

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0053025\
 Data File : P0111355.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 May 2025 12:39
 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: May 30 17:05:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0051525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 15 07:11:53 2025
 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...	3.681	3.677	288.5E6	257.6E6	49.035	47.250
2)	SA Decachlor...	8.723	8.672	228.3E6	78124636	44.224	42.226
Target Compounds							
3)	L1 AR-1016-1	4.770	4.756	117.5E6	88434528	521.984	463.184
4)	L1 AR-1016-2	4.790	4.775	166.1E6	128.4E6	520.880	463.221
5)	L1 AR-1016-3	4.846	4.950	128.5E6	68497501	591.898	468.920
6)	L1 AR-1016-4	4.966	4.992	95053192	56069612	545.818	466.901
7)	L1 AR-1016-5	5.223	5.205	89120016	71221711	506.389	461.279
8)	L2 AR-1221-1	3.891	3.885	11572387	9667015	132.854	130.913
9)	L2 AR-1221-2	3.980	3.973	24367967	15863431	382.520	291.531
10)	L2 AR-1221-3	4.055	4.047	68036821	53168529	353.755	318.183
11)	L3 AR-1232-1	4.055	4.047	68036821	53168529	444.181	407.125
12)	L3 AR-1232-2	4.549	4.775	77830213	128.4E6	949.769	978.725
13)	L3 AR-1232-3	4.790	4.950	166.1E6	68497501	1086.313	1006.255
14)	L3 AR-1232-4	4.966	5.034	95053192	66759938	1155.642	1082.424
15)	L3 AR-1232-5	5.009	5.205	74312320	71221711	1369.578	1083.508
16)	L4 AR-1242-1	4.770	4.756	117.5E6	88434528	614.412	548.919
17)	L4 AR-1242-2	4.790	4.775	166.1E6	128.4E6	610.726	547.172
18)	L4 AR-1242-3	4.846	4.950	128.5E6	68497501	690.991	554.103
19)	L4 AR-1242-4	4.966	5.034	95053192	66759938	643.119	540.062
20)	L4 AR-1242-5	5.619	5.556	24538027	68204471	157.758	448.753 #
21)	L5 AR-1248-1	4.770	4.756	117.5E6	88434528	766.982	681.691
22)	L5 AR-1248-2	5.009	4.992	74312320	56069612	370.603	318.773
23)	L5 AR-1248-3	5.223	5.034	89120016	66759938	348.118	355.836
24)	L5 AR-1248-4	5.578	5.205	93359860	71221711	257.771	323.971 #
25)	L5 AR-1248-5	5.619	5.596	24538027	17858132	93.637	81.796
26)	L6 AR-1254-1	5.578	5.556	93359860	68204471	245.959	210.483
27)	L6 AR-1254-2	5.727	5.703	62598545	47196544	191.564	166.628
28)	L6 AR-1254-3	6.148	6.121	145.6E6	87925741	276.727	203.790 #
29)	L6 AR-1254-4	6.361	6.333	18464351	11801311	54.941	47.712
30)	L6 AR-1254-5	6.781	6.749	202.7E6	136.5E6	427.273	394.472
31)	L7 AR-1260-1	6.263	6.236	156.4E6	113.8E6	512.734	455.480
32)	L7 AR-1260-2	6.453	6.424	200.4E6	131.7E6	523.303	447.608
33)	L7 AR-1260-3	6.820	6.576	174.9E6	121.0E6	501.721	422.065
34)	L7 AR-1260-4	7.080	7.046	137.3E6	87967117	490.315	438.163
35)	L7 AR-1260-5	7.323	7.288	349.1E6	197.6E6	484.965	429.909
36)	L8 AR-1262-1	6.820	6.789	174.9E6	109.1E6	359.373	320.210
37)	L8 AR-1262-2	7.323	7.288	349.1E6	197.6E6	431.824	392.930
38)	L8 AR-1262-3	7.607	7.570	86116880	42395137	254.585	225.945
39)	L8 AR-1262-4	7.671	7.633	244.2E6	122.5E6	413.562	370.851
40)	L8 AR-1262-5	8.168	8.127	93393066	34049039	327.446	303.182
41)	L9 AR-1268-1	7.607	7.570	86116880	42395137	88.816	79.977

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

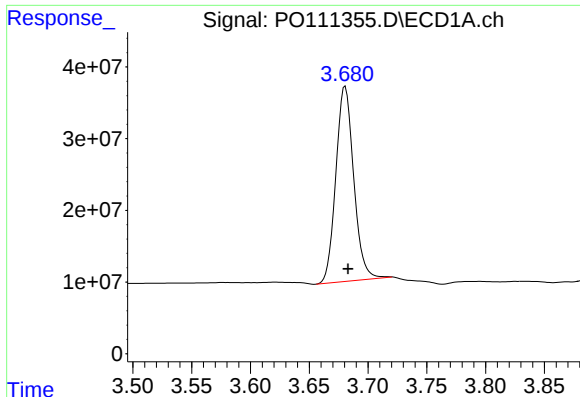
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 30 17:05:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0051525.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	7.671	7.633	244.2E6	122.5E6	273.580	253.903
43) L9	AR-1268-3	7.879	7.840	4983106	2289541	6.567	6.571
44) L9	AR-1268-4	8.168	8.127	93393066	34049039	285.975	267.536
45) L9	AR-1268-5	8.464	8.417	24874947	8404637	11.525	11.164

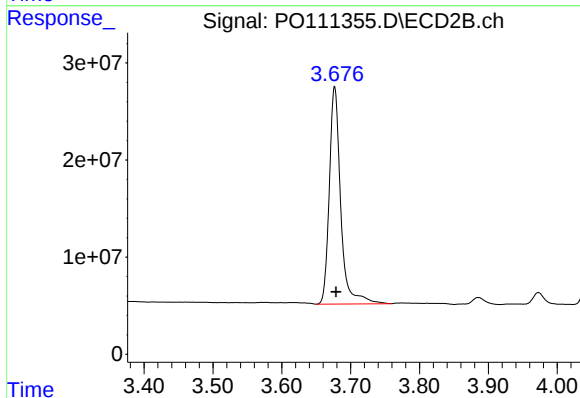
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

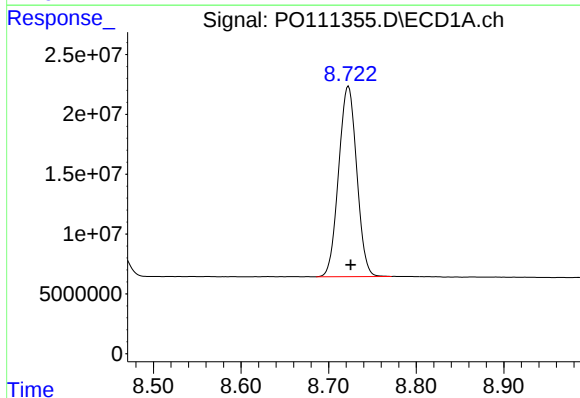
R.T.: 3.681 min
Delta R.T.: -0.002 min
Response: 288483676
Conc: 49.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



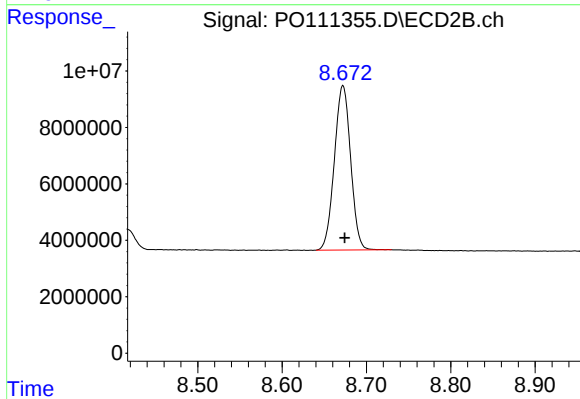
#1 Tetrachloro-m-xylene

R.T.: 3.677 min
Delta R.T.: -0.002 min
Response: 257578497
Conc: 47.25 ng/ml



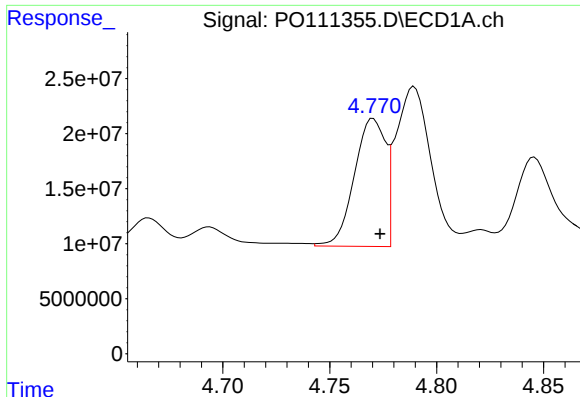
#2 Decachlorobiphenyl

R.T.: 8.723 min
Delta R.T.: -0.002 min
Response: 228321765
Conc: 44.22 ng/ml



#2 Decachlorobiphenyl

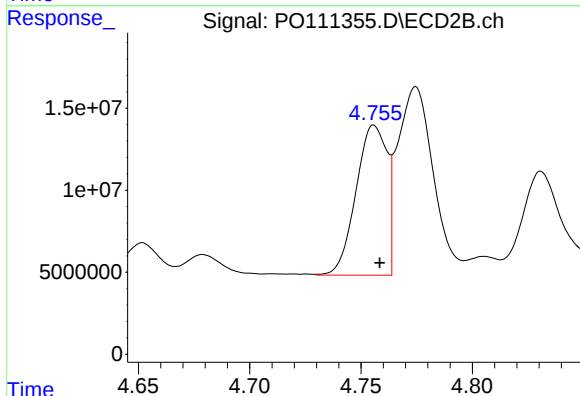
R.T.: 8.672 min
Delta R.T.: -0.002 min
Response: 78124636
Conc: 42.23 ng/ml



#3 AR-1016-1

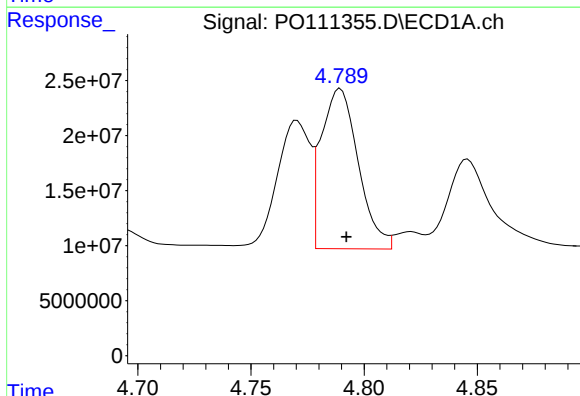
R.T.: 4.770 min
Delta R.T.: -0.003 min
Response: 117475486
Conc: 521.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



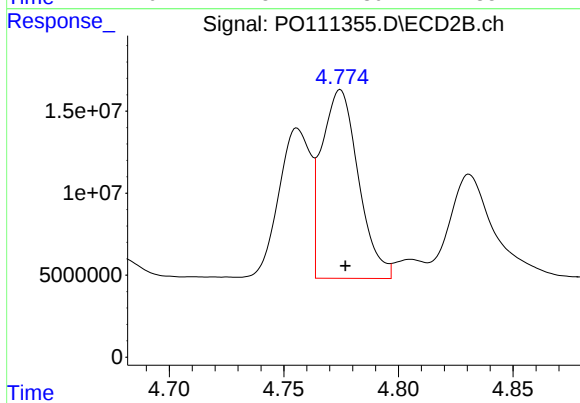
#3 AR-1016-1

R.T.: 4.756 min
Delta R.T.: -0.003 min
Response: 88434528
Conc: 463.18 ng/ml



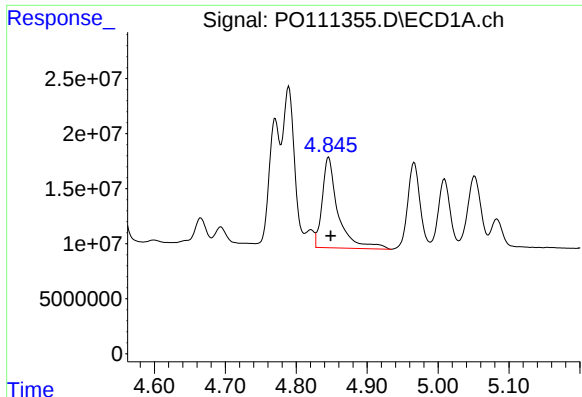
#4 AR-1016-2

R.T.: 4.790 min
Delta R.T.: -0.003 min
Response: 166126431
Conc: 520.88 ng/ml



#4 AR-1016-2

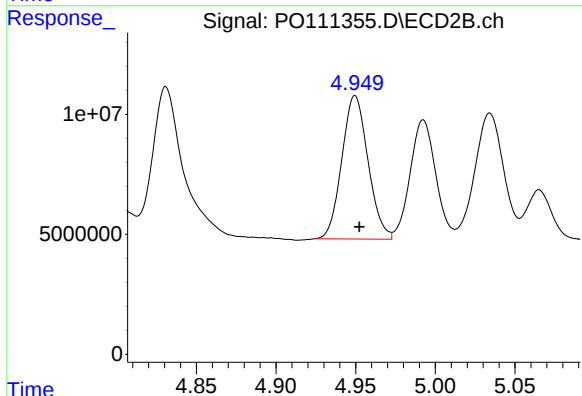
R.T.: 4.775 min
Delta R.T.: -0.002 min
Response: 128369944
Conc: 463.22 ng/ml



#5 AR-1016-3

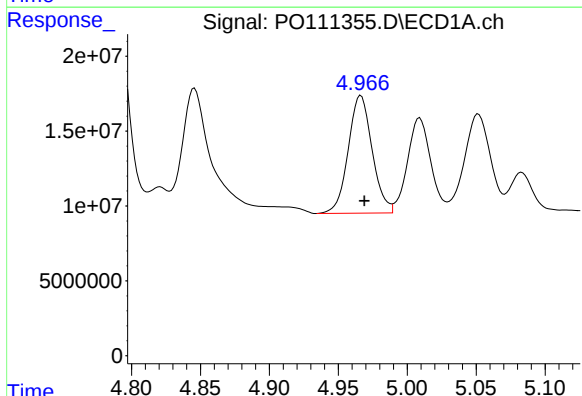
R.T.: 4.846 min
Delta R.T.: -0.003 min
Response: 128515203
Conc: 591.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



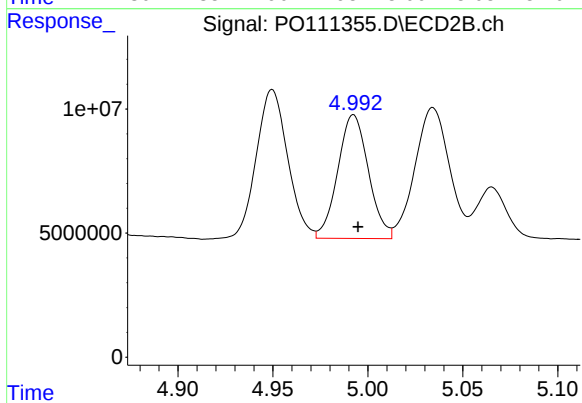
#5 AR-1016-3

R.T.: 4.950 min
Delta R.T.: -0.003 min
Response: 68497501
Conc: 468.92 ng/ml



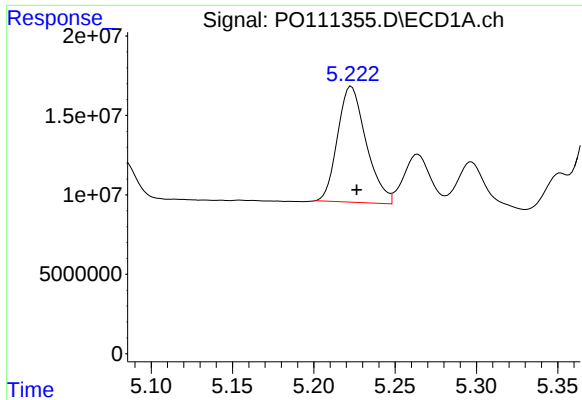
#6 AR-1016-4

R.T.: 4.966 min
Delta R.T.: -0.003 min
Response: 95053192
Conc: 545.82 ng/ml



#6 AR-1016-4

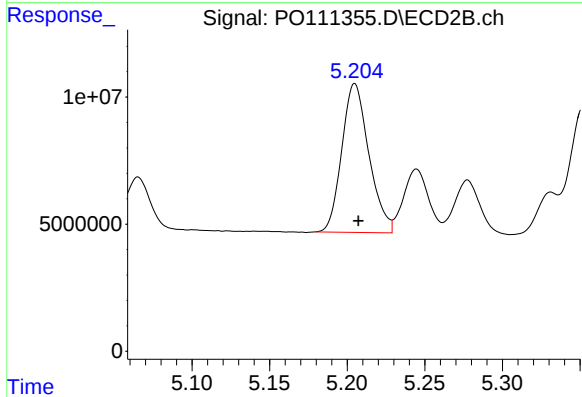
R.T.: 4.992 min
Delta R.T.: -0.002 min
Response: 56069612
Conc: 466.90 ng/ml



#7 AR-1016-5

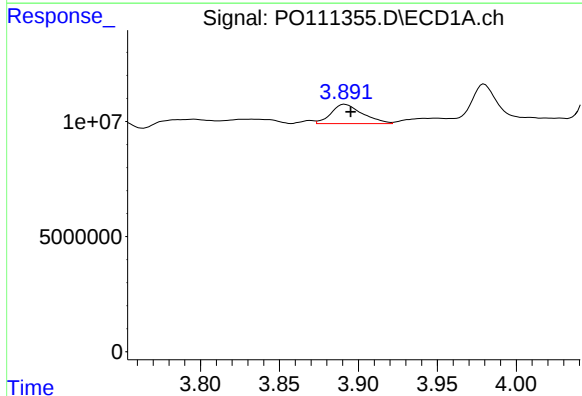
R.T.: 5.223 min
Delta R.T.: -0.003 min
Response: 89120016
Conc: 506.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



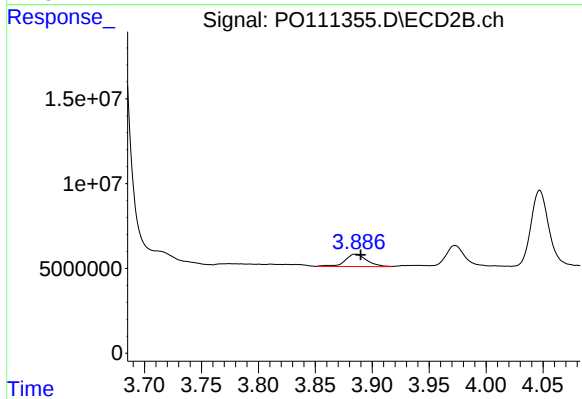
#7 AR-1016-5

R.T.: 5.205 min
Delta R.T.: -0.002 min
Response: 71221711
Conc: 461.28 ng/ml



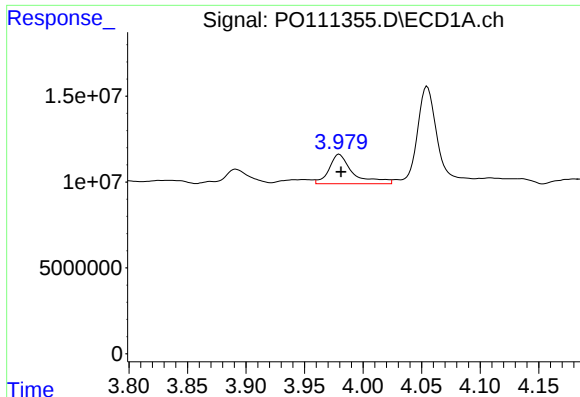
#8 AR-1221-1

R.T.: 3.891 min
Delta R.T.: -0.004 min
Response: 11572387
Conc: 132.85 ng/ml



#8 AR-1221-1

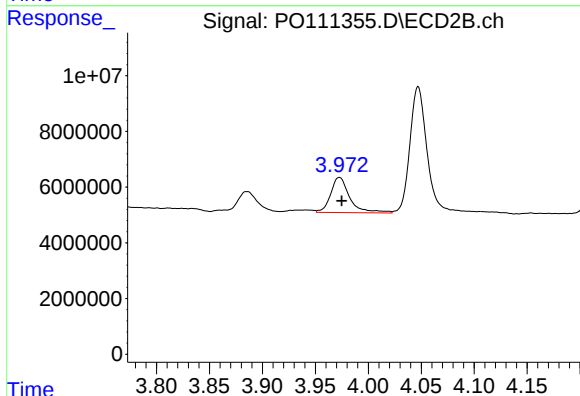
R.T.: 3.885 min
Delta R.T.: -0.004 min
Response: 9667015
Conc: 130.91 ng/ml



#9 AR-1221-2

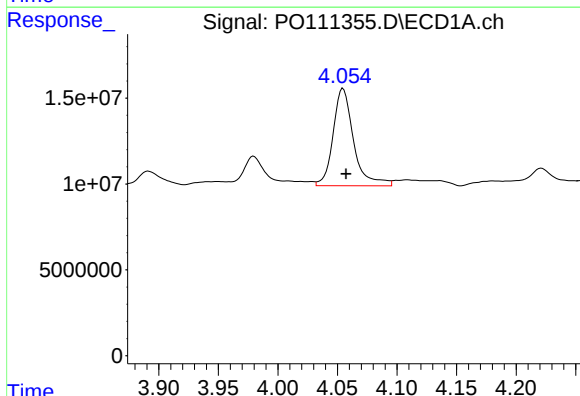
R.T.: 3.980 min
Delta R.T.: -0.002 min
Response: 24367967
Conc: 382.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



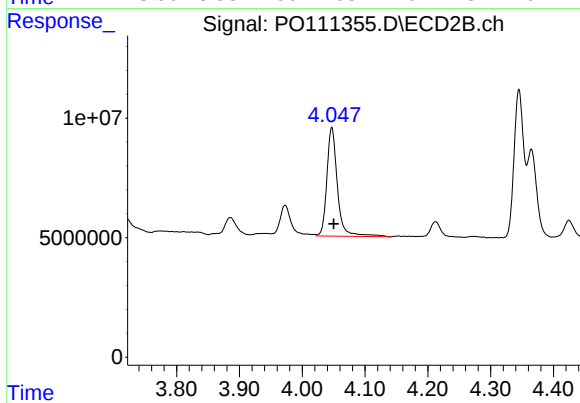
#9 AR-1221-2

R.T.: 3.973 min
Delta R.T.: -0.002 min
Response: 15863431
Conc: 291.53 ng/ml



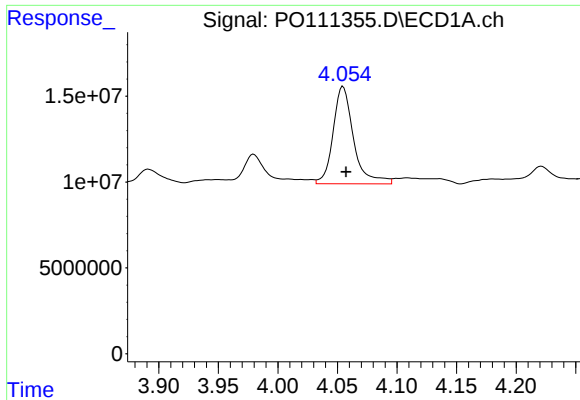
#10 AR-1221-3

R.T.: 4.055 min
Delta R.T.: -0.003 min
Response: 68036821
Conc: 353.76 ng/ml



#10 AR-1221-3

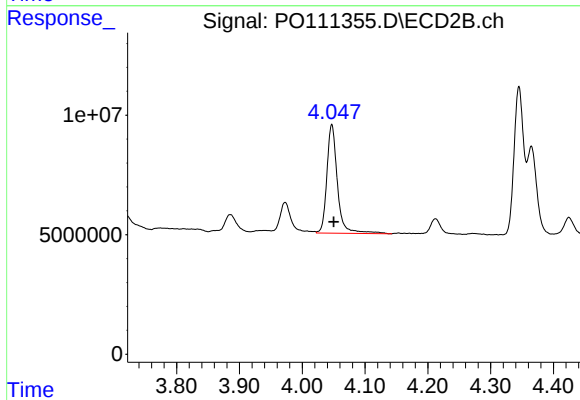
R.T.: 4.047 min
Delta R.T.: -0.003 min
Response: 53168529
Conc: 318.18 ng/ml



#11 AR-1232-1

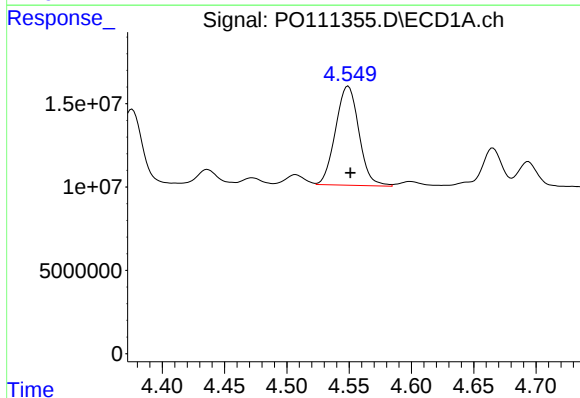
R.T.: 4.055 min
Delta R.T.: -0.003 min
Response: 68036821
Conc: 444.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



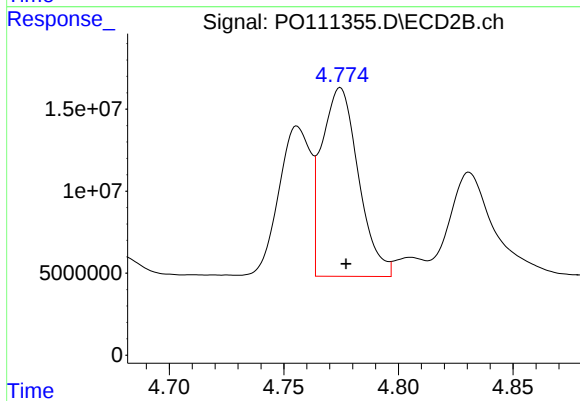
#11 AR-1232-1

R.T.: 4.047 min
Delta R.T.: -0.003 min
Response: 53168529
Conc: 407.13 ng/ml



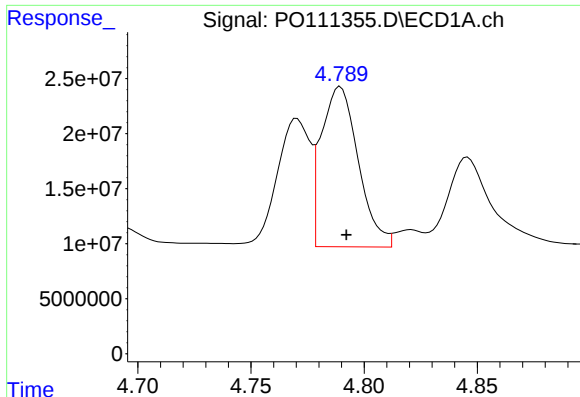
#12 AR-1232-2

R.T.: 4.549 min
Delta R.T.: -0.002 min
Response: 77830213
Conc: 949.77 ng/ml



#12 AR-1232-2

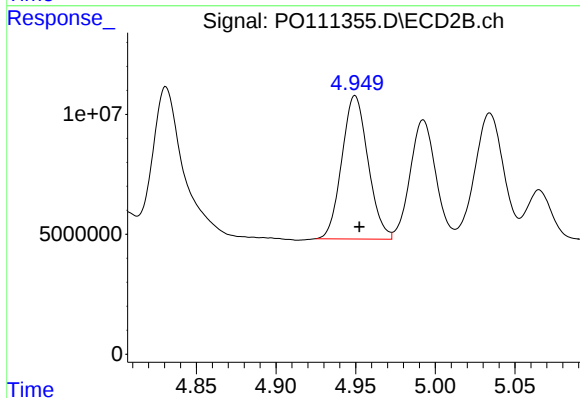
R.T.: 4.775 min
Delta R.T.: -0.003 min
Response: 128369944
Conc: 978.73 ng/ml



#13 AR-1232-3

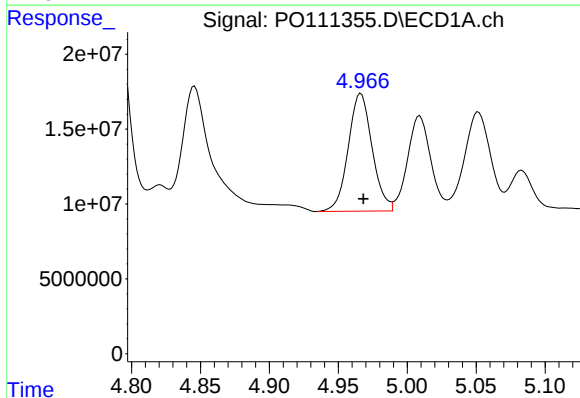
R.T.: 4.790 min
Delta R.T.: -0.003 min
Response: 166126431
Conc: 1086.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



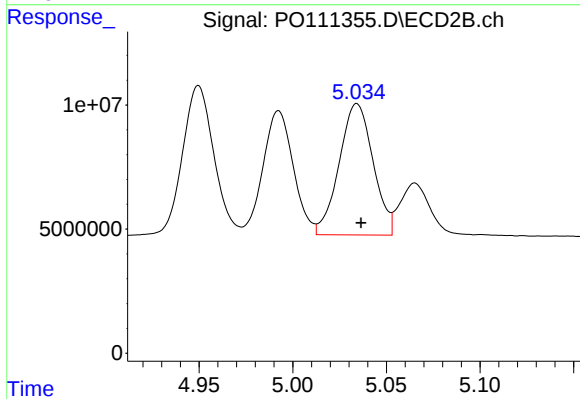
#13 AR-1232-3

R.T.: 4.950 min
Delta R.T.: -0.003 min
Response: 68497501
Conc: 1006.26 ng/ml



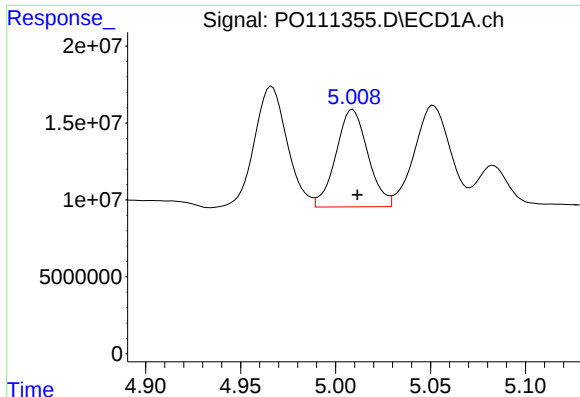
#14 AR-1232-4

R.T.: 4.966 min
Delta R.T.: -0.002 min
Response: 95053192
Conc: 1155.64 ng/ml



#14 AR-1232-4

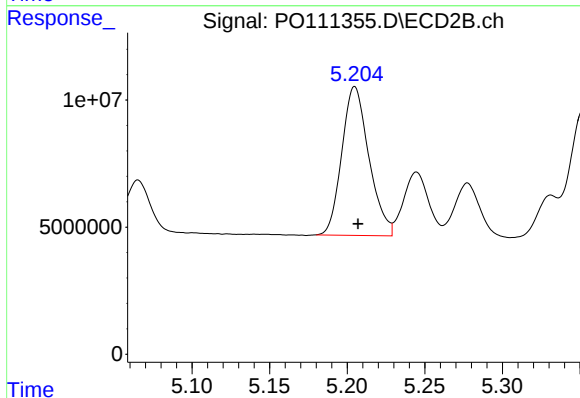
R.T.: 5.034 min
Delta R.T.: -0.002 min
Response: 66759938
Conc: 1082.42 ng/ml



#15 AR-1232-5

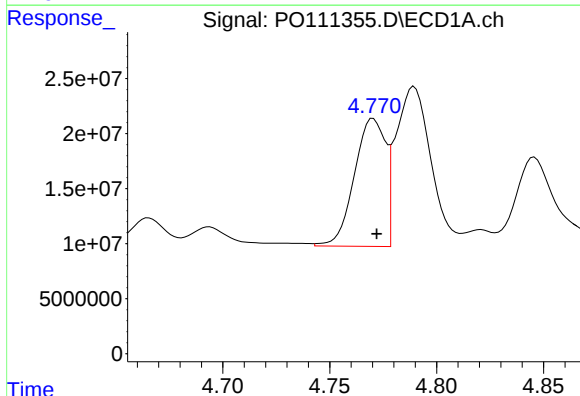
R.T.: 5.009 min
Delta R.T.: -0.002 min
Response: 74312320
Conc: 1369.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



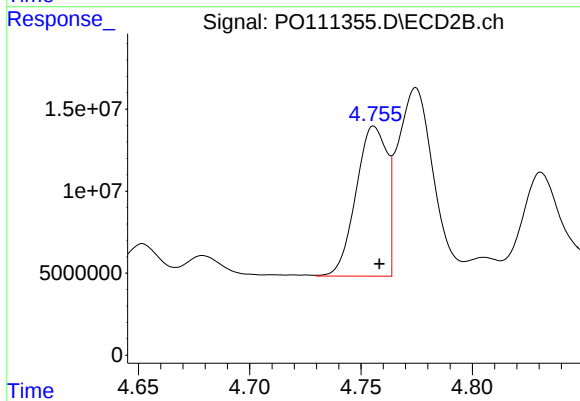
#15 AR-1232-5

R.T.: 5.205 min
Delta R.T.: -0.002 min
Response: 71221711
Conc: 1083.51 ng/ml



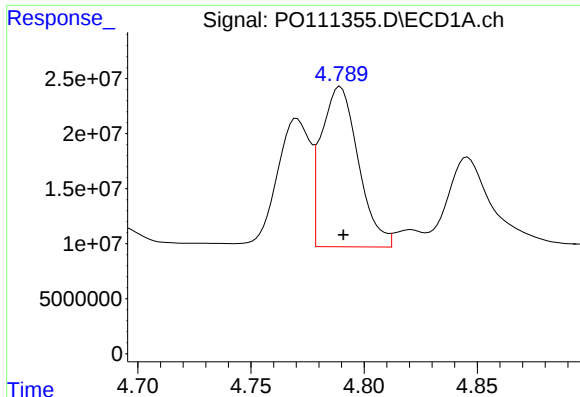
#16 AR-1242-1

R.T.: 4.770 min
Delta R.T.: -0.002 min
Response: 117475486
Conc: 614.41 ng/ml



#16 AR-1242-1

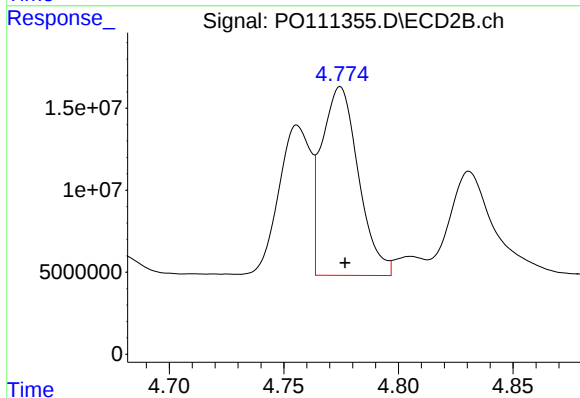
R.T.: 4.756 min
Delta R.T.: -0.002 min
Response: 88434528
Conc: 548.92 ng/ml



#17 AR-1242-2

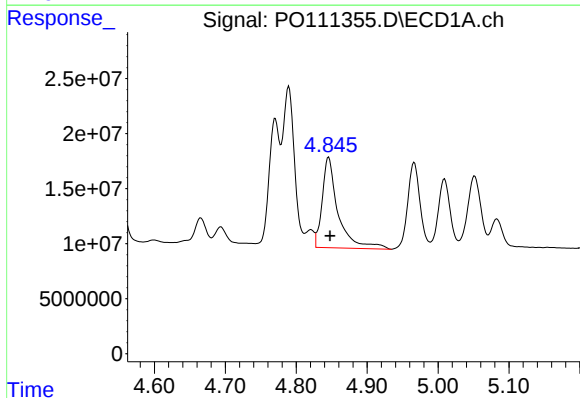
R.T.: 4.790 min
Delta R.T.: -0.001 min
Response: 166126431
Conc: 610.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



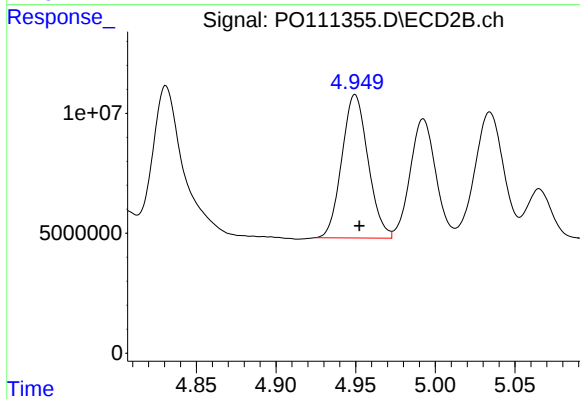
#17 AR-1242-2

R.T.: 4.775 min
Delta R.T.: -0.002 min
Response: 128369944
Conc: 547.17 ng/ml



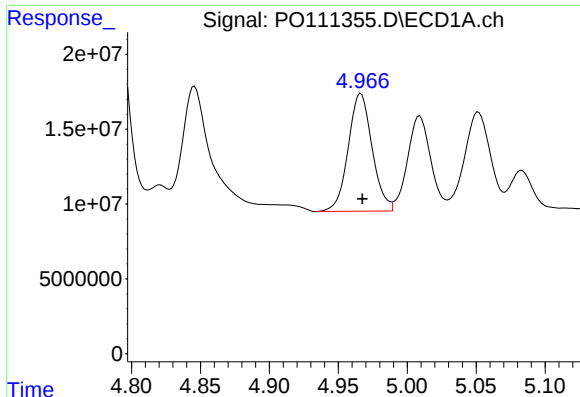
#18 AR-1242-3

R.T.: 4.846 min
Delta R.T.: -0.002 min
Response: 128515203
Conc: 690.99 ng/ml



#18 AR-1242-3

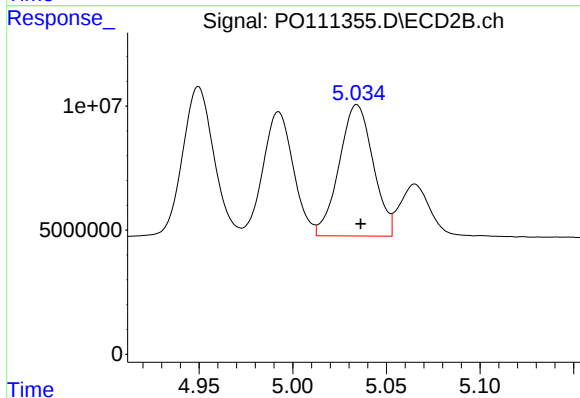
R.T.: 4.950 min
Delta R.T.: -0.003 min
Response: 68497501
Conc: 554.10 ng/ml



#19 AR-1242-4

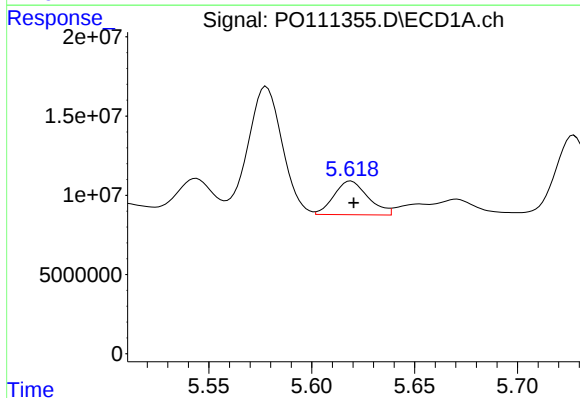
R.T.: 4.966 min
Delta R.T.: -0.001 min
Response: 95053192
Conc: 643.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



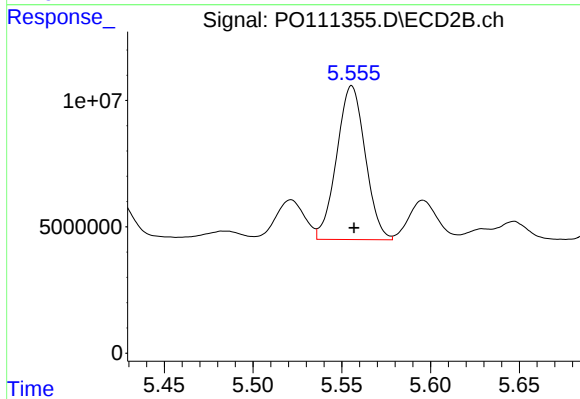
#19 AR-1242-4

R.T.: 5.034 min
Delta R.T.: -0.002 min
Response: 66759938
Conc: 540.06 ng/ml



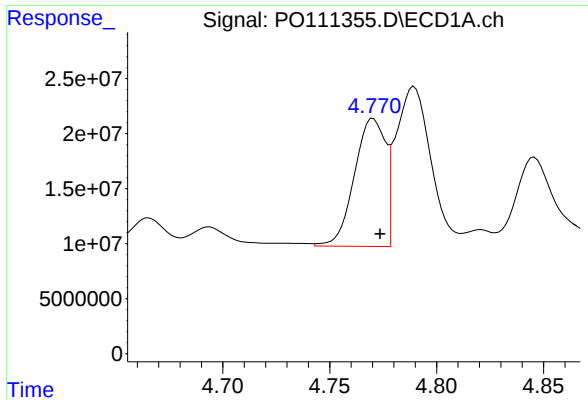
#20 AR-1242-5

R.T.: 5.619 min
Delta R.T.: -0.001 min
Response: 24538027
Conc: 157.76 ng/ml



#20 AR-1242-5

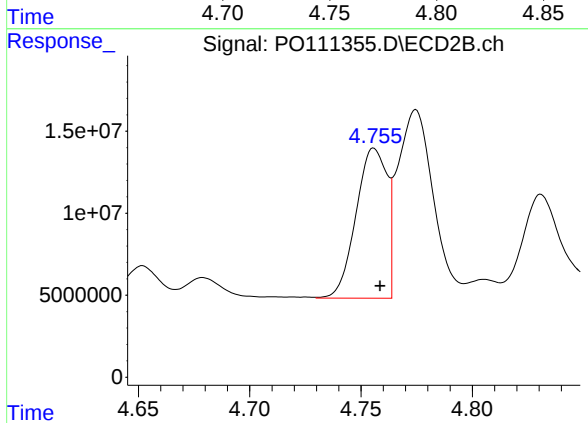
R.T.: 5.556 min
Delta R.T.: -0.001 min
Response: 68204471
Conc: 448.75 ng/ml



#21 AR-1248-1

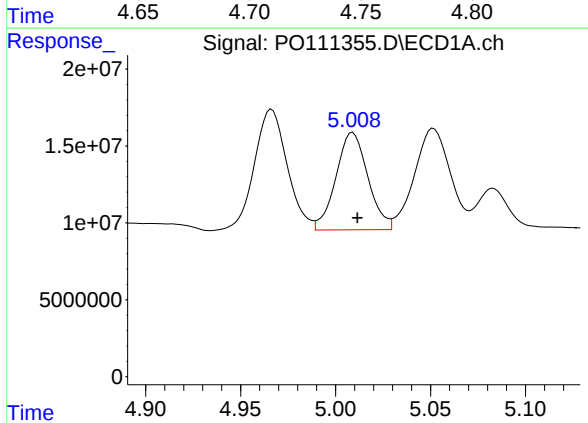
R.T.: 4.770 min
Delta R.T.: -0.003 min
Response: 117475486
Conc: 766.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



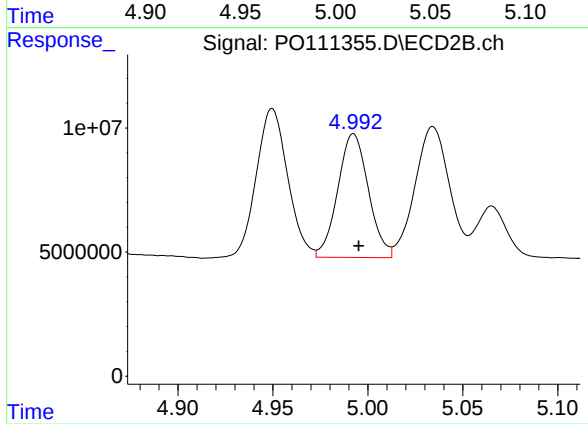
#21 AR-1248-1

R.T.: 4.756 min
Delta R.T.: -0.003 min
Response: 88434528
Conc: 681.69 ng/ml



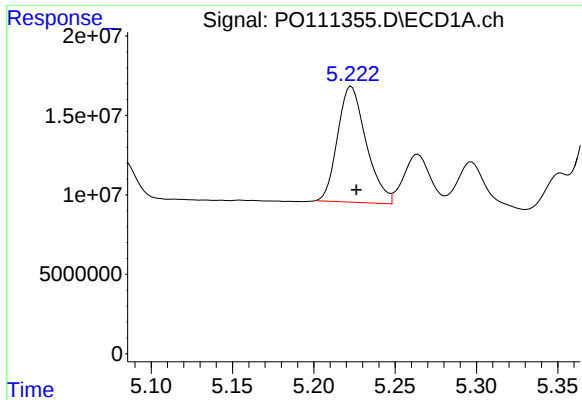
#22 AR-1248-2

R.T.: 5.009 min
Delta R.T.: -0.003 min
Response: 74312320
Conc: 370.60 ng/ml



#22 AR-1248-2

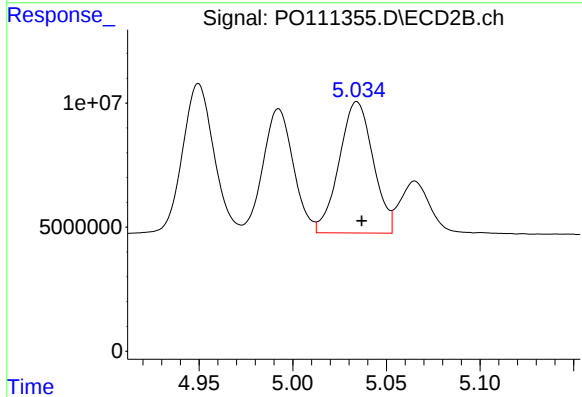
R.T.: 4.992 min
Delta R.T.: -0.003 min
Response: 56069612
Conc: 318.77 ng/ml



#23 AR-1248-3

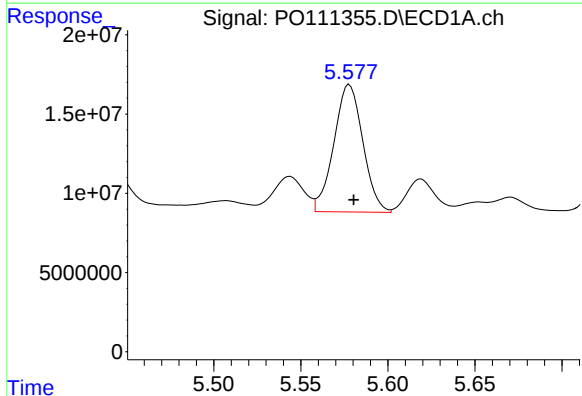
R.T.: 5.223 min
Delta R.T.: -0.003 min
Response: 89120016
Conc: 348.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



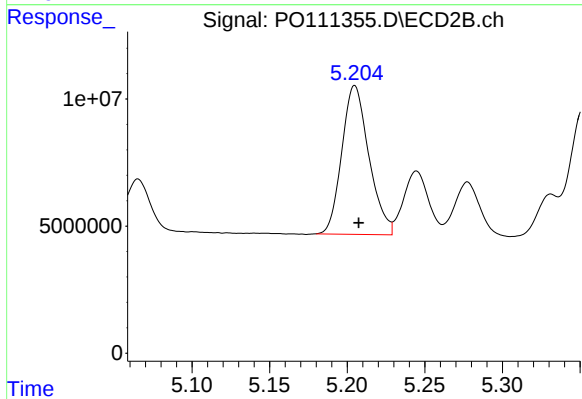
#23 AR-1248-3

R.T.: 5.034 min
Delta R.T.: -0.003 min
Response: 66759938
Conc: 355.84 ng/ml



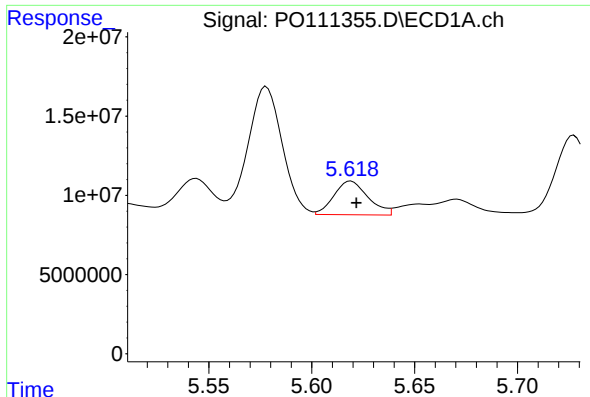
#24 AR-1248-4

R.T.: 5.578 min
Delta R.T.: -0.002 min
Response: 93359860
Conc: 257.77 ng/ml



#24 AR-1248-4

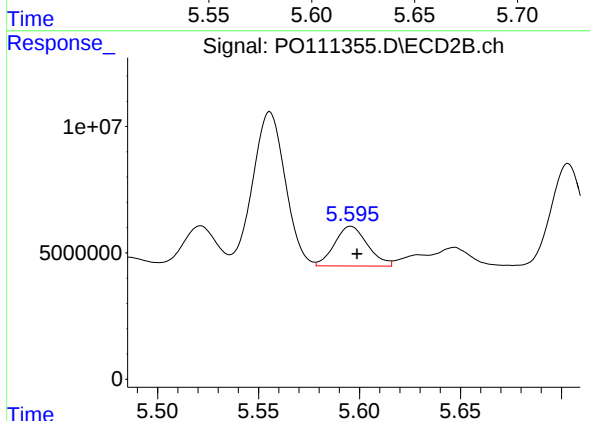
R.T.: 5.205 min
Delta R.T.: -0.003 min
Response: 71221711
Conc: 323.97 ng/ml



#25 AR-1248-5

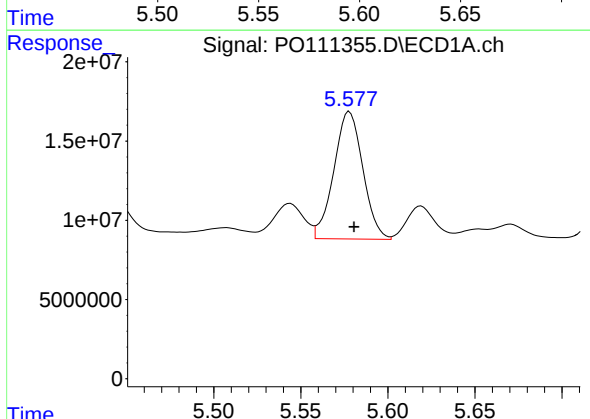
R.T.: 5.619 min
Delta R.T.: -0.003 min
Response: 24538027
Conc: 93.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



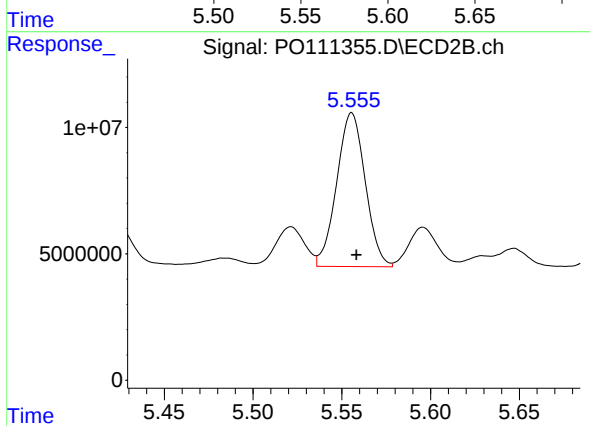
#25 AR-1248-5

R.T.: 5.596 min
Delta R.T.: -0.003 min
Response: 17858132
Conc: 81.80 ng/ml



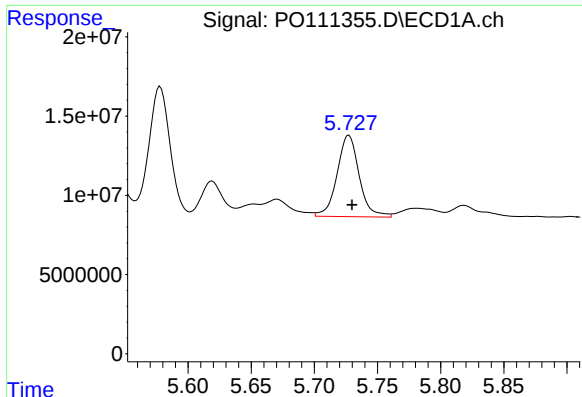
#26 AR-1254-1

R.T.: 5.578 min
Delta R.T.: -0.003 min
Response: 93359860
Conc: 245.96 ng/ml



#26 AR-1254-1

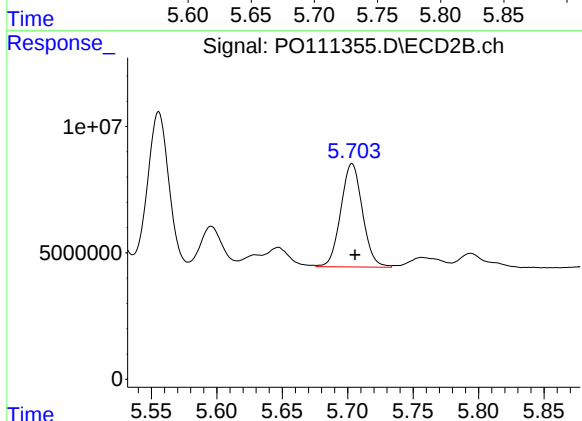
R.T.: 5.556 min
Delta R.T.: -0.003 min
Response: 68204471
Conc: 210.48 ng/ml



#27 AR-1254-2

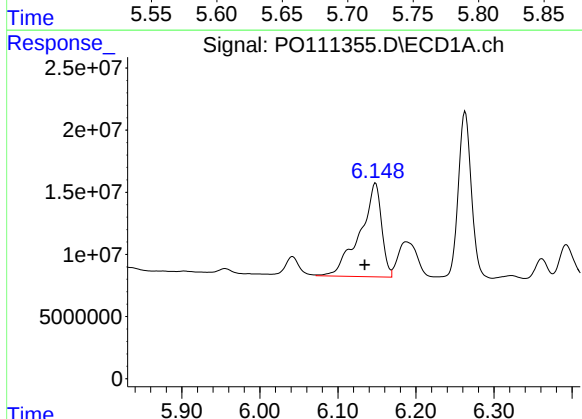
R.T.: 5.727 min
Delta R.T.: -0.002 min
Response: 62598545
Conc: 191.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



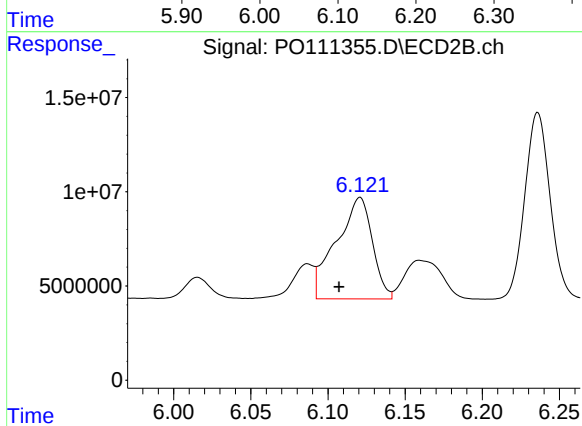
#27 AR-1254-2

R.T.: 5.703 min
Delta R.T.: -0.002 min
Response: 47196544
Conc: 166.63 ng/ml



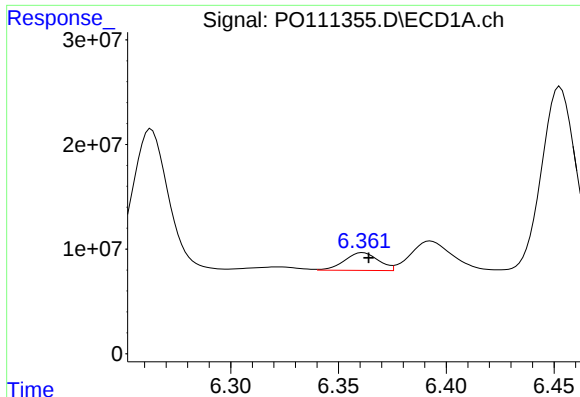
#28 AR-1254-3

R.T.: 6.148 min
Delta R.T.: 0.014 min
Response: 145598133
Conc: 276.73 ng/ml



#28 AR-1254-3

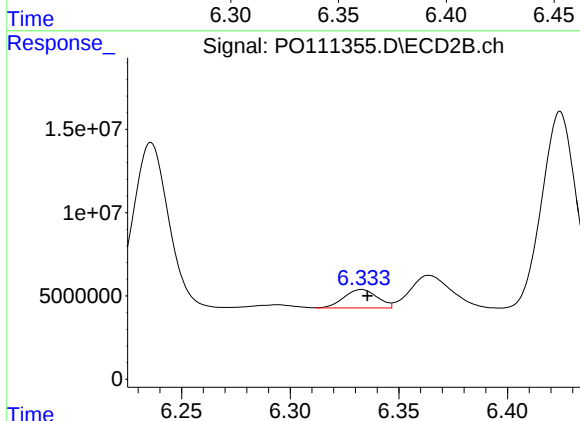
R.T.: 6.121 min
Delta R.T.: 0.013 min
Response: 87925741
Conc: 203.79 ng/ml



#29 AR-1254-4

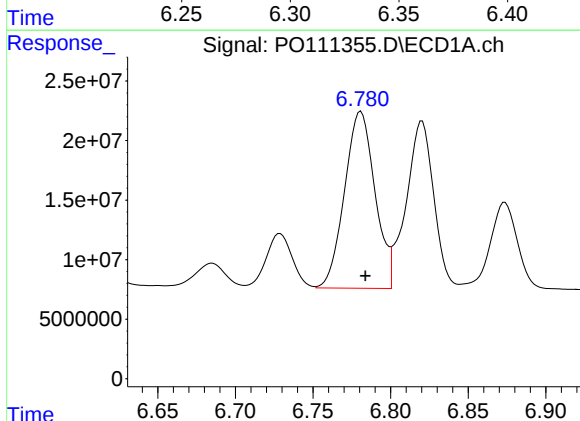
R.T.: 6.361 min
Delta R.T.: -0.003 min
Response: 18464351
Conc: 54.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



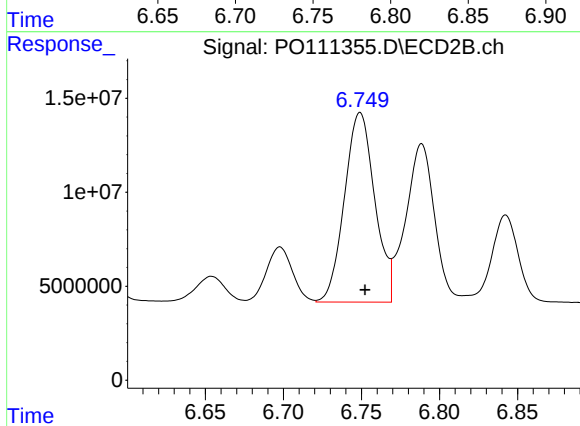
#29 AR-1254-4

R.T.: 6.333 min
Delta R.T.: -0.003 min
Response: 11801311
Conc: 47.71 ng/ml



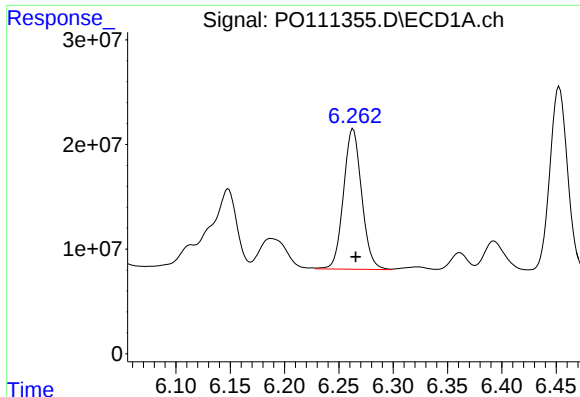
#30 AR-1254-5

R.T.: 6.781 min
Delta R.T.: -0.003 min
Response: 202721706
Conc: 427.27 ng/ml



#30 AR-1254-5

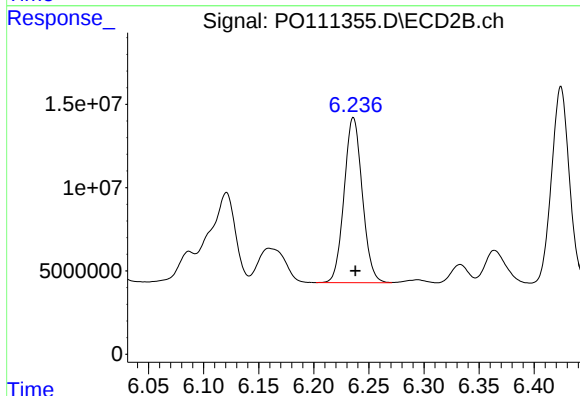
R.T.: 6.749 min
Delta R.T.: -0.003 min
Response: 136463754
Conc: 394.47 ng/ml



#31 AR-1260-1

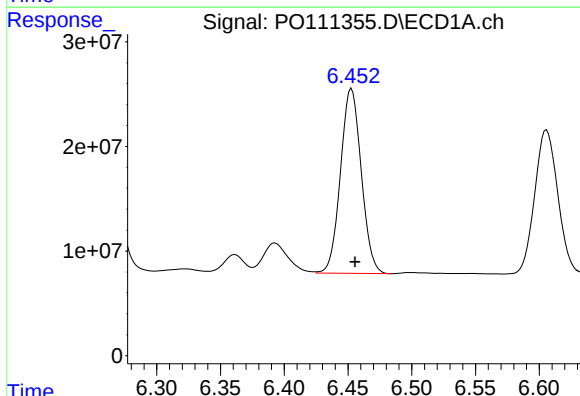
R.T.: 6.263 min
Delta R.T.: -0.002 min
Response: 156367315
Conc: 512.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



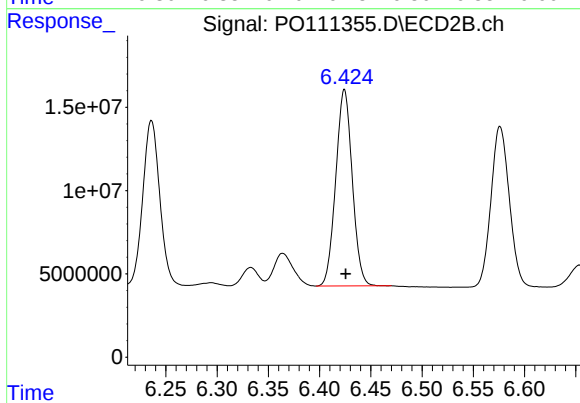
#31 AR-1260-1

R.T.: 6.236 min
Delta R.T.: -0.002 min
Response: 113819174
Conc: 455.48 ng/ml



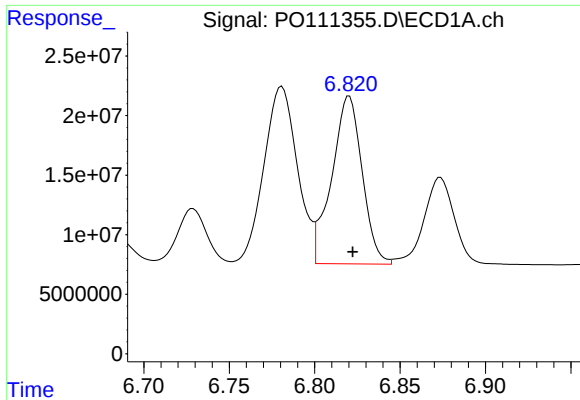
#32 AR-1260-2

R.T.: 6.453 min
Delta R.T.: -0.003 min
Response: 200399027
Conc: 523.30 ng/ml



#32 AR-1260-2

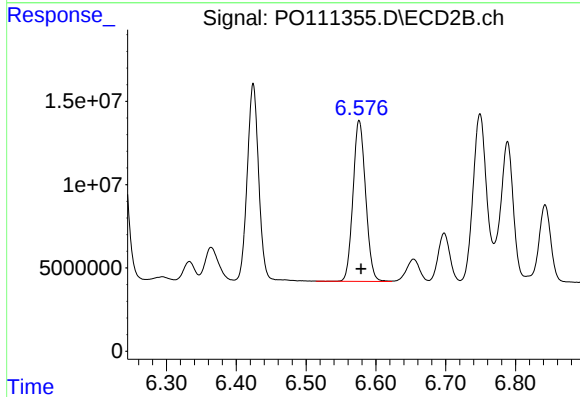
R.T.: 6.424 min
Delta R.T.: -0.001 min
Response: 131725432
Conc: 447.61 ng/ml



#33 AR-1260-3

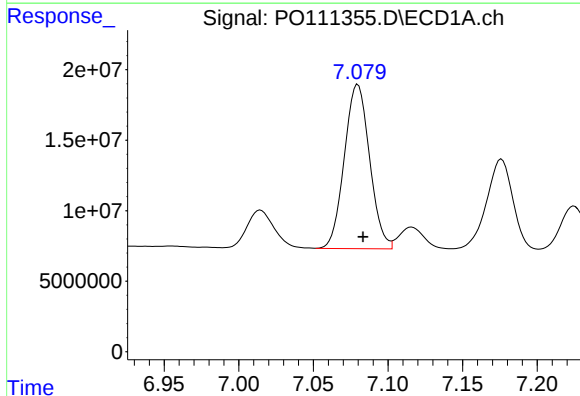
R.T.: 6.820 min
Delta R.T.: -0.002 min
Response: 174893933
Conc: 501.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



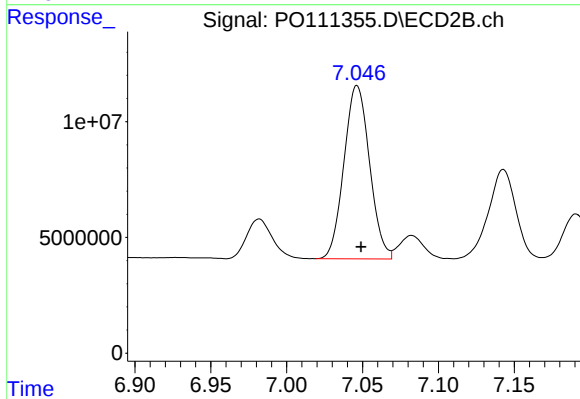
#33 AR-1260-3

R.T.: 6.576 min
Delta R.T.: -0.003 min
Response: 121013977
Conc: 422.07 ng/ml



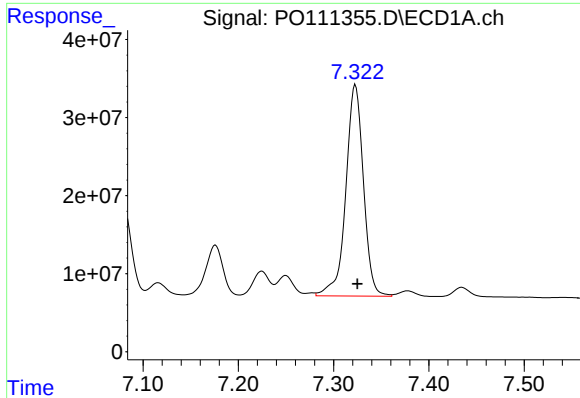
#34 AR-1260-4

R.T.: 7.080 min
Delta R.T.: -0.004 min
Response: 137269382
Conc: 490.32 ng/ml



#34 AR-1260-4

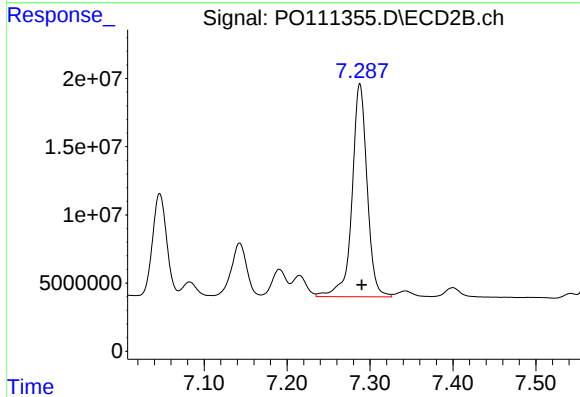
R.T.: 7.046 min
Delta R.T.: -0.003 min
Response: 87967117
Conc: 438.16 ng/ml



#35 AR-1260-5

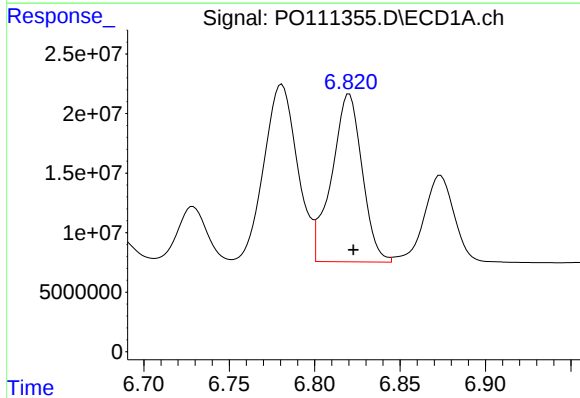
R.T.: 7.323 min
Delta R.T.: -0.002 min
Response: 349127118
Conc: 484.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



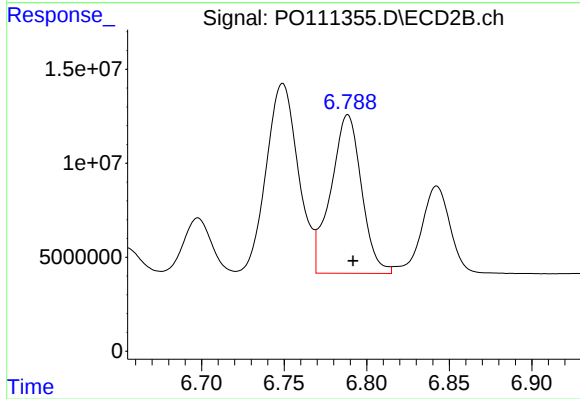
#35 AR-1260-5

R.T.: 7.288 min
Delta R.T.: -0.002 min
Response: 197589487
Conc: 429.91 ng/ml



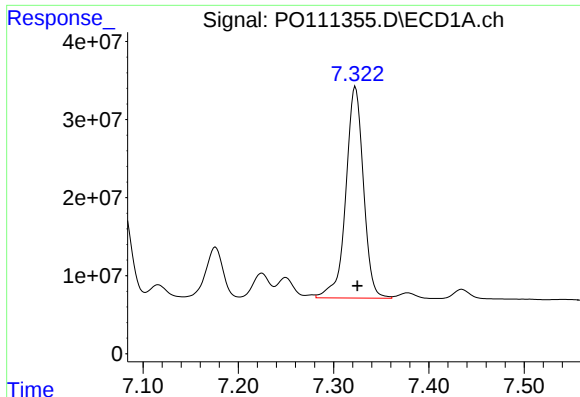
#36 AR-1262-1

R.T.: 6.820 min
Delta R.T.: -0.002 min
Response: 174893933
Conc: 359.37 ng/ml



#36 AR-1262-1

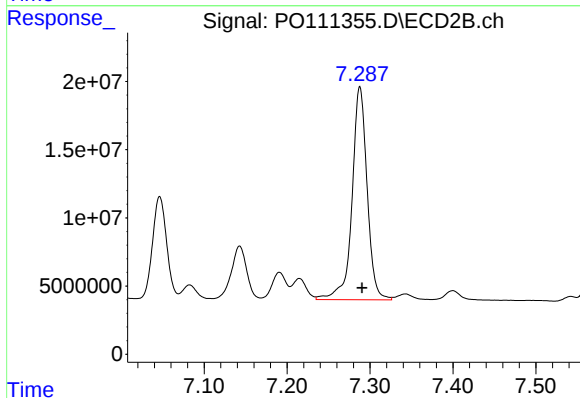
R.T.: 6.789 min
Delta R.T.: -0.003 min
Response: 109121409
Conc: 320.21 ng/ml



#37 AR-1262-2

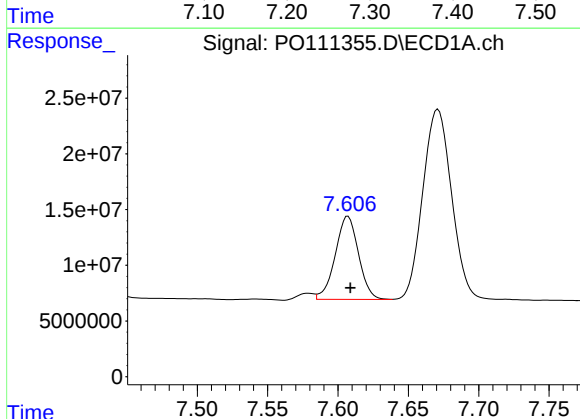
R.T.: 7.323 min
Delta R.T.: -0.002 min
Response: 349127118
Conc: 431.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



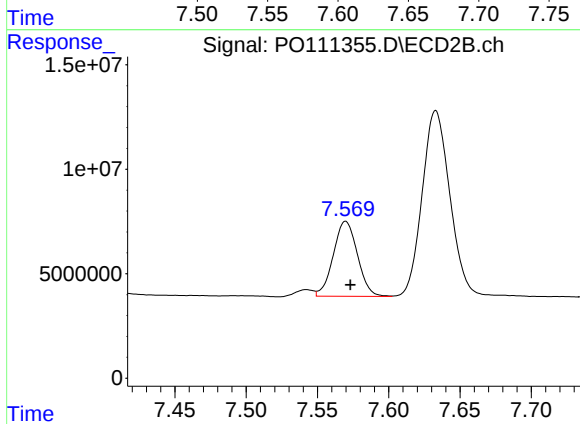
#37 AR-1262-2

R.T.: 7.288 min
Delta R.T.: -0.003 min
Response: 197589487
Conc: 392.93 ng/ml



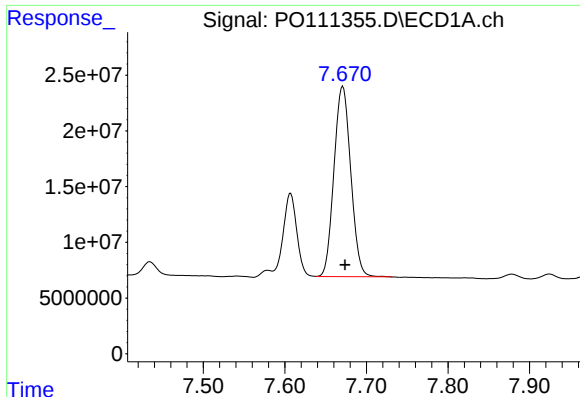
#38 AR-1262-3

R.T.: 7.607 min
Delta R.T.: -0.002 min
Response: 86116880
Conc: 254.59 ng/ml



#38 AR-1262-3

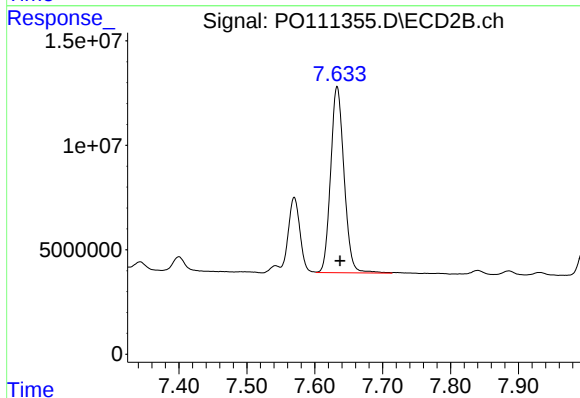
R.T.: 7.570 min
Delta R.T.: -0.003 min
Response: 42395137
Conc: 225.94 ng/ml



#39 AR-1262-4

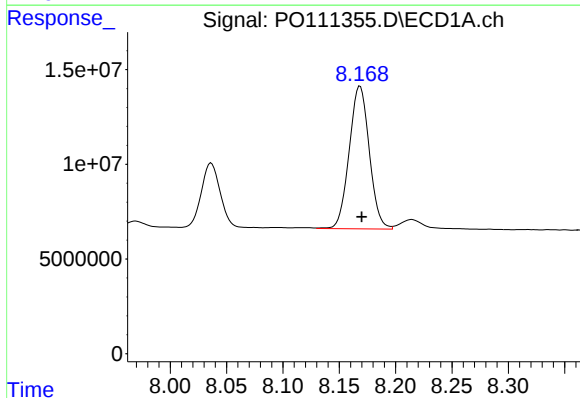
R.T.: 7.671 min
Delta R.T.: -0.002 min
Response: 244173338
Conc: 413.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



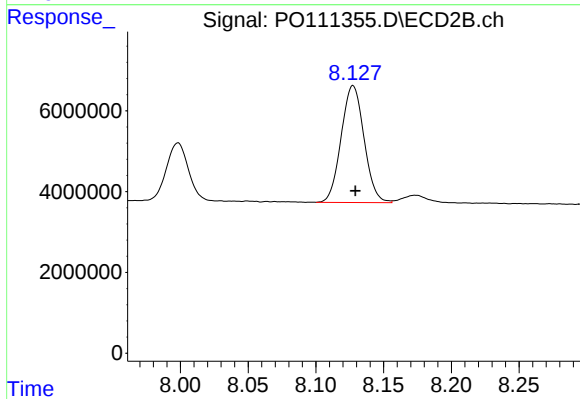
#39 AR-1262-4

R.T.: 7.633 min
Delta R.T.: -0.004 min
Response: 122466362
Conc: 370.85 ng/ml



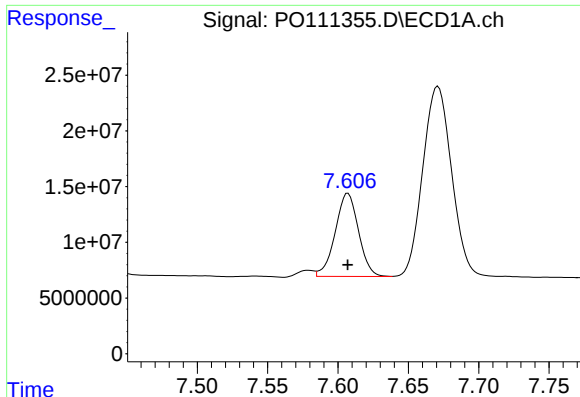
#40 AR-1262-5

R.T.: 8.168 min
Delta R.T.: -0.002 min
Response: 93393066
Conc: 327.45 ng/ml



#40 AR-1262-5

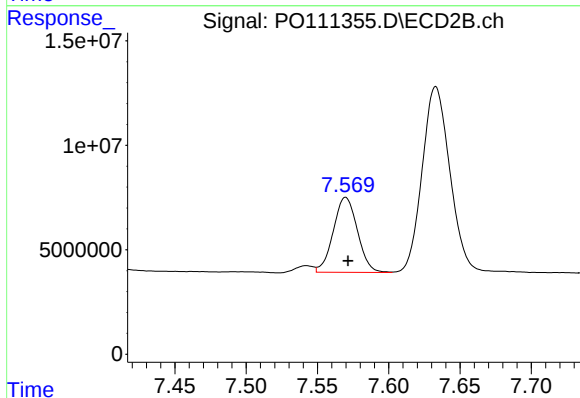
R.T.: 8.127 min
Delta R.T.: -0.002 min
Response: 34049039
Conc: 303.18 ng/ml



#41 AR-1268-1

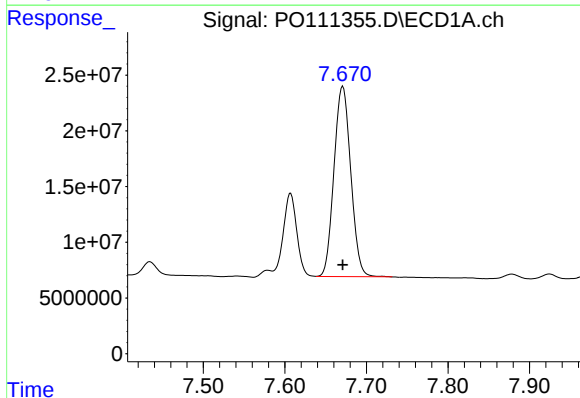
R.T.: 7.607 min
Delta R.T.: 0.000 min
Response: 86116880
Conc: 88.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



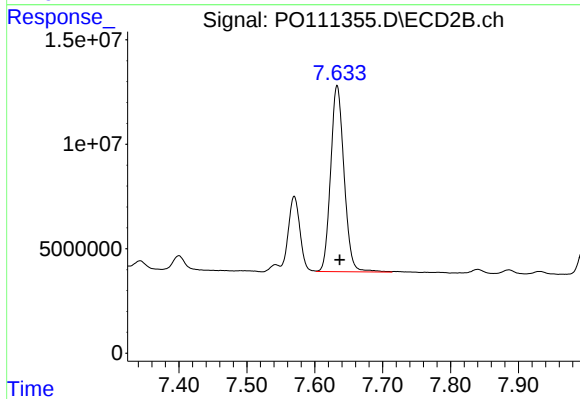
#41 AR-1268-1

R.T.: 7.570 min
Delta R.T.: -0.002 min
Response: 42395137
Conc: 79.98 ng/ml



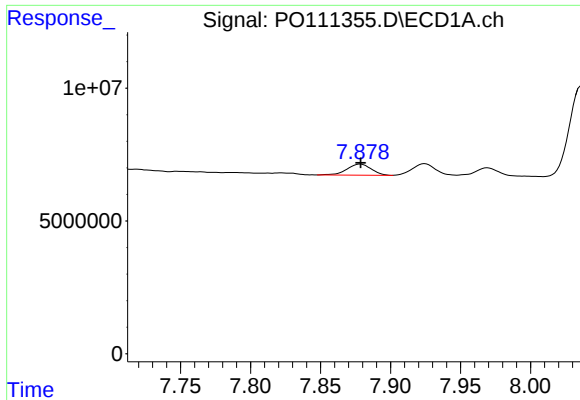
#42 AR-1268-2

R.T.: 7.671 min
Delta R.T.: 0.000 min
Response: 244173338
Conc: 273.58 ng/ml



#42 AR-1268-2

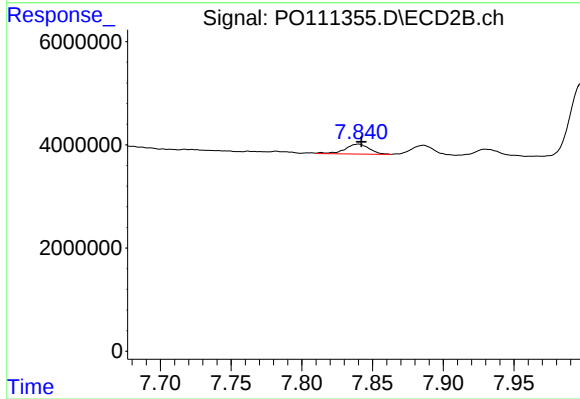
R.T.: 7.633 min
Delta R.T.: -0.004 min
Response: 122466362
Conc: 253.90 ng/ml



#43 AR-1268-3

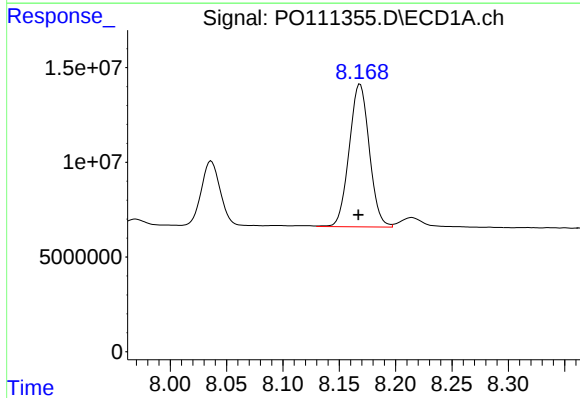
R.T.: 7.879 min
Delta R.T.: 0.000 min
Response: 4983106
Conc: 6.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



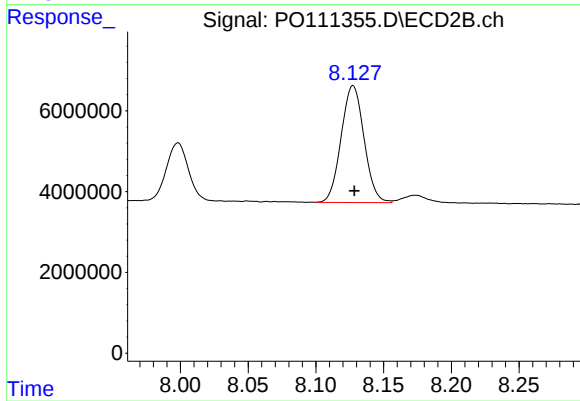
#43 AR-1268-3

R.T.: 7.840 min
Delta R.T.: -0.002 min
Response: 2289541
Conc: 6.57 ng/ml



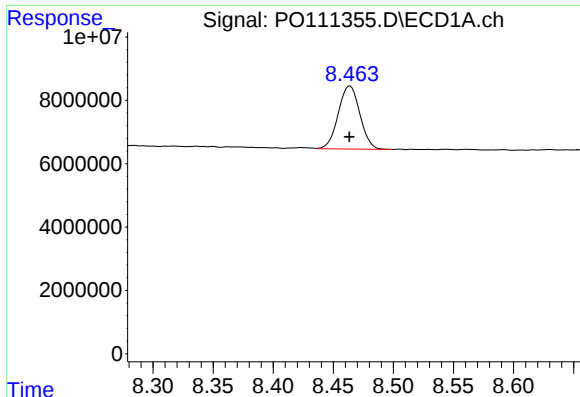
#44 AR-1268-4

R.T.: 8.168 min
Delta R.T.: 0.001 min
Response: 93393066
Conc: 285.97 ng/ml



#44 AR-1268-4

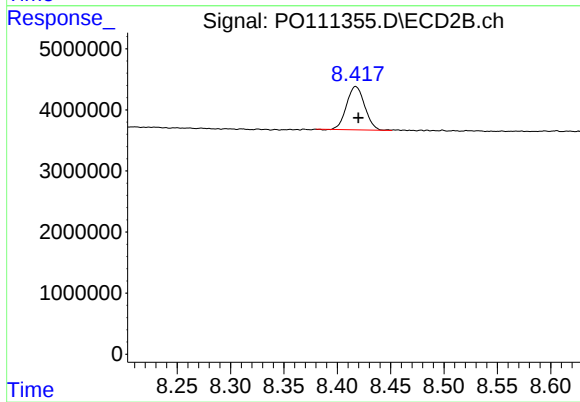
R.T.: 8.127 min
Delta R.T.: 0.000 min
Response: 34049039
Conc: 267.54 ng/ml



#45 AR-1268-5

R.T.: 8.464 min
Delta R.T.: 0.000 min
Response: 24874947
Conc: 11.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.417 min
Delta R.T.: -0.003 min
Response: 8404637
Conc: 11.16 ng/ml