

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0032323\
 Data File : P0093475.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Mar 2023 12:53
 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 23 17:45:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\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	3.630	156.8E6	55287720	50.061	49.020
2)	SA Decachlor...	10.256	8.657	118.7E6	49891482	54.824	50.955
Target Compounds							
3)	L1 AR-1016-1	5.602	4.714	1815303	461467	18.998	12.892 #
4)	L1 AR-1016-2	5.627	4.733	2416922	382791	16.926	7.376 #
5)	L1 AR-1016-3	5.688	4.910	1164018	259039	12.829	9.363 #
6)	L1 AR-1016-4	5.786	4.952	755593	13884643	11.152	558.428 #
7)	L1 AR-1016-5	6.084	5.165	20328996	8401587	271.516	265.463
8)	L2 AR-1221-1	4.632	0.000	104749	0	2.591	N.D. #
9)	L2 AR-1221-2	4.733	3.929	2248154	776467	74.185	71.101
10)	L2 AR-1221-3	4.799	0.000	806605	0	8.823	N.D. #
11)	L3 AR-1232-1	4.799	0.000	806605	0	11.048	N.D. #
12)	L3 AR-1232-2	5.333	4.733	715866	382791	19.909	15.535
13)	L3 AR-1232-3	5.627	4.910	2416922	259039	36.919	20.475 #
14)	L3 AR-1232-4	5.786	4.993	755593	4248887	24.679	331.746 #
15)	L3 AR-1232-5	5.878	5.165	34873279	8401587	1256.757	599.081 #
16)	L4 AR-1242-1	5.602	4.714	1815303	461467	22.148	15.186 #
17)	L4 AR-1242-2	5.627	4.733	2416922	382791	20.137	8.622 #
18)	L4 AR-1242-3	5.688	4.910	1164018	259039	15.167	11.080 #
19)	L4 AR-1242-4	5.786	4.993	755593	4248887	13.184	163.104 #
20)	L4 AR-1242-5	6.534	5.518	19127374	30921598	306.087	1082.420 #
21)	L5 AR-1248-1	5.602	4.714	1815303	461467	29.202	19.830 #
22)	L5 AR-1248-2	5.878	4.952	34873279	13884643	365.128	383.125
23)	L5 AR-1248-3	6.084	4.993	20328996	4248887	195.360	113.223 #
24)	L5 AR-1248-4	6.490	5.165	26229437	8401587	257.578	195.288
25)	L5 AR-1248-5	6.534	5.558	19127374	3736908	186.865	101.609 #
26)	L6 AR-1254-1	6.465	5.518	57126167	30921598	488.842	492.667
27)	L6 AR-1254-2	6.685	5.666	84958287	27562202	497.217	489.110
28)	L6 AR-1254-3	7.054	6.071	86829434	42573547	522.321	494.501
29)	L6 AR-1254-4	7.342	6.300	57453437	23806033	538.970	520.569
30)	L6 AR-1254-5	7.765	6.720	66010469	37203675	487.490	503.760
31)	L7 AR-1260-1	7.221	6.202	37607700	21996234	290.289	361.789
32)	L7 AR-1260-2	7.479	6.391	40162044	18365004	272.055	254.023
33)	L7 AR-1260-3	7.825	6.543	10615789	17588479	94.379	263.030 #
34)	L7 AR-1260-4	8.056	7.019	24663717	1825305	192.328	33.168 #
35)	L7 AR-1260-5	8.396	7.261	9782360	4611474	43.782	39.170
36)	L8 AR-1262-1	7.765	6.720	66010469	37203675	664.065	995.588 #
37)	L8 AR-1262-2	8.396	7.261	9782360	4611474	41.219	38.725
38)	L8 AR-1262-3	8.730	7.608	7956698	4356749	47.114	48.202
39)	L8 AR-1262-4	8.778f	7.608	2766387	4356749	30.888	48.202 #
40)	L8 AR-1262-5	9.478	0.000	732693	0	7.671	N.D. #
41)	L9 AR-1268-1	8.730	7.608f	7956698	4356749	24.917	27.839

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 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

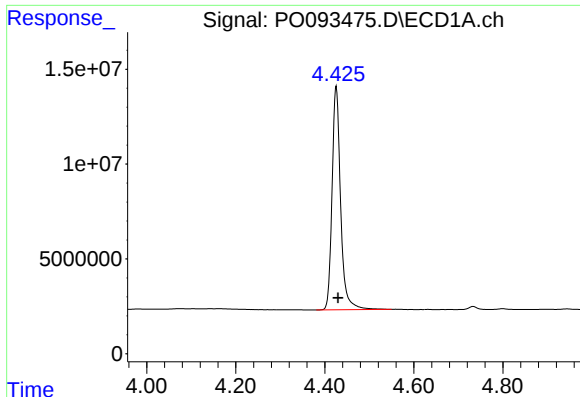
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 23 17:45:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031323.M
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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	8.778f	7.608	2766387	4356749	9.529	31.205 #
43) L9	AR-1268-3	9.047	0.000	403925	0	1.582	N.D. #
44) L9	AR-1268-4	9.478	0.000	732693	0	6.861	N.D. #
45) L9	AR-1268-5	9.908	0.000	390624	0	0.487	N.D. #

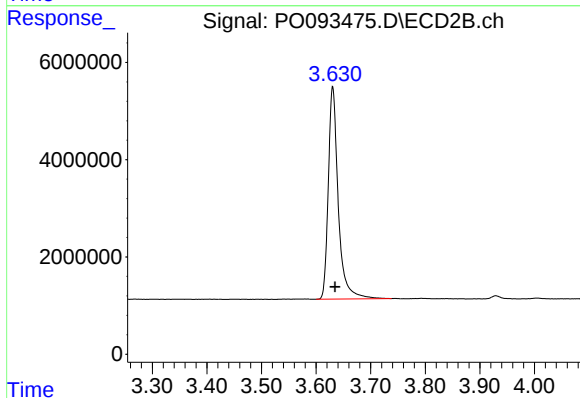
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

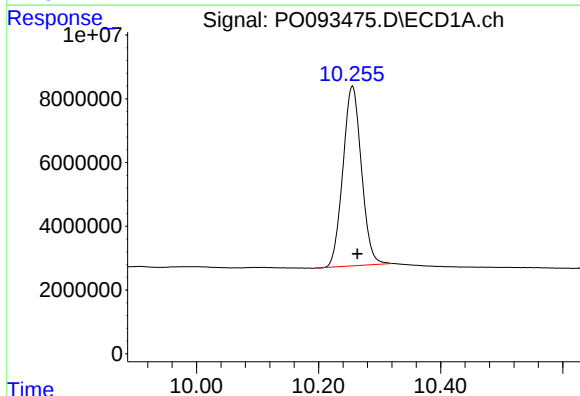
R.T.: 4.426 min
Delta R.T.: -0.004 min
Response: 156764817
Conc: 50.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



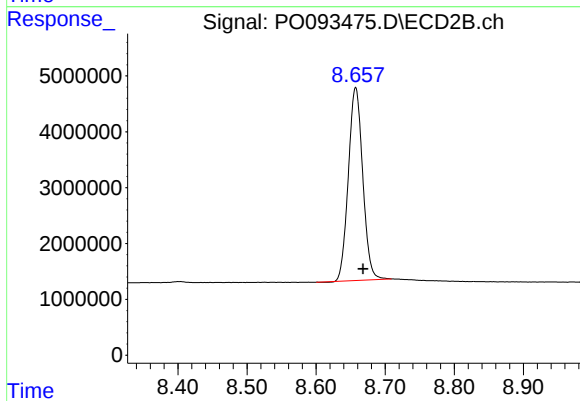
#1 Tetrachloro-m-xylene

R.T.: 3.630 min
Delta R.T.: -0.004 min
Response: 55287720
Conc: 49.02 ng/ml



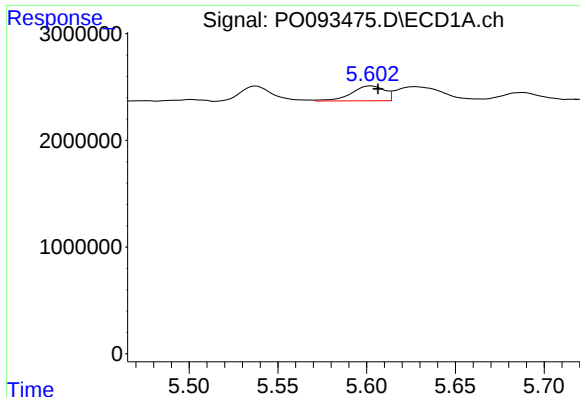
#2 Decachlorobiphenyl

R.T.: 10.256 min
Delta R.T.: -0.008 min
Response: 118655045
Conc: 54.82 ng/ml



#2 Decachlorobiphenyl

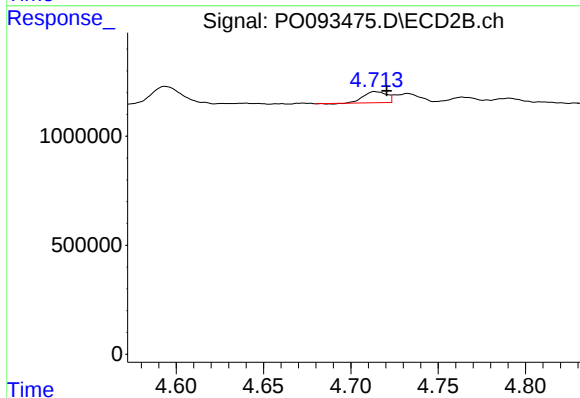
R.T.: 8.657 min
Delta R.T.: -0.011 min
Response: 49891482
Conc: 50.95 ng/ml



#3 AR-1016-1

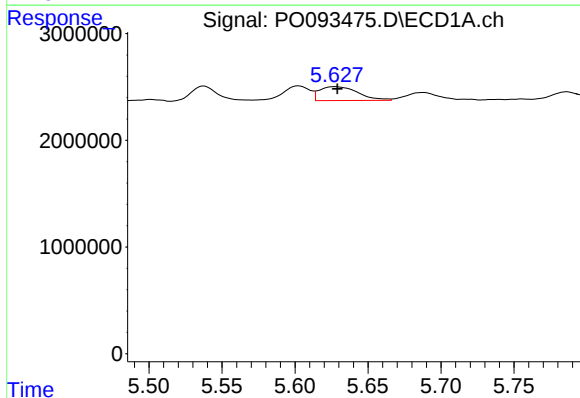
R.T.: 5.602 min
Delta R.T.: -0.004 min
Response: 1815303
Conc: 19.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



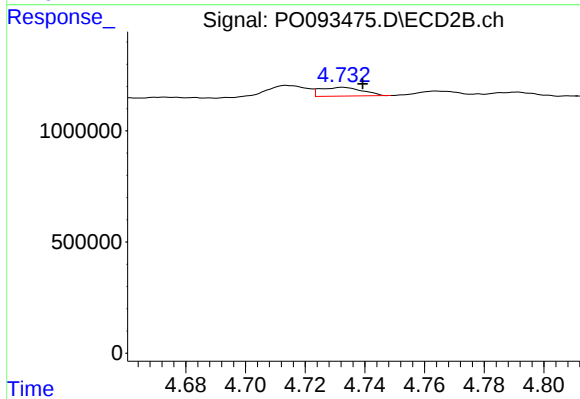
#3 AR-1016-1

R.T.: 4.714 min
Delta R.T.: -0.007 min
Response: 461467
Conc: 12.89 ng/ml



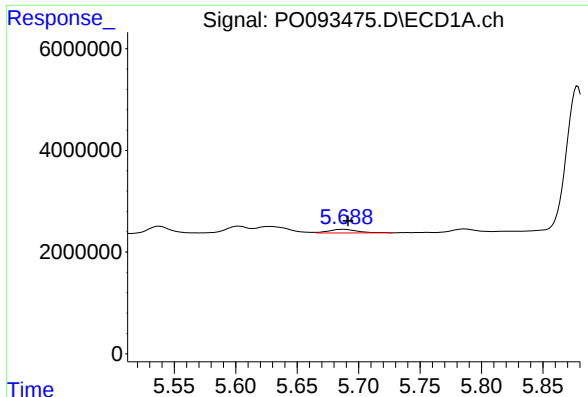
#4 AR-1016-2

R.T.: 5.627 min
Delta R.T.: -0.001 min
Response: 2416922
Conc: 16.93 ng/ml



#4 AR-1016-2

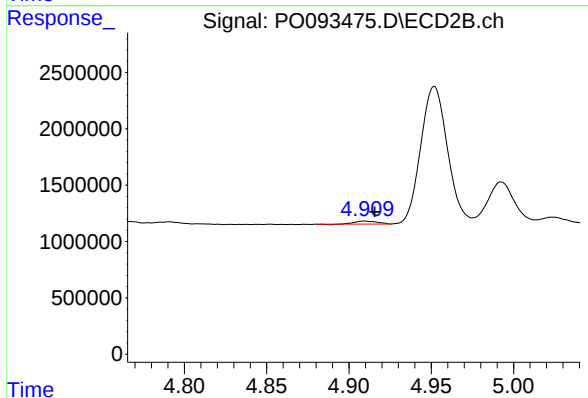
R.T.: 4.733 min
Delta R.T.: -0.007 min
Response: 382791
Conc: 7.38 ng/ml



#5 AR-1016-3

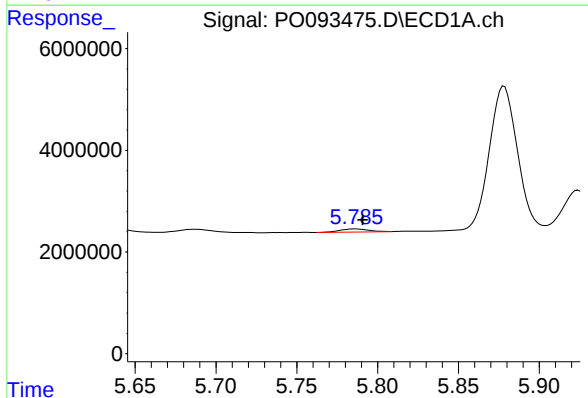
R.T.: 5.688 min
Delta R.T.: -0.004 min
Response: 1164018
Conc: 12.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



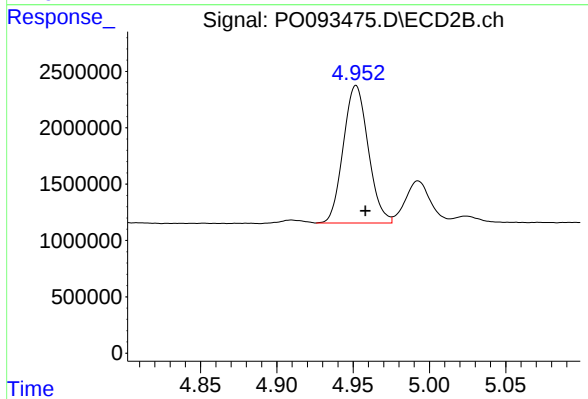
#5 AR-1016-3

R.T.: 4.910 min
Delta R.T.: -0.006 min
Response: 259039
Conc: 9.36 ng/ml



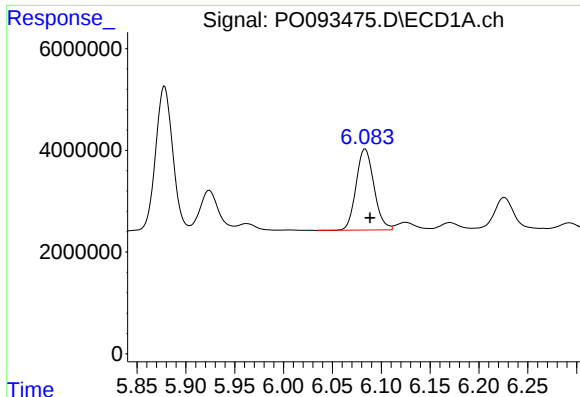
#6 AR-1016-4

R.T.: 5.786 min
Delta R.T.: -0.005 min
Response: 755593
Conc: 11.15 ng/ml



#6 AR-1016-4

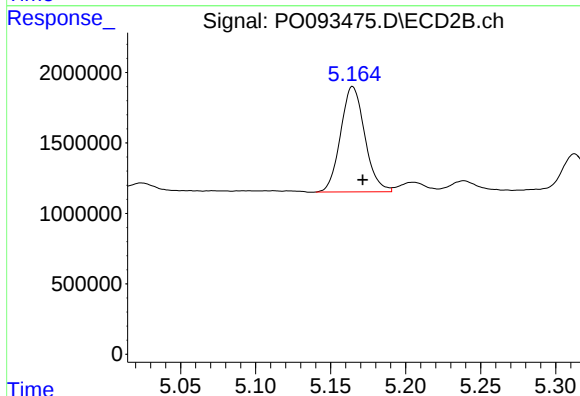
R.T.: 4.952 min
Delta R.T.: -0.006 min
Response: 13884643
Conc: 558.43 ng/ml



#7 AR-1016-5

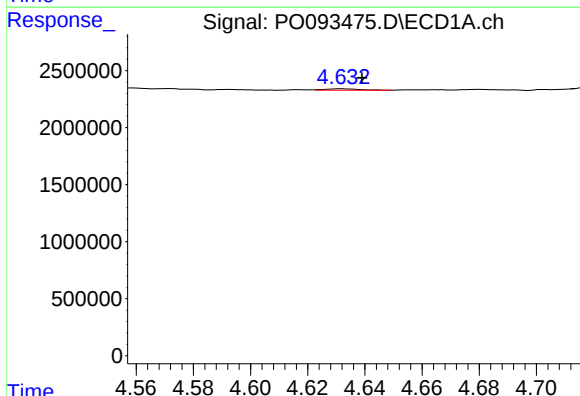
R.T.: 6.084 min
Delta R.T.: -0.005 min
Response: 20328996
Conc: 271.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



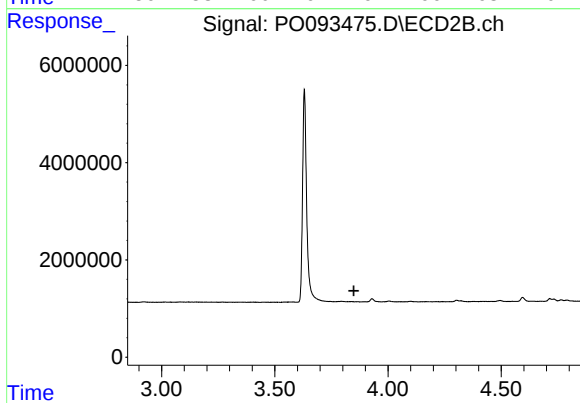
#7 AR-1016-5

R.T.: 5.165 min
Delta R.T.: -0.007 min
Response: 8401587
Conc: 265.46 ng/ml



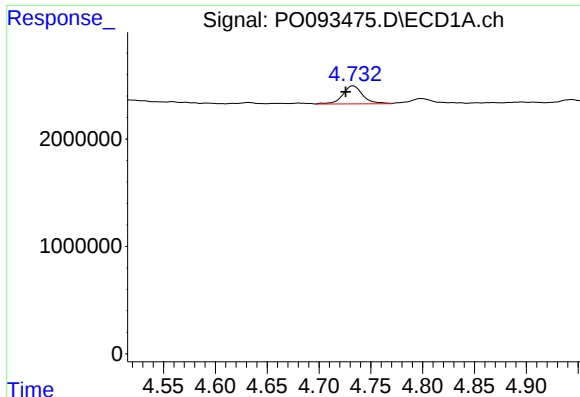
#8 AR-1221-1

R.T.: 4.632 min
Delta R.T.: -0.007 min
Response: 104749
Conc: 2.59 ng/ml



#8 AR-1221-1

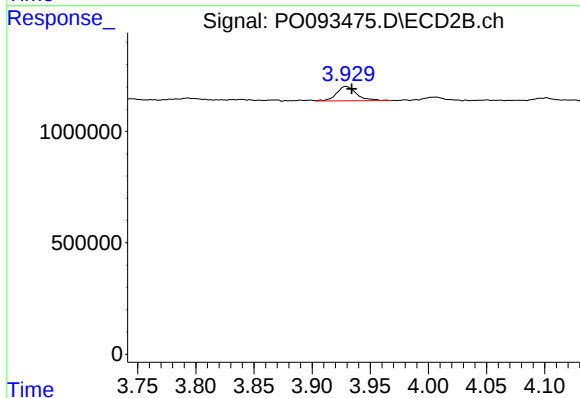
R.T.: 0.000 min
Exp R.T. : 3.849 min
Response: 0
Conc: N.D.



#9 AR-1221-2

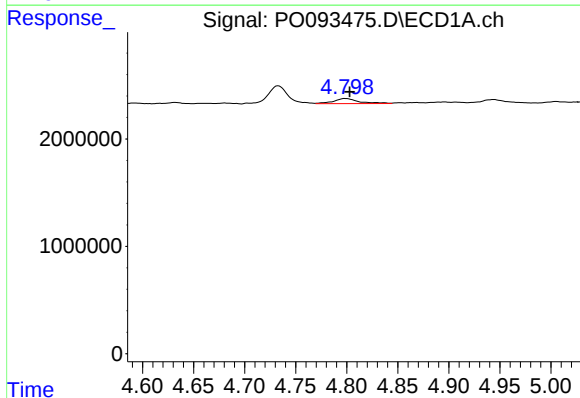
R.T.: 4.733 min
Delta R.T.: 0.007 min
Response: 2248154
Conc: 74.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



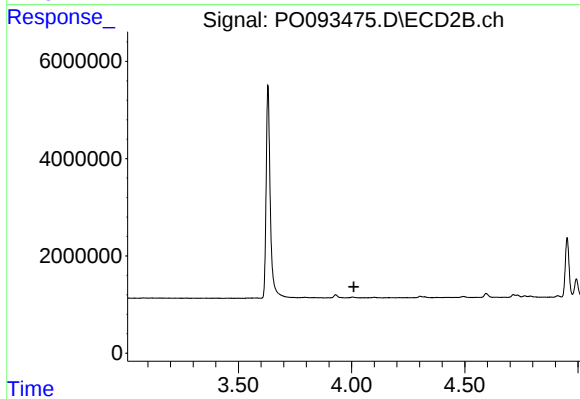
#9 AR-1221-2

R.T.: 3.929 min
Delta R.T.: -0.005 min
Response: 776467
Conc: 71.10 ng/ml



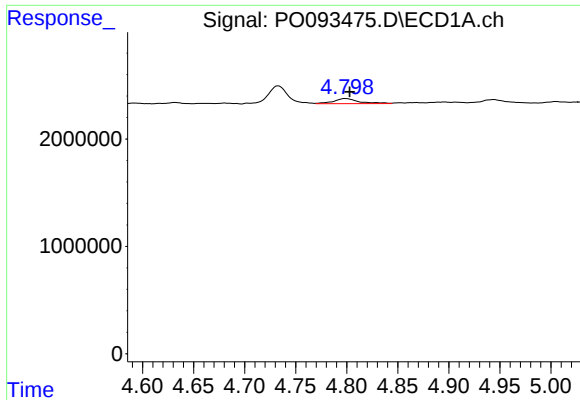
#10 AR-1221-3

R.T.: 4.799 min
Delta R.T.: -0.004 min
Response: 806605
Conc: 8.82 ng/ml



#10 AR-1221-3

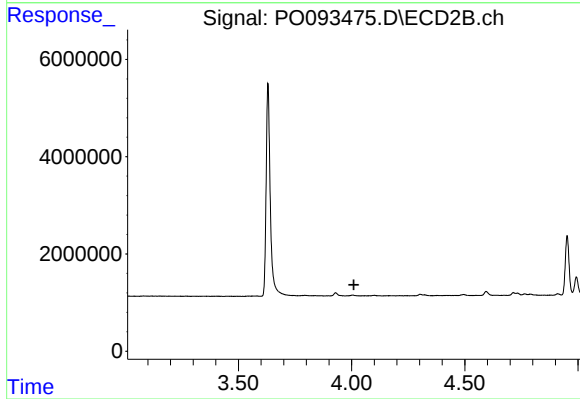
R.T.: 0.000 min
Exp R.T. : 4.010 min
Response: 0
Conc: N.D.



#11 AR-1232-1

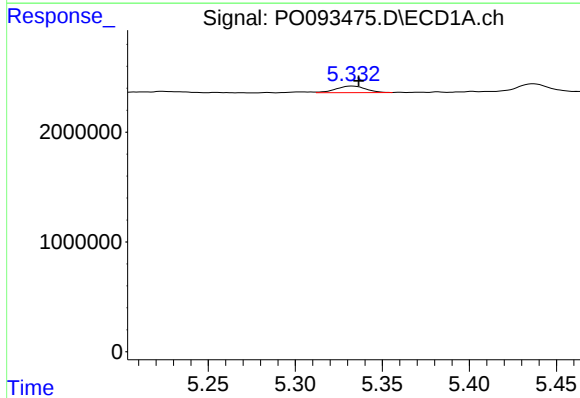
R.T.: 4.799 min
Delta R.T.: -0.004 min
Response: 806605
Conc: 11.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



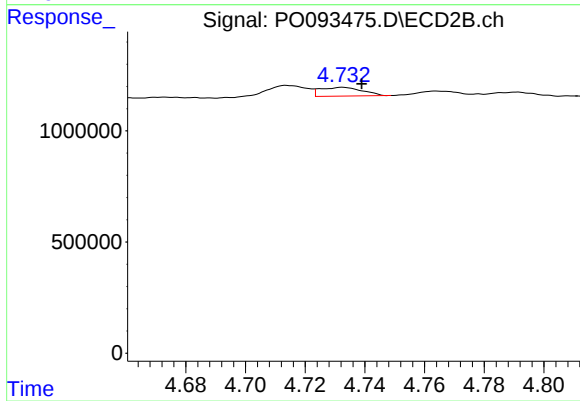
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.010 min
Response: 0
Conc: N.D.



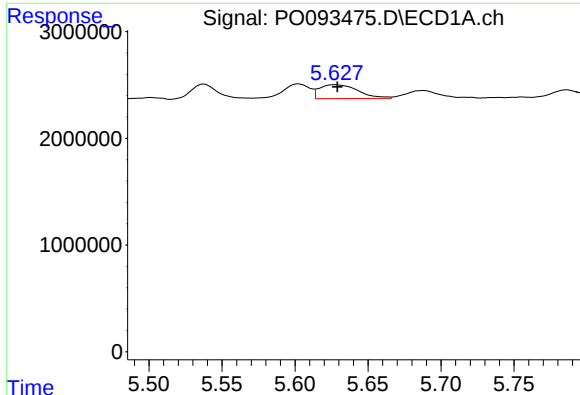
#12 AR-1232-2

R.T.: 5.333 min
Delta R.T.: -0.004 min
Response: 715866
Conc: 19.91 ng/ml



#12 AR-1232-2

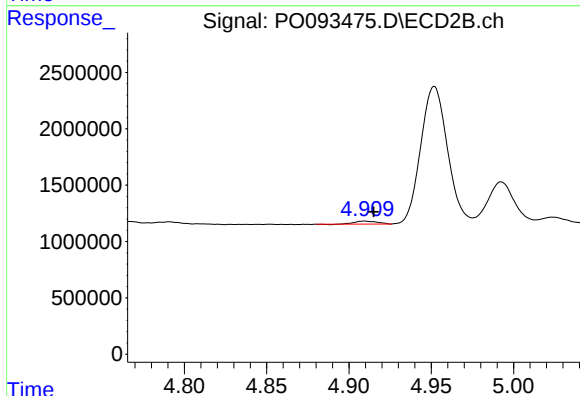
R.T.: 4.733 min
Delta R.T.: -0.006 min
Response: 382791
Conc: 15.54 ng/ml



#13 AR-1232-3

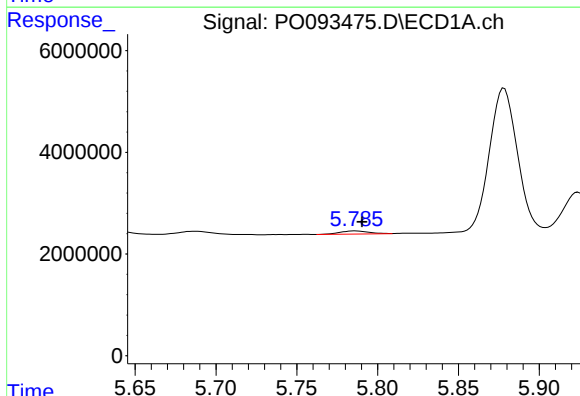
R.T.: 5.627 min
Delta R.T.: -0.002 min
Response: 2416922
Conc: 36.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



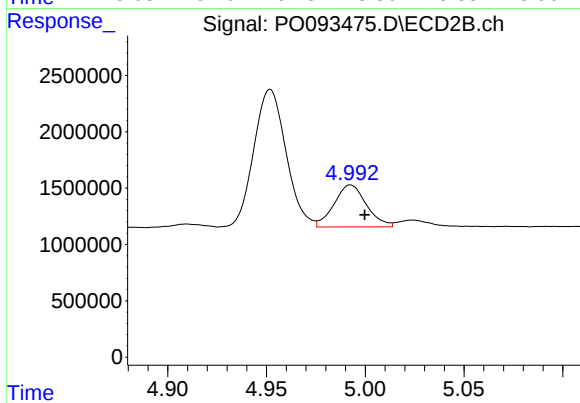
#13 AR-1232-3

R.T.: 4.910 min
Delta R.T.: -0.005 min
Response: 259039
Conc: 20.47 ng/ml



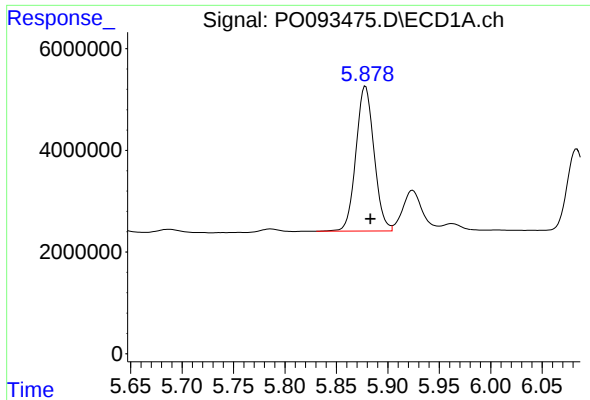
#14 AR-1232-4

R.T.: 5.786 min
Delta R.T.: -0.004 min
Response: 755593
Conc: 24.68 ng/ml



#14 AR-1232-4

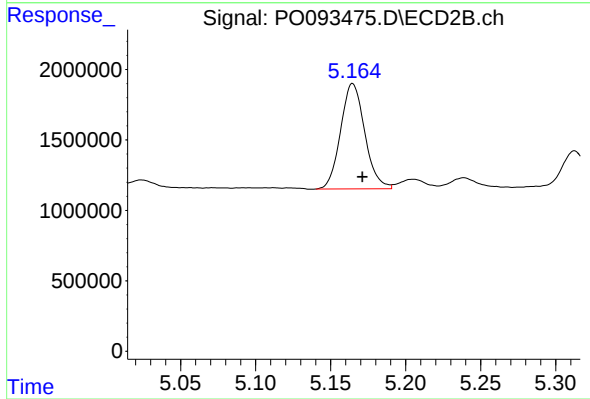
R.T.: 4.993 min
Delta R.T.: -0.007 min
Response: 4248887
Conc: 331.75 ng/ml



#15 AR-1232-5

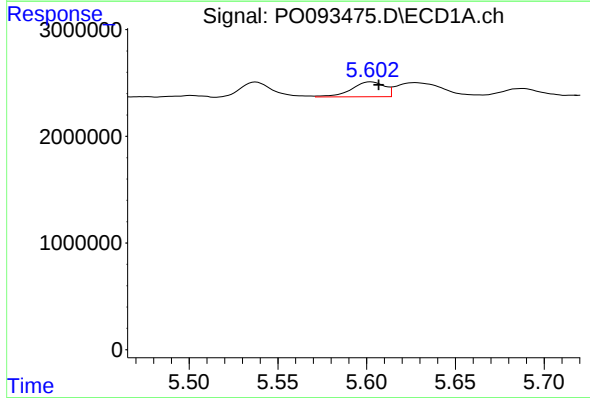
R.T.: 5.878 min
Delta R.T.: -0.005 min
Response: 34873279
Conc: 1256.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



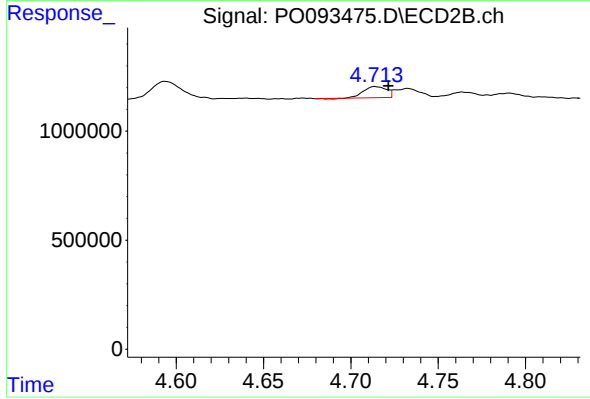
#15 AR-1232-5

R.T.: 5.165 min
Delta R.T.: -0.006 min
Response: 8401587
Conc: 599.08 ng/ml



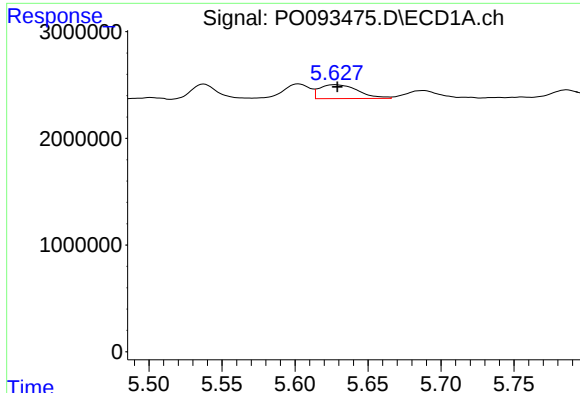
#16 AR-1242-1

R.T.: 5.602 min
Delta R.T.: -0.004 min
Response: 1815303
Conc: 22.15 ng/ml



#16 AR-1242-1

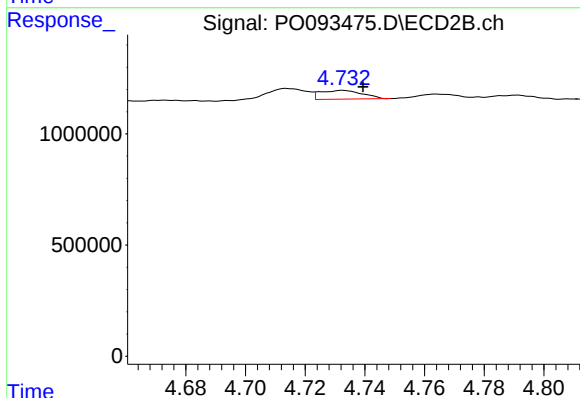
R.T.: 4.714 min
Delta R.T.: -0.007 min
Response: 461467
Conc: 15.19 ng/ml



#17 AR-1242-2

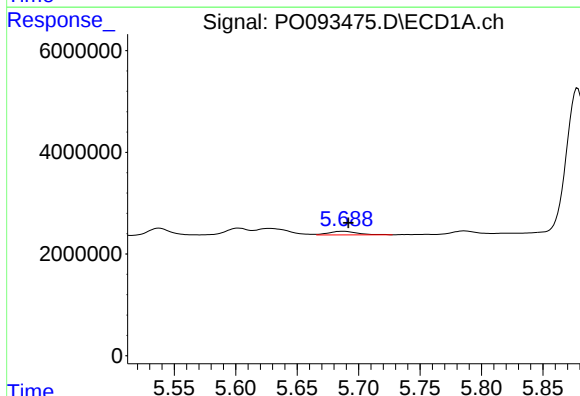
R.T.: 5.627 min
Delta R.T.: -0.002 min
Response: 2416922
Conc: 20.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



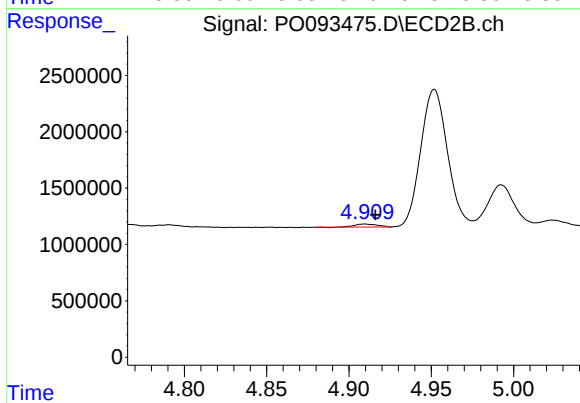
#17 AR-1242-2

R.T.: 4.733 min
Delta R.T.: -0.007 min
Response: 382791
Conc: 8.62 ng/ml



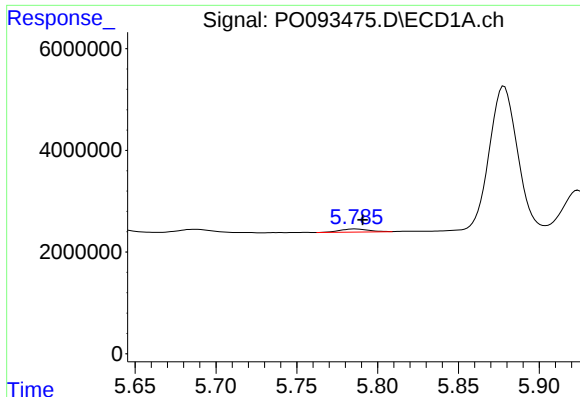
#18 AR-1242-3

R.T.: 5.688 min
Delta R.T.: -0.004 min
Response: 1164018
Conc: 15.17 ng/ml



#18 AR-1242-3

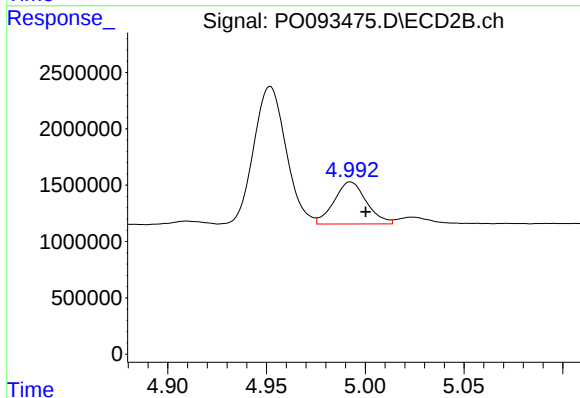
R.T.: 4.910 min
Delta R.T.: -0.006 min
Response: 259039
Conc: 11.08 ng/ml



#19 AR-1242-4

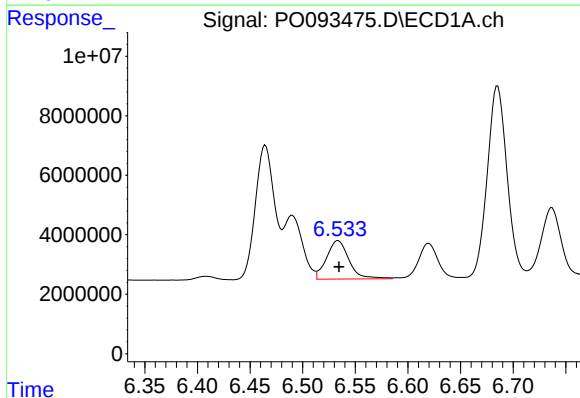
R.T.: 5.786 min
Delta R.T.: -0.005 min
Response: 755593
Conc: 13.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



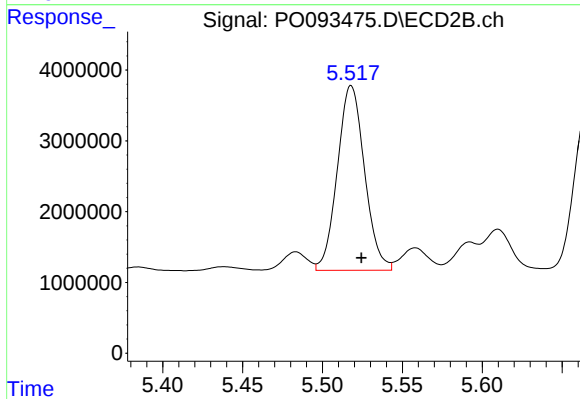
#19 AR-1242-4

R.T.: 4.993 min
Delta R.T.: -0.008 min
Response: 4248887
Conc: 163.10 ng/ml



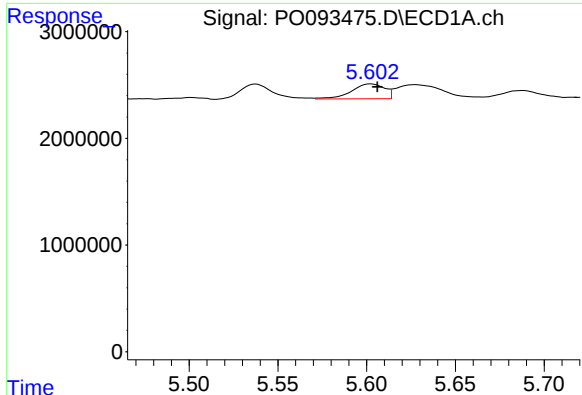
#20 AR-1242-5

R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 19127374
Conc: 306.09 ng/ml



#20 AR-1242-5

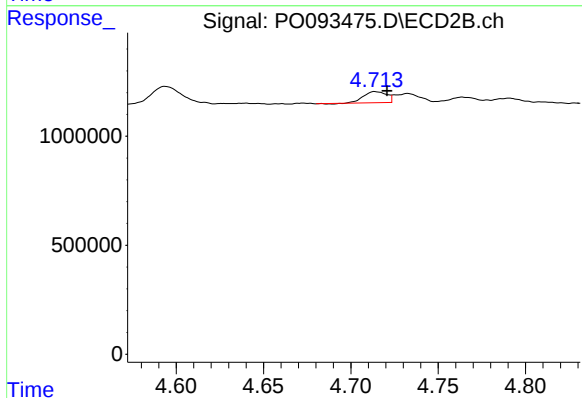
R.T.: 5.518 min
Delta R.T.: -0.006 min
Response: 30921598
Conc: 1082.42 ng/ml



#21 AR-1248-1

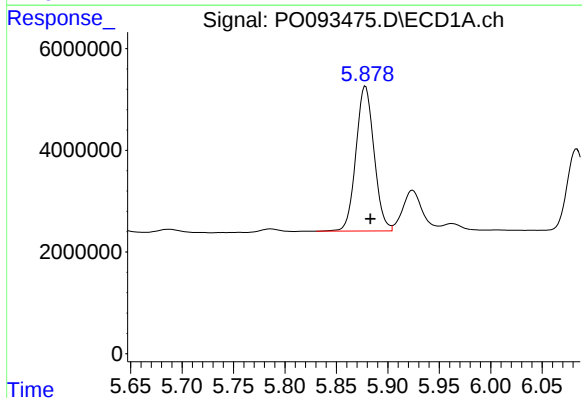
R.T.: 5.602 min
Delta R.T.: -0.004 min
Response: 1815303
Conc: 29.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



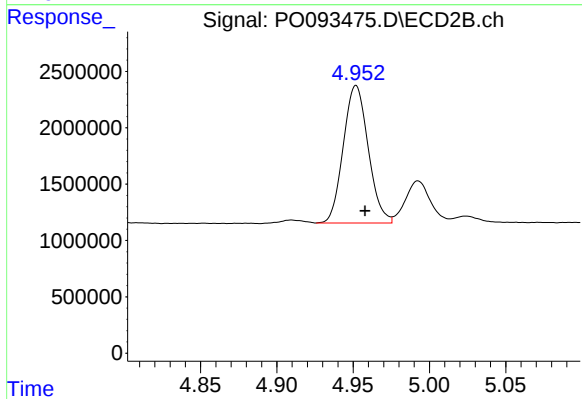
#21 AR-1248-1

R.T.: 4.714 min
Delta R.T.: -0.007 min
Response: 461467
Conc: 19.83 ng/ml



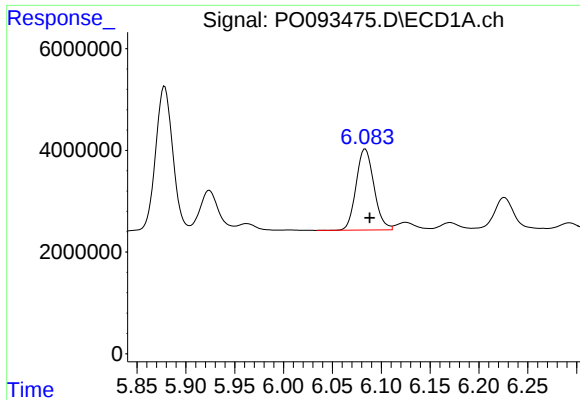
#22 AR-1248-2

R.T.: 5.878 min
Delta R.T.: -0.005 min
Response: 34873279
Conc: 365.13 ng/ml



#22 AR-1248-2

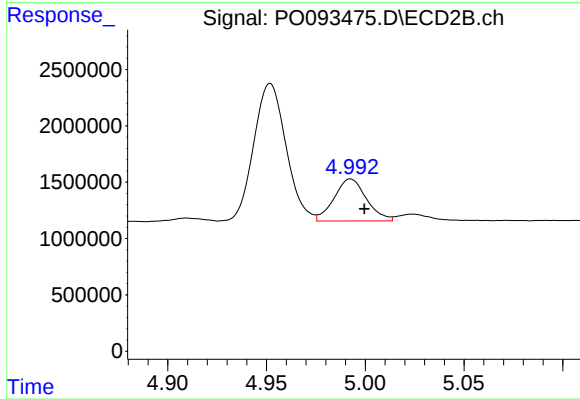
R.T.: 4.952 min
Delta R.T.: -0.006 min
Response: 13884643
Conc: 383.12 ng/ml



#23 AR-1248-3

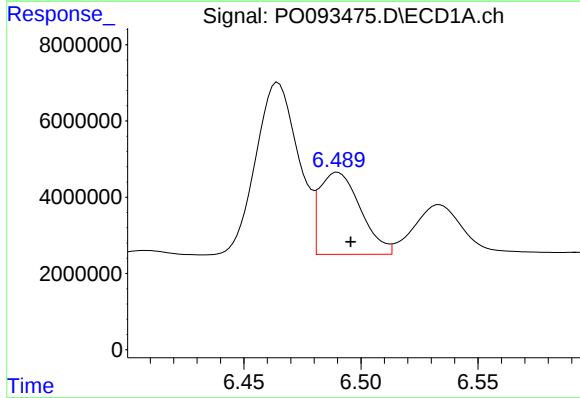
R.T.: 6.084 min
Delta R.T.: -0.005 min
Response: 20328996
Conc: 195.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



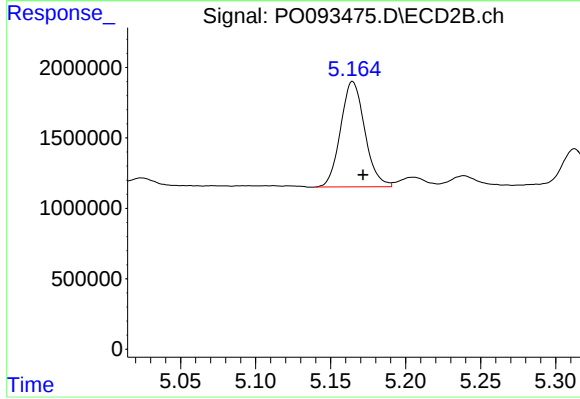
#23 AR-1248-3

R.T.: 4.993 min
Delta R.T.: -0.007 min
Response: 4248887
Conc: 113.22 ng/ml



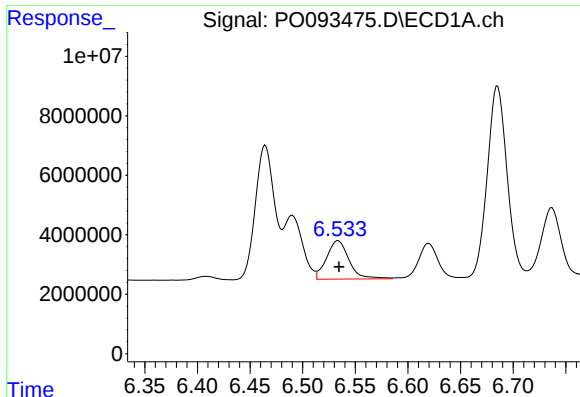
#24 AR-1248-4

R.T.: 6.490 min
Delta R.T.: -0.006 min
Response: 26229437
Conc: 257.58 ng/ml



#24 AR-1248-4

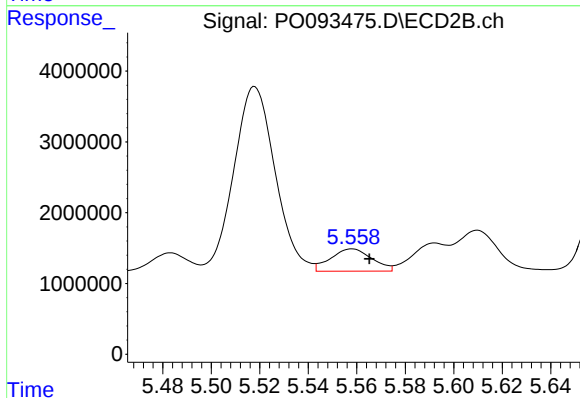
R.T.: 5.165 min
Delta R.T.: -0.007 min
Response: 8401587
Conc: 195.29 ng/ml



#25 AR-1248-5

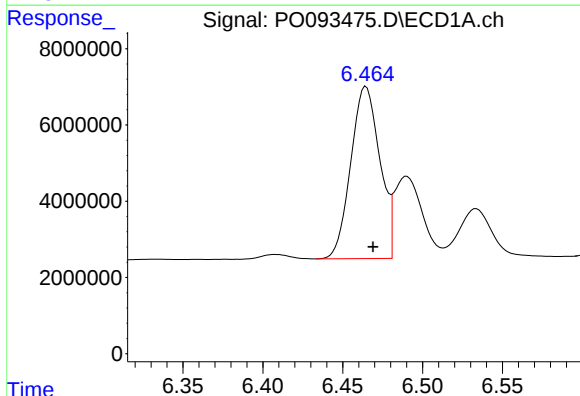
R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 19127374
Conc: 186.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



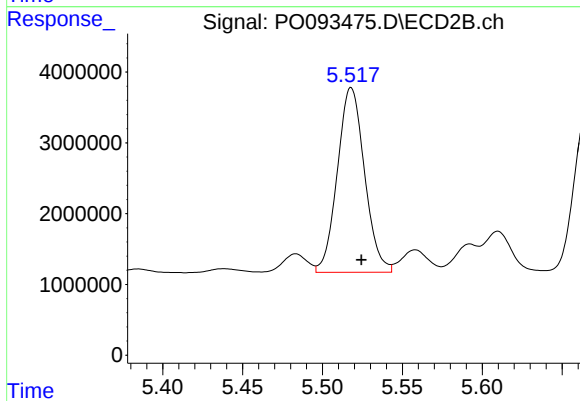
#25 AR-1248-5

R.T.: 5.558 min
Delta R.T.: -0.007 min
Response: 3736908
Conc: 101.61 ng/ml



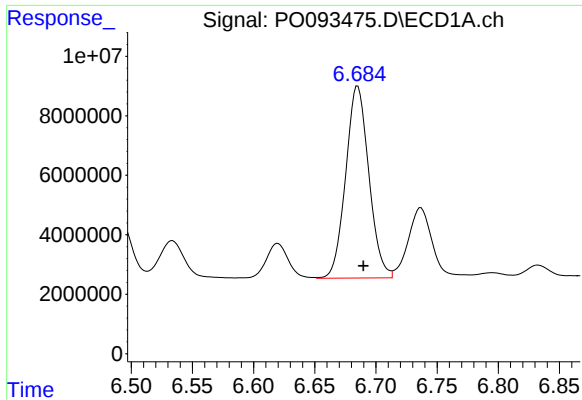
#26 AR-1254-1

R.T.: 6.465 min
Delta R.T.: -0.004 min
Response: 57126167
Conc: 488.84 ng/ml



#26 AR-1254-1

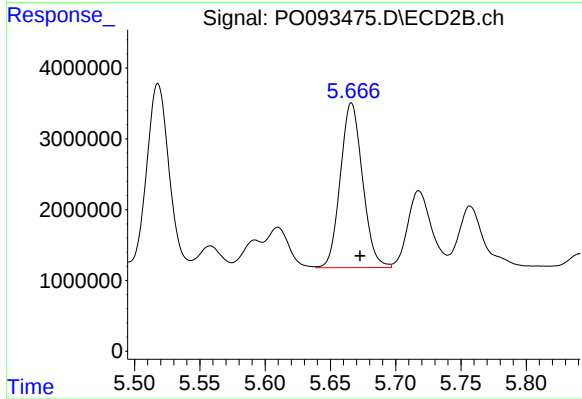
R.T.: 5.518 min
Delta R.T.: -0.006 min
Response: 30921598
Conc: 492.67 ng/ml



#27 AR-1254-2

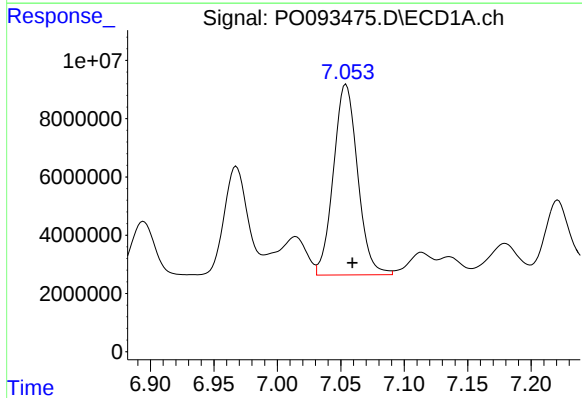
R.T.: 6.685 min
Delta R.T.: -0.005 min
Response: 84958287
Conc: 497.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



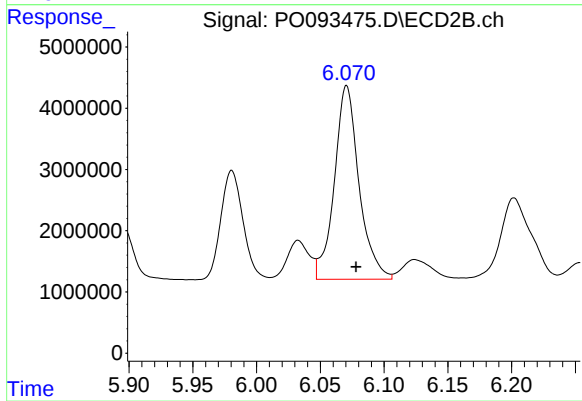
#27 AR-1254-2

R.T.: 5.666 min
Delta R.T.: -0.007 min
Response: 27562202
Conc: 489.11 ng/ml



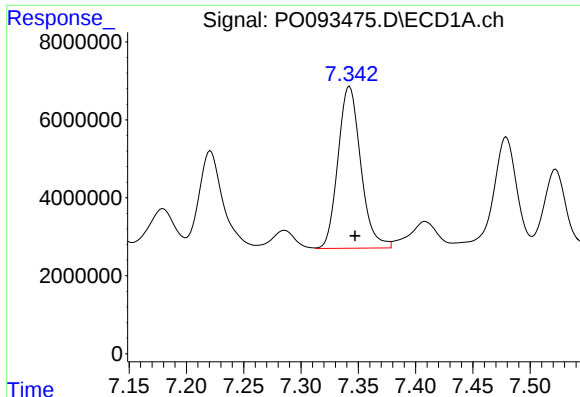
#28 AR-1254-3

R.T.: 7.054 min
Delta R.T.: -0.005 min
Response: 86829434
Conc: 522.32 ng/ml



#28 AR-1254-3

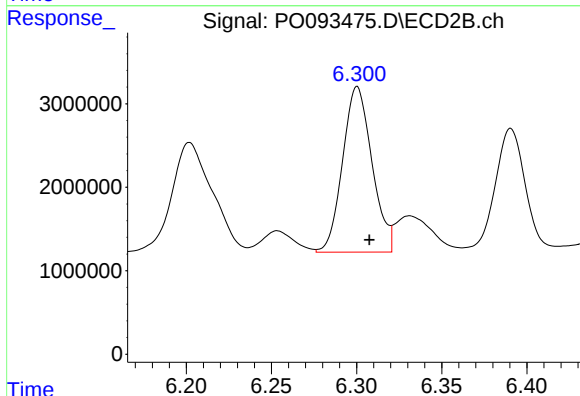
R.T.: 6.071 min
Delta R.T.: -0.007 min
Response: 42573547
Conc: 494.50 ng/ml



#29 AR-1254-4

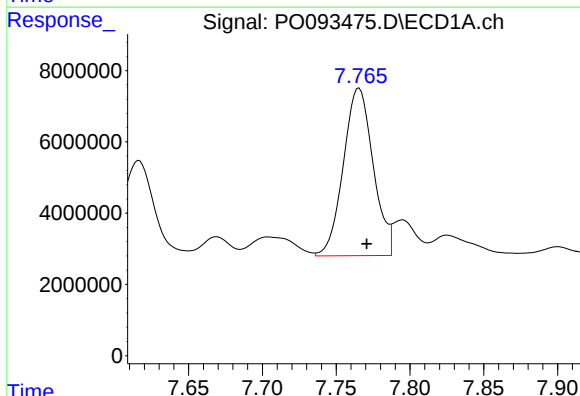
R.T.: 7.342 min
Delta R.T.: -0.005 min
Response: 57453437
Conc: 538.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



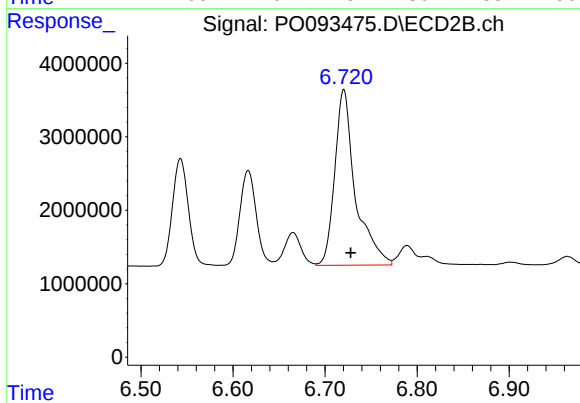
#29 AR-1254-4

R.T.: 6.300 min
Delta R.T.: -0.007 min
Response: 23806033
Conc: 520.57 ng/ml



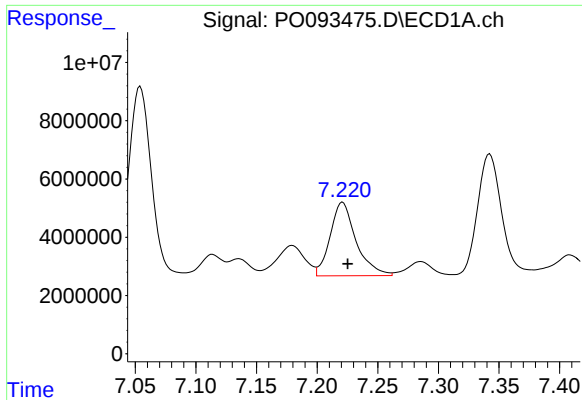
#30 AR-1254-5

R.T.: 7.765 min
Delta R.T.: -0.005 min
Response: 66010469
Conc: 487.49 ng/ml



#30 AR-1254-5

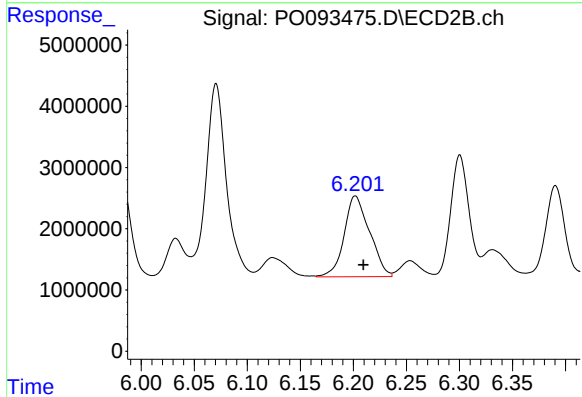
R.T.: 6.720 min
Delta R.T.: -0.007 min
Response: 37203675
Conc: 503.76 ng/ml



#31 AR-1260-1

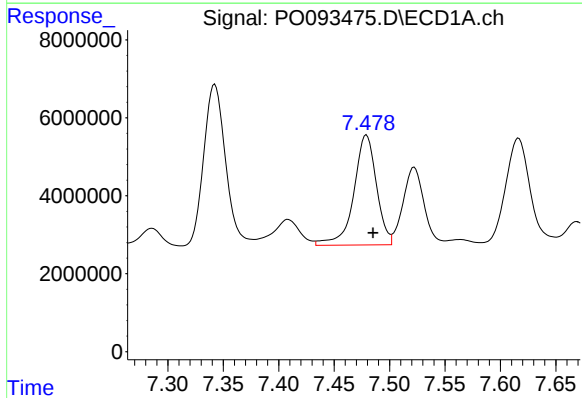
R.T.: 7.221 min
Delta R.T.: -0.004 min
Response: 37607700
Conc: 290.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



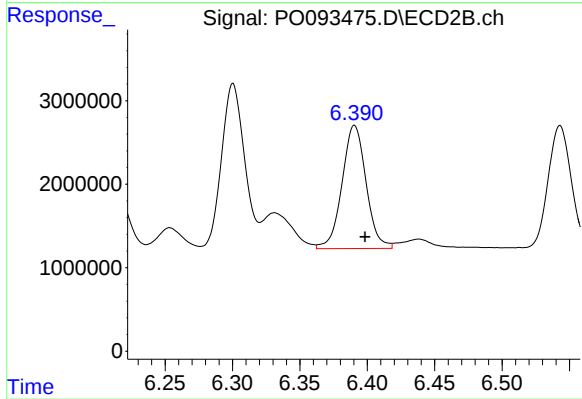
#31 AR-1260-1

R.T.: 6.202 min
Delta R.T.: -0.008 min
Response: 21996234
Conc: 361.79 ng/ml



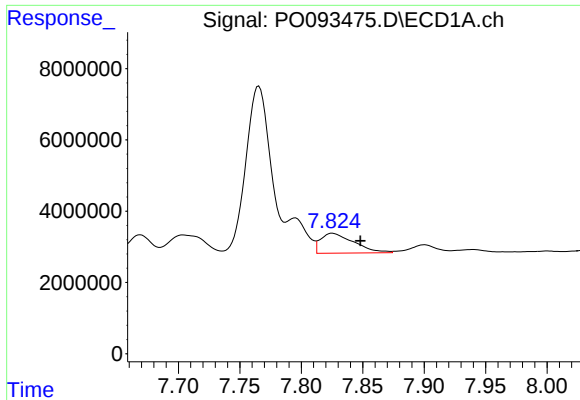
#32 AR-1260-2

R.T.: 7.479 min
Delta R.T.: -0.006 min
Response: 40162044
Conc: 272.05 ng/ml



#32 AR-1260-2

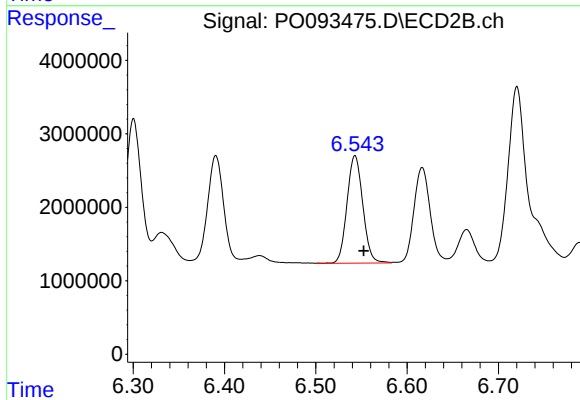
R.T.: 6.391 min
Delta R.T.: -0.008 min
Response: 18365004
Conc: 254.02 ng/ml



#33 AR-1260-3

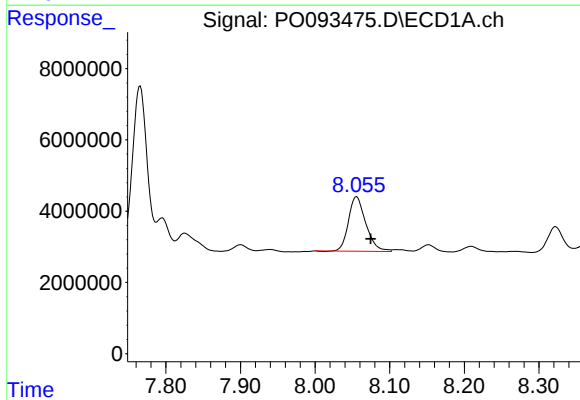
R.T.: 7.825 min
Delta R.T.: -0.023 min
Response: 10615789
Conc: 94.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



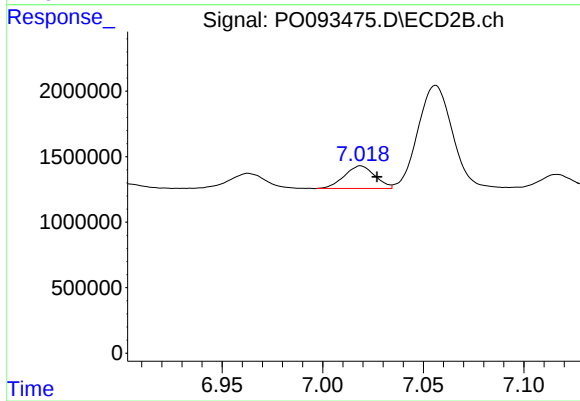
#33 AR-1260-3

R.T.: 6.543 min
Delta R.T.: -0.009 min
Response: 17588479
Conc: 263.03 ng/ml



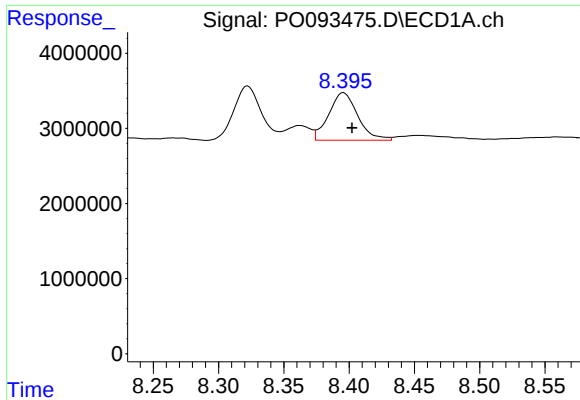
#34 AR-1260-4

R.T.: 8.056 min
Delta R.T.: -0.019 min
Response: 24663717
Conc: 192.33 ng/ml



#34 AR-1260-4

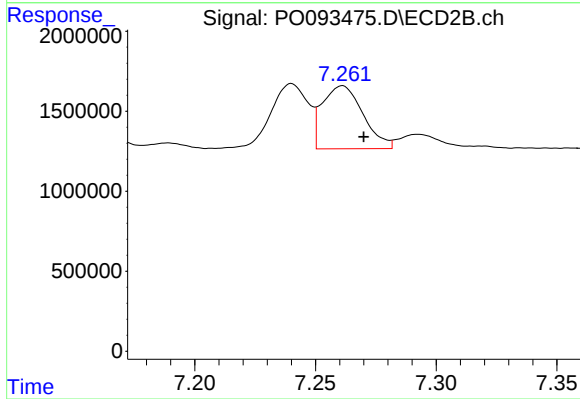
R.T.: 7.019 min
Delta R.T.: -0.008 min
Response: 1825305
Conc: 33.17 ng/ml



#35 AR-1260-5

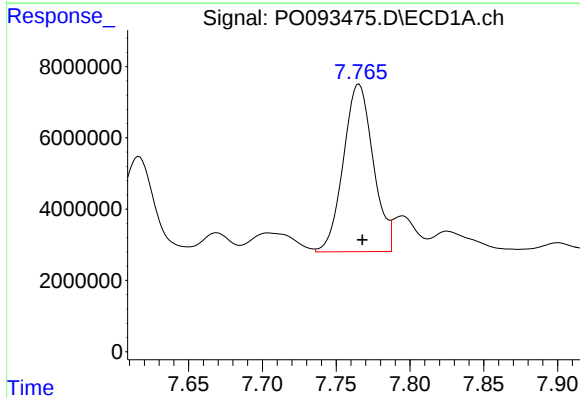
R.T.: 8.396 min
Delta R.T.: -0.007 min
Response: 9782360
Conc: 43.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



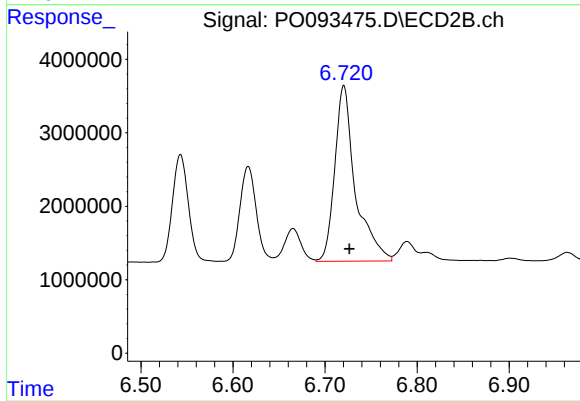
#35 AR-1260-5

R.T.: 7.261 min
Delta R.T.: -0.009 min
Response: 4611474
Conc: 39.17 ng/ml



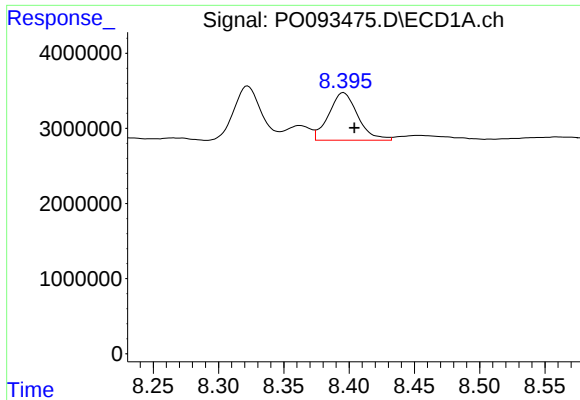
#36 AR-1262-1

R.T.: 7.765 min
Delta R.T.: -0.002 min
Response: 66010469
Conc: 664.06 ng/ml



#36 AR-1262-1

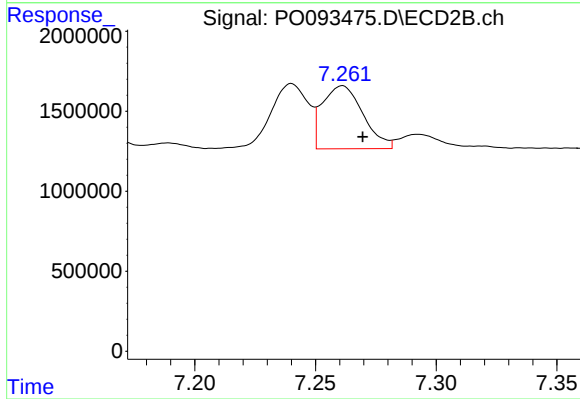
R.T.: 6.720 min
Delta R.T.: -0.006 min
Response: 37203675
Conc: 995.59 ng/ml



#37 AR-1262-2

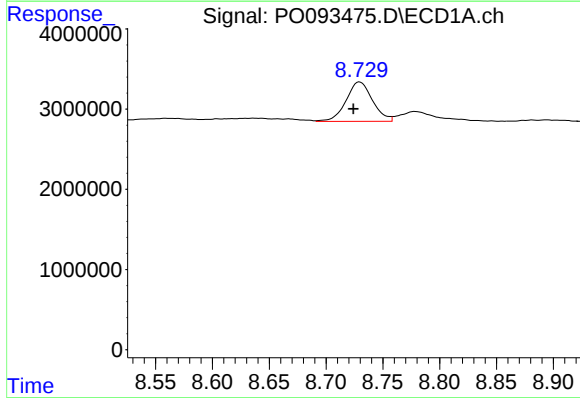
R.T.: 8.396 min
Delta R.T.: -0.008 min
Response: 9782360
Conc: 41.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



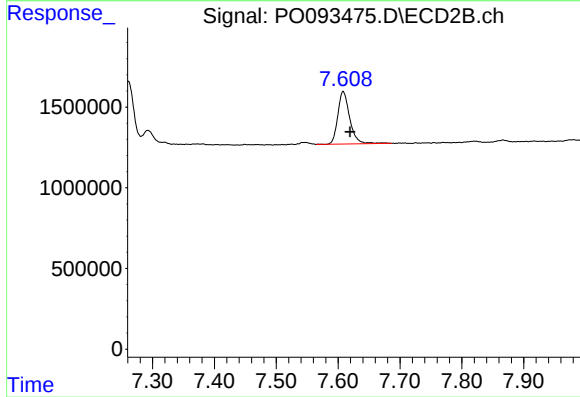
#37 AR-1262-2

R.T.: 7.261 min
Delta R.T.: -0.008 min
Response: 4611474
Conc: 38.72 ng/ml



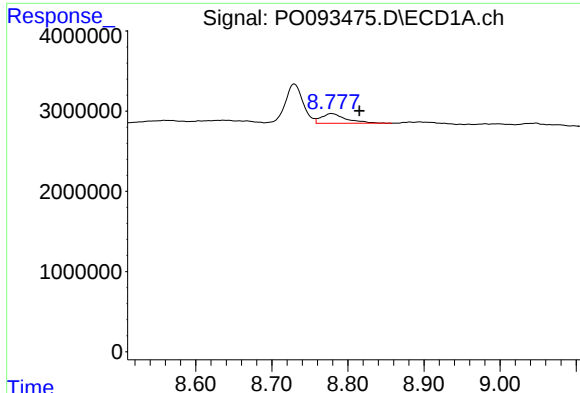
#38 AR-1262-3

R.T.: 8.730 min
Delta R.T.: 0.006 min
Response: 7956698
Conc: 47.11 ng/ml



#38 AR-1262-3

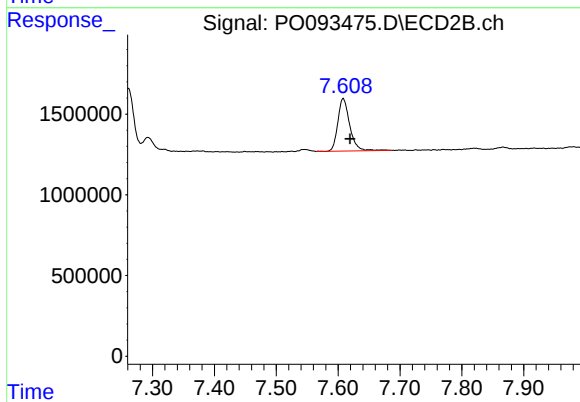
R.T.: 7.608 min
Delta R.T.: -0.011 min
Response: 4356749
Conc: 48.20 ng/ml



#39 AR-1262-4

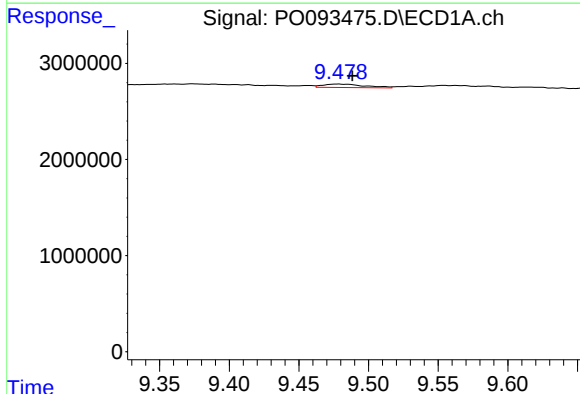
R.T.: 8.778 min
Delta R.T.: -0.037 min
Response: 2766387
Conc: 30.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



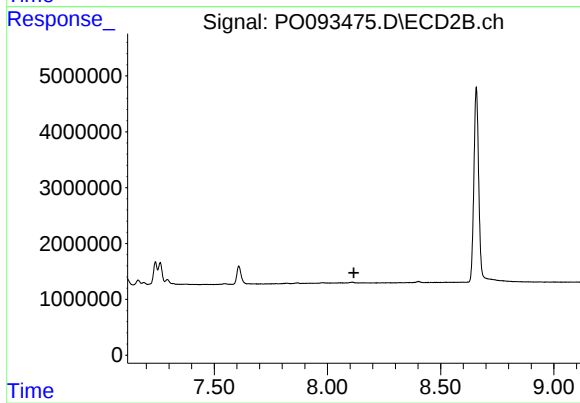
#39 AR-1262-4

R.T.: 7.608 min
Delta R.T.: -0.011 min
Response: 4356749
Conc: 48.20 ng/ml



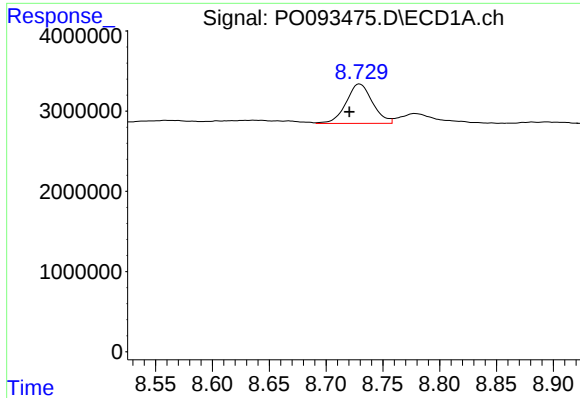
#40 AR-1262-5

R.T.: 9.478 min
Delta R.T.: -0.010 min
Response: 732693
Conc: 7.67 ng/ml



#40 AR-1262-5

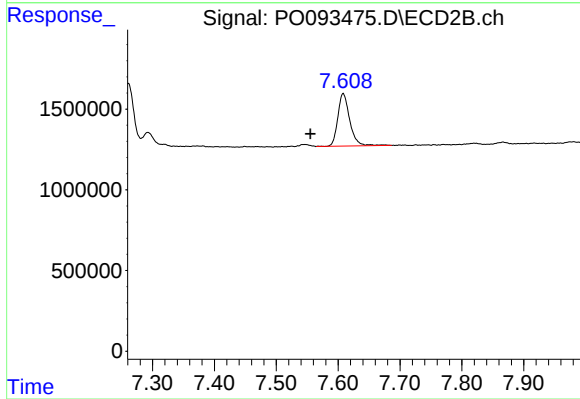
R.T.: 0.000 min
Exp R.T. : 8.117 min
Response: 0
Conc: N.D.



#41 AR-1268-1

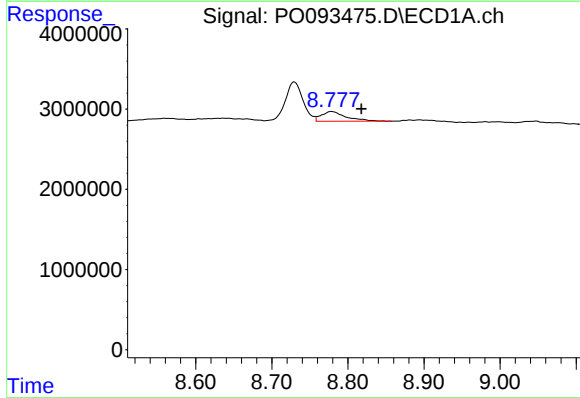
R.T.: 8.730 min
Delta R.T.: 0.009 min
Response: 7956698
Conc: 24.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



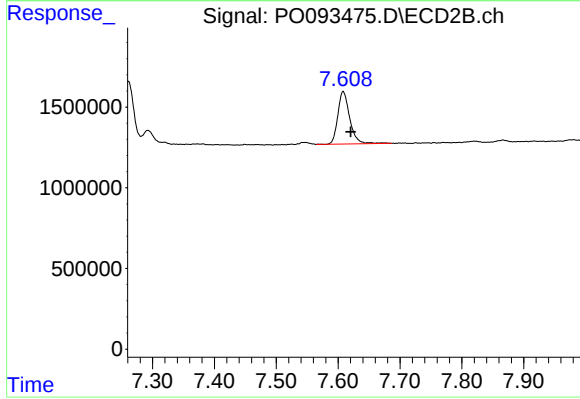
#41 AR-1268-1

R.T.: 7.608 min
Delta R.T.: 0.053 min
Response: 4356749
Conc: 27.84 ng/ml



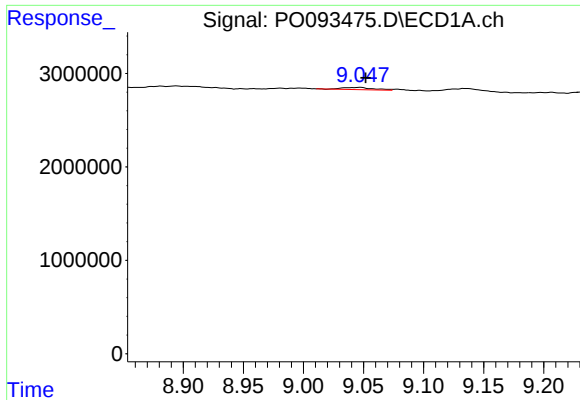
#42 AR-1268-2

R.T.: 8.778 min
Delta R.T.: -0.039 min
Response: 2766387
Conc: 9.53 ng/ml



#42 AR-1268-2

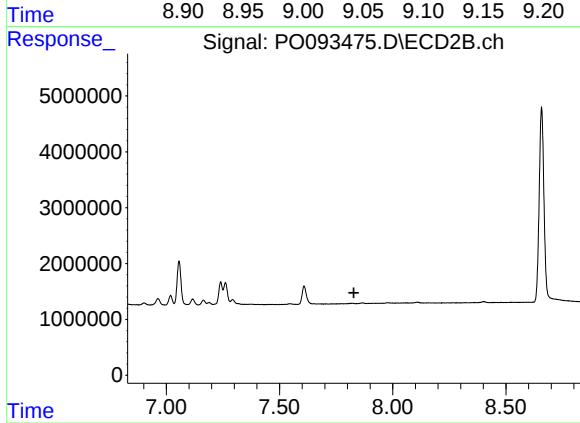
R.T.: 7.608 min
Delta R.T.: -0.012 min
Response: 4356749
Conc: 31.21 ng/ml



#43 AR-1268-3

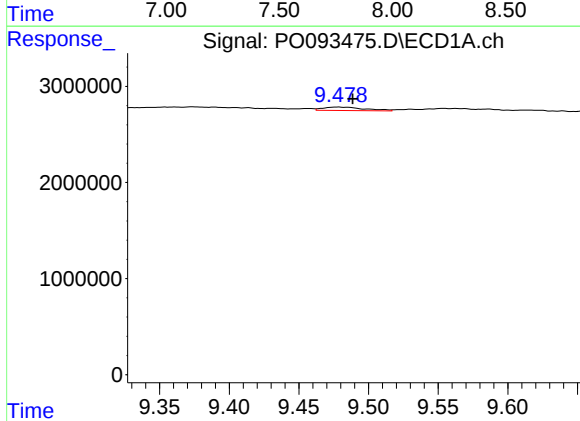
R.T.: 9.047 min
Delta R.T.: -0.005 min
Response: 403925
Conc: 1.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



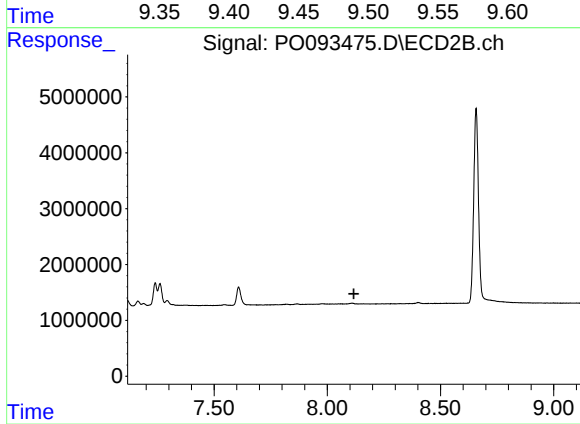
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.828 min
Response: 0
Conc: N.D.



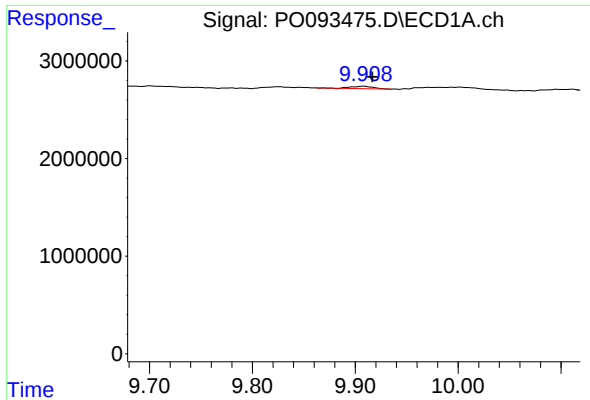
#44 AR-1268-4

R.T.: 9.478 min
Delta R.T.: -0.010 min
Response: 732693
Conc: 6.86 ng/ml



#44 AR-1268-4

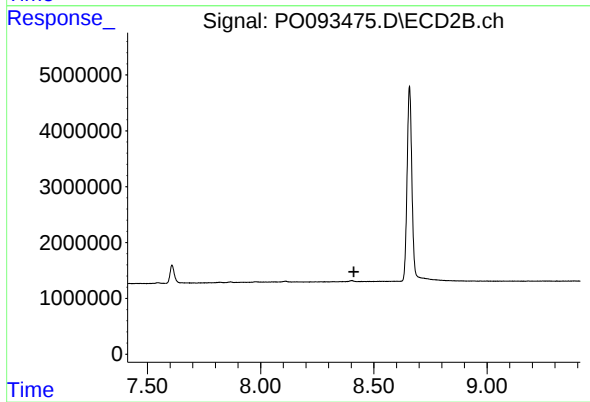
R.T.: 0.000 min
Exp R.T. : 8.118 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.908 min
Delta R.T.: -0.009 min
Response: 390624
Conc: 0.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.411 min
Response: 0
Conc: N.D.