

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081423\
 Data File : P0097016.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2023 09:24
 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: Aug 14 15:39:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 08 04:34:41 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...	4.412	3.616	167.7E6	63999852	50.674	48.346
2)	SA Decachlor...	10.351	8.633	116.3E6	52423612	53.163	45.313
Target Compounds							
3)	L1 AR-1016-1	5.598	4.701	49001016	20717449	520.271	467.283
4)	L1 AR-1016-2	5.621	4.719	69790630	29717701	521.704	485.815
5)	L1 AR-1016-3	5.684	4.896	43244192	15532704	496.939	475.465
6)	L1 AR-1016-4	5.785	4.938	34316662	13119374	510.890	458.938
7)	L1 AR-1016-5	6.086	5.151	34799727	17533831	498.442	456.058
8)	L2 AR-1221-1	4.619	3.828	6349031	2363394	155.785	136.163
9)	L2 AR-1221-2	4.711	3.915	8709171	3289877	286.676	254.620
10)	L2 AR-1221-3	4.788	3.990	30564469	12392625	349.182	312.204
11)	L3 AR-1232-1	4.788	3.990	30564469	12392625	419.073	383.114
12)	L3 AR-1232-2	5.325	4.719	40807813	29717701	1029.307	1029.985
13)	L3 AR-1232-3	5.621	4.896	69790630	15532704	1140.880	1024.459
14)	L3 AR-1232-4	5.785	4.979	34316662	16208072	1124.627	1084.540
15)	L3 AR-1232-5	5.878	5.151	31207161	17533831	1115.211	1072.617
16)	L4 AR-1242-1	5.598	4.701	49001016	20717449	584.620	525.491
17)	L4 AR-1242-2	5.621	4.719	69790630	29717701	592.642	545.370
18)	L4 AR-1242-3	5.684	4.896	43244192	15532704	585.390	525.311
19)	L4 AR-1242-4	5.785	4.979	34316662	16208072	576.457	514.315
20)	L4 AR-1242-5	6.539	5.504	7951795	16269783	144.526	446.528 #
21)	L5 AR-1248-1	5.598	4.701	49001016	20717449	836.279	738.260
22)	L5 AR-1248-2	5.878	4.938	31207161	13119374	331.929	309.558
23)	L5 AR-1248-3	6.086	4.979	34799727	16208072	355.793	369.499
24)	L5 AR-1248-4	6.499	5.151	9831871	17533831	108.229	343.465 #
25)	L5 AR-1248-5	6.539	5.545	7951795	4079277	90.273	87.254
26)	L6 AR-1254-1	6.472	5.504	29013469	16269783	265.471	220.469
27)	L6 AR-1254-2	6.696	5.653	25249205	12311824	156.606	186.882
28)	L6 AR-1254-3	7.074	6.072	13160335	22237372	83.986	220.036 #
29)	L6 AR-1254-4	7.366	6.287	7417634	1726194	73.574	29.826 #
30)	L6 AR-1254-5	7.796	6.705	77514232	39841723	690.769	453.184 #
31)	L7 AR-1260-1	7.242	6.188	68825549	32558152	547.591	462.684
32)	L7 AR-1260-2	7.505	6.377	69233068	38070038	513.846	456.130
33)	L7 AR-1260-3	7.875	6.530	52758424	34397921	508.397	445.456
34)	L7 AR-1260-4	8.107	7.004	58388575	29075701	522.242	453.725
35)	L7 AR-1260-5	8.442	7.247	113.8E6	64412917	542.025	464.625
36)	L8 AR-1262-1	7.875	6.797	52758424	15936572	355.211	404.803
37)	L8 AR-1262-2	8.442	7.004	113.8E6	29075701	491.707	358.494 #
38)	L8 AR-1262-3	8.783	7.530	73971286	14837077	443.477	231.204 #
39)	L8 AR-1262-4	8.844	7.594	27804967	47435811	381.375	417.567
40)	L8 AR-1262-5	9.555	8.091	32425648	15990965	389.366	304.486
41)	L9 AR-1268-1	8.783	7.530	73971286	14837077	240.632	80.075 #

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 ALS Vial : 3 Sample Multiplier: 1

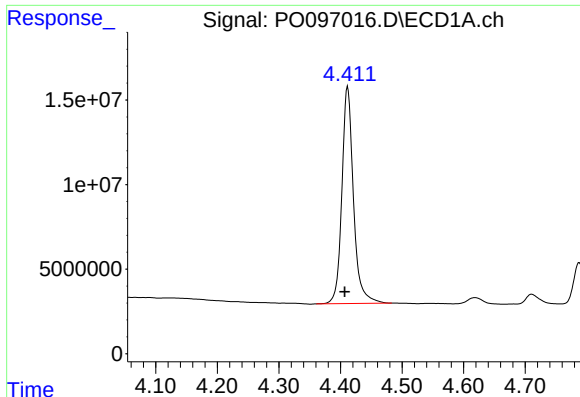
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 15:39:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.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	8.862	7.594	19664233	47435811	71.716	282.882 #
43) L9	AR-1268-3	9.104	7.800	3136381	2754239	12.281	19.063 #
44) L9	AR-1268-4	9.555	8.091	32425648	15990965	349.742	268.426
45) L9	AR-1268-5	9.994	8.381	10473298	4333558	12.966	10.419

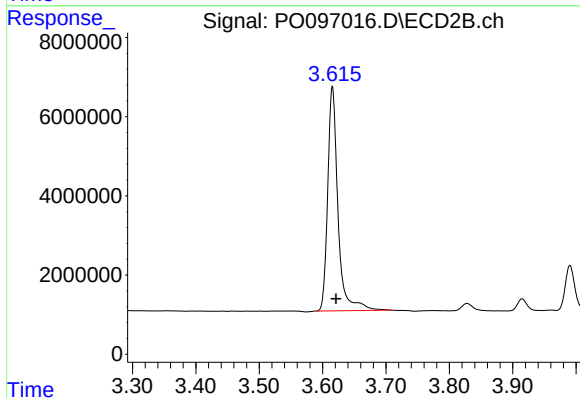
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

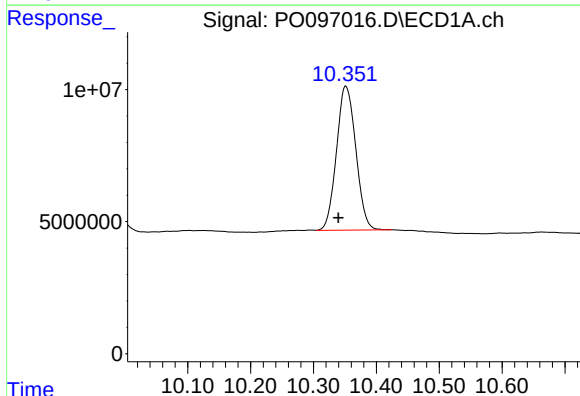
R.T.: 4.412 min
Delta R.T.: 0.005 min
Response: 167741673
Conc: 50.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



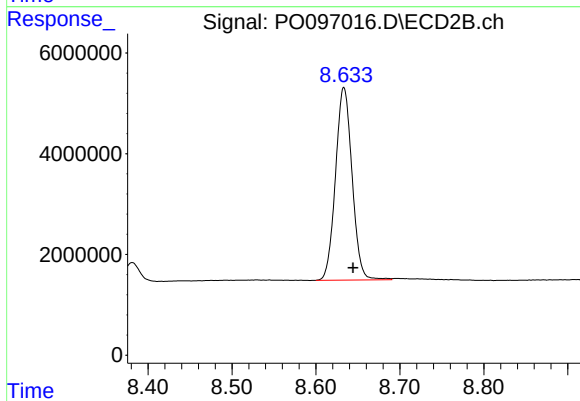
#1 Tetrachloro-m-xylene

R.T.: 3.616 min
Delta R.T.: -0.006 min
Response: 63999852
Conc: 48.35 ng/ml



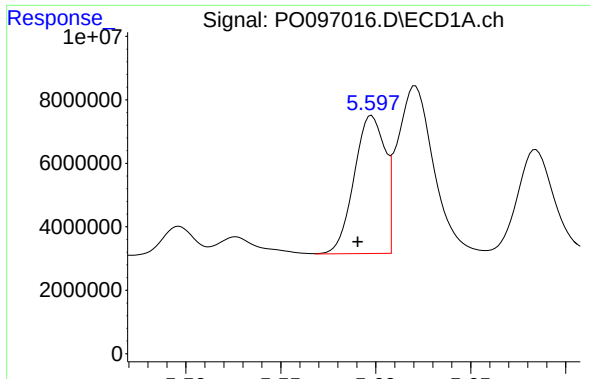
#2 Decachlorobiphenyl

R.T.: 10.351 min
Delta R.T.: 0.012 min
Response: 116329725
Conc: 53.16 ng/ml



#2 Decachlorobiphenyl

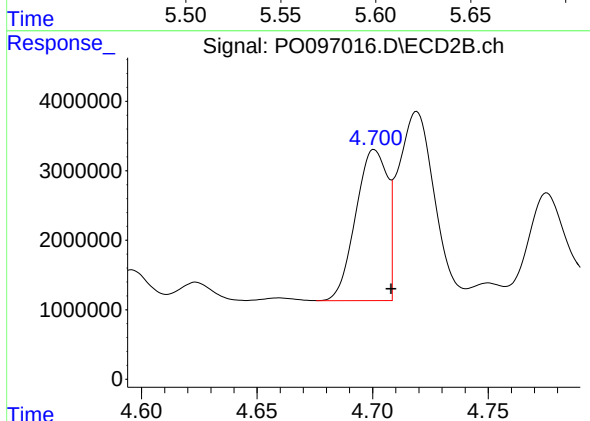
R.T.: 8.633 min
Delta R.T.: -0.011 min
Response: 52423612
Conc: 45.31 ng/ml



#3 AR-1016-1

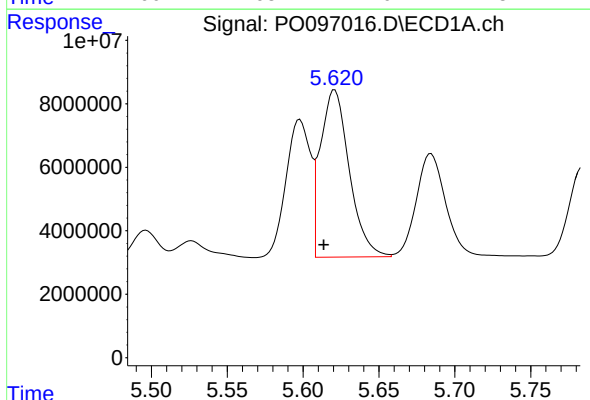
R.T.: 5.598 min
Delta R.T.: 0.007 min
Response: 49001016
Conc: 520.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



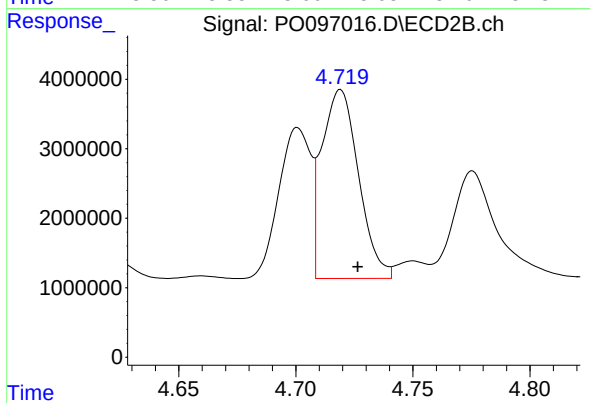
#3 AR-1016-1

R.T.: 4.701 min
Delta R.T.: -0.007 min
Response: 20717449
Conc: 467.28 ng/ml



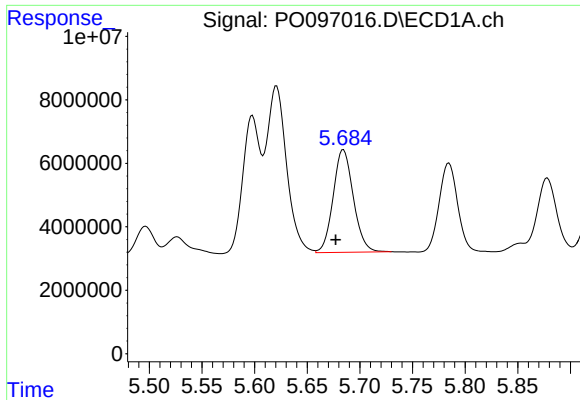
#4 AR-1016-2

R.T.: 5.621 min
Delta R.T.: 0.007 min
Response: 69790630
Conc: 521.70 ng/ml



#4 AR-1016-2

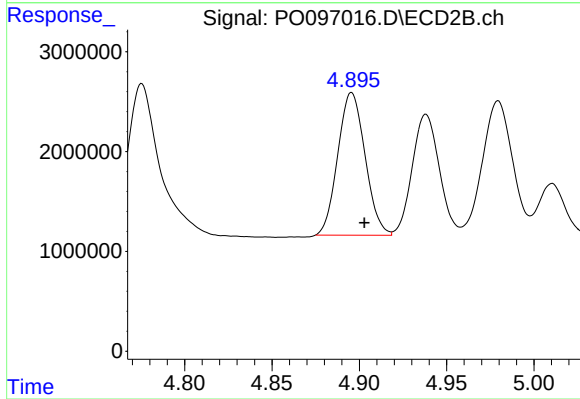
R.T.: 4.719 min
Delta R.T.: -0.007 min
Response: 29717701
Conc: 485.82 ng/ml



#5 AR-1016-3

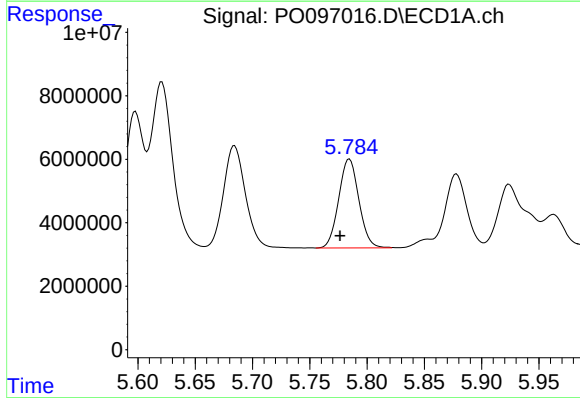
R.T.: 5.684 min
Delta R.T.: 0.007 min
Response: 43244192
Conc: 496.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



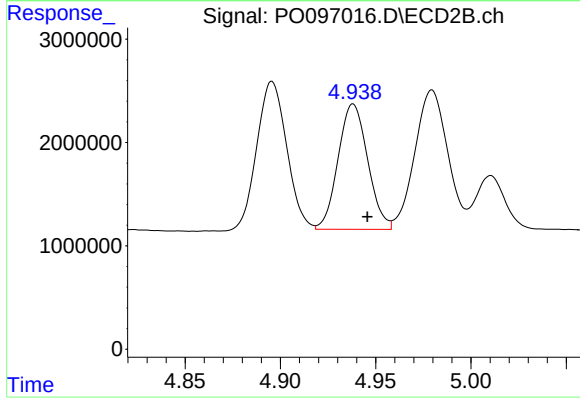
#5 AR-1016-3

R.T.: 4.896 min
Delta R.T.: -0.007 min
Response: 15532704
Conc: 475.47 ng/ml



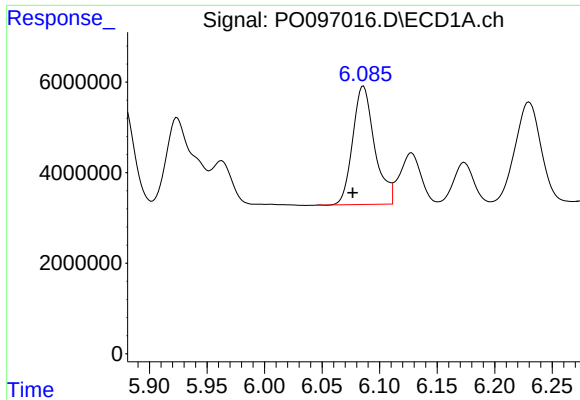
#6 AR-1016-4

R.T.: 5.785 min
Delta R.T.: 0.008 min
Response: 34316662
Conc: 510.89 ng/ml



#6 AR-1016-4

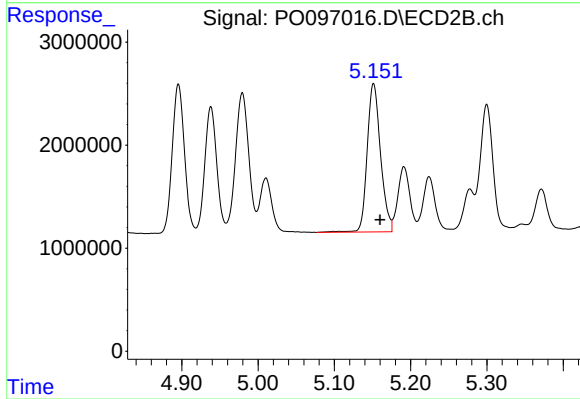
R.T.: 4.938 min
Delta R.T.: -0.007 min
Response: 13119374
Conc: 458.94 ng/ml



#7 AR-1016-5

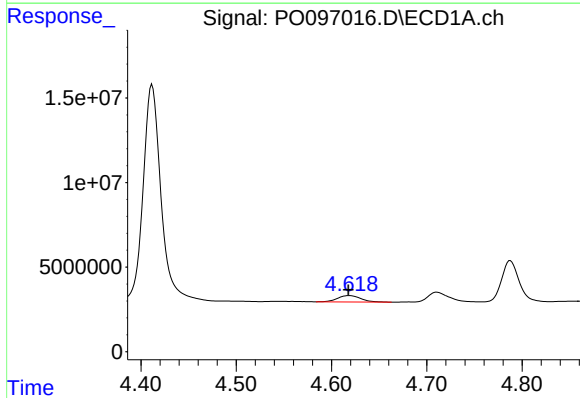
R.T.: 6.086 min
Delta R.T.: 0.009 min
Response: 34799727
Conc: 498.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



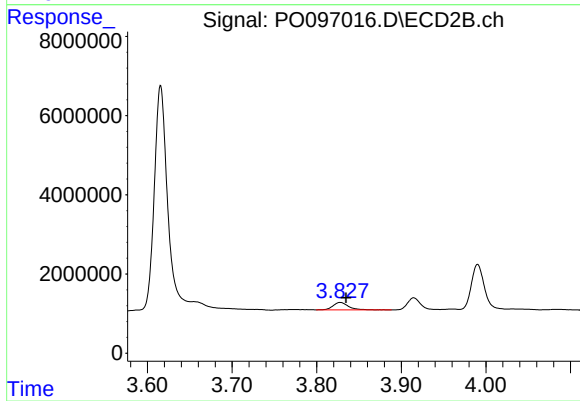
#7 AR-1016-5

R.T.: 5.151 min
Delta R.T.: -0.008 min
Response: 17533831
Conc: 456.06 ng/ml



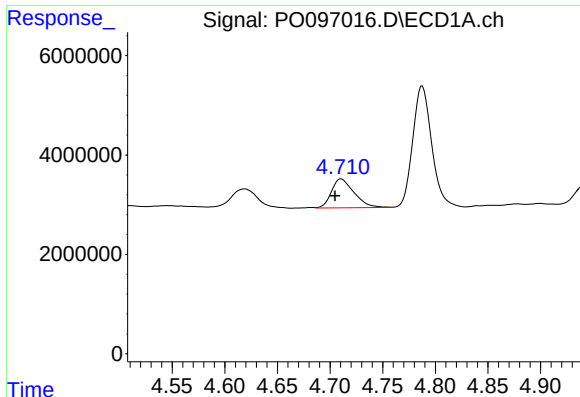
#8 AR-1221-1

R.T.: 4.619 min
Delta R.T.: 0.001 min
Response: 6349031
Conc: 155.79 ng/ml



#8 AR-1221-1

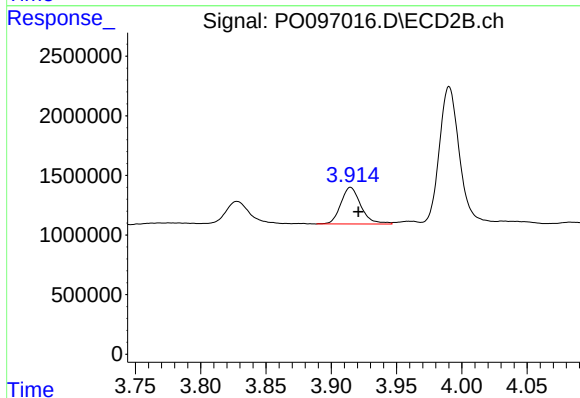
R.T.: 3.828 min
Delta R.T.: -0.007 min
Response: 2363394
Conc: 136.16 ng/ml



#9 AR-1221-2

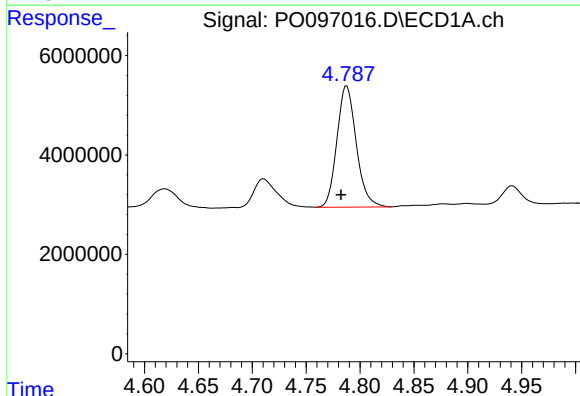
R.T.: 4.711 min
Delta R.T.: 0.006 min
Response: 8709171
Conc: 286.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



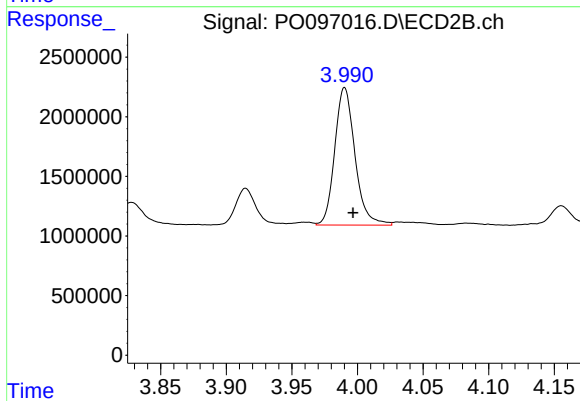
#9 AR-1221-2

R.T.: 3.915 min
Delta R.T.: -0.006 min
Response: 3289877
Conc: 254.62 ng/ml



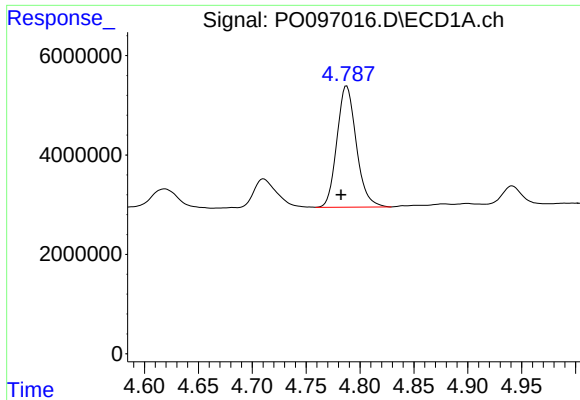
#10 AR-1221-3

R.T.: 4.788 min
Delta R.T.: 0.005 min
Response: 30564469
Conc: 349.18 ng/ml



#10 AR-1221-3

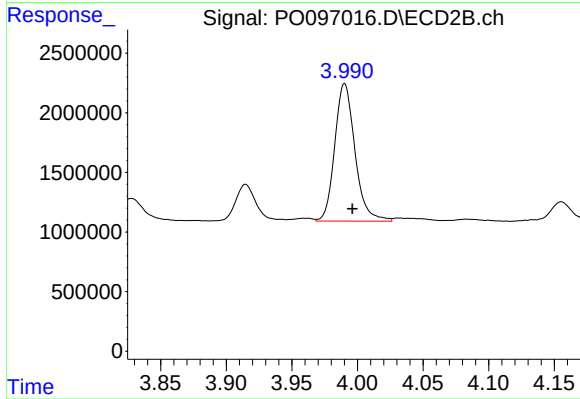
R.T.: 3.990 min
Delta R.T.: -0.006 min
Response: 12392625
Conc: 312.20 ng/ml



#11 AR-1232-1

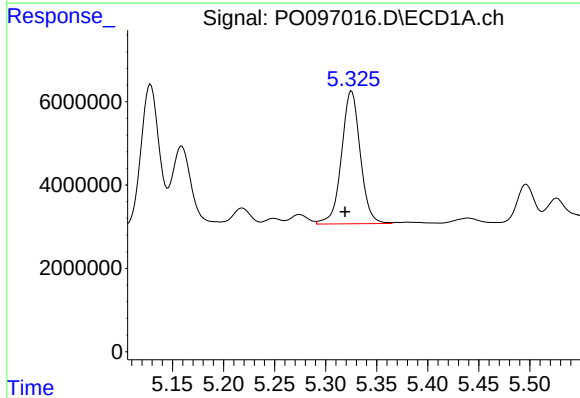
R.T.: 4.788 min
Delta R.T.: 0.005 min
Response: 30564469
Conc: 419.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



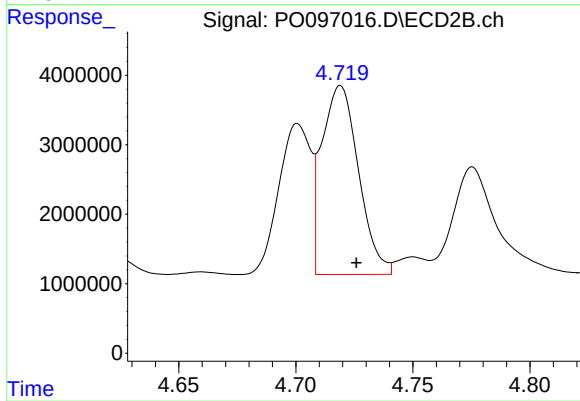
#11 AR-1232-1

R.T.: 3.990 min
Delta R.T.: -0.006 min
Response: 12392625
Conc: 383.11 ng/ml



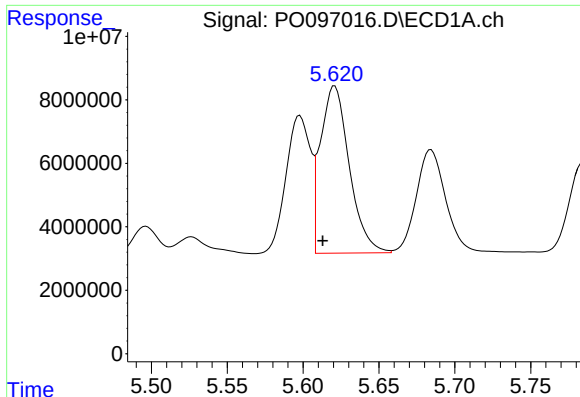
#12 AR-1232-2

R.T.: 5.325 min
Delta R.T.: 0.006 min
Response: 40807813
Conc: 1029.31 ng/ml



#12 AR-1232-2

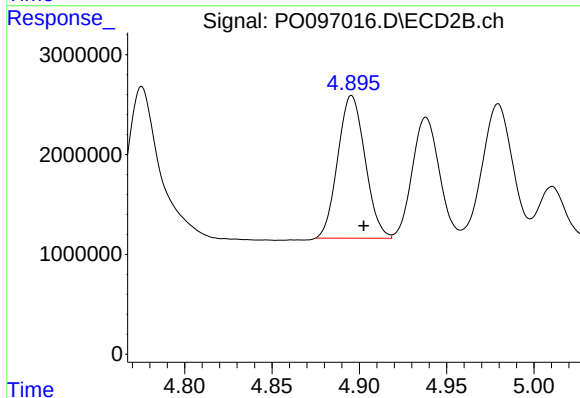
R.T.: 4.719 min
Delta R.T.: -0.007 min
Response: 29717701
Conc: 1029.99 ng/ml



#13 AR-1232-3

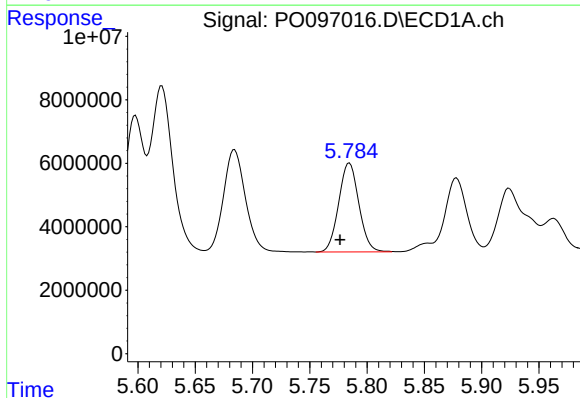
R.T.: 5.621 min
Delta R.T.: 0.008 min
Response: 69790630
Conc: 1140.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



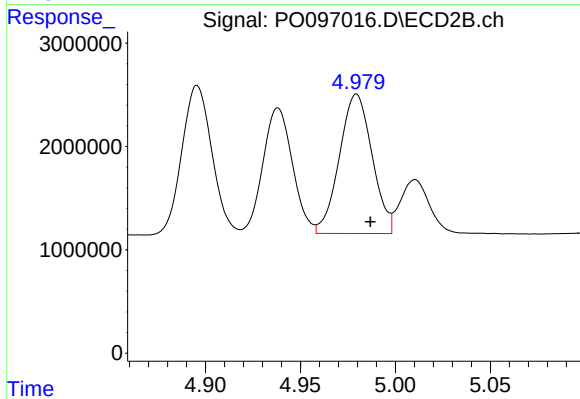
#13 AR-1232-3

R.T.: 4.896 min
Delta R.T.: -0.007 min
Response: 15532704
Conc: 1024.46 ng/ml



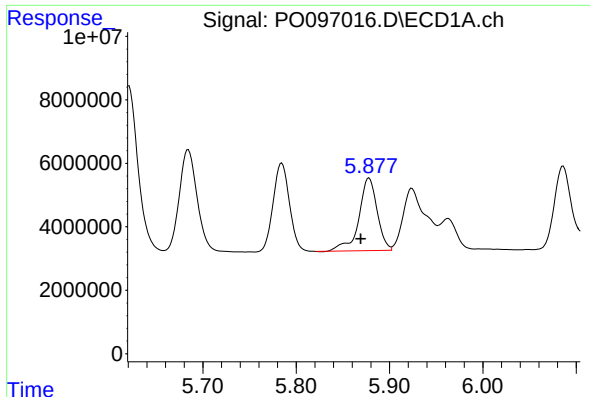
#14 AR-1232-4

R.T.: 5.785 min
Delta R.T.: 0.008 min
Response: 34316662
Conc: 1124.63 ng/ml



#14 AR-1232-4

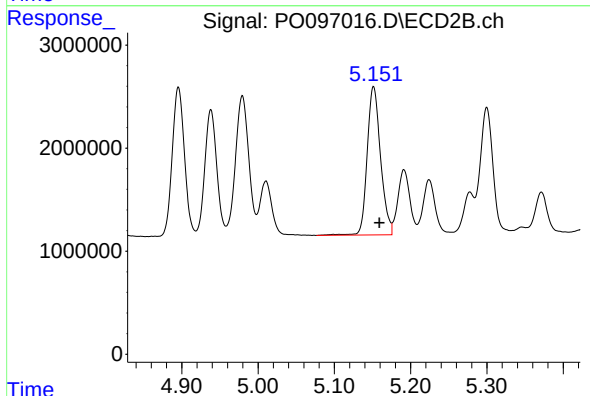
R.T.: 4.979 min
Delta R.T.: -0.007 min
Response: 16208072
Conc: 1084.54 ng/ml



#15 AR-1232-5

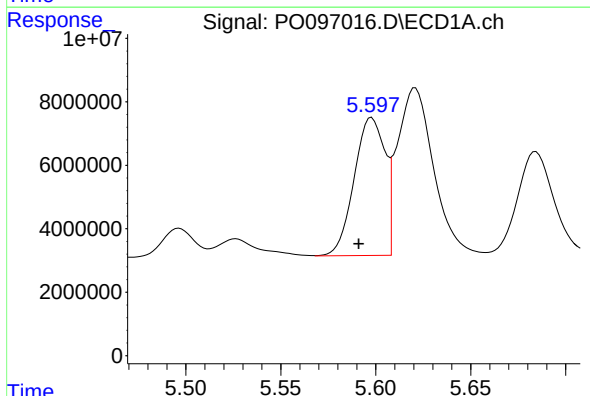
R.T.: 5.878 min
Delta R.T.: 0.009 min
Response: 31207161
Conc: 1115.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



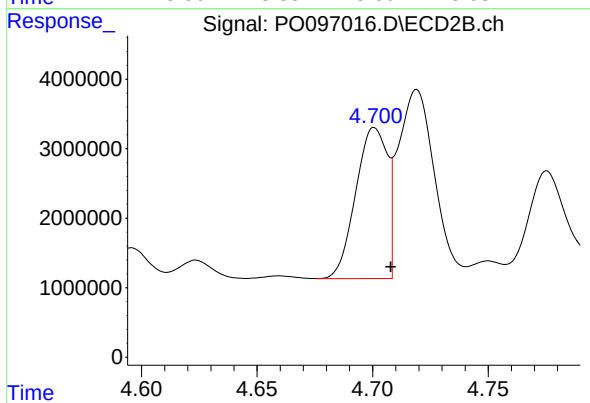
#15 AR-1232-5

R.T.: 5.151 min
Delta R.T.: -0.008 min
Response: 17533831
Conc: 1072.62 ng/ml



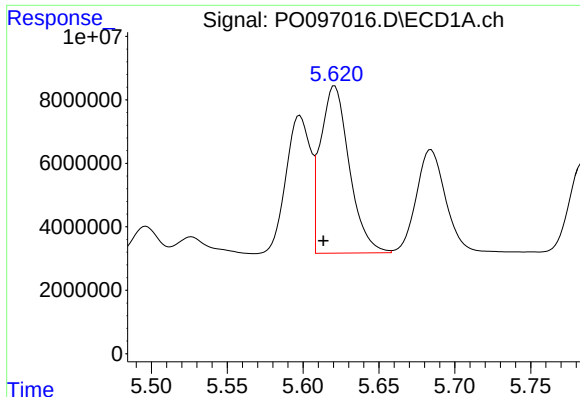
#16 AR-1242-1

R.T.: 5.598 min
Delta R.T.: 0.007 min
Response: 49001016
Conc: 584.62 ng/ml



#16 AR-1242-1

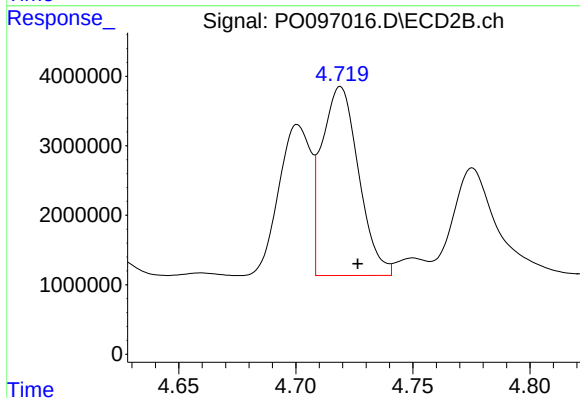
R.T.: 4.701 min
Delta R.T.: -0.007 min
Response: 20717449
Conc: 525.49 ng/ml



#17 AR-1242-2

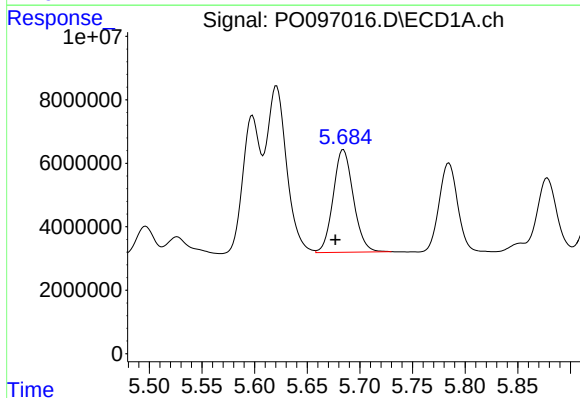
R.T.: 5.621 min
Delta R.T.: 0.007 min
Response: 69790630
Conc: 592.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



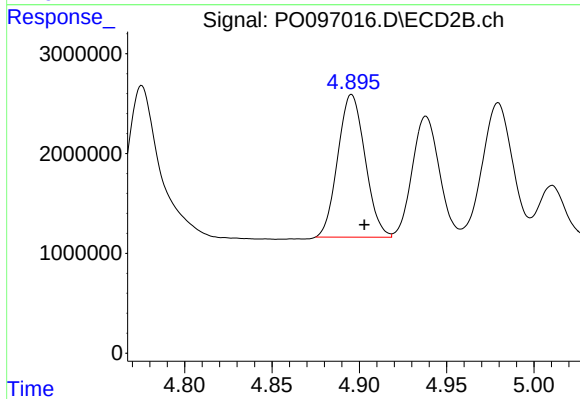
#17 AR-1242-2

R.T.: 4.719 min
Delta R.T.: -0.007 min
Response: 29717701
Conc: 545.37 ng/ml



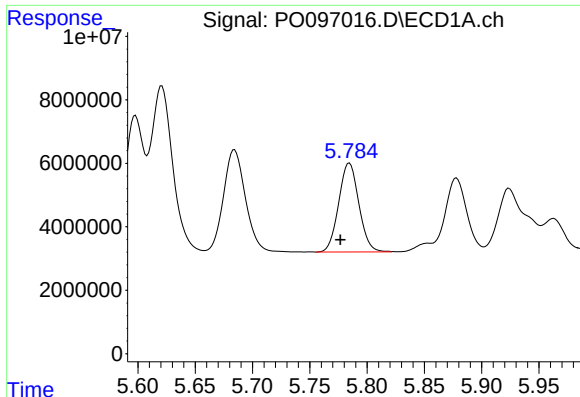
#18 AR-1242-3

R.T.: 5.684 min
Delta R.T.: 0.008 min
Response: 43244192
Conc: 585.39 ng/ml



#18 AR-1242-3

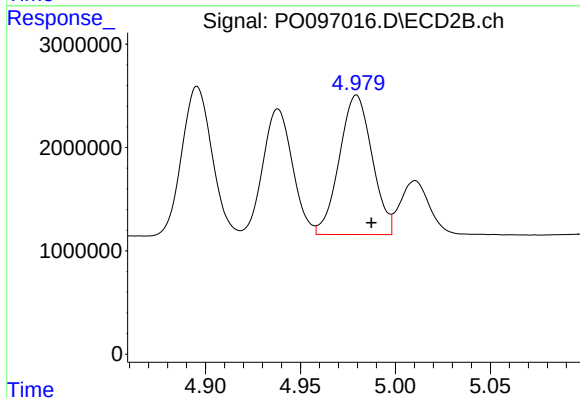
R.T.: 4.896 min
Delta R.T.: -0.007 min
Response: 15532704
Conc: 525.31 ng/ml



#19 AR-1242-4

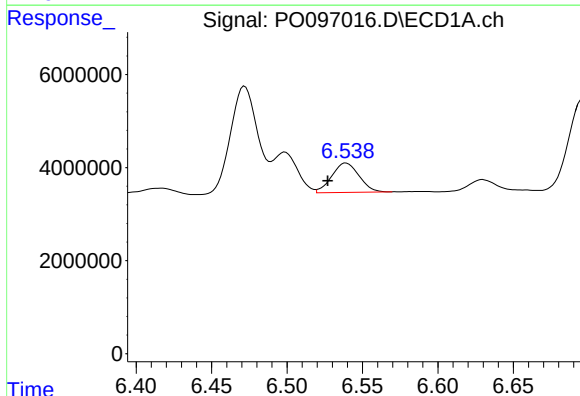
R.T.: 5.785 min
Delta R.T.: 0.008 min
Response: 34316662
Conc: 576.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



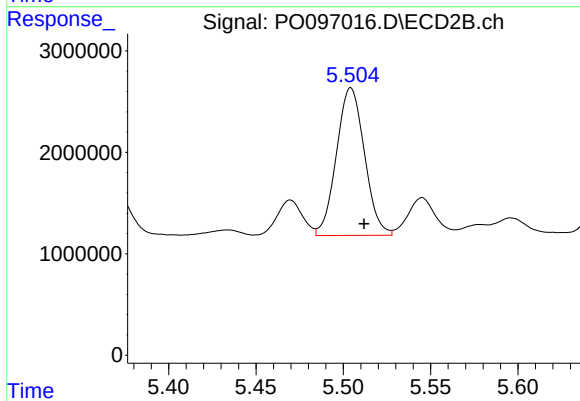
#19 AR-1242-4

R.T.: 4.979 min
Delta R.T.: -0.008 min
Response: 16208072
Conc: 514.32 ng/ml



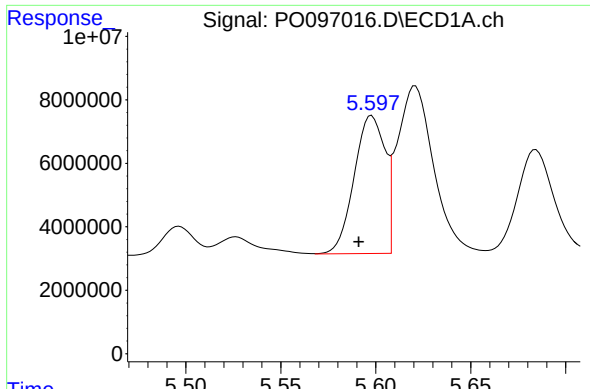
#20 AR-1242-5

R.T.: 6.539 min
Delta R.T.: 0.012 min
Response: 7951795
Conc: 144.53 ng/ml



#20 AR-1242-5

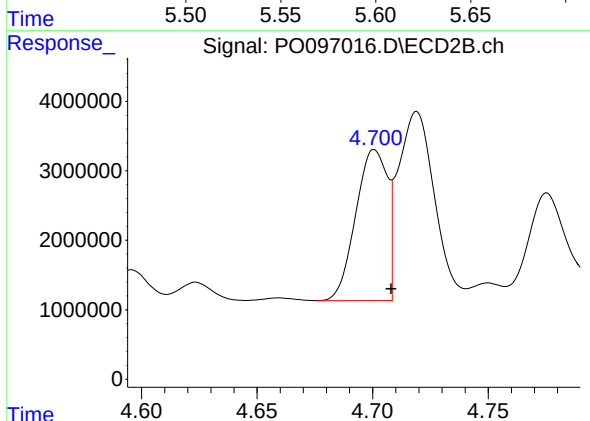
R.T.: 5.504 min
Delta R.T.: -0.008 min
Response: 16269783
Conc: 446.53 ng/ml



#21 AR-1248-1

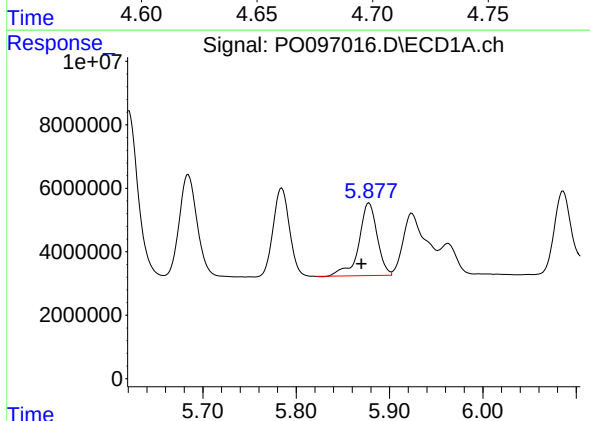
R.T.: 5.598 min
Delta R.T.: 0.007 min
Response: 49001016
Conc: 836.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



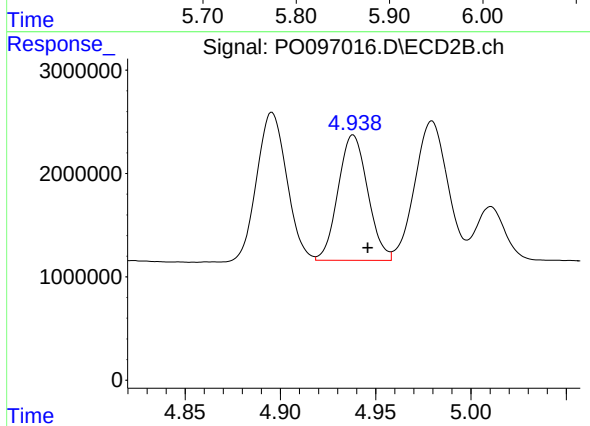
#21 AR-1248-1

R.T.: 4.701 min
Delta R.T.: -0.007 min
Response: 20717449
Conc: 738.26 ng/ml



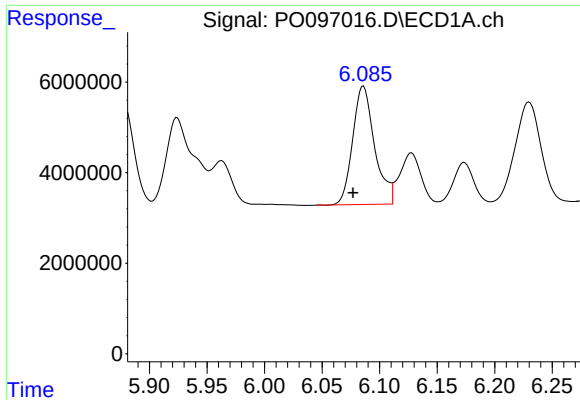
#22 AR-1248-2

R.T.: 5.878 min
Delta R.T.: 0.008 min
Response: 31207161
Conc: 331.93 ng/ml



#22 AR-1248-2

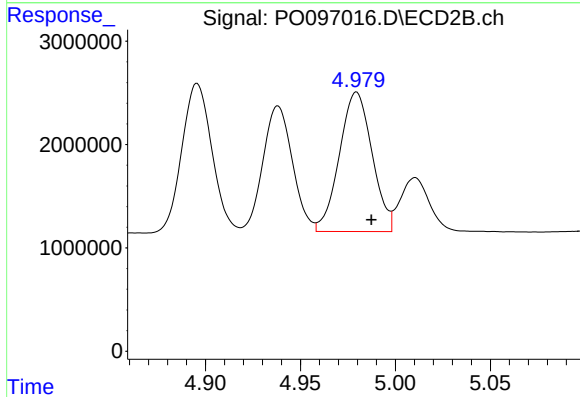
R.T.: 4.938 min
Delta R.T.: -0.008 min
Response: 13119374
Conc: 309.56 ng/ml



#23 AR-1248-3

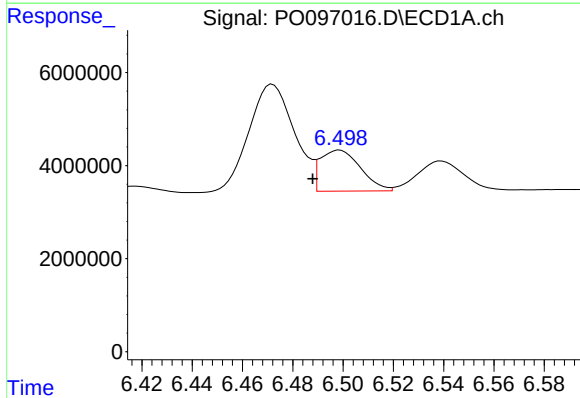
R.T.: 6.086 min
Delta R.T.: 0.009 min
Response: 34799727
Conc: 355.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



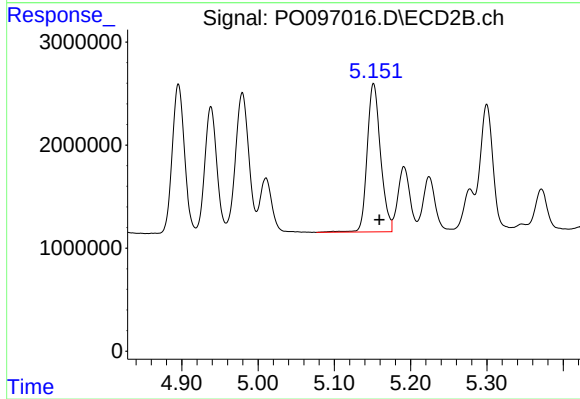
#23 AR-1248-3

R.T.: 4.979 min
Delta R.T.: -0.008 min
Response: 16208072
Conc: 369.50 ng/ml



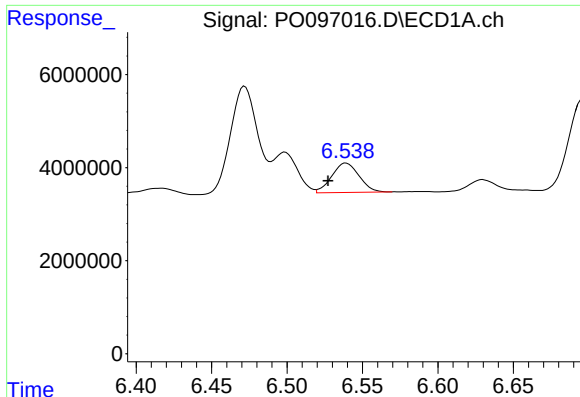
#24 AR-1248-4

R.T.: 6.499 min
Delta R.T.: 0.011 min
Response: 9831871
Conc: 108.23 ng/ml



#24 AR-1248-4

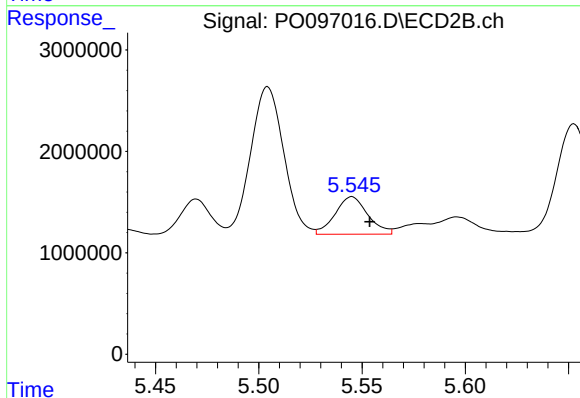
R.T.: 5.151 min
Delta R.T.: -0.008 min
Response: 17533831
Conc: 343.46 ng/ml



#25 AR-1248-5

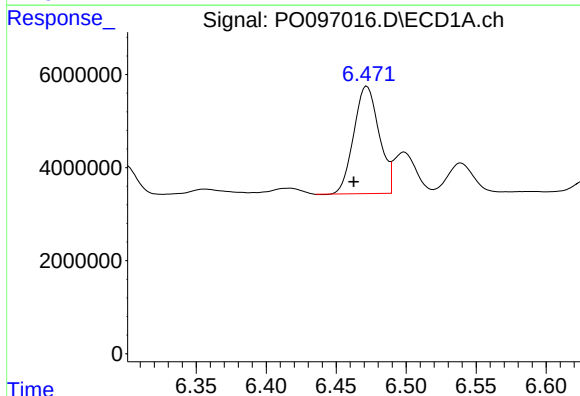
R.T.: 6.539 min
Delta R.T.: 0.012 min
Response: 7951795
Conc: 90.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



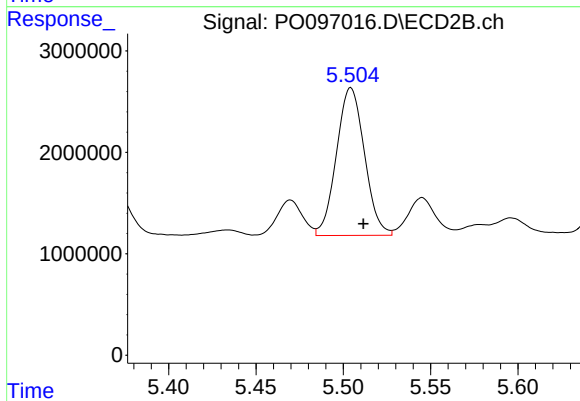
#25 AR-1248-5

R.T.: 5.545 min
Delta R.T.: -0.009 min
Response: 4079277
Conc: 87.25 ng/ml



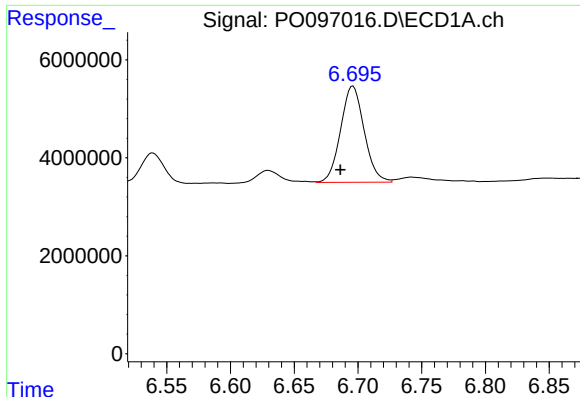
#26 AR-1254-1

R.T.: 6.472 min
Delta R.T.: 0.009 min
Response: 29013469
Conc: 265.47 ng/ml



#26 AR-1254-1

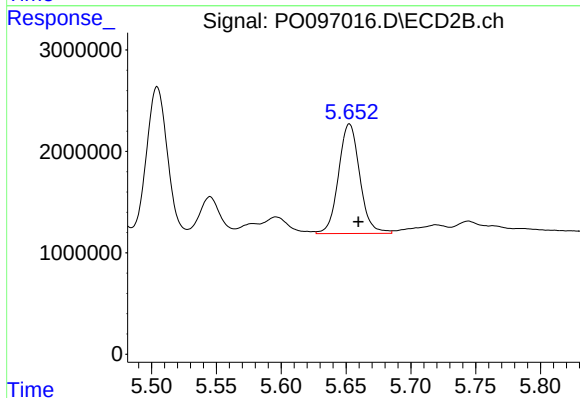
R.T.: 5.504 min
Delta R.T.: -0.007 min
Response: 16269783
Conc: 220.47 ng/ml



#27 AR-1254-2

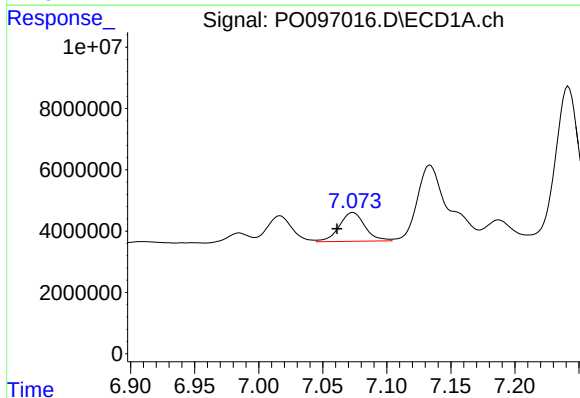
R.T.: 6.696 min
Delta R.T.: 0.010 min
Response: 25249205
Conc: 156.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



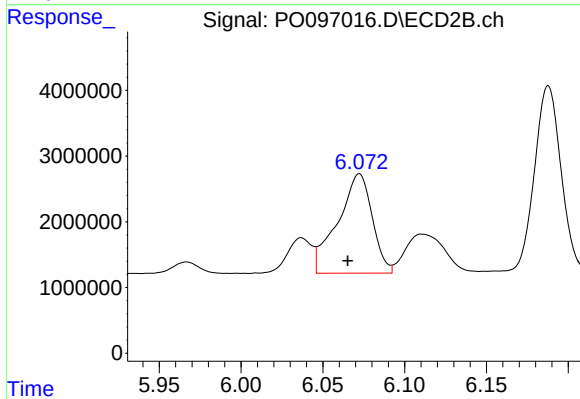
#27 AR-1254-2

R.T.: 5.653 min
Delta R.T.: -0.007 min
Response: 12311824
Conc: 186.88 ng/ml



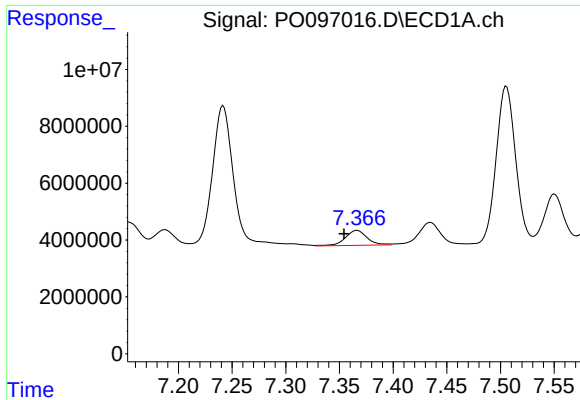
#28 AR-1254-3

R.T.: 7.074 min
Delta R.T.: 0.012 min
Response: 13160335
Conc: 83.99 ng/ml



#28 AR-1254-3

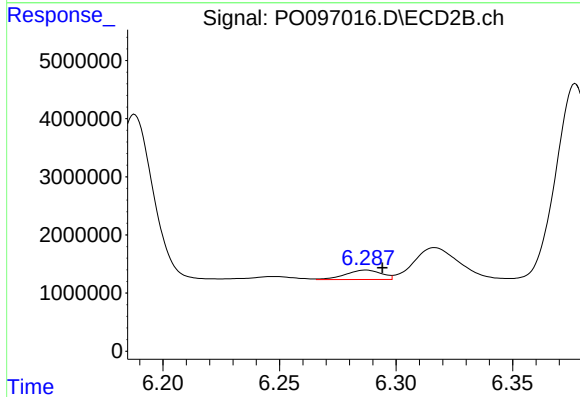
R.T.: 6.072 min
Delta R.T.: 0.007 min
Response: 22237372
Conc: 220.04 ng/ml



#29 AR-1254-4

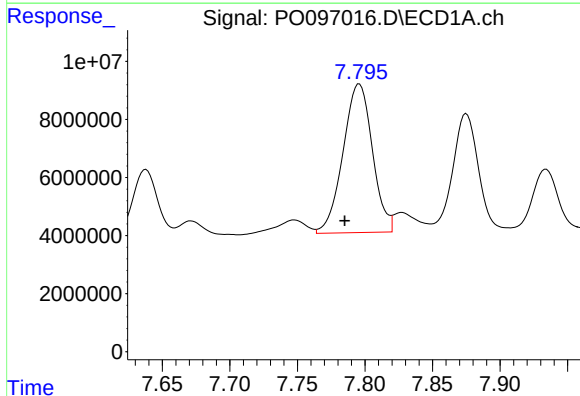
R.T.: 7.366 min
Delta R.T.: 0.012 min
Response: 7417634
Conc: 73.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



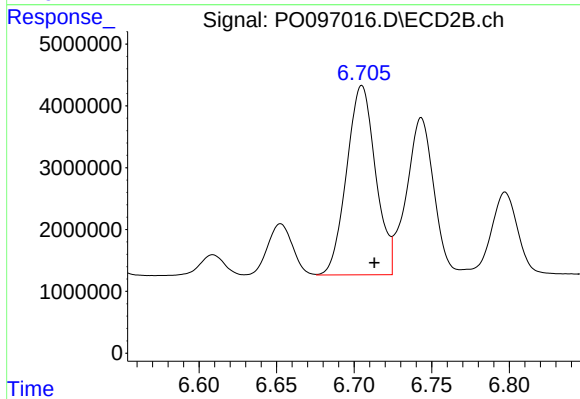
#29 AR-1254-4

R.T.: 6.287 min
Delta R.T.: -0.007 min
Response: 1726194
Conc: 29.83 ng/ml



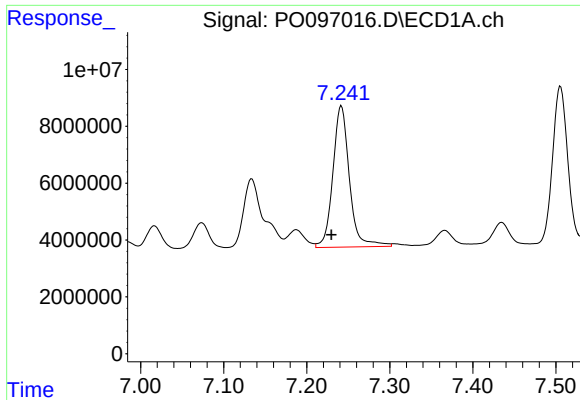
#30 AR-1254-5

R.T.: 7.796 min
Delta R.T.: 0.011 min
Response: 77514232
Conc: 690.77 ng/ml



#30 AR-1254-5

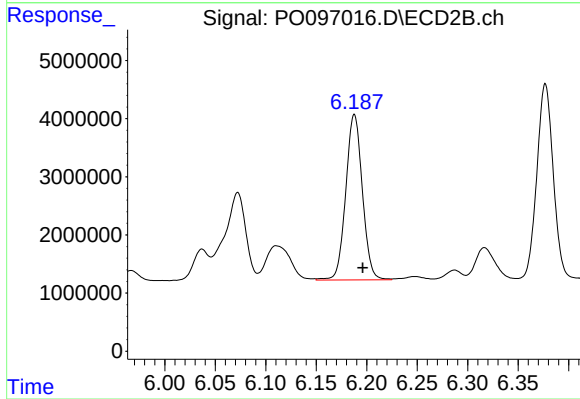
R.T.: 6.705 min
Delta R.T.: -0.008 min
Response: 39841723
Conc: 453.18 ng/ml



#31 AR-1260-1

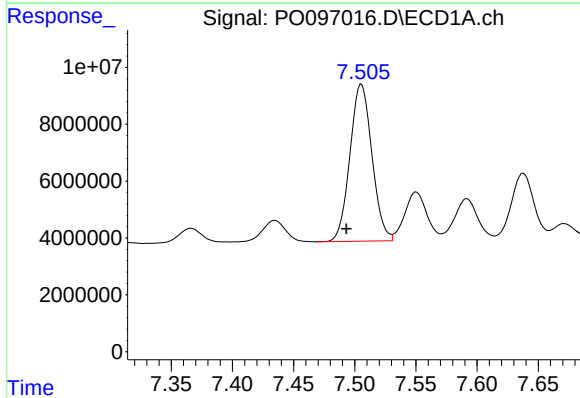
R.T.: 7.242 min
Delta R.T.: 0.012 min
Response: 68825549
Conc: 547.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



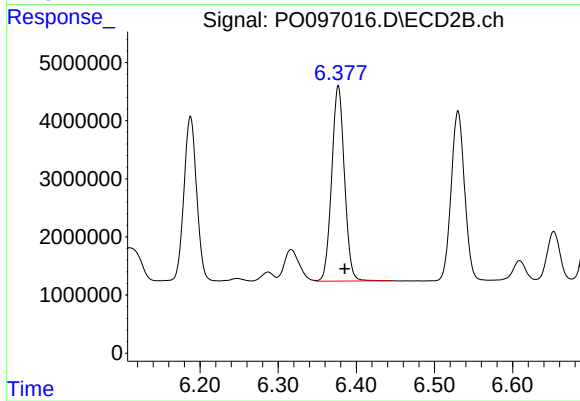
#31 AR-1260-1

R.T.: 6.188 min
Delta R.T.: -0.008 min
Response: 32558152
Conc: 462.68 ng/ml



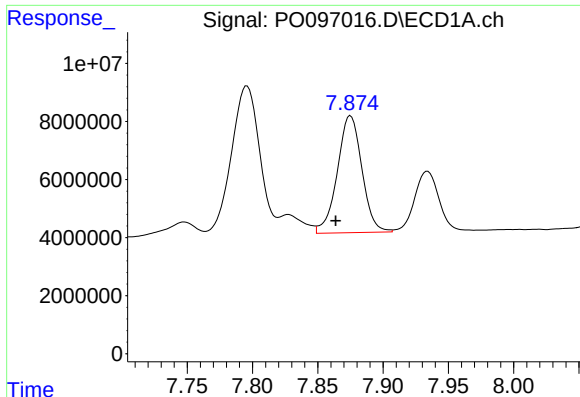
#32 AR-1260-2

R.T.: 7.505 min
Delta R.T.: 0.012 min
Response: 69233068
Conc: 513.85 ng/ml



#32 AR-1260-2

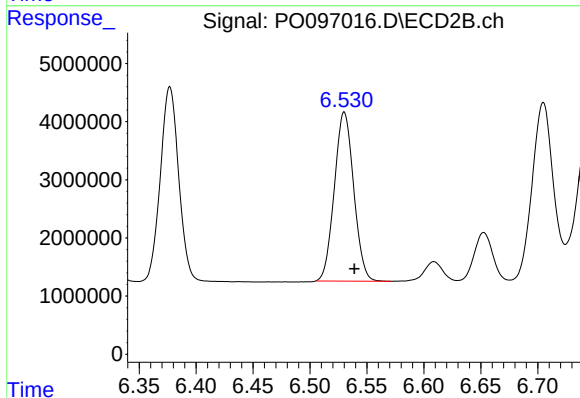
R.T.: 6.377 min
Delta R.T.: -0.008 min
Response: 38070038
Conc: 456.13 ng/ml



#33 AR-1260-3

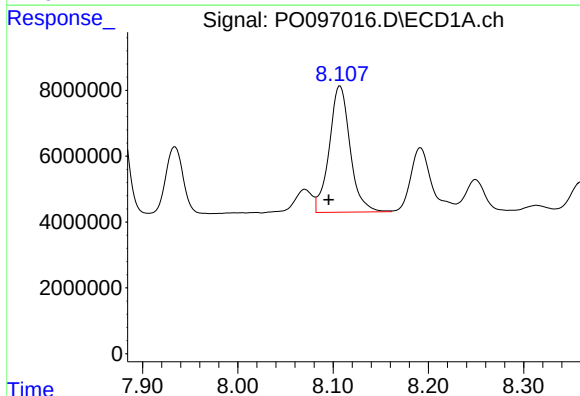
R.T.: 7.875 min
Delta R.T.: 0.011 min
Response: 52758424
Conc: 508.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



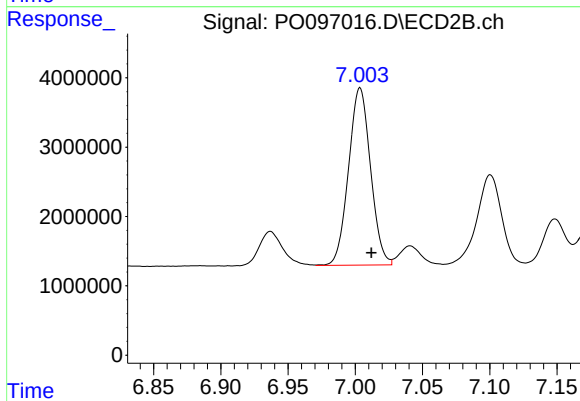
#33 AR-1260-3

R.T.: 6.530 min
Delta R.T.: -0.009 min
Response: 34397921
Conc: 445.46 ng/ml



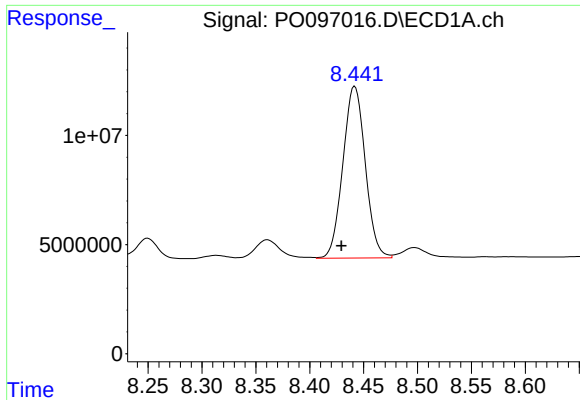
#34 AR-1260-4

R.T.: 8.107 min
Delta R.T.: 0.012 min
Response: 58388575
Conc: 522.24 ng/ml



#34 AR-1260-4

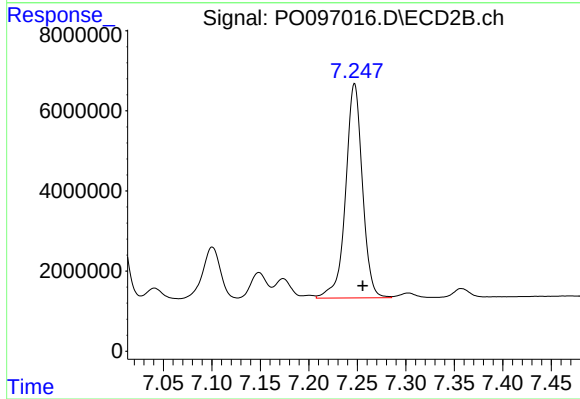
R.T.: 7.004 min
Delta R.T.: -0.009 min
Response: 29075701
Conc: 453.73 ng/ml



#35 AR-1260-5

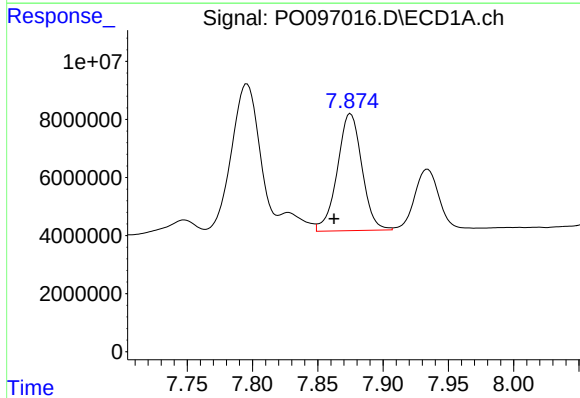
R.T.: 8.442 min
Delta R.T.: 0.012 min
Response: 113814317
Conc: 542.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



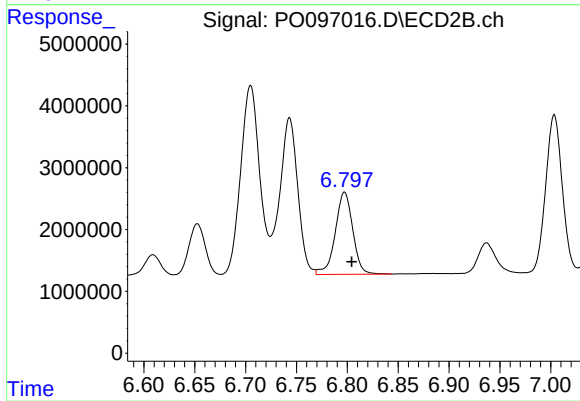
#35 AR-1260-5

R.T.: 7.247 min
Delta R.T.: -0.008 min
Response: 64412917
Conc: 464.63 ng/ml



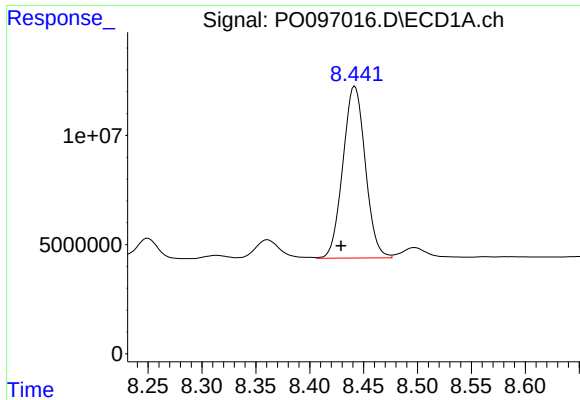
#36 AR-1262-1

R.T.: 7.875 min
Delta R.T.: 0.013 min
Response: 52758424
Conc: 355.21 ng/ml



#36 AR-1262-1

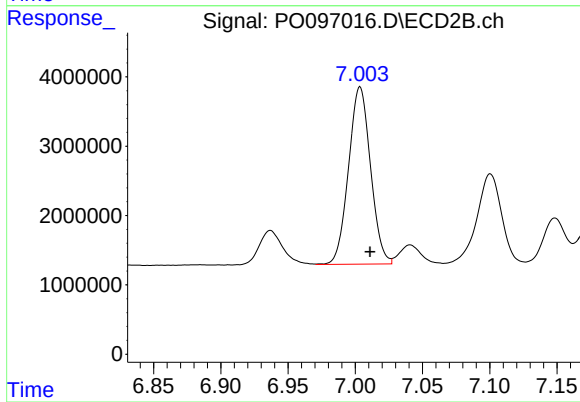
R.T.: 6.797 min
Delta R.T.: -0.007 min
Response: 15936572
Conc: 404.80 ng/ml



#37 AR-1262-2

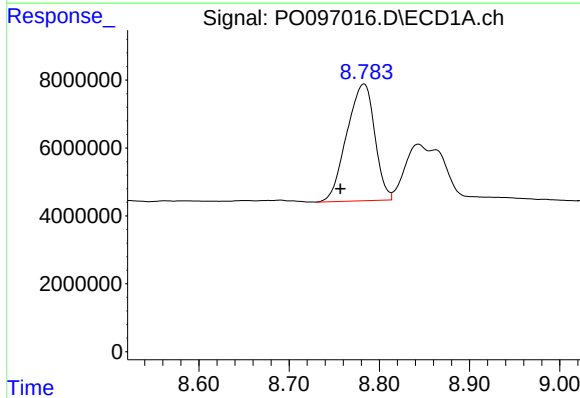
R.T.: 8.442 min
Delta R.T.: 0.013 min
Response: 113814317
Conc: 491.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



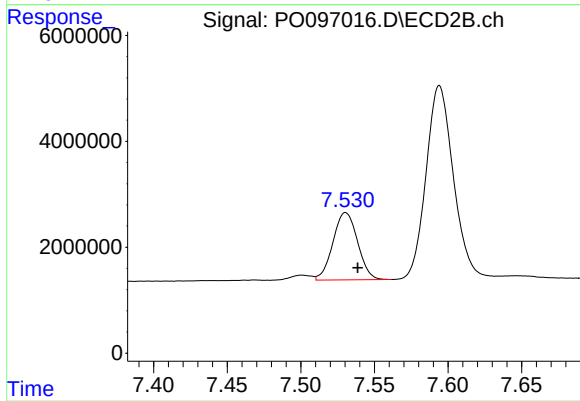
#37 AR-1262-2

R.T.: 7.004 min
Delta R.T.: -0.008 min
Response: 29075701
Conc: 358.49 ng/ml



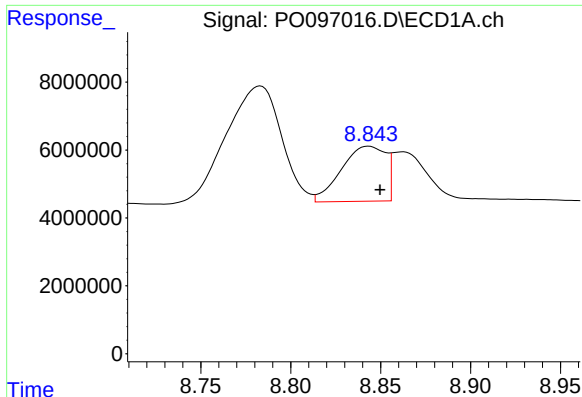
#38 AR-1262-3

R.T.: 8.783 min
Delta R.T.: 0.027 min
Response: 73971286
Conc: 443.48 ng/ml



#38 AR-1262-3

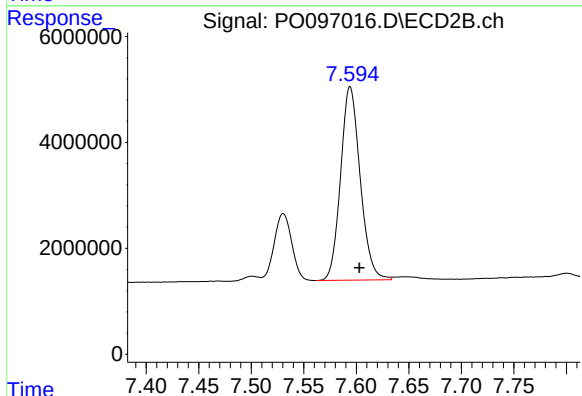
R.T.: 7.530 min
Delta R.T.: -0.008 min
Response: 14837077
Conc: 231.20 ng/ml



#39 AR-1262-4

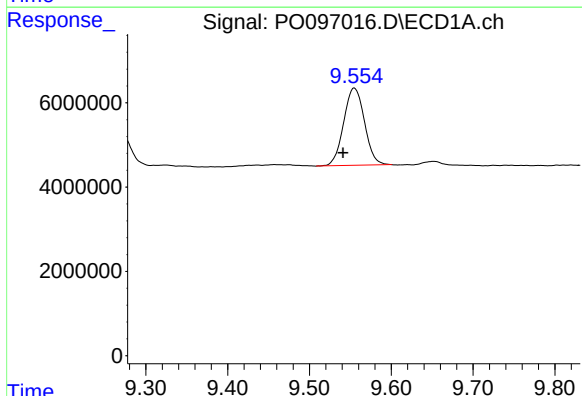
R.T.: 8.844 min
Delta R.T.: -0.006 min
Response: 27804967
Conc: 381.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



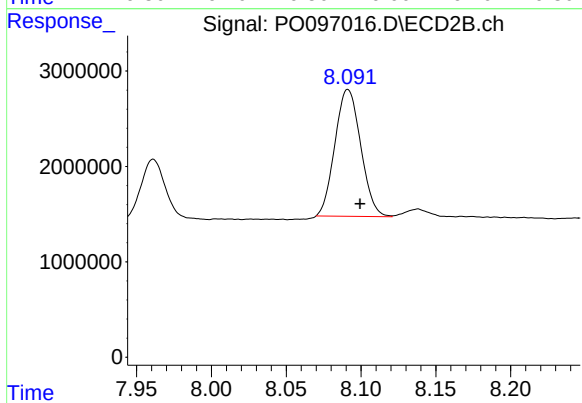
#39 AR-1262-4

R.T.: 7.594 min
Delta R.T.: -0.009 min
Response: 47435811
Conc: 417.57 ng/ml



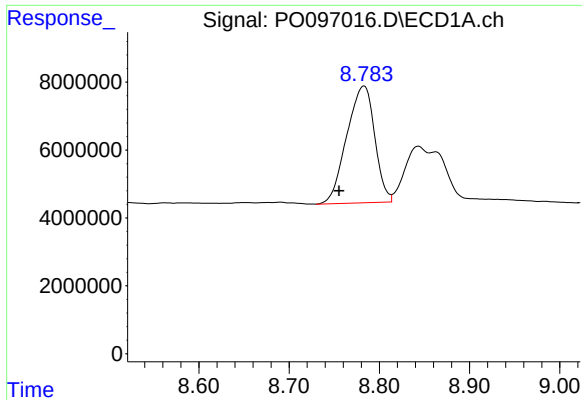
#40 AR-1262-5

R.T.: 9.555 min
Delta R.T.: 0.014 min
Response: 32425648
Conc: 389.37 ng/ml



#40 AR-1262-5

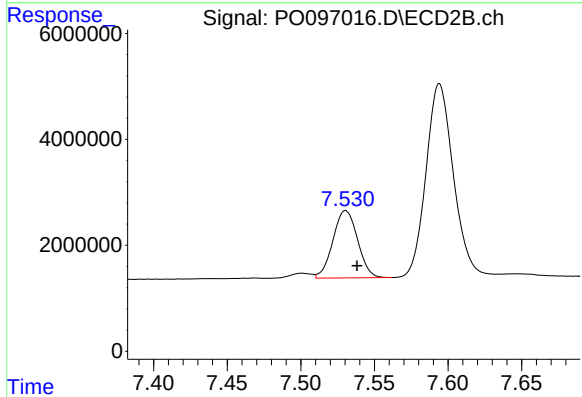
R.T.: 8.091 min
Delta R.T.: -0.008 min
Response: 15990965
Conc: 304.49 ng/ml



#41 AR-1268-1

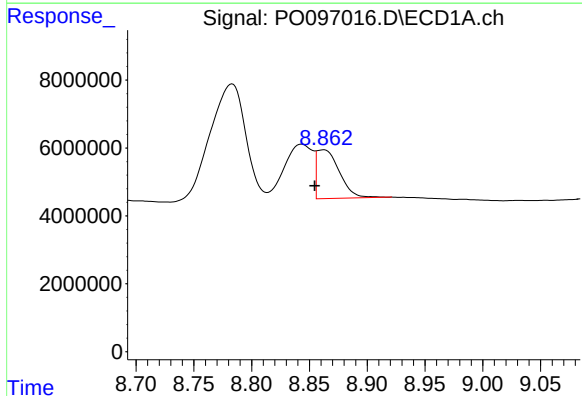
R.T.: 8.783 min
Delta R.T.: 0.028 min
Response: 73971286
Conc: 240.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



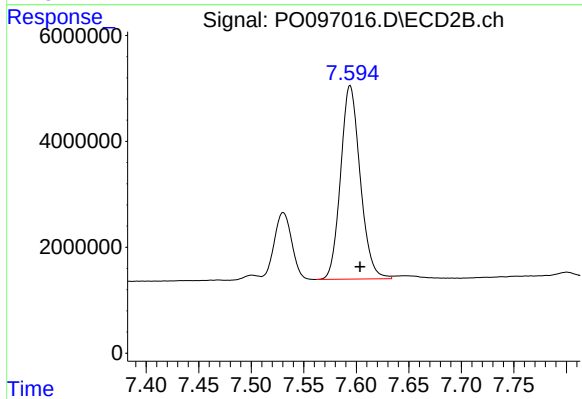
#41 AR-1268-1

R.T.: 7.530 min
Delta R.T.: -0.008 min
Response: 14837077
Conc: 80.07 ng/ml



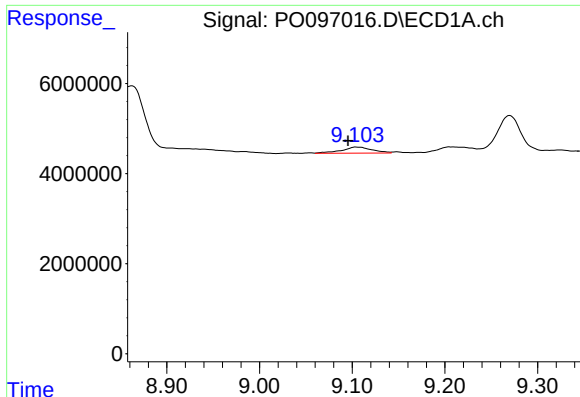
#42 AR-1268-2

R.T.: 8.862 min
Delta R.T.: 0.008 min
Response: 19664233
Conc: 71.72 ng/ml



#42 AR-1268-2

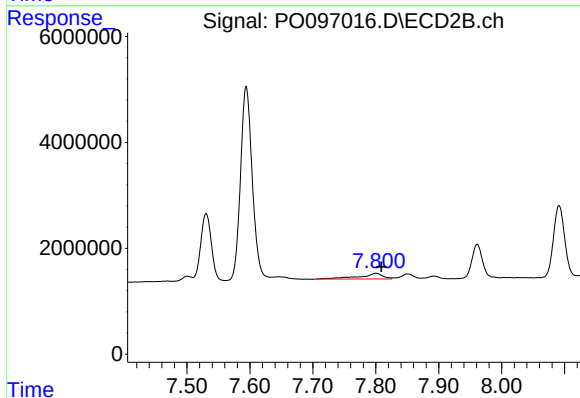
R.T.: 7.594 min
Delta R.T.: -0.010 min
Response: 47435811
Conc: 282.88 ng/ml



#43 AR-1268-3

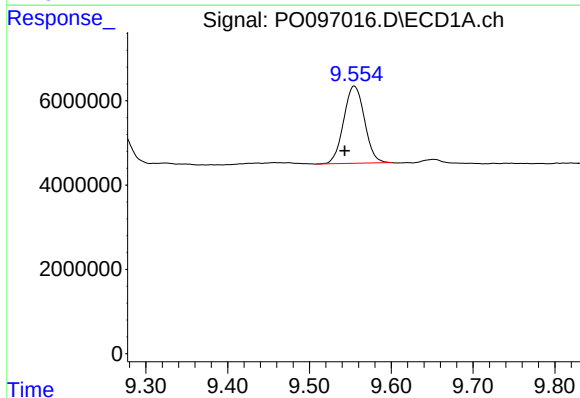
R.T.: 9.104 min
Delta R.T.: 0.008 min
Response: 3136381
Conc: 12.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



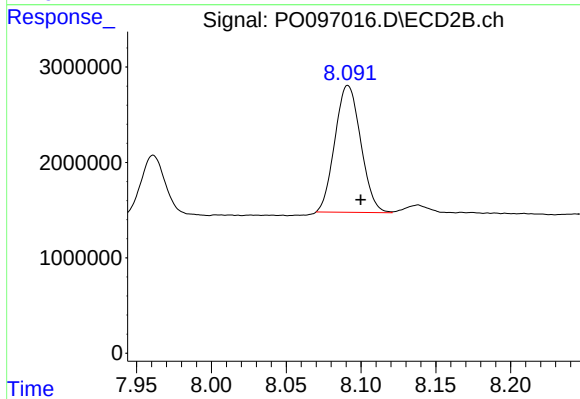
#43 AR-1268-3

R.T.: 7.800 min
Delta R.T.: -0.009 min
Response: 2754239
Conc: 19.06 ng/ml



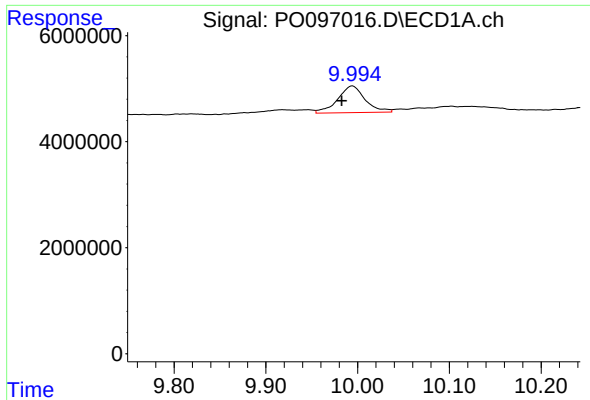
#44 AR-1268-4

R.T.: 9.555 min
Delta R.T.: 0.012 min
Response: 32425648
Conc: 349.74 ng/ml



#44 AR-1268-4

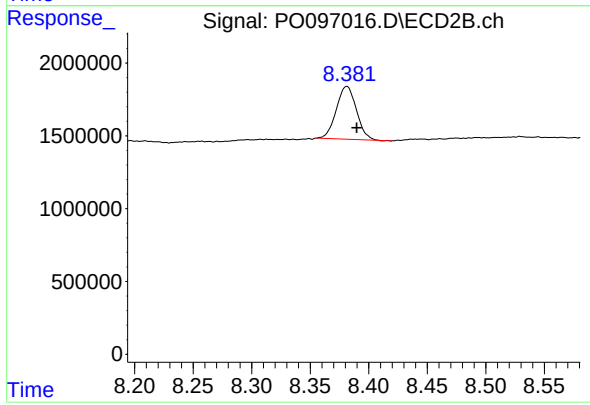
R.T.: 8.091 min
Delta R.T.: -0.008 min
Response: 15990965
Conc: 268.43 ng/ml



#45 AR-1268-5

R.T.: 9.994 min
Delta R.T.: 0.012 min
Response: 10473298
Conc: 12.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.381 min
Delta R.T.: -0.008 min
Response: 4333558
Conc: 10.42 ng/ml