

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0032223\
 Data File : P0093428.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Mar 2023 16:02
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 23 01:01:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 14 05:32:59 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.426	3.631	145.3E6	55493060	46.389	49.202
2)	SA Decachlor...	10.255	8.659	103.1E6	41179924	47.656	42.057
Target Compounds							
3)	L1 AR-1016-1	5.602	4.716	41265286	17086383	431.862	477.330
4)	L1 AR-1016-2	5.625	4.734	59673823	24272924	417.907	467.721
5)	L1 AR-1016-3	5.688	4.910	38087299	13153975	419.770	475.468
6)	L1 AR-1016-4	5.786	4.953	29248916	11343652	431.710	456.231
7)	L1 AR-1016-5	6.084	5.167	32143927	16455307	429.317	519.934
8)	L2 AR-1221-1	4.631	3.844	5547139	1960060	137.229	133.296
9)	L2 AR-1221-2	4.723	3.930	7872772	2827265	259.786	258.891
10)	L2 AR-1221-3	4.799	4.006	28676370	11071451	313.672	324.988
11)	L3 AR-1232-1	4.799	4.006	28676370	11071451	392.780	391.991
12)	L3 AR-1232-2	5.333	4.734	33877945	24272924	942.196	985.091
13)	L3 AR-1232-3	5.625	4.910	59673823	13153975	911.540	1039.695
14)	L3 AR-1232-4	5.786	4.995	29248916	14103318	955.319	1101.164
15)	L3 AR-1232-5	5.879	5.167	28182636	16455307	1015.641	1173.358
16)	L4 AR-1242-1	5.602	4.716	41265286	17086383	503.461	562.298
17)	L4 AR-1242-2	5.625	4.734	59673823	24272924	497.186	546.715
18)	L4 AR-1242-3	5.688	4.910	38087299	13153975	496.263	562.625
19)	L4 AR-1242-4	5.786	4.995	29248916	14103318	510.368	541.392
20)	L4 AR-1242-5	6.530	5.519	11017512	15507969	176.308	542.861 #
21)	L5 AR-1248-1	5.602	4.716	41265286	17086383	663.814	734.214
22)	L5 AR-1248-2	5.879	4.953	28182636	11343652	295.076	313.010
23)	L5 AR-1248-3	6.084	4.995	32143927	14103318	308.901	375.822
24)	L5 AR-1248-4	6.490	5.167	10640239	16455307	104.489	382.491 #
25)	L5 AR-1248-5	6.530	5.559	11017512	4718574	107.636	128.301
26)	L6 AR-1254-1	6.465	5.519	27093748	15507969	231.847	247.085
27)	L6 AR-1254-2	6.684	5.667	24893468	12558240	145.689	222.854 #
28)	L6 AR-1254-3	7.054	6.088	12502813	18768638	75.210	218.002 #
29)	L6 AR-1254-4	7.342	6.302	9542855	2507867	89.521	54.840 #
30)	L6 AR-1254-5	7.764	6.721	74473161	31320018	549.988	424.092
31)	L7 AR-1260-1	7.220	6.203	60556573	28774700	467.428	473.280
32)	L7 AR-1260-2	7.480	6.392	66394149	33767485	449.749	467.068
33)	L7 AR-1260-3	7.843	6.546	51667319	28962976	459.344	433.132
34)	L7 AR-1260-4	8.070	7.020	58647318	22419619	457.332	407.396
35)	L7 AR-1260-5	8.397	7.264	109.5E6	48655982	490.193	413.282
36)	L8 AR-1262-1	7.764	6.721	74473161	31320018	749.199	838.138
37)	L8 AR-1262-2	8.397	7.264	109.5E6	48655982	461.500	408.588
38)	L8 AR-1262-3	8.727	7.612	69655251	35531188	412.449	393.108
39)	L8 AR-1262-4	8.806	7.612	20814173	35531188	232.399	393.108 #
40)	L8 AR-1262-5	9.479	8.110	31805717	12986616	333.010	317.330
41)	L9 AR-1268-1	8.727	7.548	69655251	11575620	218.131	73.967 #

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Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

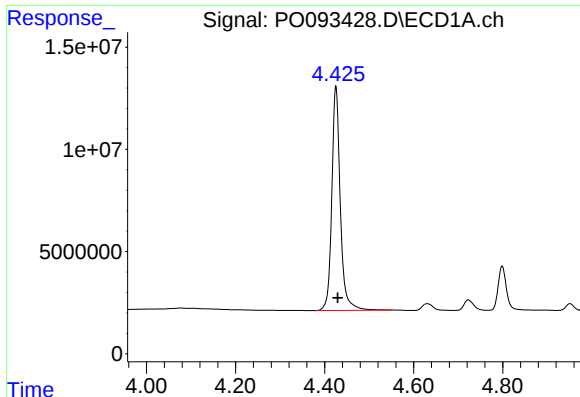
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 23 01:01:52 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031323.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 14 05:32:59 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	8.806	7.612	20814173	35531188	71.695	254.494 #
43)	L9 AR-1268-3	9.045	7.820	1270831	699345	4.979	5.620
44)	L9 AR-1268-4	9.479	8.110	31805717	12986616	297.822	263.353
45)	L9 AR-1268-5	9.905	8.403	8366732	3485554	10.422	9.871

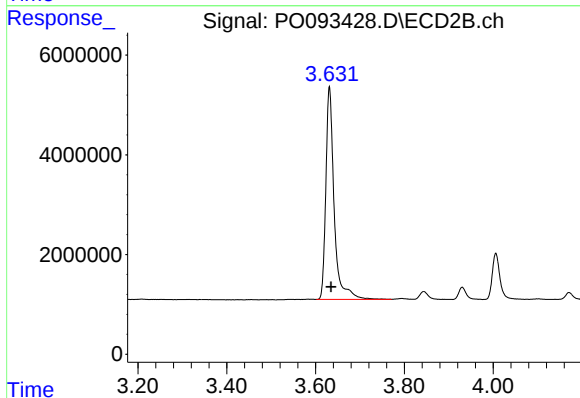
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

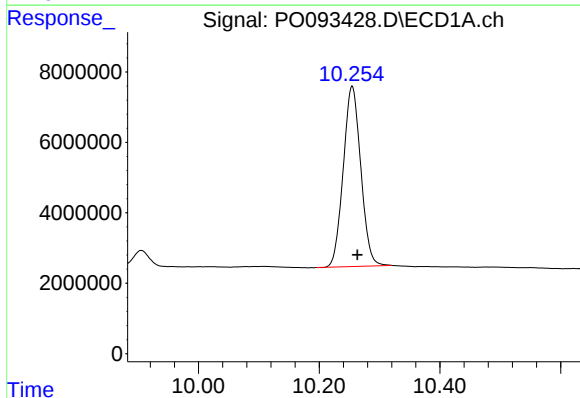
R.T.: 4.426 min
Delta R.T.: -0.004 min
Response: 145267593
Conc: 46.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



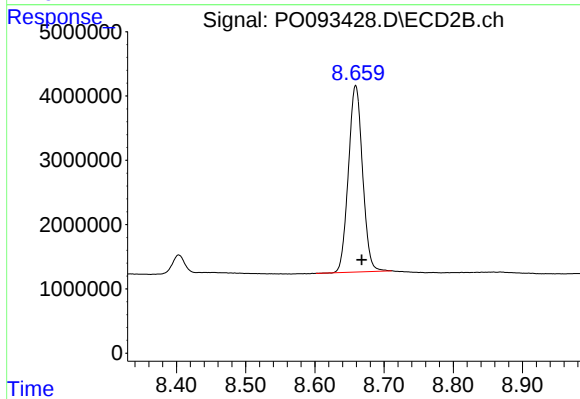
#1 Tetrachloro-m-xylene

R.T.: 3.631 min
Delta R.T.: -0.004 min
Response: 55493060
Conc: 49.20 ng/ml



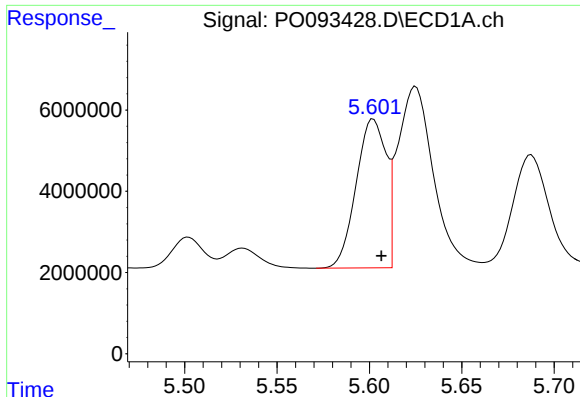
#2 Decachlorobiphenyl

R.T.: 10.255 min
Delta R.T.: -0.009 min
Response: 103140940
Conc: 47.66 ng/ml



#2 Decachlorobiphenyl

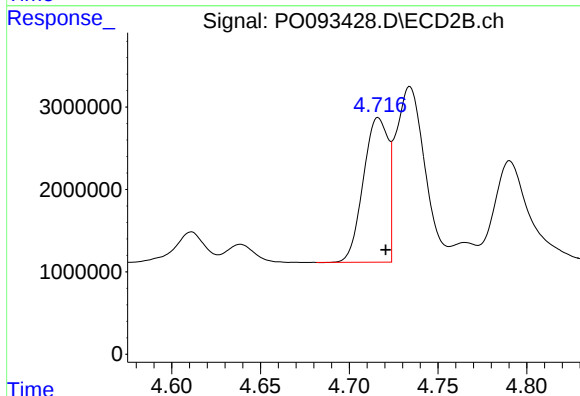
R.T.: 8.659 min
Delta R.T.: -0.009 min
Response: 41179924
Conc: 42.06 ng/ml



#3 AR-1016-1

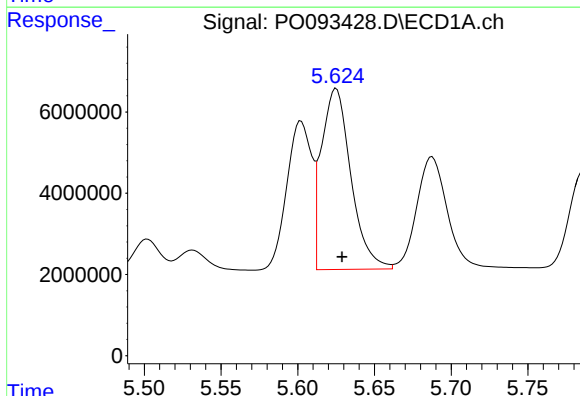
R.T.: 5.602 min
Delta R.T.: -0.004 min
Response: 41265286
Conc: 431.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



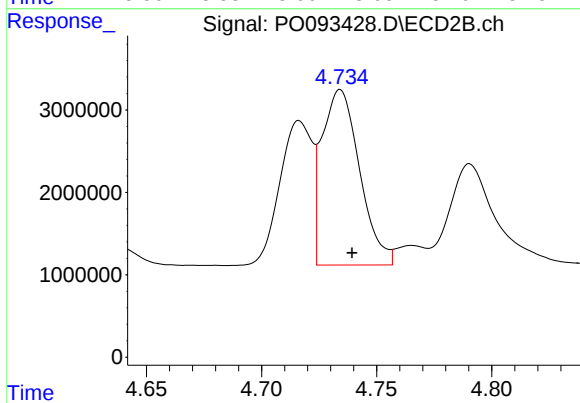
#3 AR-1016-1

R.T.: 4.716 min
Delta R.T.: -0.004 min
Response: 17086383
Conc: 477.33 ng/ml



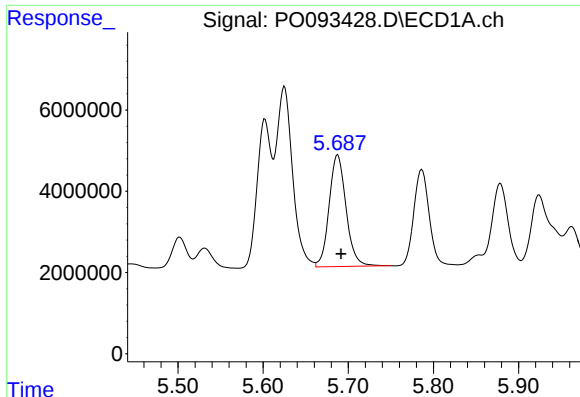
#4 AR-1016-2

R.T.: 5.625 min
Delta R.T.: -0.004 min
Response: 59673823
Conc: 417.91 ng/ml



#4 AR-1016-2

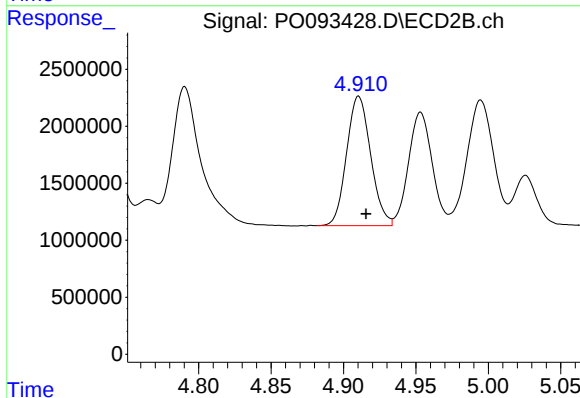
R.T.: 4.734 min
Delta R.T.: -0.005 min
Response: 24272924
Conc: 467.72 ng/ml



#5 AR-1016-3

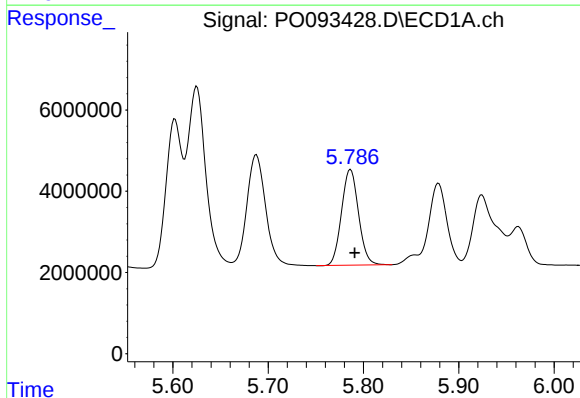
R.T.: 5.688 min
Delta R.T.: -0.004 min
Response: 38087299
Conc: 419.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



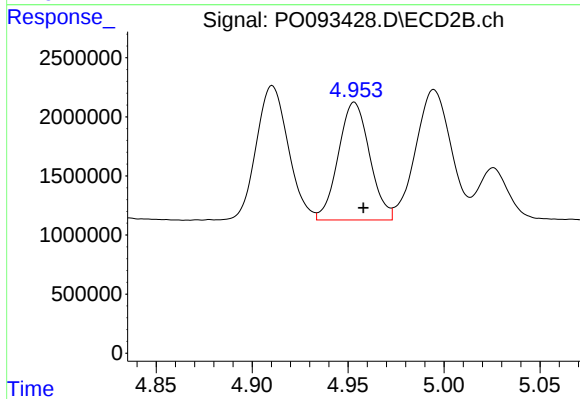
#5 AR-1016-3

R.T.: 4.910 min
Delta R.T.: -0.005 min
Response: 13153975
Conc: 475.47 ng/ml



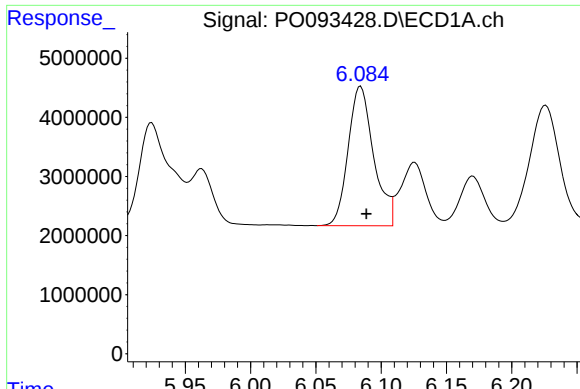
#6 AR-1016-4

R.T.: 5.786 min
Delta R.T.: -0.004 min
Response: 29248916
Conc: 431.71 ng/ml



#6 AR-1016-4

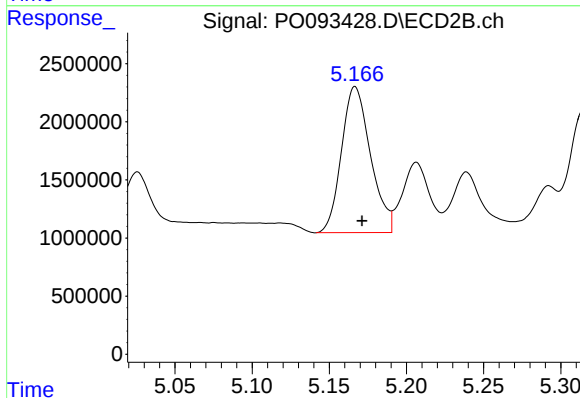
R.T.: 4.953 min
Delta R.T.: -0.005 min
Response: 11343652
Conc: 456.23 ng/ml



#7 AR-1016-5

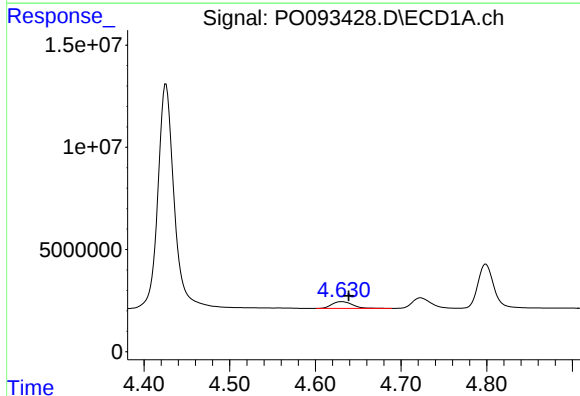
R.T.: 6.084 min
Delta R.T.: -0.004 min
Response: 32143927
Conc: 429.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



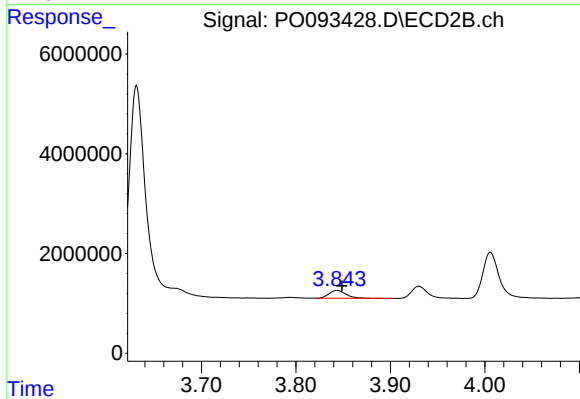
#7 AR-1016-5

R.T.: 5.167 min
Delta R.T.: -0.005 min
Response: 16455307
Conc: 519.93 ng/ml



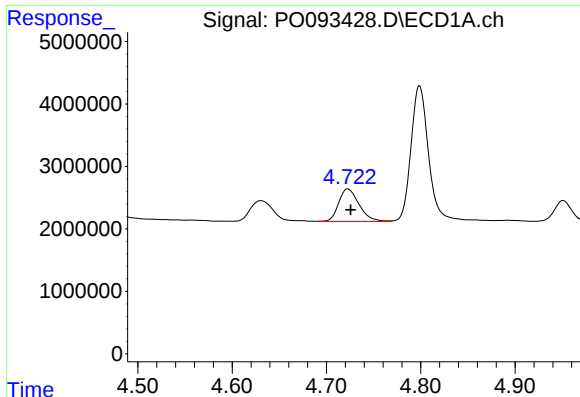
#8 AR-1221-1

R.T.: 4.631 min
Delta R.T.: -0.008 min
Response: 5547139
Conc: 137.23 ng/ml



#8 AR-1221-1

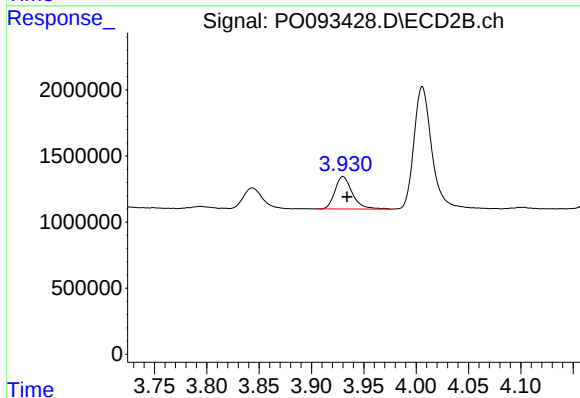
R.T.: 3.844 min
Delta R.T.: -0.005 min
Response: 1960060
Conc: 133.30 ng/ml



#9 AR-1221-2

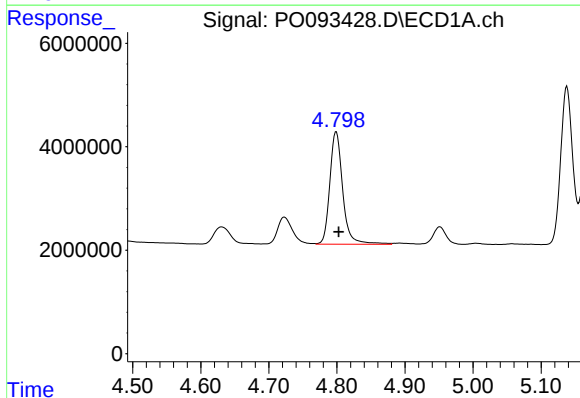
R.T.: 4.723 min
Delta R.T.: -0.003 min
Response: 7872772
Conc: 259.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



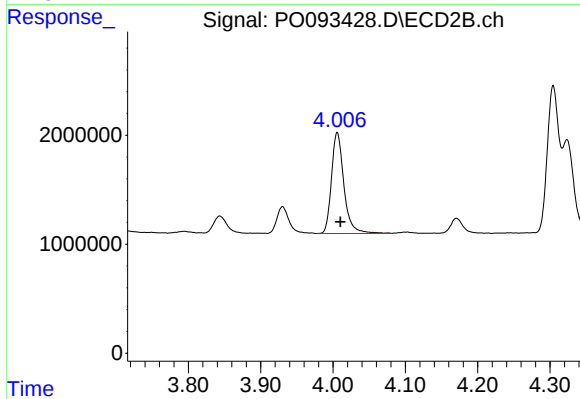
#9 AR-1221-2

R.T.: 3.930 min
Delta R.T.: -0.004 min
Response: 2827265
Conc: 258.89 ng/ml



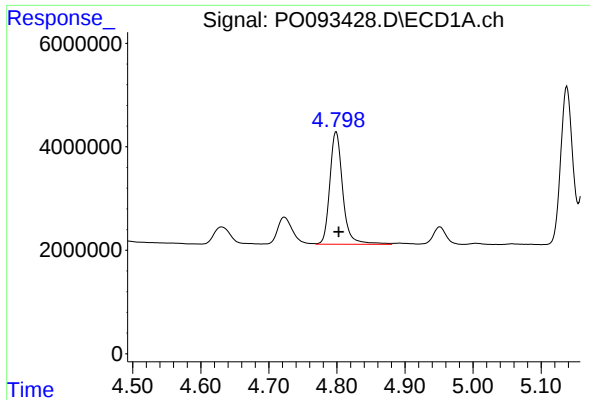
#10 AR-1221-3

R.T.: 4.799 min
Delta R.T.: -0.004 min
Response: 28676370
Conc: 313.67 ng/ml



#10 AR-1221-3

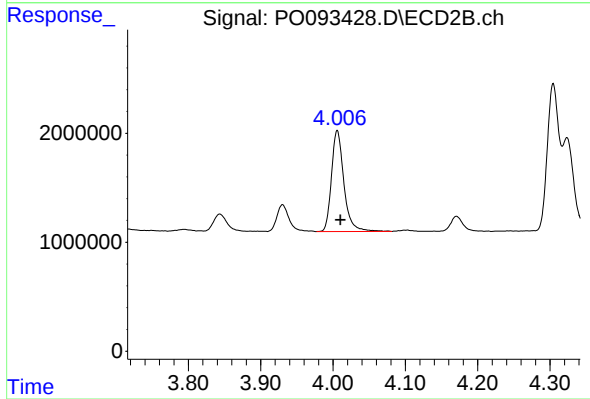
R.T.: 4.006 min
Delta R.T.: -0.004 min
Response: 11071451
Conc: 324.99 ng/ml



#11 AR-1232-1

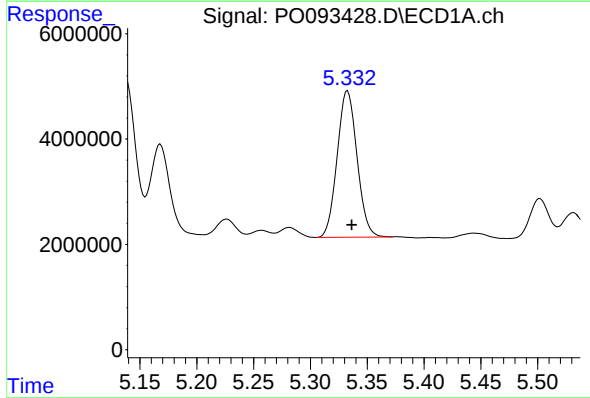
R.T.: 4.799 min
Delta R.T.: -0.004 min
Response: 28676370
Conc: 392.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



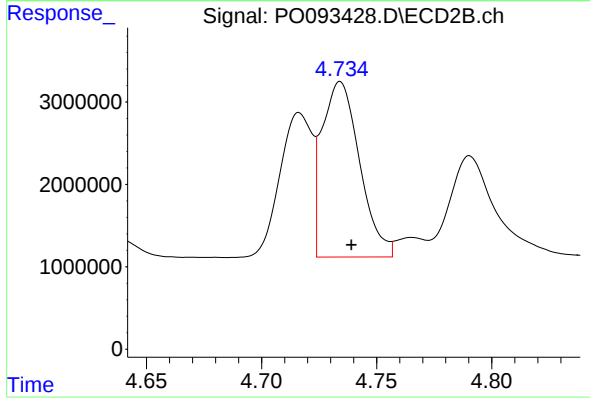
#11 AR-1232-1

R.T.: 4.006 min
Delta R.T.: -0.004 min
Response: 11071451
Conc: 391.99 ng/ml



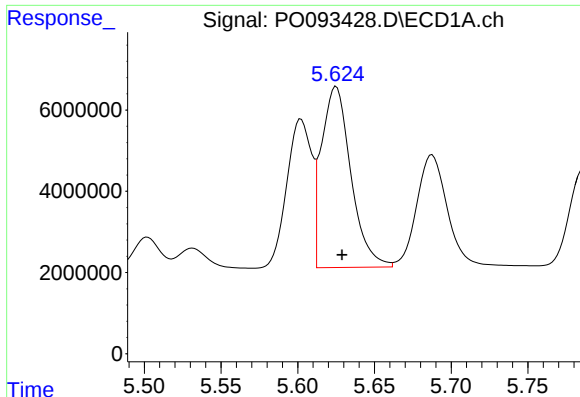
#12 AR-1232-2

R.T.: 5.333 min
Delta R.T.: -0.004 min
Response: 33877945
Conc: 942.20 ng/ml



#12 AR-1232-2

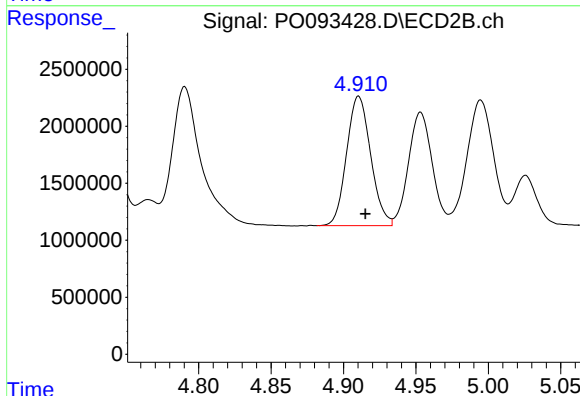
R.T.: 4.734 min
Delta R.T.: -0.005 min
Response: 24272924
Conc: 985.09 ng/ml



#13 AR-1232-3

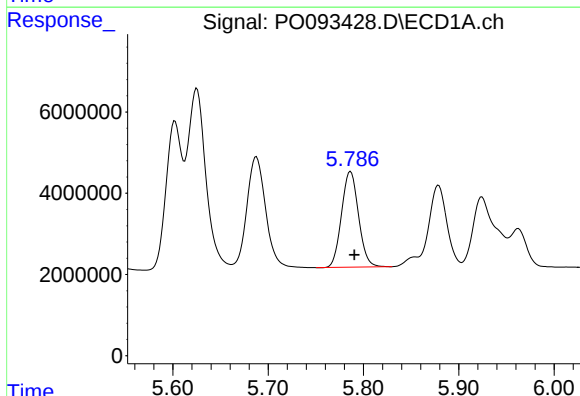
R.T.: 5.625 min
Delta R.T.: -0.004 min
Response: 59673823
Conc: 911.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



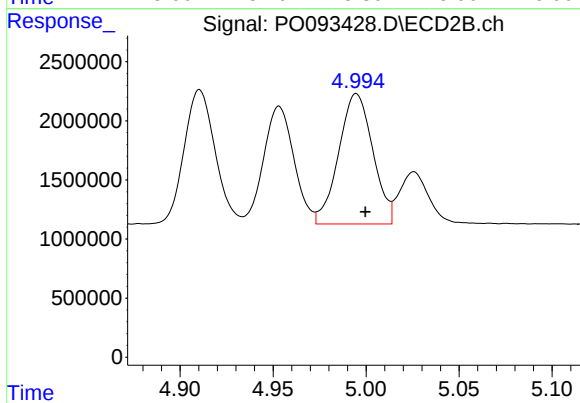
#13 AR-1232-3

R.T.: 4.910 min
Delta R.T.: -0.005 min
Response: 13153975
Conc: 1039.70 ng/ml



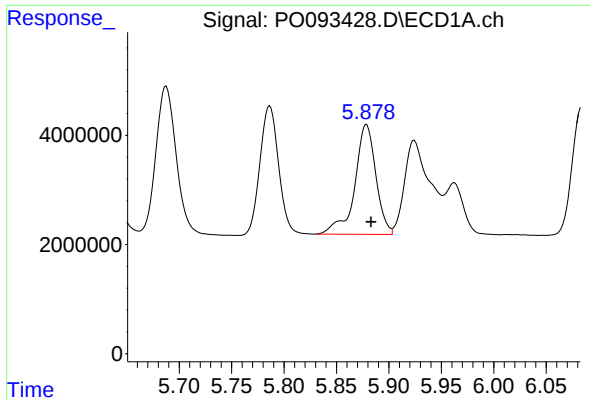
#14 AR-1232-4

R.T.: 5.786 min
Delta R.T.: -0.004 min
Response: 29248916
Conc: 955.32 ng/ml



#14 AR-1232-4

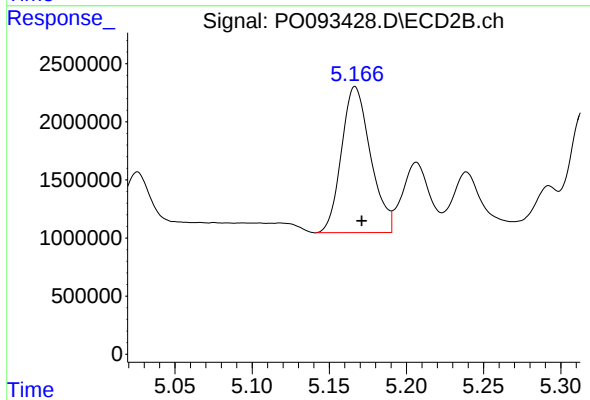
R.T.: 4.995 min
Delta R.T.: -0.005 min
Response: 14103318
Conc: 1101.16 ng/ml



#15 AR-1232-5

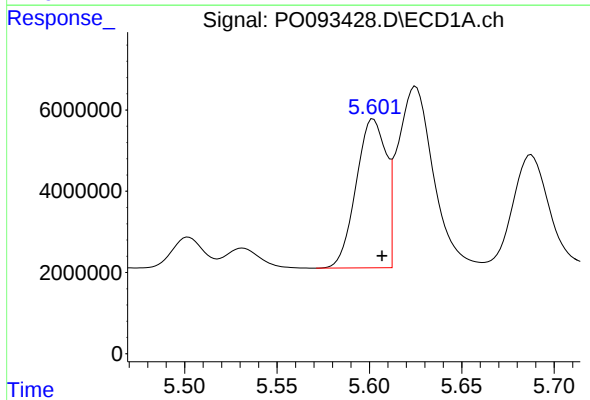
R.T.: 5.879 min
Delta R.T.: -0.004 min
Response: 28182636
Conc: 1015.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



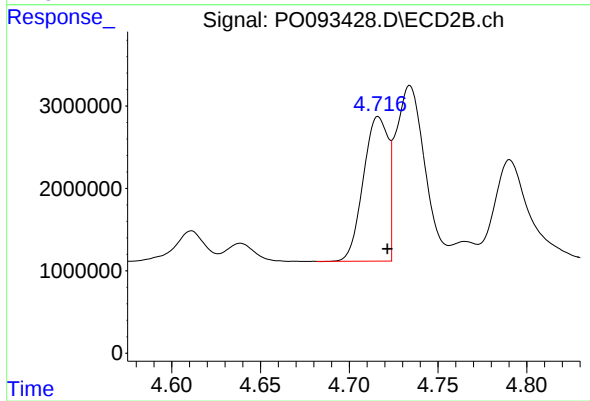
#15 AR-1232-5

R.T.: 5.167 min
Delta R.T.: -0.004 min
Response: 16455307
Conc: 1173.36 ng/ml



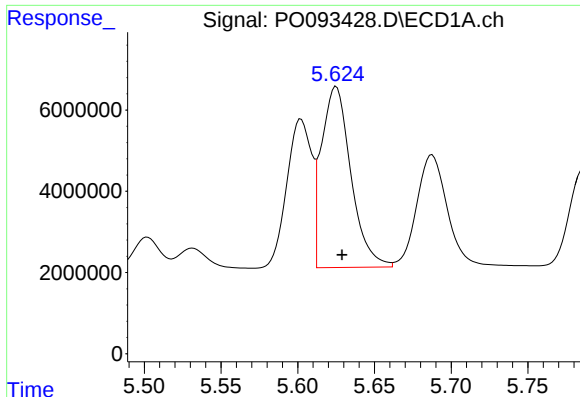
#16 AR-1242-1

R.T.: 5.602 min
Delta R.T.: -0.005 min
Response: 41265286
Conc: 503.46 ng/ml



#16 AR-1242-1

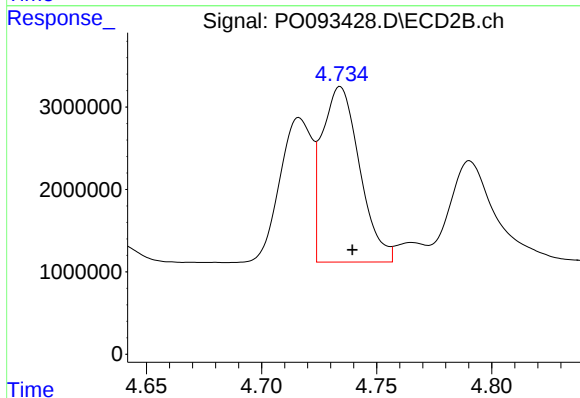
R.T.: 4.716 min
Delta R.T.: -0.005 min
Response: 17086383
Conc: 562.30 ng/ml



#17 AR-1242-2

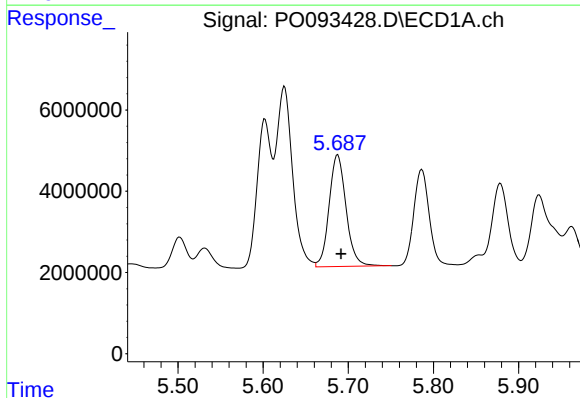
R.T.: 5.625 min
Delta R.T.: -0.004 min
Response: 59673823
Conc: 497.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



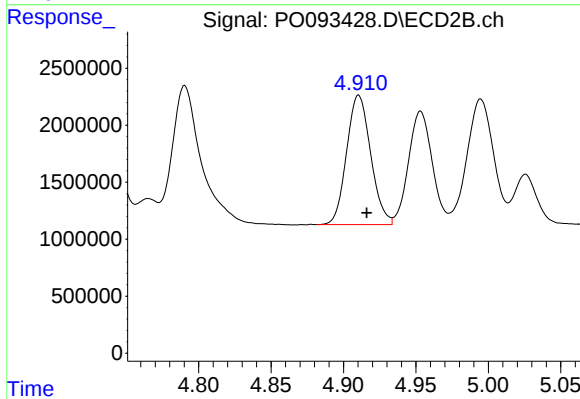
#17 AR-1242-2

R.T.: 4.734 min
Delta R.T.: -0.005 min
Response: 24272924
Conc: 546.71 ng/ml



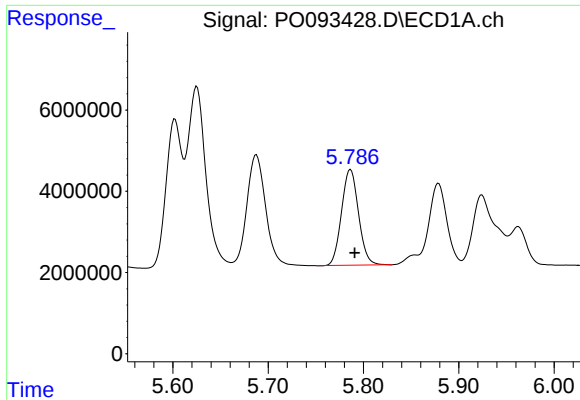
#18 AR-1242-3

R.T.: 5.688 min
Delta R.T.: -0.004 min
Response: 38087299
Conc: 496.26 ng/ml



#18 AR-1242-3

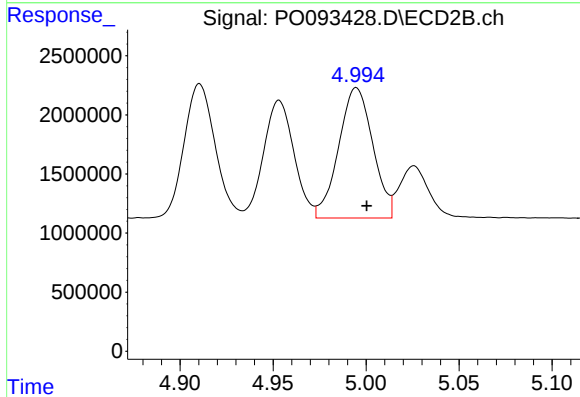
R.T.: 4.910 min
Delta R.T.: -0.006 min
Response: 13153975
Conc: 562.62 ng/ml



#19 AR-1242-4

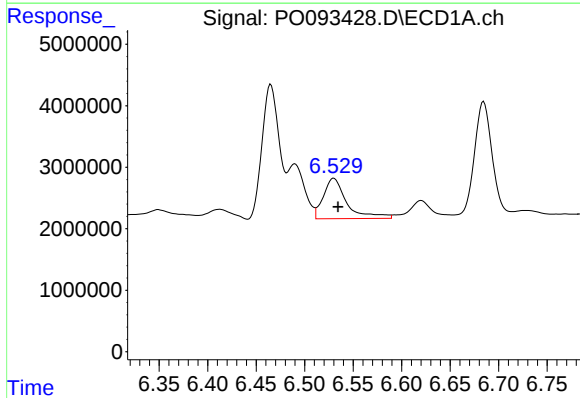
R.T.: 5.786 min
Delta R.T.: -0.004 min
Response: 29248916
Conc: 510.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



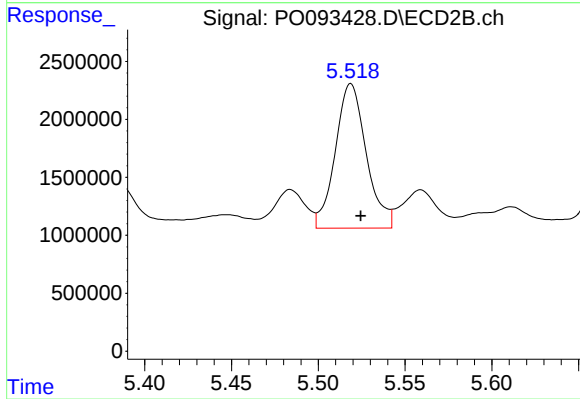
#19 AR-1242-4

R.T.: 4.995 min
Delta R.T.: -0.006 min
Response: 14103318
Conc: 541.39 ng/ml



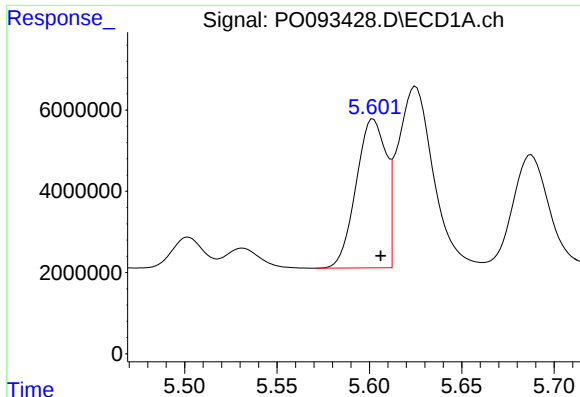
#20 AR-1242-5

R.T.: 6.530 min
Delta R.T.: -0.004 min
Response: 11017512
Conc: 176.31 ng/ml



#20 AR-1242-5

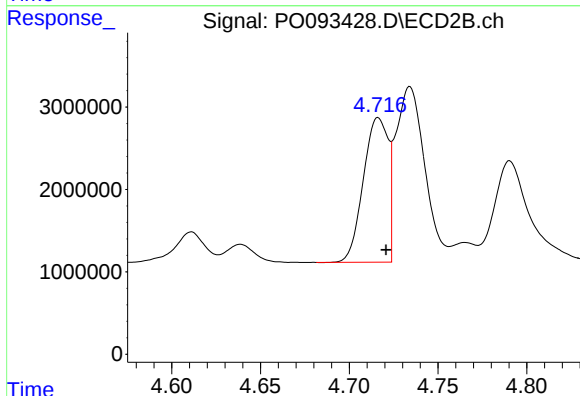
R.T.: 5.519 min
Delta R.T.: -0.006 min
Response: 15507969
Conc: 542.86 ng/ml



#21 AR-1248-1

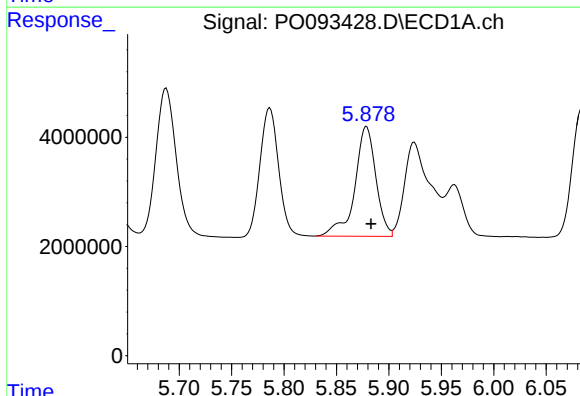
R.T.: 5.602 min
Delta R.T.: -0.004 min
Response: 41265286
Conc: 663.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



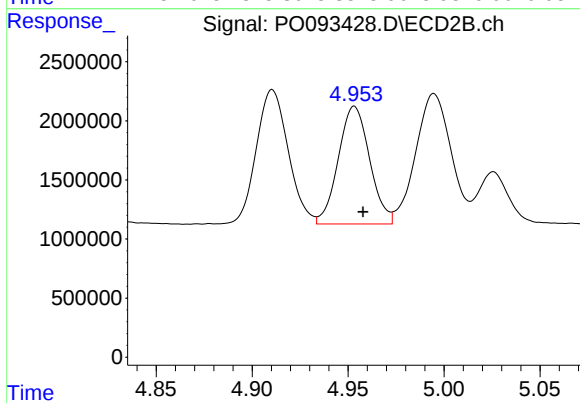
#21 AR-1248-1

R.T.: 4.716 min
Delta R.T.: -0.004 min
Response: 17086383
Conc: 734.21 ng/ml



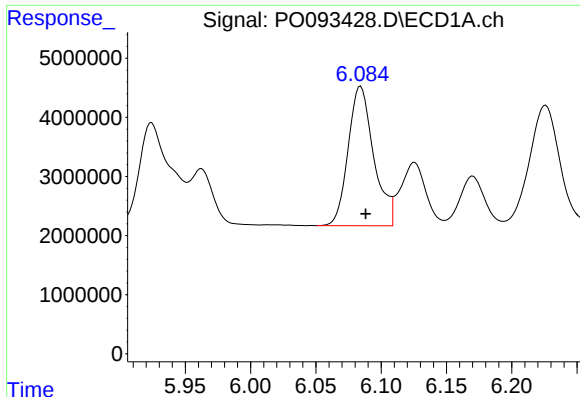
#22 AR-1248-2

R.T.: 5.879 min
Delta R.T.: -0.004 min
Response: 28182636
Conc: 295.08 ng/ml



#22 AR-1248-2

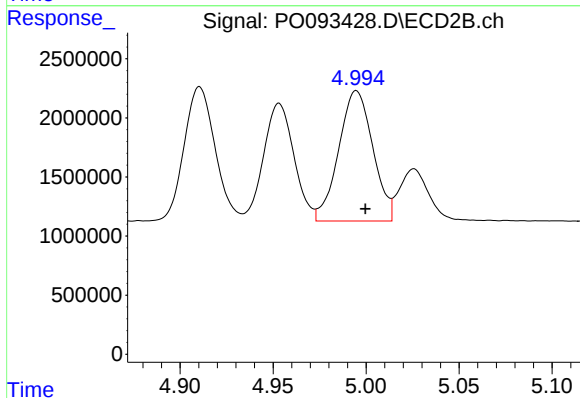
R.T.: 4.953 min
Delta R.T.: -0.005 min
Response: 11343652
Conc: 313.01 ng/ml



#23 AR-1248-3

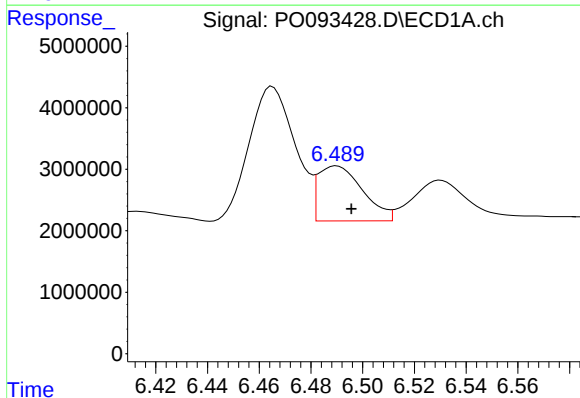
R.T.: 6.084 min
Delta R.T.: -0.004 min
Response: 32143927
Conc: 308.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



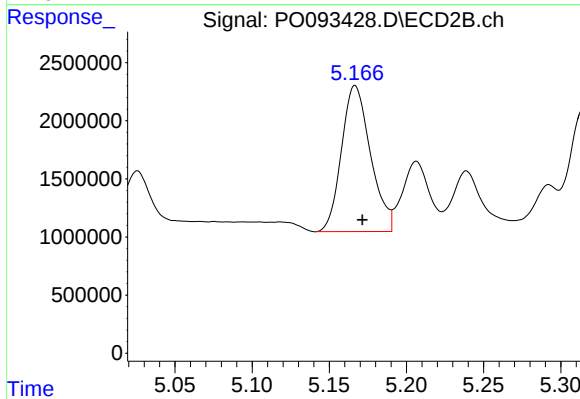
#23 AR-1248-3

R.T.: 4.995 min
Delta R.T.: -0.005 min
Response: 14103318
Conc: 375.82 ng/ml



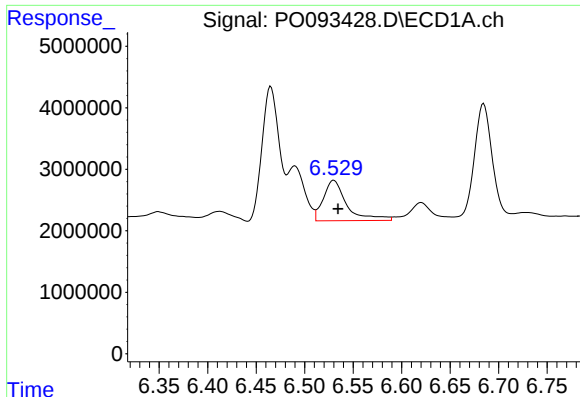
#24 AR-1248-4

R.T.: 6.490 min
Delta R.T.: -0.006 min
Response: 10640239
Conc: 104.49 ng/ml



#24 AR-1248-4

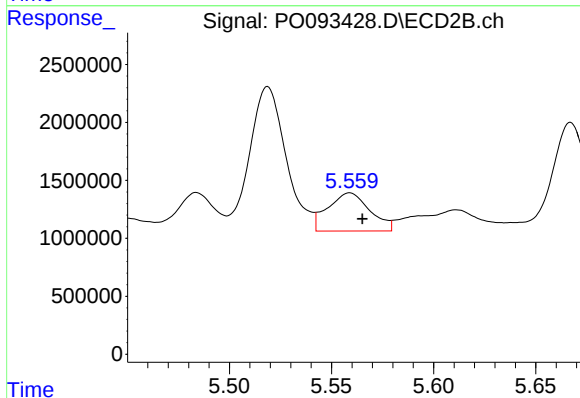
R.T.: 5.167 min
Delta R.T.: -0.005 min
Response: 16455307
Conc: 382.49 ng/ml



#25 AR-1248-5

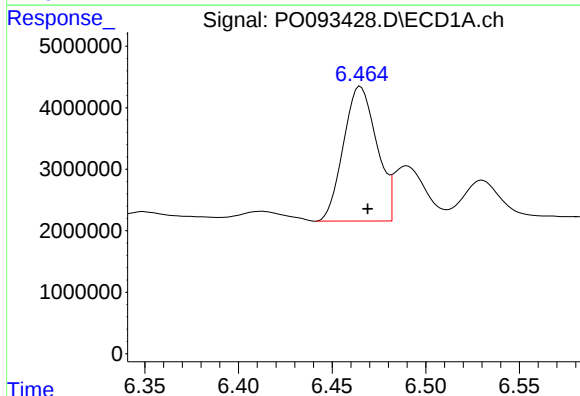
R.T.: 6.530 min
Delta R.T.: -0.004 min
Response: 11017512
Conc: 107.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



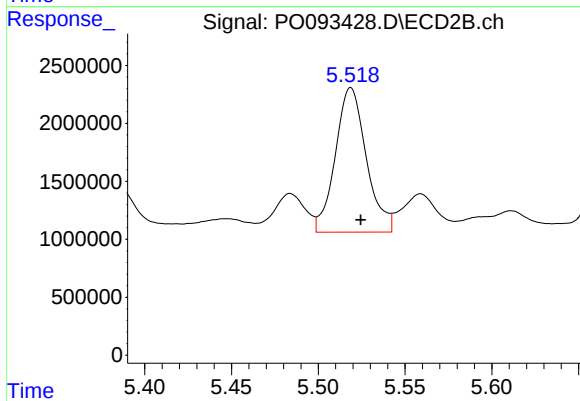
#25 AR-1248-5

R.T.: 5.559 min
Delta R.T.: -0.006 min
Response: 4718574
Conc: 128.30 ng/ml



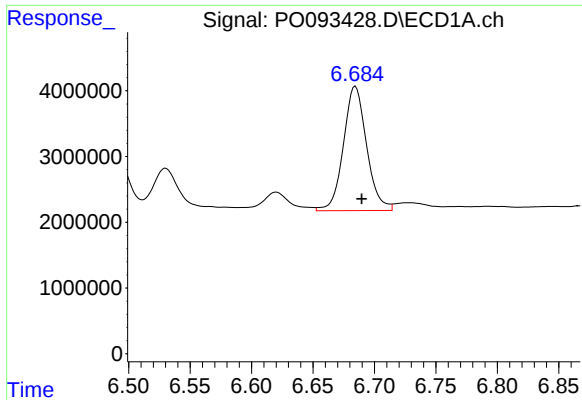
#26 AR-1254-1

R.T.: 6.465 min
Delta R.T.: -0.004 min
Response: 27093748
Conc: 231.85 ng/ml



#26 AR-1254-1

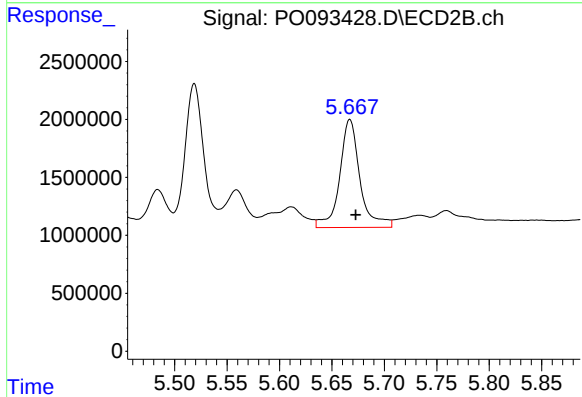
R.T.: 5.519 min
Delta R.T.: -0.006 min
Response: 15507969
Conc: 247.08 ng/ml



#27 AR-1254-2

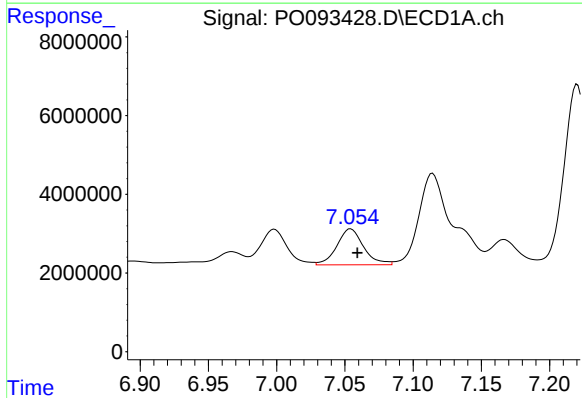
R.T.: 6.684 min
Delta R.T.: -0.005 min
Response: 24893468
Conc: 145.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



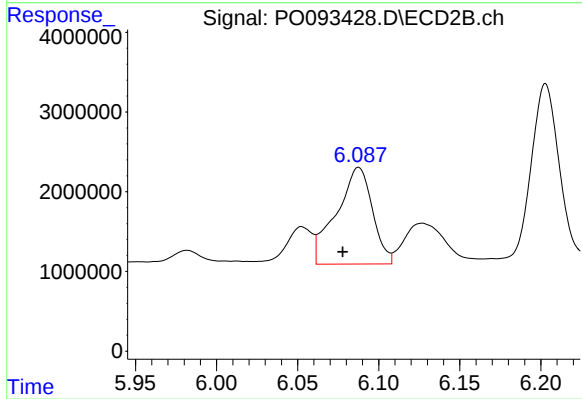
#27 AR-1254-2

R.T.: 5.667 min
Delta R.T.: -0.006 min
Response: 12558240
Conc: 222.85 ng/ml



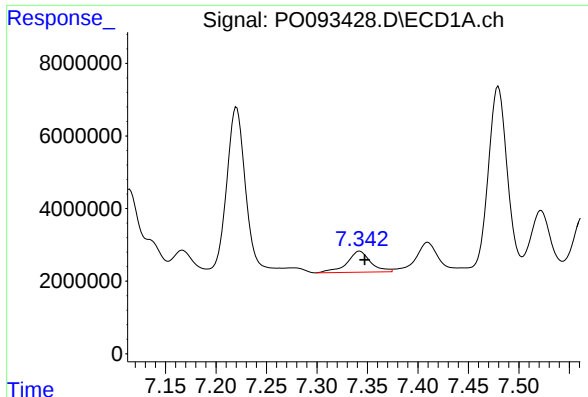
#28 AR-1254-3

R.T.: 7.054 min
Delta R.T.: -0.005 min
Response: 12502813
Conc: 75.21 ng/ml



#28 AR-1254-3

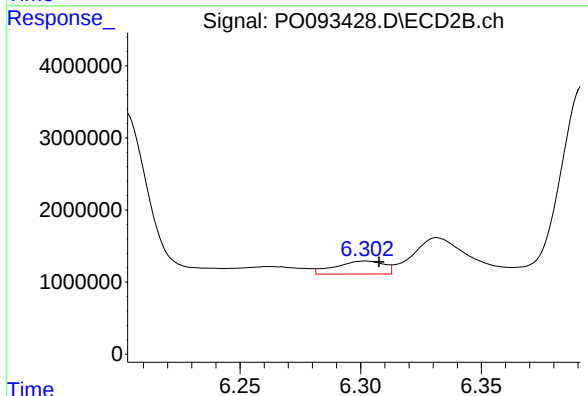
R.T.: 6.088 min
Delta R.T.: 0.010 min
Response: 18768638
Conc: 218.00 ng/ml



#29 AR-1254-4

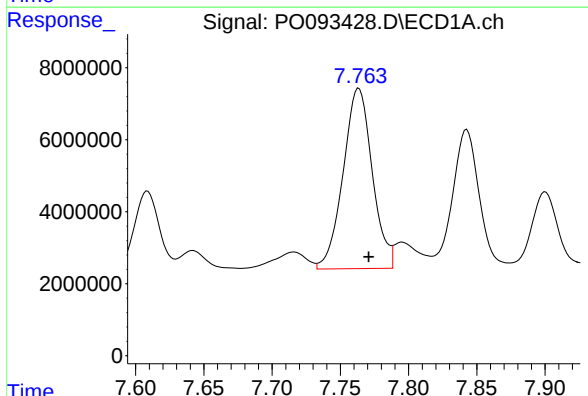
R.T.: 7.342 min
Delta R.T.: -0.005 min
Response: 9542855
Conc: 89.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



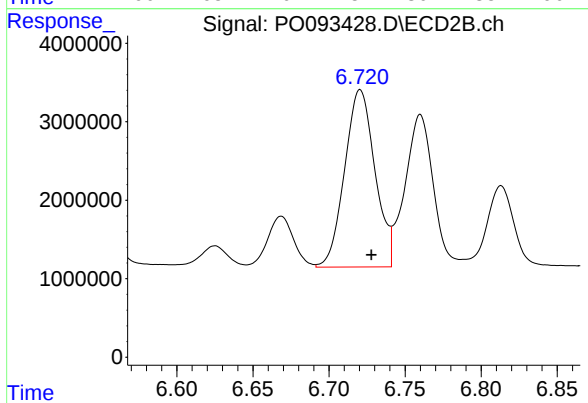
#29 AR-1254-4

R.T.: 6.302 min
Delta R.T.: -0.006 min
Response: 2507867
Conc: 54.84 ng/ml



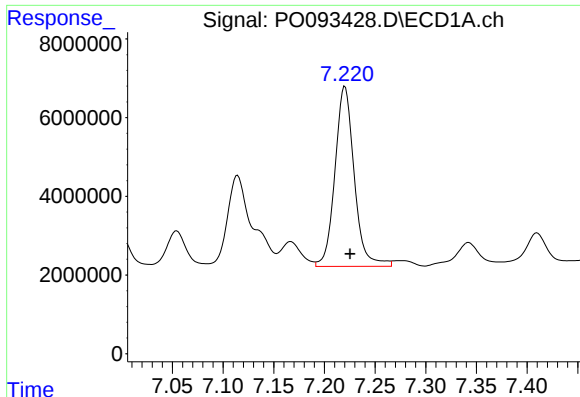
#30 AR-1254-5

R.T.: 7.764 min
Delta R.T.: -0.007 min
Response: 74473161
Conc: 549.99 ng/ml



#30 AR-1254-5

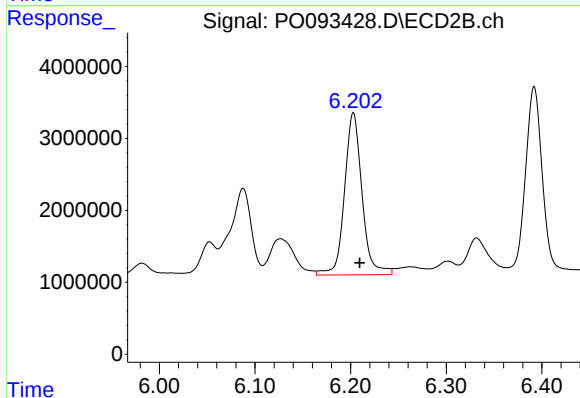
R.T.: 6.721 min
Delta R.T.: -0.007 min
Response: 31320018
Conc: 424.09 ng/ml



#31 AR-1260-1

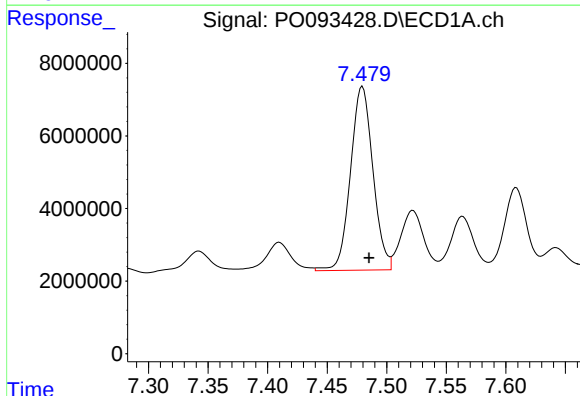
R.T.: 7.220 min
Delta R.T.: -0.005 min
Response: 60556573
Conc: 467.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



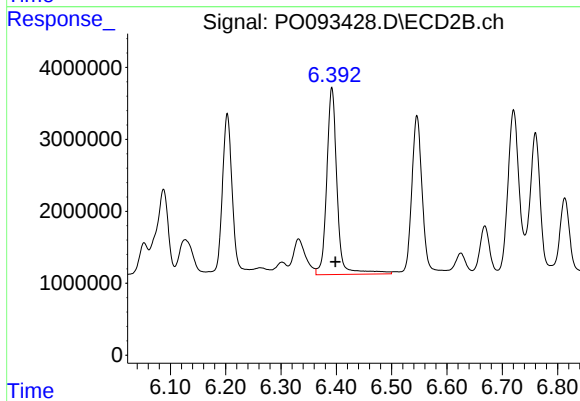
#31 AR-1260-1

R.T.: 6.203 min
Delta R.T.: -0.007 min
Response: 28774700
Conc: 473.28 ng/ml



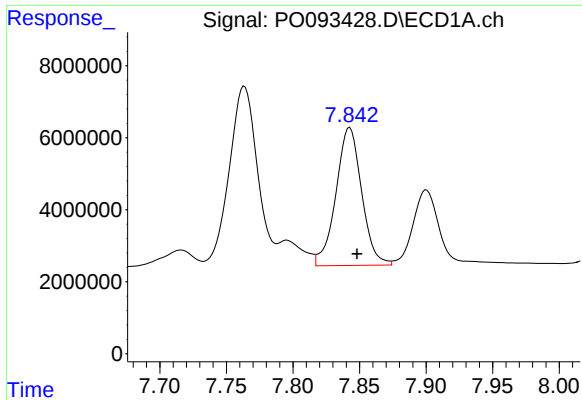
#32 AR-1260-2

R.T.: 7.480 min
Delta R.T.: -0.005 min
Response: 66394149
Conc: 449.75 ng/ml



#32 AR-1260-2

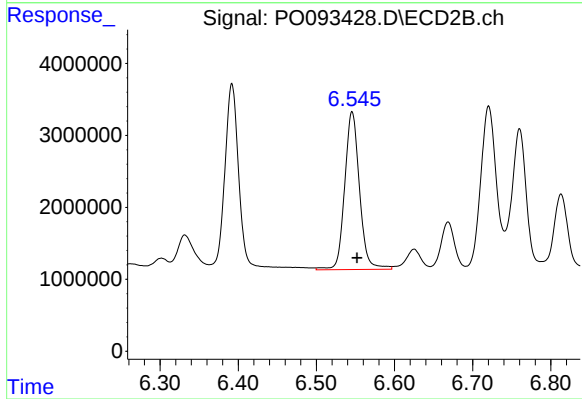
R.T.: 6.392 min
Delta R.T.: -0.006 min
Response: 33767485
Conc: 467.07 ng/ml



#33 AR-1260-3

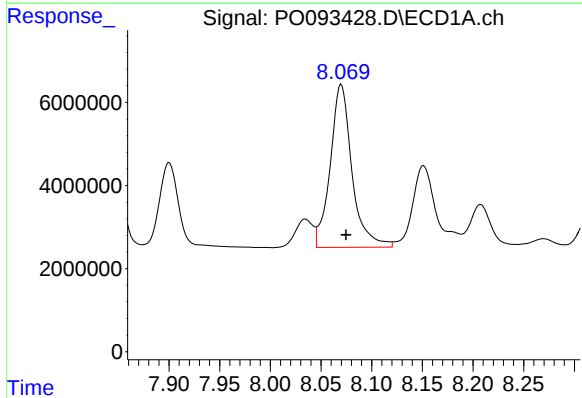
R.T.: 7.843 min
Delta R.T.: -0.005 min
Response: 51667319
Conc: 459.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



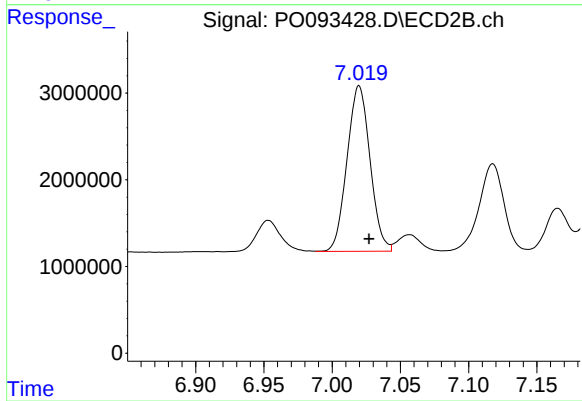
#33 AR-1260-3

R.T.: 6.546 min
Delta R.T.: -0.007 min
Response: 28962976
Conc: 433.13 ng/ml



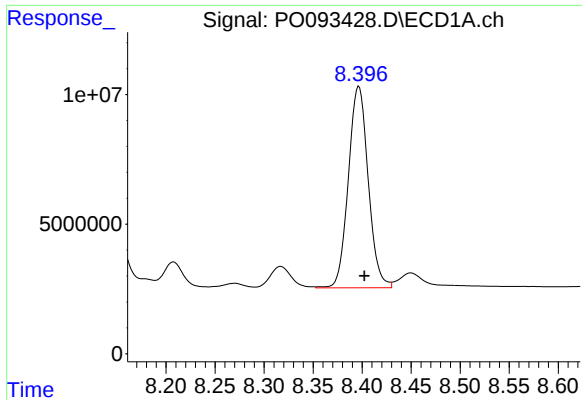
#34 AR-1260-4

R.T.: 8.070 min
Delta R.T.: -0.005 min
Response: 58647318
Conc: 457.33 ng/ml



#34 AR-1260-4

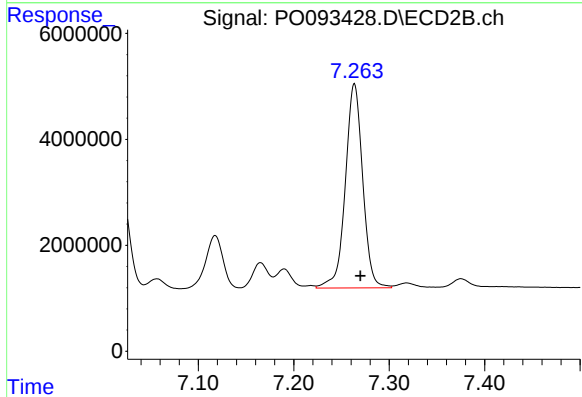
R.T.: 7.020 min
Delta R.T.: -0.007 min
Response: 22419619
Conc: 407.40 ng/ml



#35 AR-1260-5

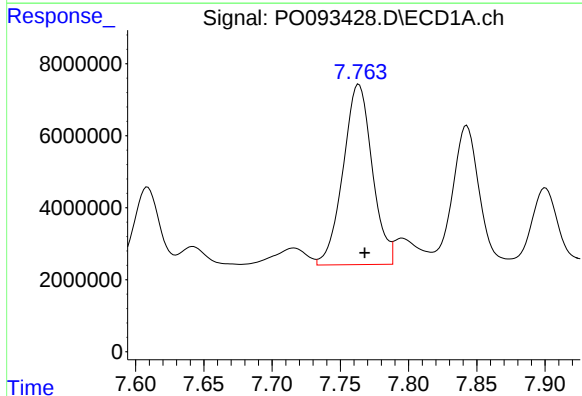
R.T.: 8.397 min
Delta R.T.: -0.006 min
Response: 109526391
Conc: 490.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



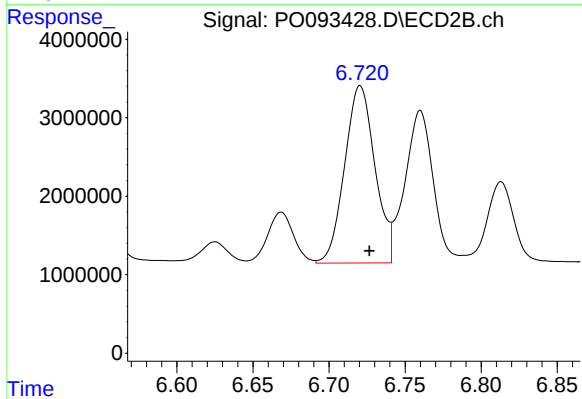
#35 AR-1260-5

R.T.: 7.264 min
Delta R.T.: -0.006 min
Response: 48655982
Conc: 413.28 ng/ml



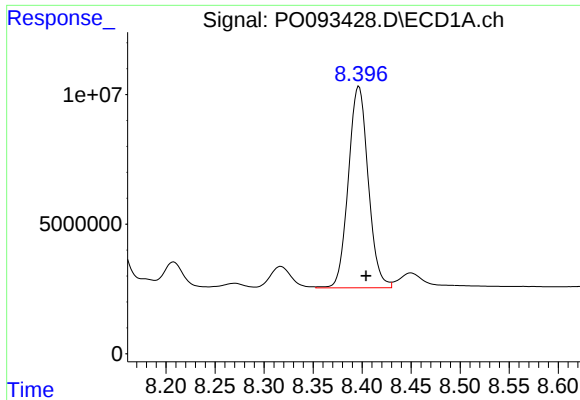
#36 AR-1262-1

R.T.: 7.764 min
Delta R.T.: -0.004 min
Response: 74473161
Conc: 749.20 ng/ml



#36 AR-1262-1

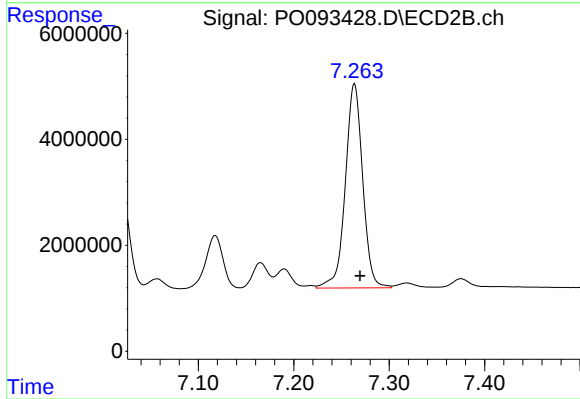
R.T.: 6.721 min
Delta R.T.: -0.006 min
Response: 31320018
Conc: 838.14 ng/ml



#37 AR-1262-2

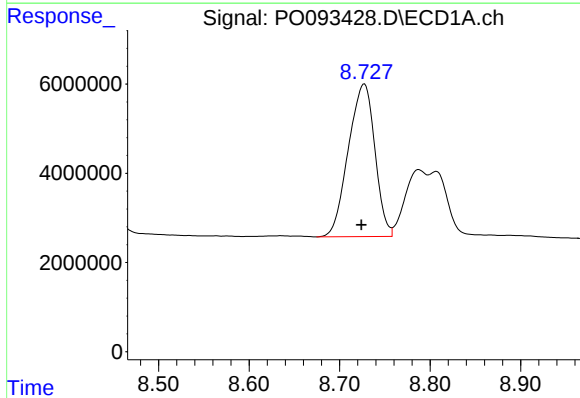
R.T.: 8.397 min
Delta R.T.: -0.007 min
Response: 109526391
Conc: 461.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



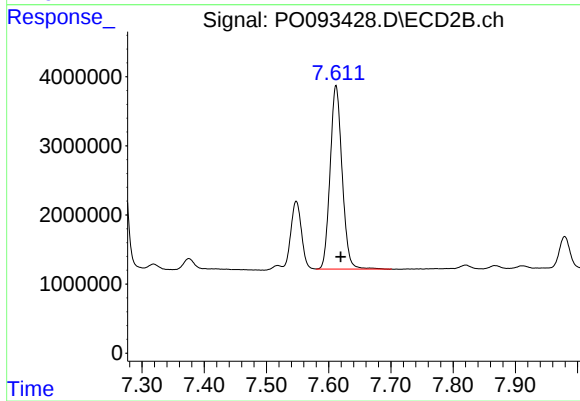
#37 AR-1262-2

R.T.: 7.264 min
Delta R.T.: -0.006 min
Response: 48655982
Conc: 408.59 ng/ml



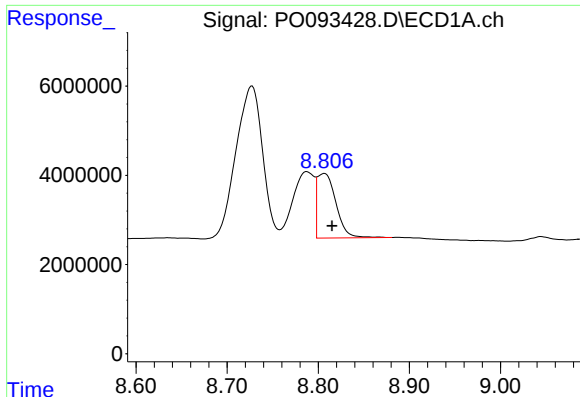
#38 AR-1262-3

R.T.: 8.727 min
Delta R.T.: 0.003 min
Response: 69655251
Conc: 412.45 ng/ml



#38 AR-1262-3

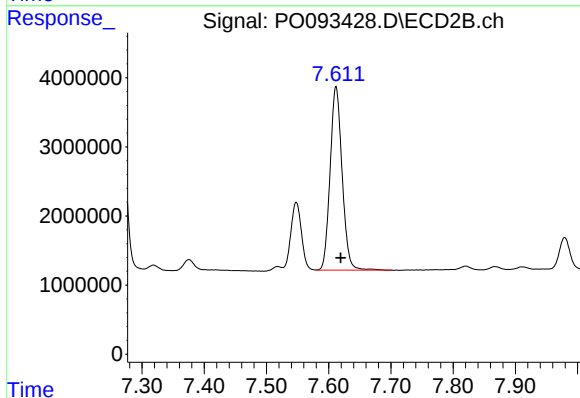
R.T.: 7.612 min
Delta R.T.: -0.008 min
Response: 35531188
Conc: 393.11 ng/ml



#39 AR-1262-4

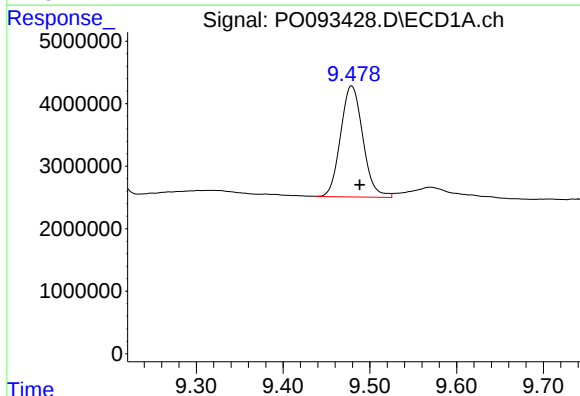
R.T.: 8.806 min
Delta R.T.: -0.009 min
Response: 20814173
Conc: 232.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



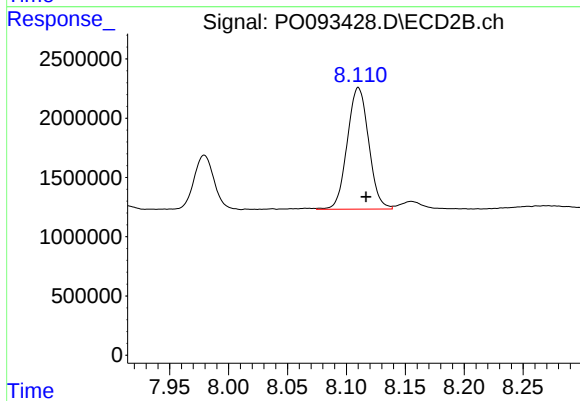
#39 AR-1262-4

R.T.: 7.612 min
Delta R.T.: -0.008 min
Response: 35531188
Conc: 393.11 ng/ml



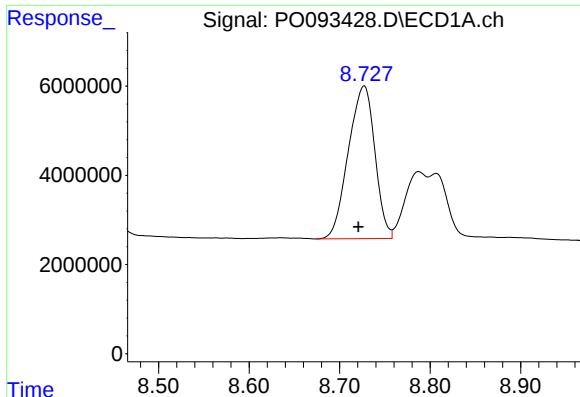
#40 AR-1262-5

R.T.: 9.479 min
Delta R.T.: -0.009 min
Response: 31805717
Conc: 333.01 ng/ml



#40 AR-1262-5

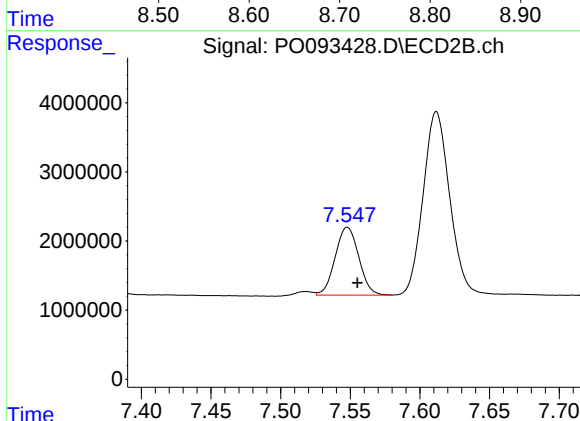
R.T.: 8.110 min
Delta R.T.: -0.007 min
Response: 12986616
Conc: 317.33 ng/ml



#41 AR-1268-1

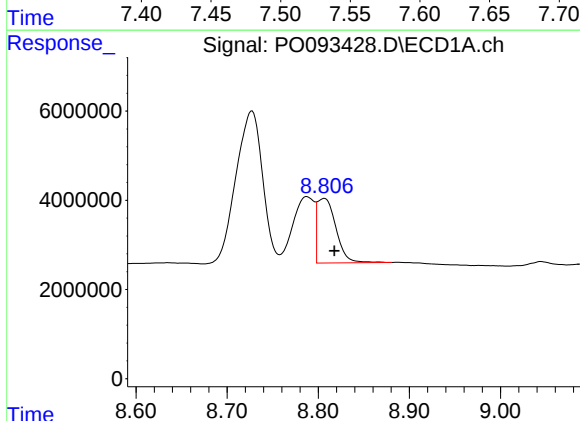
R.T.: 8.727 min
Delta R.T.: 0.007 min
Response: 69655251
Conc: 218.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



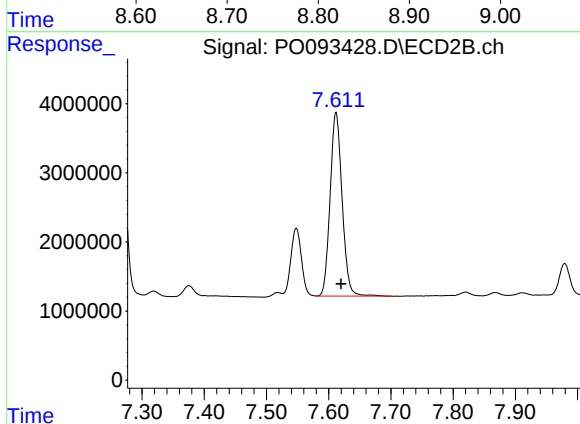
#41 AR-1268-1

R.T.: 7.548 min
Delta R.T.: -0.007 min
Response: 11575620
Conc: 73.97 ng/ml



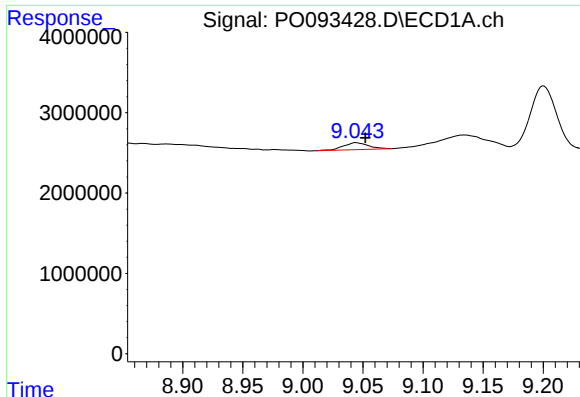
#42 AR-1268-2

R.T.: 8.806 min
Delta R.T.: -0.011 min
Response: 20814173
Conc: 71.70 ng/ml



#42 AR-1268-2

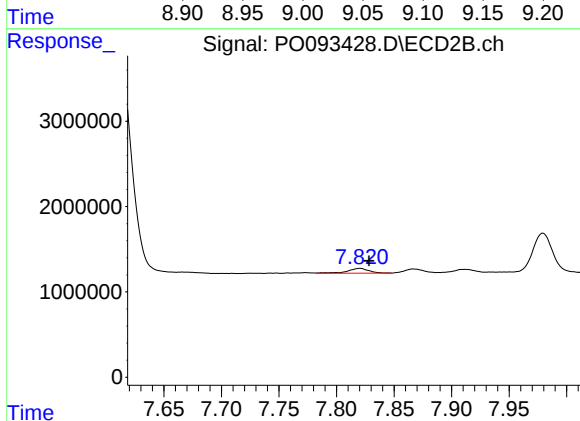
R.T.: 7.612 min
Delta R.T.: -0.008 min
Response: 35531188
Conc: 254.49 ng/ml



#43 AR-1268-3

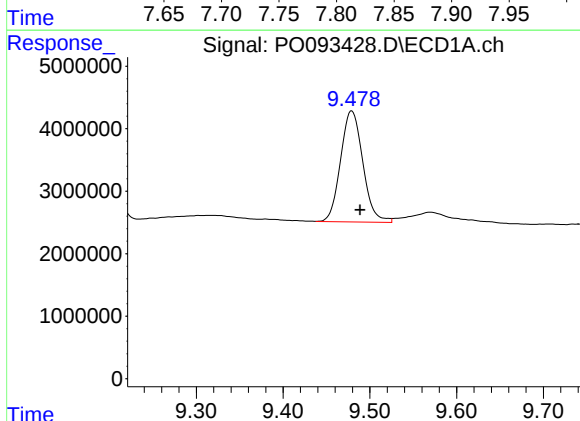
R.T.: 9.045 min
Delta R.T.: -0.007 min
Response: 1270831
Conc: 4.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



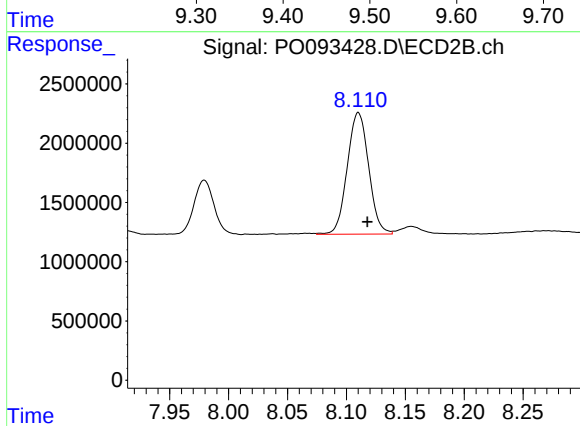
#43 AR-1268-3

R.T.: 7.820 min
Delta R.T.: -0.008 min
Response: 699345
Conc: 5.62 ng/ml



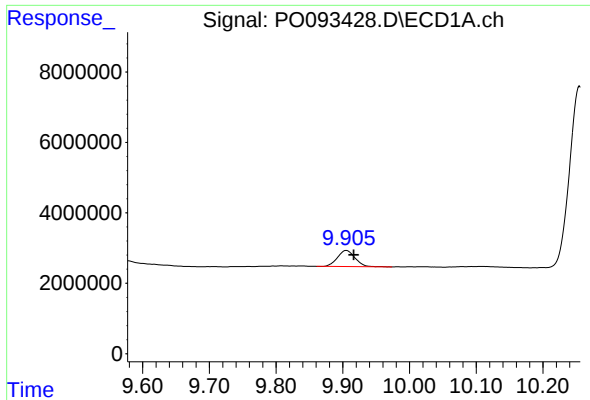
#44 AR-1268-4

R.T.: 9.479 min
Delta R.T.: -0.009 min
Response: 31805717
Conc: 297.82 ng/ml



#44 AR-1268-4

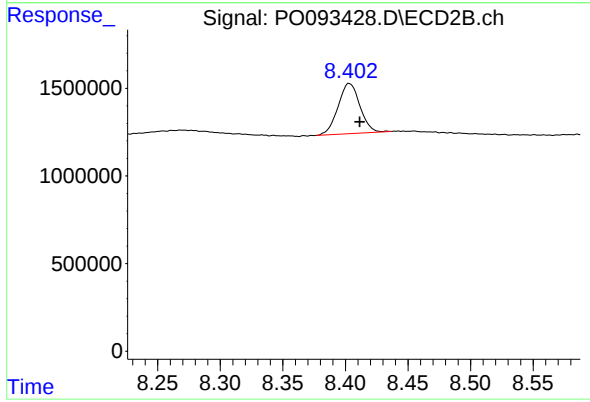
R.T.: 8.110 min
Delta R.T.: -0.008 min
Response: 12986616
Conc: 263.35 ng/ml



#45 AR-1268-5

R.T.: 9.905 min
Delta R.T.: -0.011 min
Response: 8366732
Conc: 10.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.403 min
Delta R.T.: -0.008 min
Response: 3485554
Conc: 9.87 ng/ml