

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080222\
 Data File : PP050105.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2022 20:56
 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: Aug 02 23:58:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP071422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 14 06:08:44 2022
 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...	4.352	3.601	75761184	151.7E6	52.208	62.055
2)	SA Decachlor...	10.104	8.564	63169692	52778573	44.662	45.319
Target Compounds							
3)	L1 AR-1016-1	0.000	4.670	0	1160431	N.D.	13.018 #
4)	L1 AR-1016-2	0.000	4.688	0	747043	N.D.	5.938 #
5)	L1 AR-1016-3	0.000	4.865	0	462221	N.D.	7.034 #
6)	L1 AR-1016-4	0.000	4.905	0	25644180	N.D.	482.407 #
7)	L1 AR-1016-5	6.007	5.116	8805179	15304331	215.129	222.587
9)	L2 AR-1221-2	0.000	3.896	0	2096658	N.D.	91.790 #
10)	L2 AR-1221-3	0.000	3.969	0	387708	N.D.	5.698 #
11)	L3 AR-1232-1	0.000	3.969	0	387708	N.D.	7.558 #
12)	L3 AR-1232-2	0.000	4.688	0	747043	N.D.	15.577 #
13)	L3 AR-1232-3	0.000	4.865	0	462221	N.D.	18.516 #
14)	L3 AR-1232-4	0.000	4.945	0	7913282	N.D.	345.963 #
15)	L3 AR-1232-5	5.800	5.116	15058645	15304331	1207.262	594.888 #
16)	L4 AR-1242-1	0.000	4.670	0	1160431	N.D.	16.545 #
17)	L4 AR-1242-2	0.000	4.688	0	747043	N.D.	7.571 #
18)	L4 AR-1242-3	0.000	4.865	0	462221	N.D.	8.857 #
19)	L4 AR-1242-4	0.000	4.945	0	7913282	N.D.	150.983 #
20)	L4 AR-1242-5	6.454	5.467	8224859	55212987	239.155	868.608 #
21)	L5 AR-1248-1	0.000	4.670	0	1160431	N.D.	20.637 #
22)	L5 AR-1248-2	5.800	4.905	15058645	25644180	303.857	344.549
23)	L5 AR-1248-3	6.007	4.945	8805179	7913282	158.987	103.635 #
24)	L5 AR-1248-4	6.413	5.116	13708793	15304331	221.154	168.549
25)	L5 AR-1248-5	6.454	5.507	8224859	6760252	139.715	81.111 #
26)	L6 AR-1254-1	6.385	5.467	27820629	55212987	441.729	435.328
27)	L6 AR-1254-2	6.604	5.612	41465237	47216342	425.623	427.177
28)	L6 AR-1254-3	6.974	6.015	42011735	65475533	406.605	402.247
29)	L6 AR-1254-4	7.262	6.242	33311132	39293661	416.108	406.106
30)	L6 AR-1254-5	7.681	6.658	41115200	53100880	462.581	400.714
31)	L7 AR-1260-1	7.135	6.143	9438529	30128042	124.829	287.479 #
32)	L7 AR-1260-2	7.392	6.330	19545450	24409205	206.470	202.859
33)	L7 AR-1260-3	7.743	6.483	4867630	24830572	77.732	219.441 #
34)	L7 AR-1260-4	7.974	6.953	18903908	2631435	244.316	34.401 #
35)	L7 AR-1260-5	8.300	7.193	6915945	5798499	44.982	33.910
36)	L8 AR-1262-1	7.743	6.727f	4867630	4696214	50.569	39.619
37)	L8 AR-1262-2	8.300	6.953	6915945	2631435	38.837	26.039 #
38)	L8 AR-1262-3	8.631f	7.478	2573799	229728	32.776	3.549 #
39)	L8 AR-1262-4	0.000	7.539	0	5411828	N.D.	42.303 #
40)	L8 AR-1262-5	0.000	8.035	0	175157	N.D.	3.190 #
41)	L9 AR-1268-1	8.631f	7.478	2573799	229728	12.606	1.251 #
42)	L9 AR-1268-2	0.000	7.539	0	5411828	N.D.	31.281 #

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Integration File signal 1: autoint1.e
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 Quant Time: Aug 02 23:58:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP071422.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
44) L9	AR-1268-4	0.000	8.035	0	175157	N.D.	2.897 #
45) L9	AR-1268-5	0.000	8.319	0	264317	N.D.	0.646 #

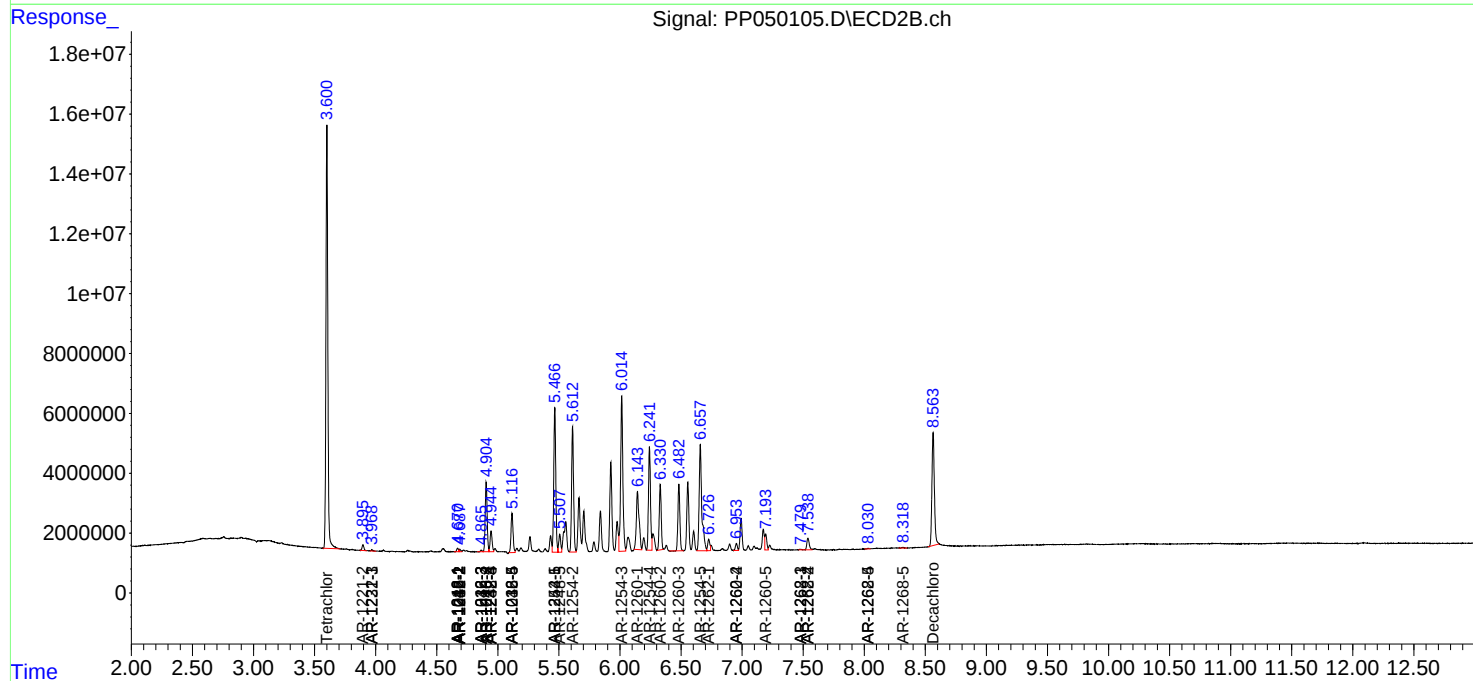
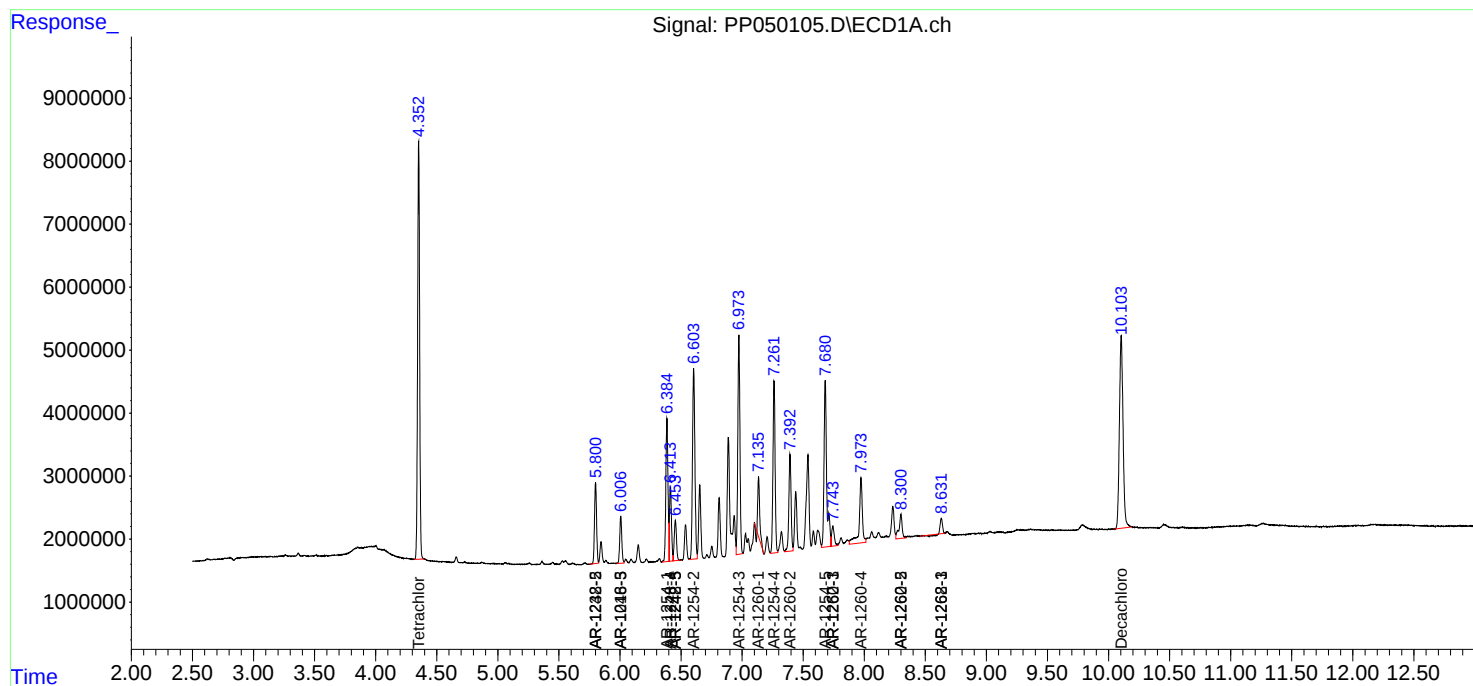
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

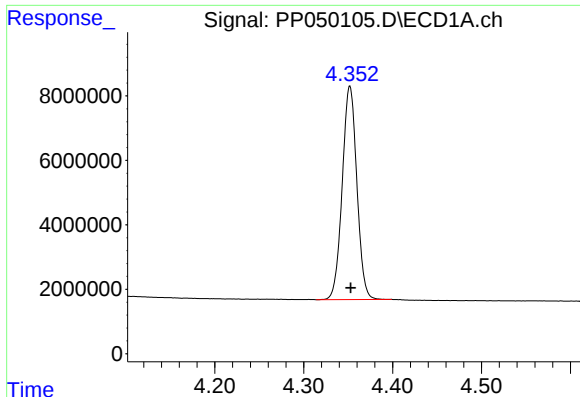
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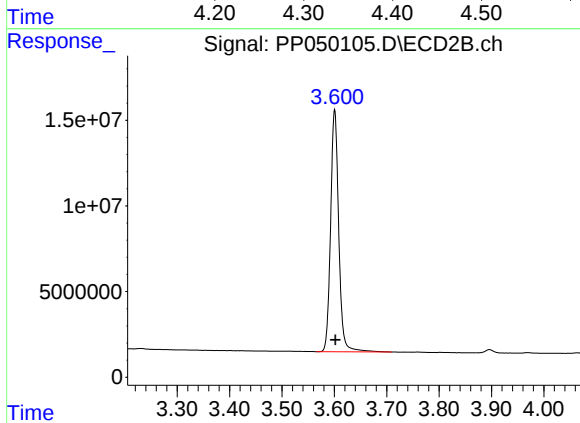




#1 Tetrachloro-m-xylene

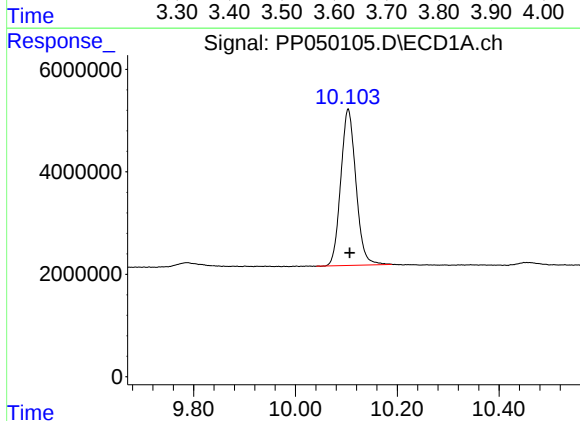
R.T.: 4.352 min
Delta R.T.: -0.001 min
Response: 75761184
Conc: 52.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



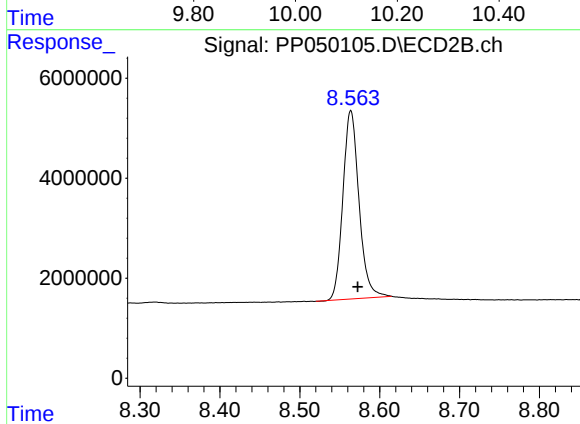
#1 Tetrachloro-m-xylene

R.T.: 3.601 min
Delta R.T.: -0.001 min
Response: 151683576
Conc: 62.06 ng/ml



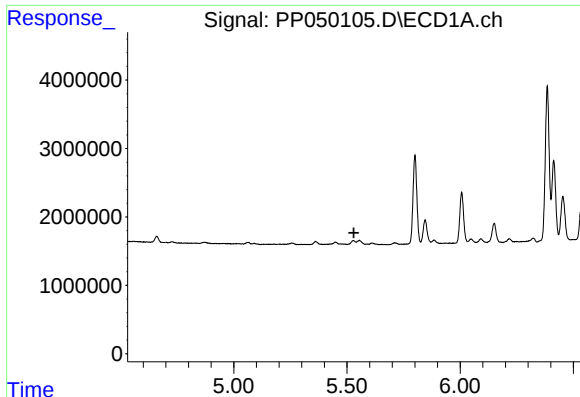
#2 Decachlorobiphenyl

R.T.: 10.104 min
Delta R.T.: -0.003 min
Response: 63169692
Conc: 44.66 ng/ml



#2 Decachlorobiphenyl

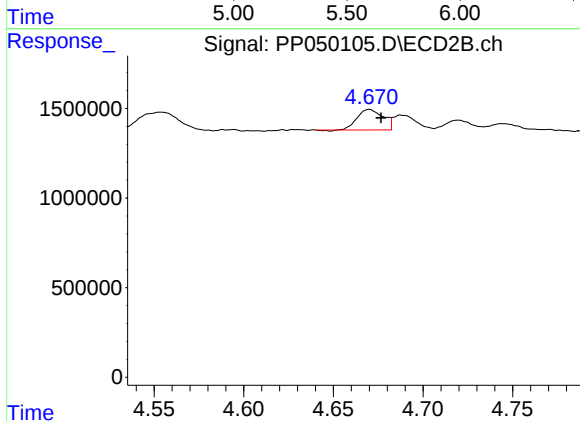
R.T.: 8.564 min
Delta R.T.: -0.009 min
Response: 52778573
Conc: 45.32 ng/ml



#3 AR-1016-1

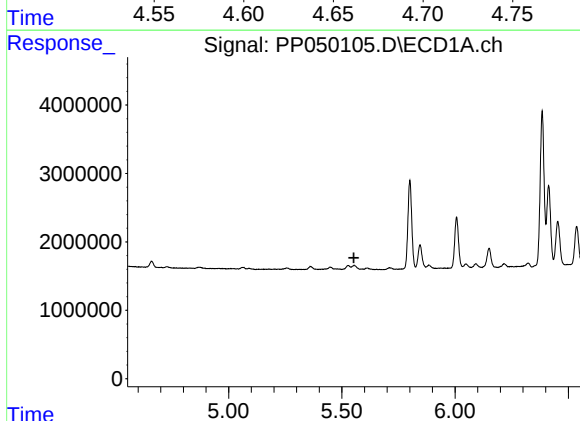
R.T.: 0.000 min
Exp R.T.: 5.531 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



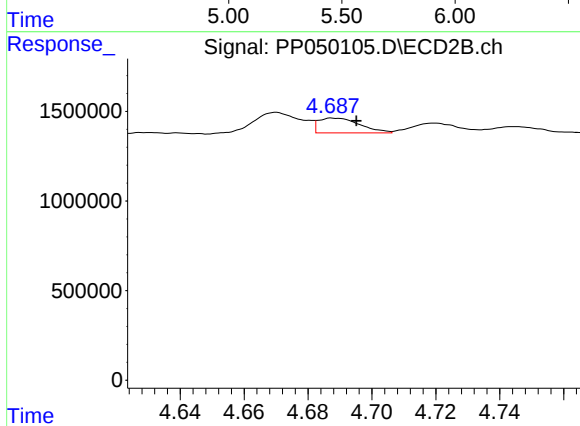
#3 AR-1016-1

R.T.: 4.670 min
Delta R.T.: -0.006 min
Response: 1160431
Conc: 13.02 ng/ml



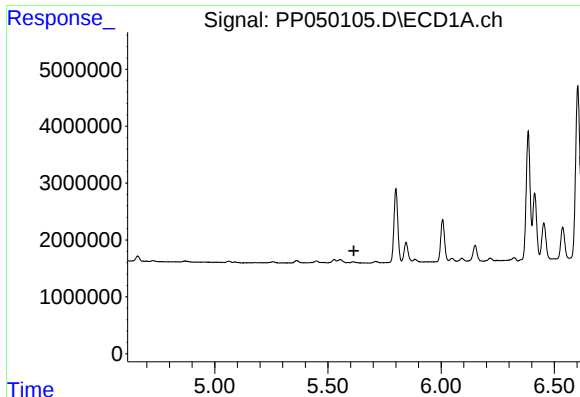
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.553 min
Response: 0
Conc: N.D.



#4 AR-1016-2

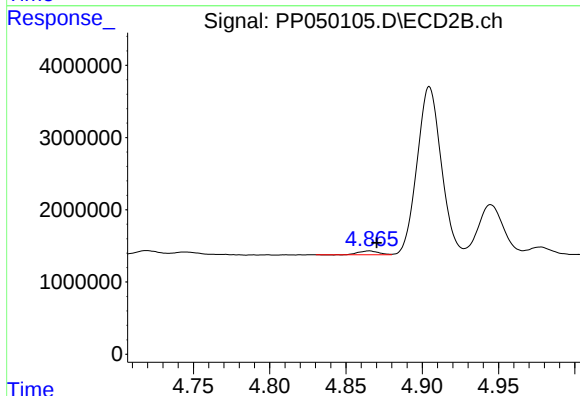
R.T.: 4.688 min
Delta R.T.: -0.008 min
Response: 747043
Conc: 5.94 ng/ml



#5 AR-1016-3

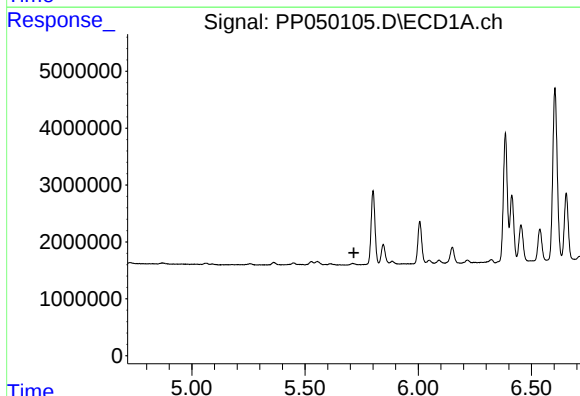
R.T.: 0.000 min
Exp R.T.: 5.615 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



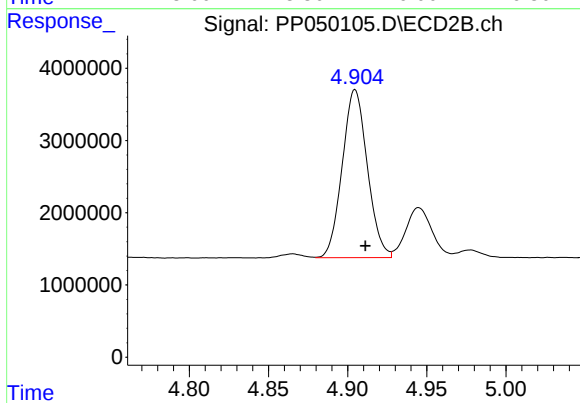
#5 AR-1016-3

R.T.: 4.865 min
Delta R.T.: -0.005 min
Response: 462221
Conc: 7.03 ng/ml



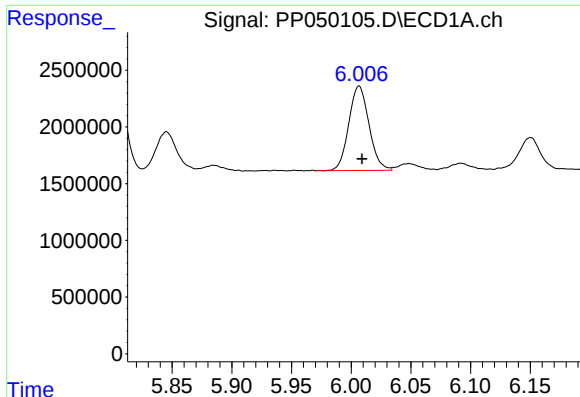
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.715 min
Response: 0
Conc: N.D.



#6 AR-1016-4

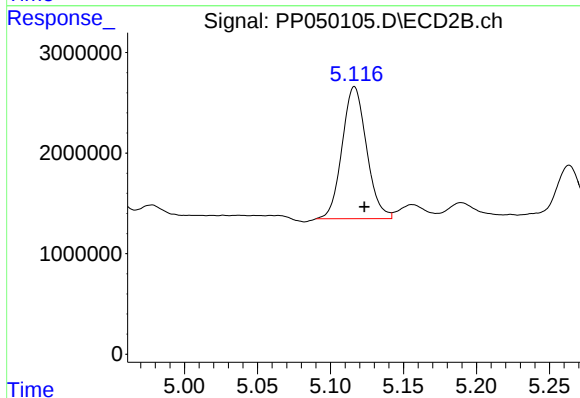
R.T.: 4.905 min
Delta R.T.: -0.006 min
Response: 25644180
Conc: 482.41 ng/ml



#7 AR-1016-5

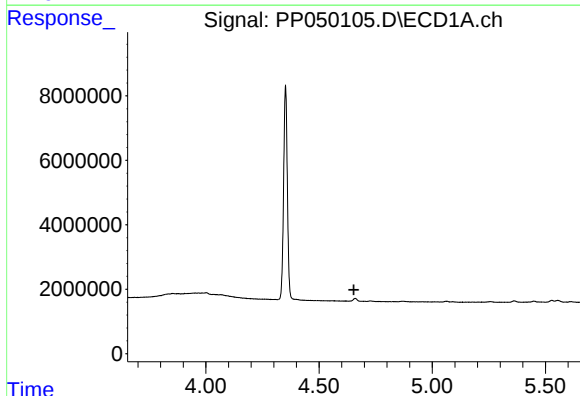
R.T.: 6.007 min
Delta R.T.: -0.003 min
Response: 8805179
Conc: 215.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



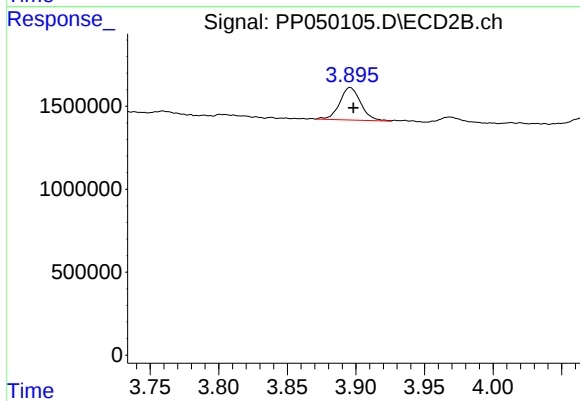
#7 AR-1016-5

R.T.: 5.116 min
Delta R.T.: -0.007 min
Response: 15304331
Conc: 222.59 ng/ml



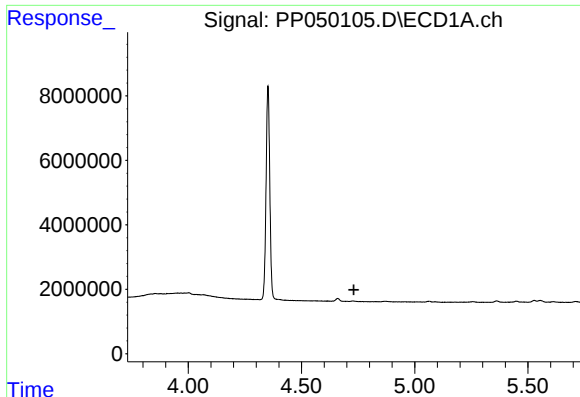
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.654 min
Response: 0
Conc: N.D.



#9 AR-1221-2

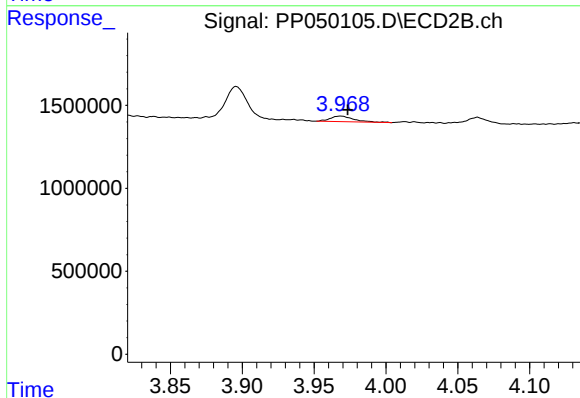
R.T.: 3.896 min
Delta R.T.: -0.002 min
Response: 2096658
Conc: 91.79 ng/ml



#10 AR-1221-3

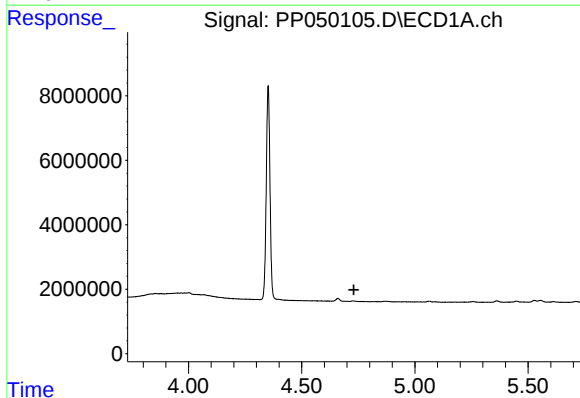
R.T.: 0.000 min
Exp R.T. : 4.731 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



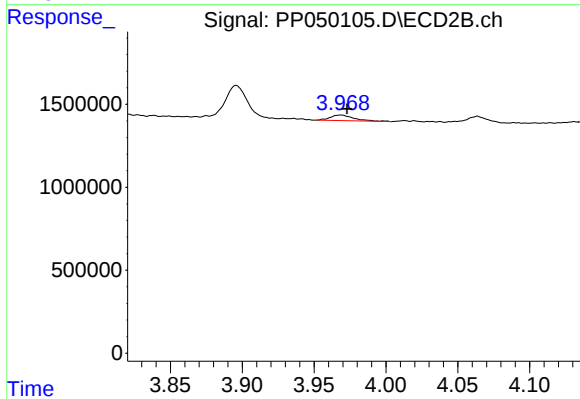
#10 AR-1221-3

R.T.: 3.969 min
Delta R.T.: -0.005 min
Response: 387708
Conc: 5.70 ng/ml



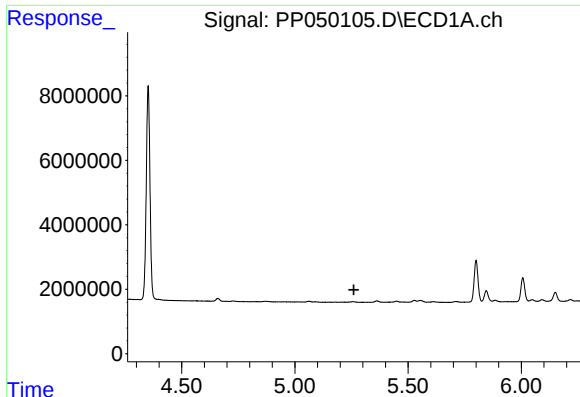
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.730 min
Response: 0
Conc: N.D.



#11 AR-1232-1

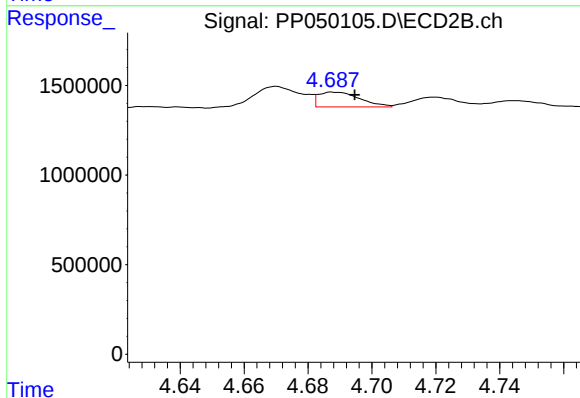
R.T.: 3.969 min
Delta R.T.: -0.004 min
Response: 387708
Conc: 7.56 ng/ml



#12 AR-1232-2

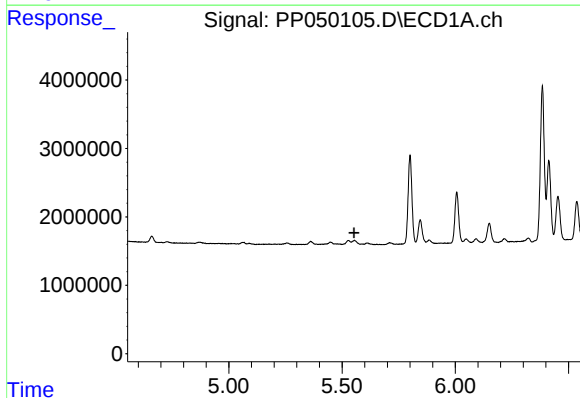
R.T.: 0.000 min
Exp R.T.: 5.260 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



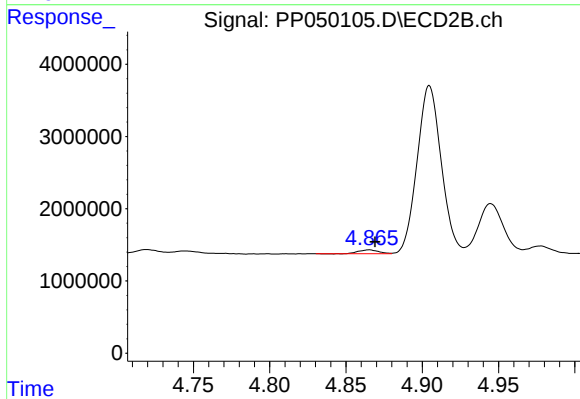
#12 AR-1232-2

R.T.: 4.688 min
Delta R.T.: -0.007 min
Response: 747043
Conc: 15.58 ng/ml



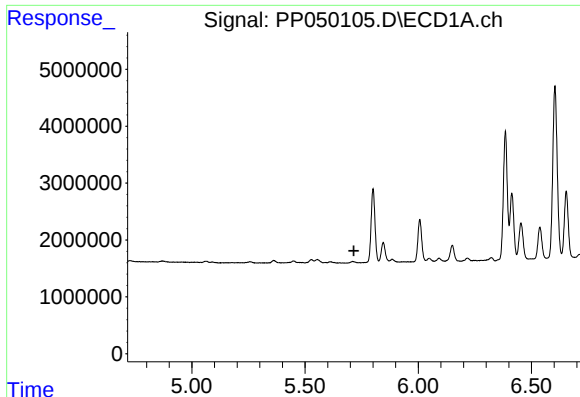
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 5.553 min
Response: 0
Conc: N.D.



#13 AR-1232-3

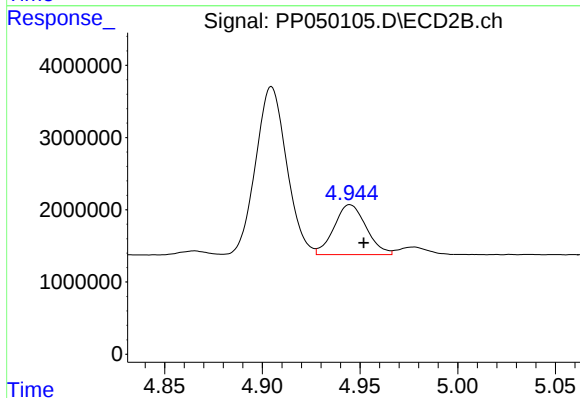
R.T.: 4.865 min
Delta R.T.: -0.004 min
Response: 462221
Conc: 18.52 ng/ml



#14 AR-1232-4

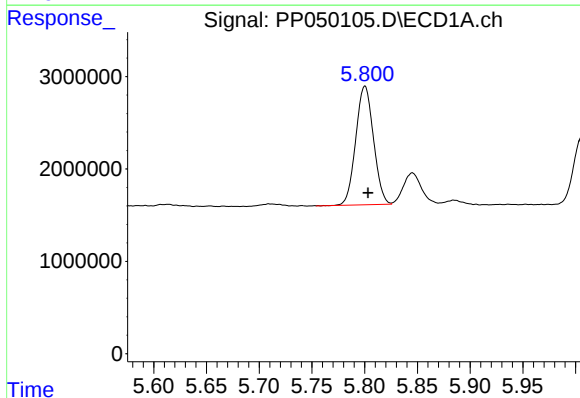
R.T.: 0.000 min
Exp R.T.: 5.716 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



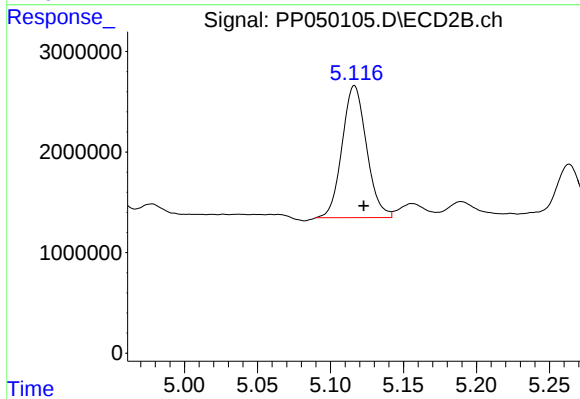
#14 AR-1232-4

R.T.: 4.945 min
Delta R.T.: -0.007 min
Response: 7913282
Conc: 345.96 ng/ml



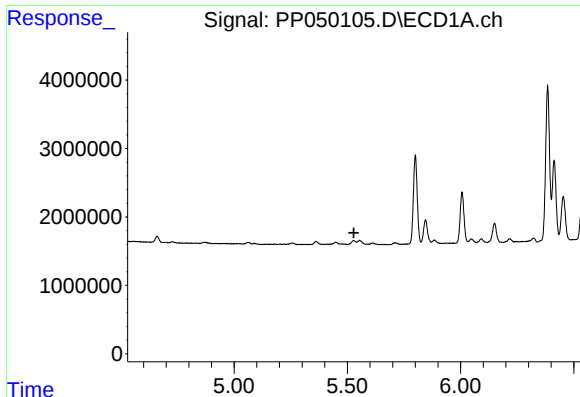
#15 AR-1232-5

R.T.: 5.800 min
Delta R.T.: -0.003 min
Response: 15058645
Conc: 1207.26 ng/ml



#15 AR-1232-5

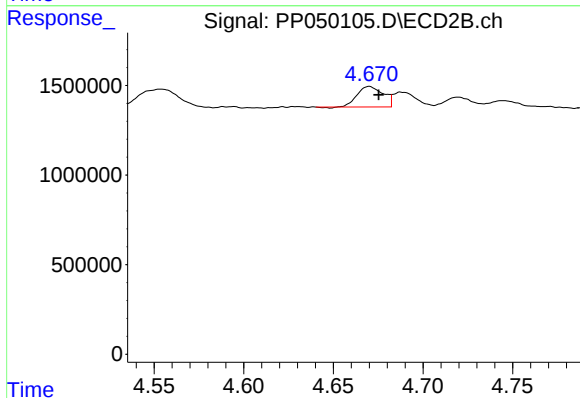
R.T.: 5.116 min
Delta R.T.: -0.006 min
Response: 15304331
Conc: 594.89 ng/ml



#16 AR-1242-1

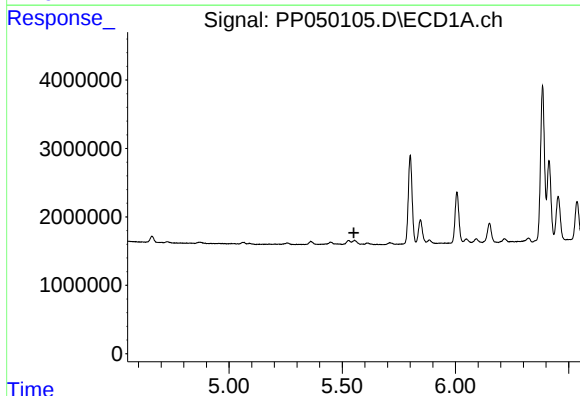
R.T.: 0.000 min
Exp R.T.: 5.529 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



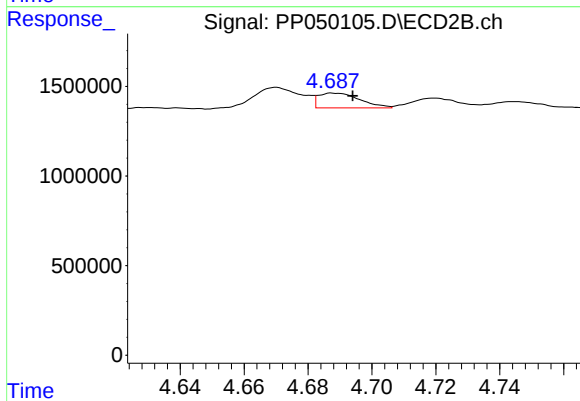
#16 AR-1242-1

R.T.: 4.670 min
Delta R.T.: -0.005 min
Response: 1160431
Conc: 16.54 ng/ml



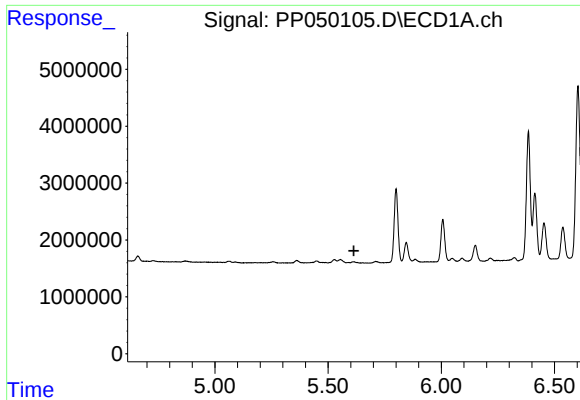
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 5.552 min
Response: 0
Conc: N.D.



#17 AR-1242-2

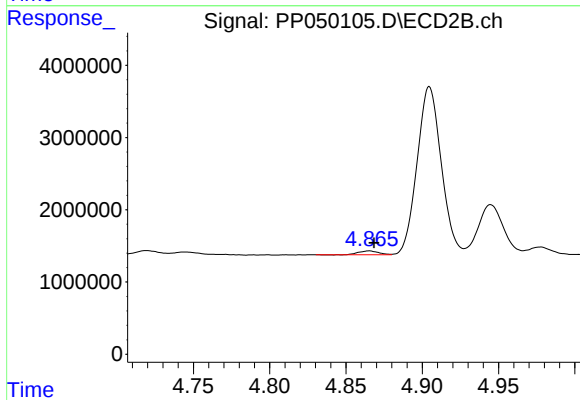
R.T.: 4.688 min
Delta R.T.: -0.006 min
Response: 747043
Conc: 7.57 ng/ml



#18 AR-1242-3

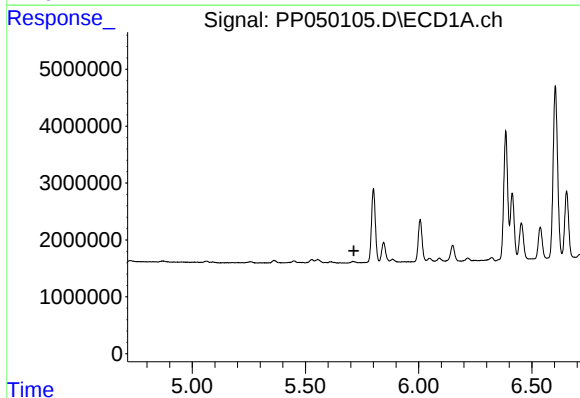
R.T.: 0.000 min
Exp R.T.: 5.614 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



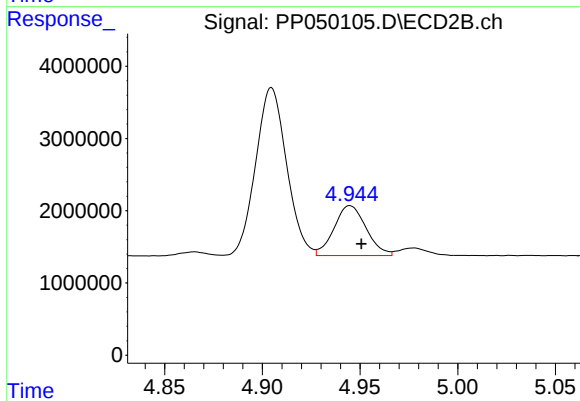
#18 AR-1242-3

R.T.: 4.865 min
Delta R.T.: -0.003 min
Response: 462221
Conc: 8.86 ng/ml



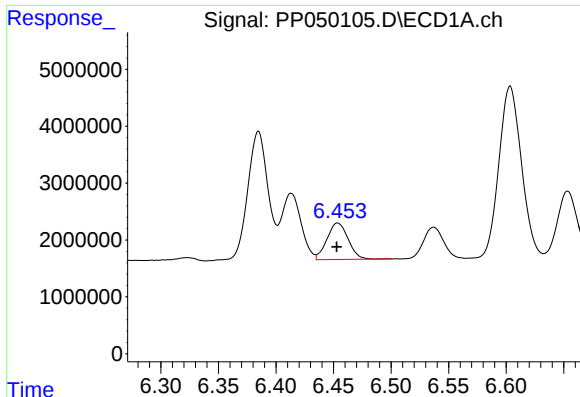
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.714 min
Response: 0
Conc: N.D.



#19 AR-1242-4

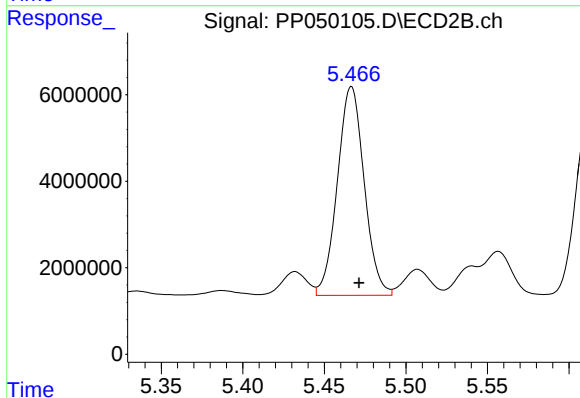
R.T.: 4.945 min
Delta R.T.: -0.006 min
Response: 7913282
Conc: 150.98 ng/ml



#20 AR-1242-5

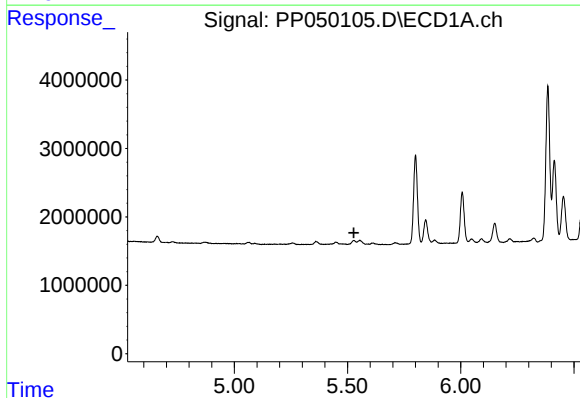
R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 8224859
Conc: 239.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



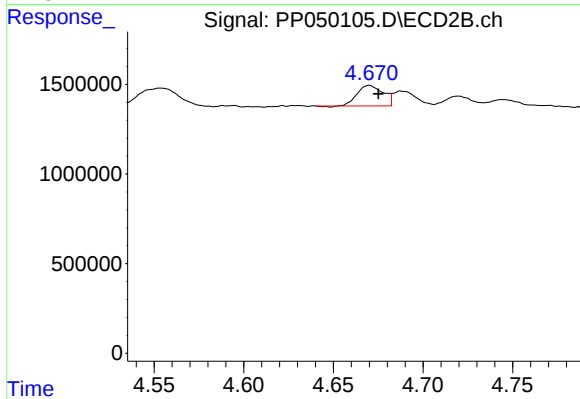
#20 AR-1242-5

R.T.: 5.467 min
Delta R.T.: -0.005 min
Response: 55212987
Conc: 868.61 ng/ml



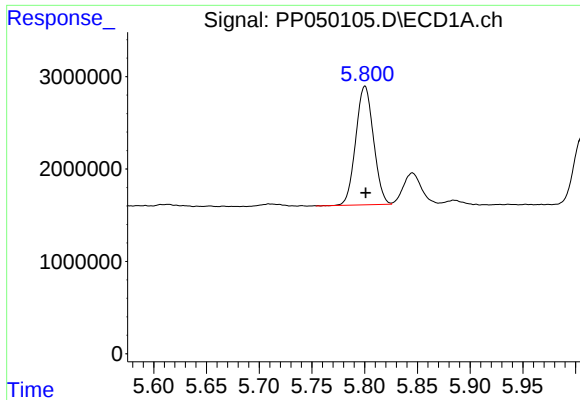
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.528 min
Response: 0
Conc: N.D.



#21 AR-1248-1

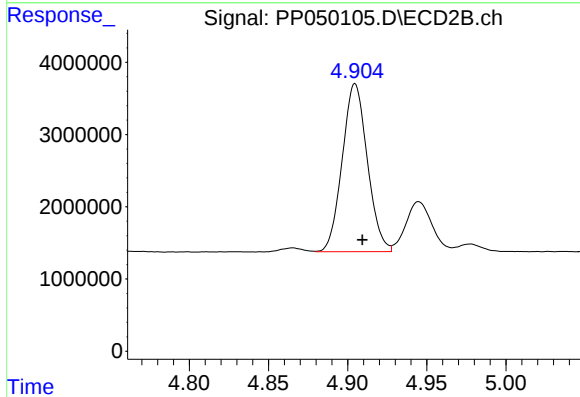
R.T.: 4.670 min
Delta R.T.: -0.005 min
Response: 1160431
Conc: 20.64 ng/ml



#22 AR-1248-2

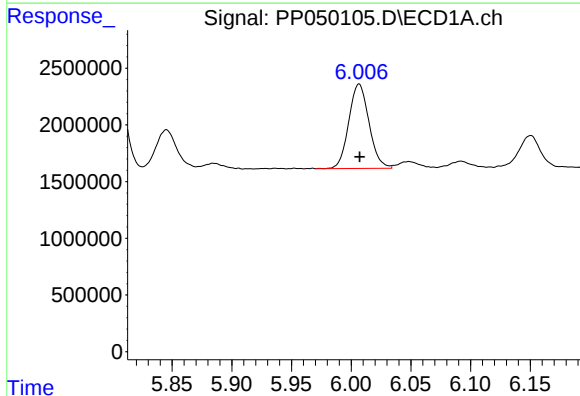
R.T.: 5.800 min
Delta R.T.: 0.000 min
Response: 15058645
Conc: 303.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



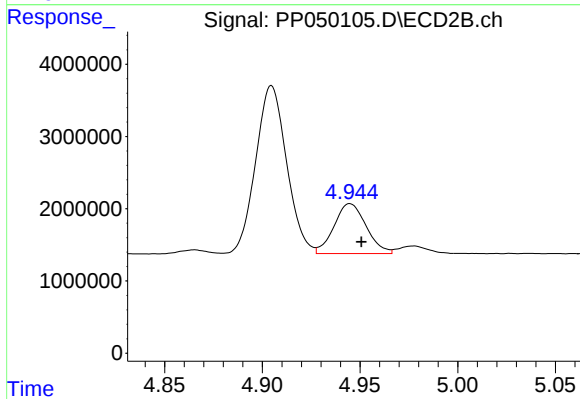
#22 AR-1248-2

R.T.: 4.905 min
Delta R.T.: -0.005 min
Response: 25644180
Conc: 344.55 ng/ml



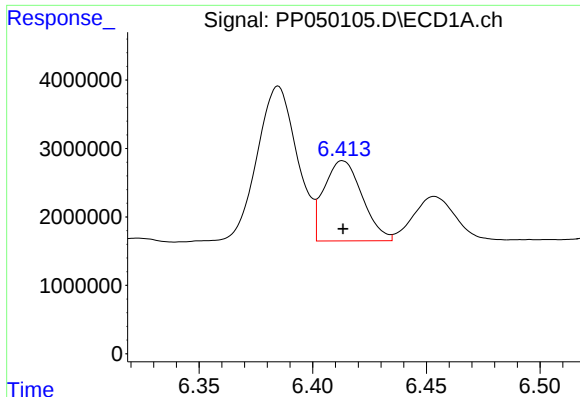
#23 AR-1248-3

R.T.: 6.007 min
Delta R.T.: 0.000 min
Response: 8805179
Conc: 158.99 ng/ml



#23 AR-1248-3

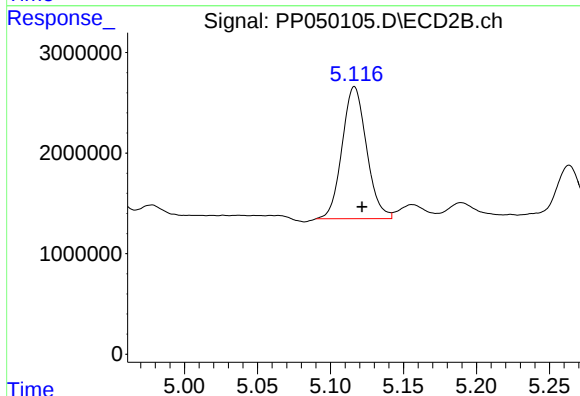
R.T.: 4.945 min
Delta R.T.: -0.006 min
Response: 7913282
Conc: 103.63 ng/ml



#24 AR-1248-4

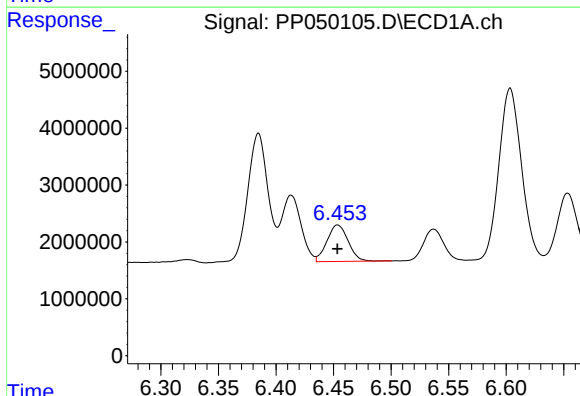
R.T.: 6.413 min
Delta R.T.: 0.000 min
Response: 13708793
Conc: 221.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



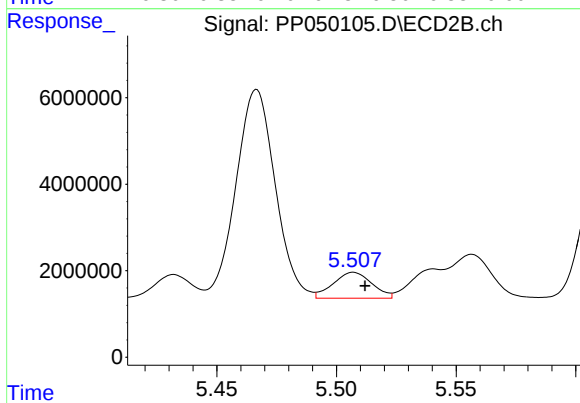
#24 AR-1248-4

R.T.: 5.116 min
Delta R.T.: -0.005 min
Response: 15304331
Conc: 168.55 ng/ml



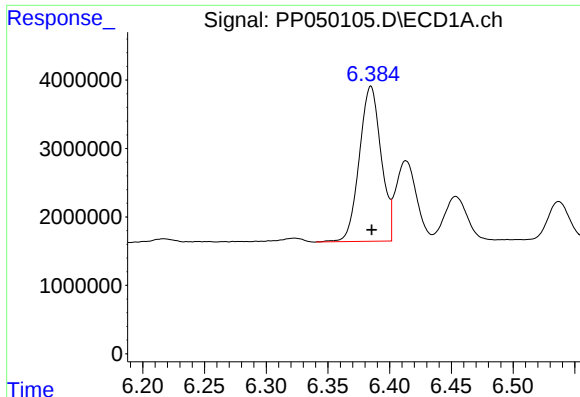
#25 AR-1248-5

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 8224859
Conc: 139.71 ng/ml



#25 AR-1248-5

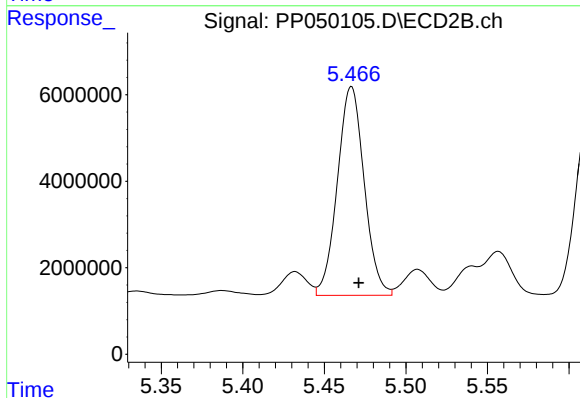
R.T.: 5.507 min
Delta R.T.: -0.005 min
Response: 6760252
Conc: 81.11 ng/ml



#26 AR-1254-1

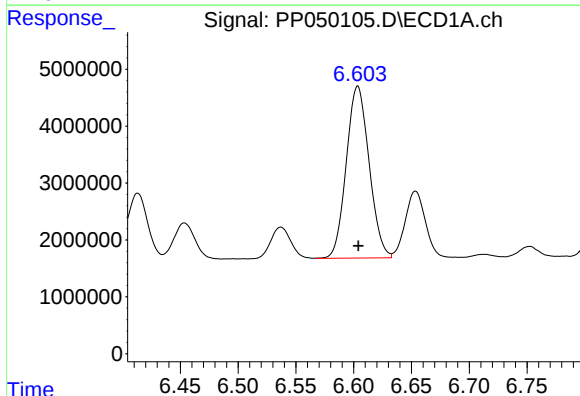
R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 27820629
Conc: 441.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



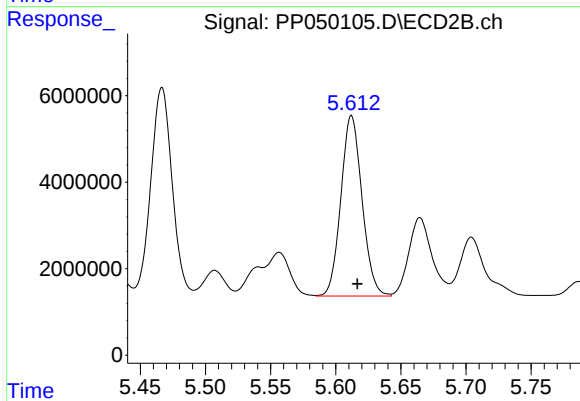
#26 AR-1254-1

R.T.: 5.467 min
Delta R.T.: -0.005 min
Response: 55212987
Conc: 435.33 ng/ml



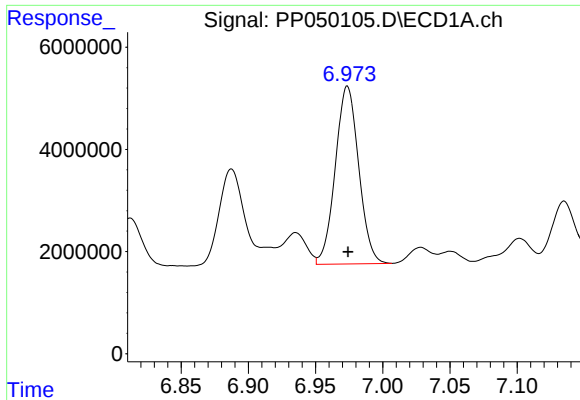
#27 AR-1254-2

R.T.: 6.604 min
Delta R.T.: 0.000 min
Response: 41465237
Conc: 425.62 ng/ml



#27 AR-1254-2

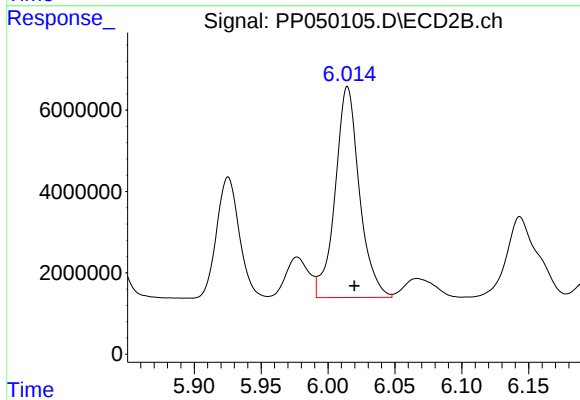
R.T.: 5.612 min
Delta R.T.: -0.005 min
Response: 47216342
Conc: 427.18 ng/ml



#28 AR-1254-3

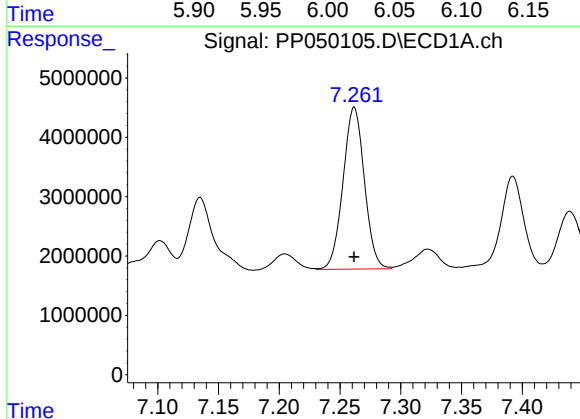
R.T.: 6.974 min
Delta R.T.: 0.000 min
Response: 42011735
Conc: 406.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



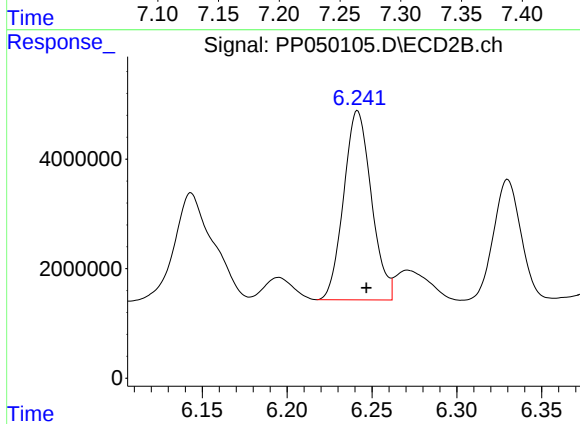
#28 AR-1254-3

R.T.: 6.015 min
Delta R.T.: -0.005 min
Response: 65475533
Conc: 402.25 ng/ml



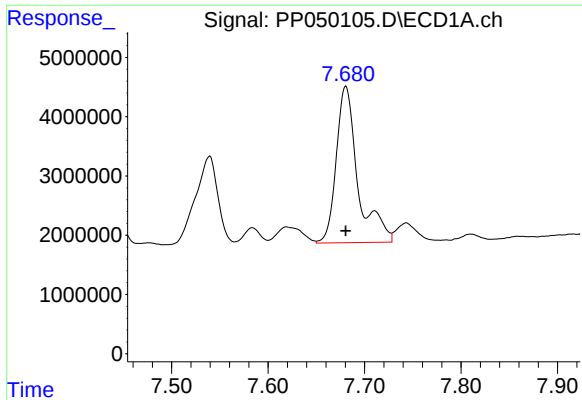
#29 AR-1254-4

R.T.: 7.262 min
Delta R.T.: 0.000 min
Response: 33311132
Conc: 416.11 ng/ml



#29 AR-1254-4

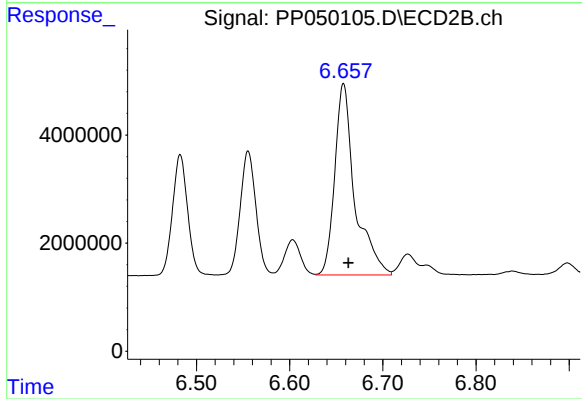
R.T.: 6.242 min
Delta R.T.: -0.005 min
Response: 39293661
Conc: 406.11 ng/ml



#30 AR-1254-5

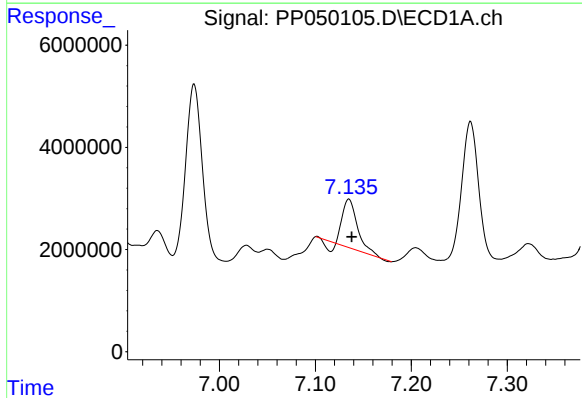
R.T.: 7.681 min
Delta R.T.: 0.000 min
Response: 41115200
Conc: 462.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



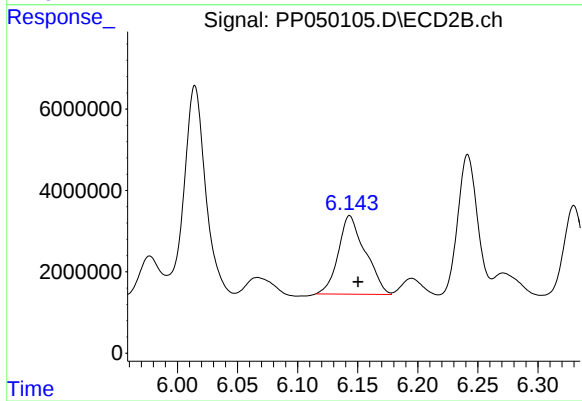
#30 AR-1254-5

R.T.: 6.658 min
Delta R.T.: -0.005 min
Response: 53100880
Conc: 400.71 ng/ml



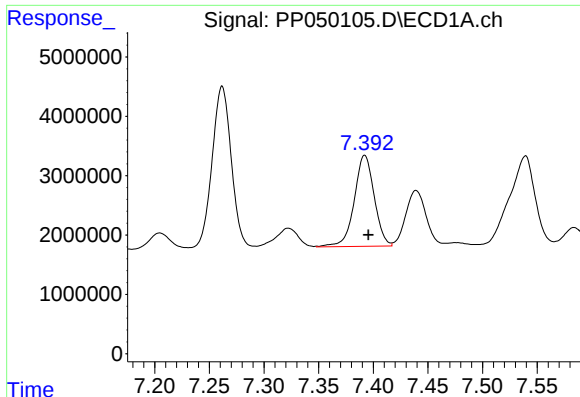
#31 AR-1260-1

R.T.: 7.135 min
Delta R.T.: -0.003 min
Response: 9438529
Conc: 124.83 ng/ml



#31 AR-1260-1

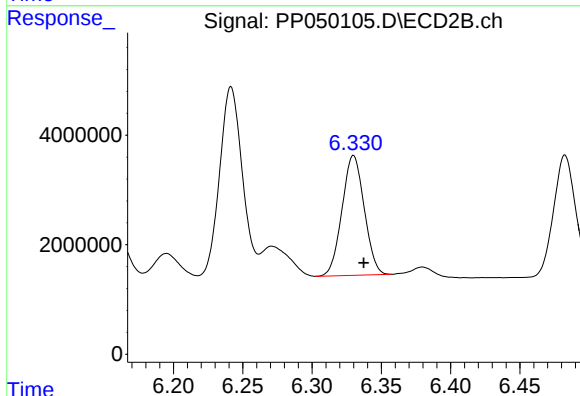
R.T.: 6.143 min
Delta R.T.: -0.007 min
Response: 30128042
Conc: 287.48 ng/ml



#32 AR-1260-2

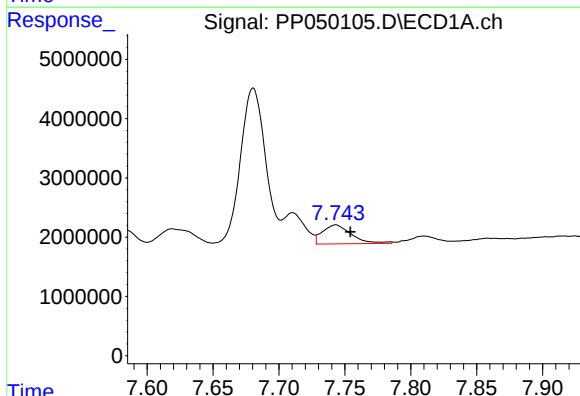
R.T.: 7.392 min
Delta R.T.: -0.003 min
Response: 19545450
Conc: 206.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



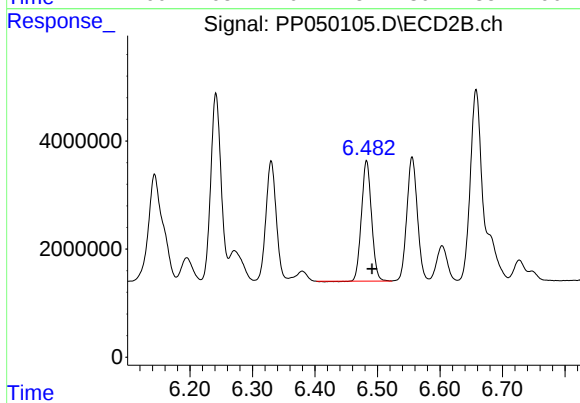
#32 AR-1260-2

R.T.: 6.330 min
Delta R.T.: -0.007 min
Response: 24409205
Conc: 202.86 ng/ml



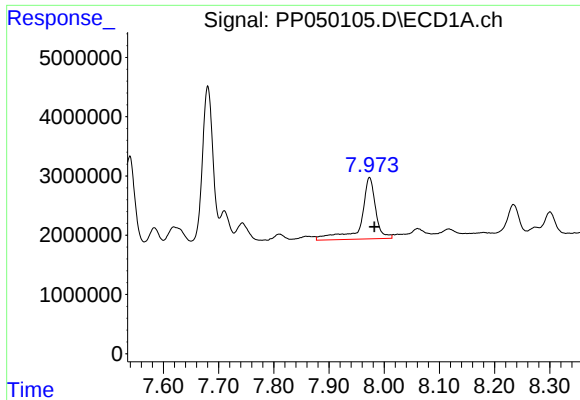
#33 AR-1260-3

R.T.: 7.743 min
Delta R.T.: -0.011 min
Response: 4867630
Conc: 77.73 ng/ml



#33 AR-1260-3

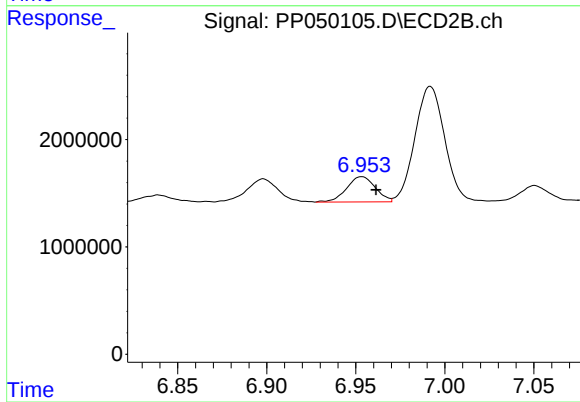
R.T.: 6.483 min
Delta R.T.: -0.008 min
Response: 24830572
Conc: 219.44 ng/ml



#34 AR-1260-4

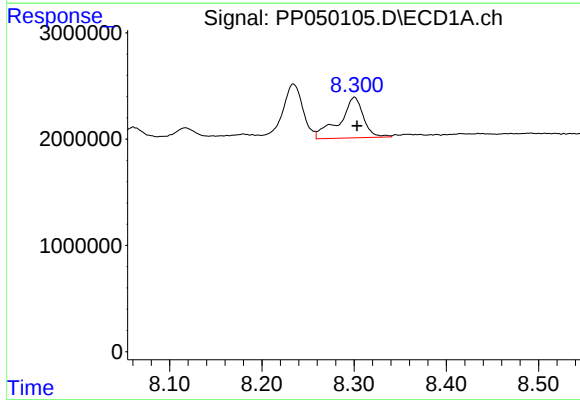
R.T.: 7.974 min
Delta R.T.: -0.009 min
Response: 18903908
Conc: 244.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



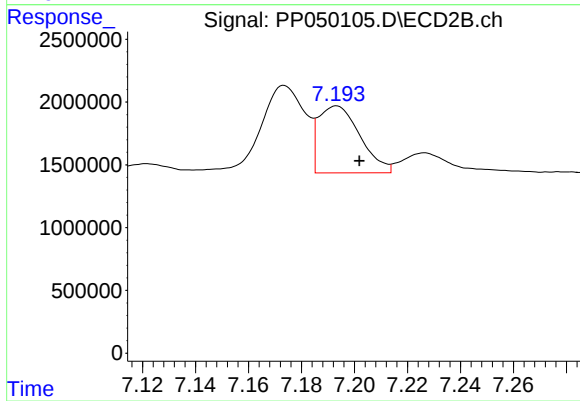
#34 AR-1260-4

R.T.: 6.953 min
Delta R.T.: -0.008 min
Response: 2631435
Conc: 34.40 ng/ml



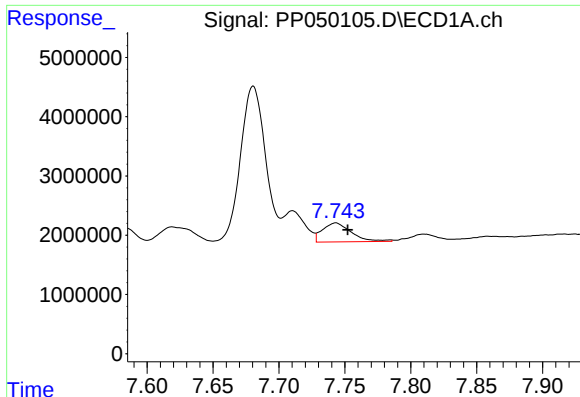
#35 AR-1260-5

R.T.: 8.300 min
Delta R.T.: -0.003 min
Response: 6915945
Conc: 44.98 ng/ml



#35 AR-1260-5

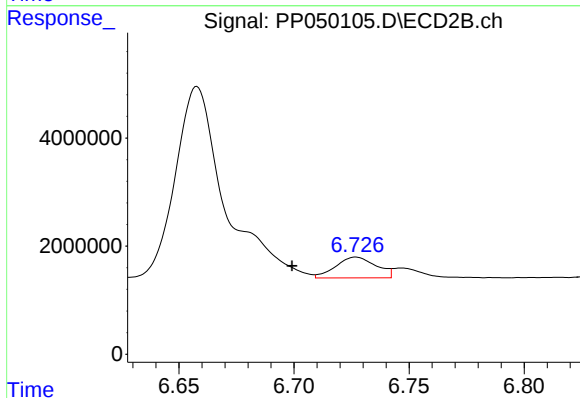
R.T.: 7.193 min
Delta R.T.: -0.009 min
Response: 5798499
Conc: 33.91 ng/ml



#36 AR-1262-1

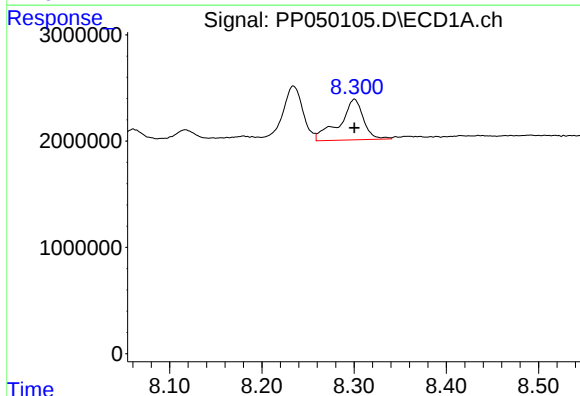
R.T.: 7.743 min
Delta R.T.: -0.009 min
Response: 4867630
Conc: 50.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



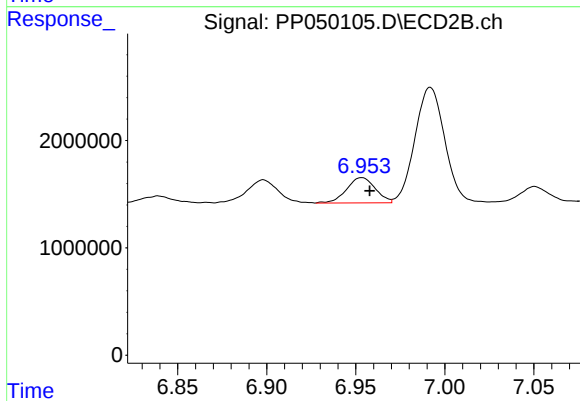
#36 AR-1262-1

R.T.: 6.727 min
Delta R.T.: 0.028 min
Response: 4696214
Conc: 39.62 ng/ml



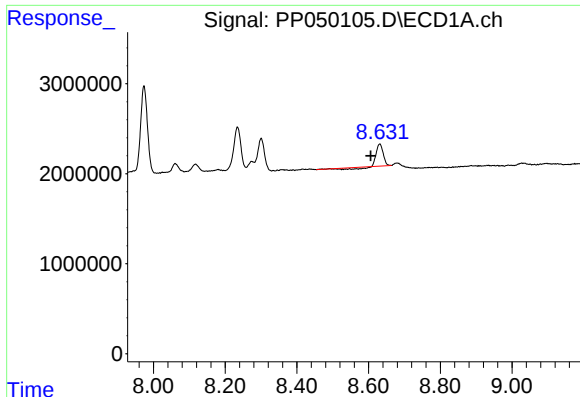
#37 AR-1262-2

R.T.: 8.300 min
Delta R.T.: 0.000 min
Response: 6915945
Conc: 38.84 ng/ml



#37 AR-1262-2

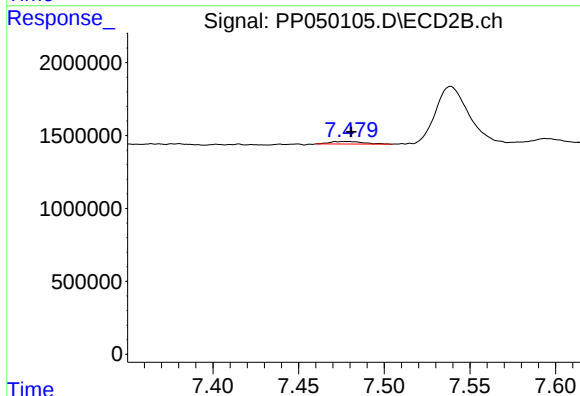
R.T.: 6.953 min
Delta R.T.: -0.004 min
Response: 2631435
Conc: 26.04 ng/ml



#38 AR-1262-3

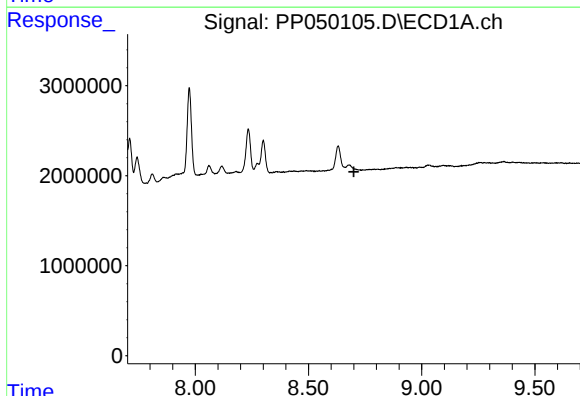
R.T.: 8.631 min
Delta R.T.: 0.024 min
Response: 2573799
Conc: 32.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



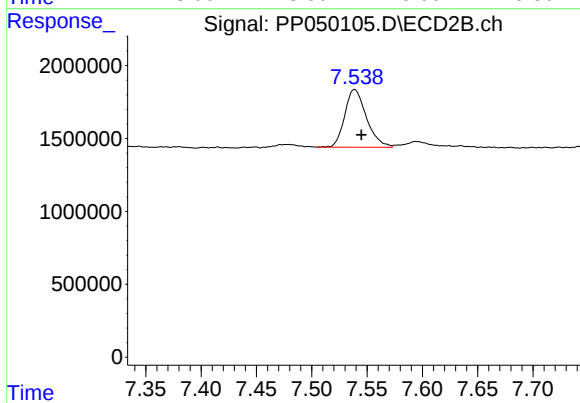
#38 AR-1262-3

R.T.: 7.478 min
Delta R.T.: -0.003 min
Response: 229728
Conc: 3.55 ng/ml



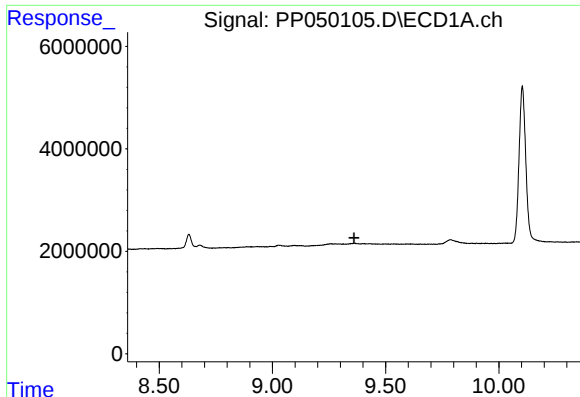
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.700 min
Response: 0
Conc: N.D.



#39 AR-1262-4

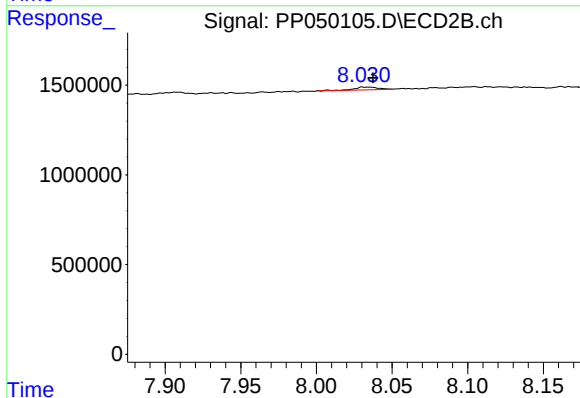
R.T.: 7.539 min
Delta R.T.: -0.006 min
Response: 5411828
Conc: 42.30 ng/ml



#40 AR-1262-5

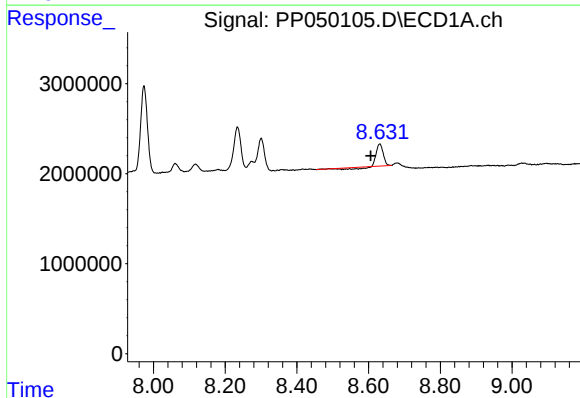
R.T.: 0.000 min
Exp R.T.: 9.360 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



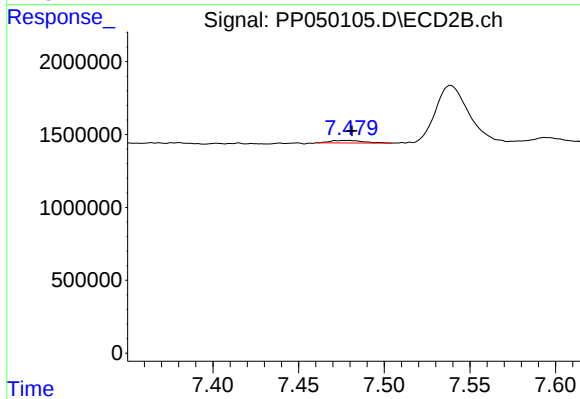
#40 AR-1262-5

R.T.: 8.035 min
Delta R.T.: -0.003 min
Response: 175157
Conc: 3.19 ng/ml



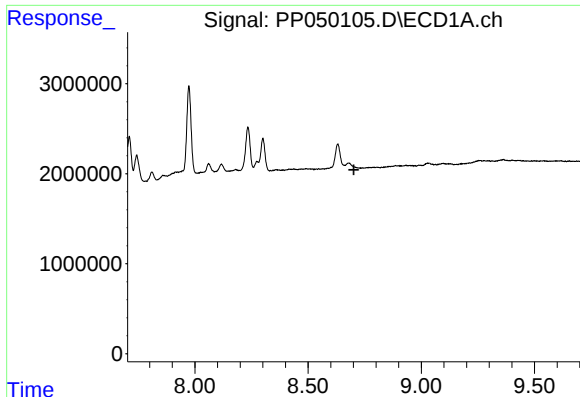
#41 AR-1268-1

R.T.: 8.631 min
Delta R.T.: 0.025 min
Response: 2573799
Conc: 12.61 ng/ml



#41 AR-1268-1

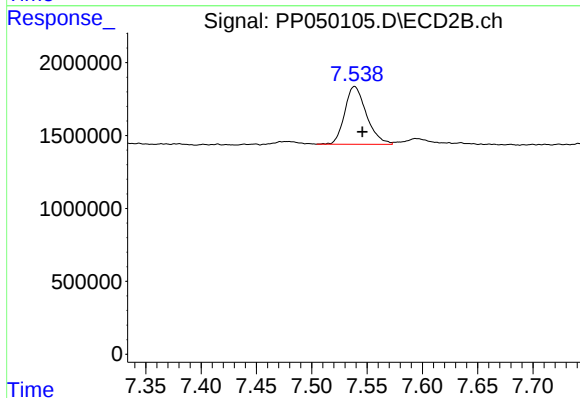
R.T.: 7.478 min
Delta R.T.: -0.003 min
Response: 229728
Conc: 1.25 ng/ml



#42 AR-1268-2

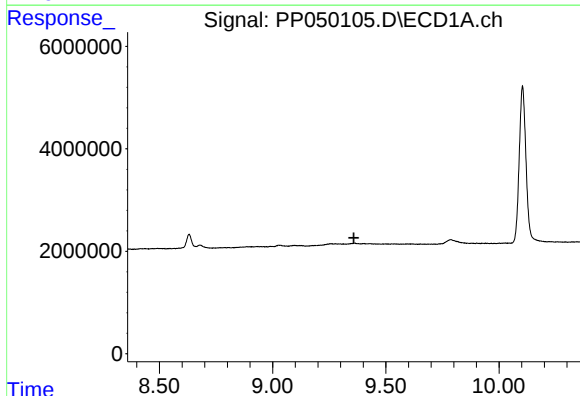
R.T.: 0.000 min
Exp R.T.: 8.702 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



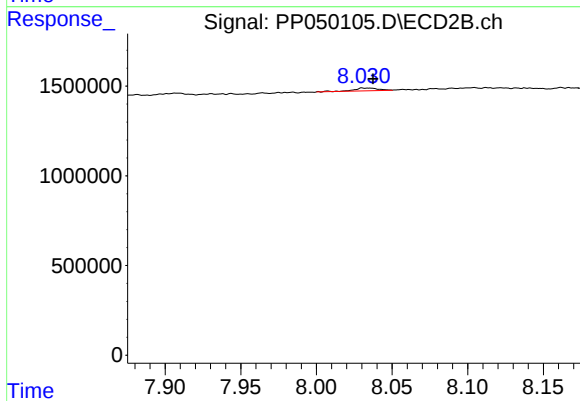
#42 AR-1268-2

R.T.: 7.539 min
Delta R.T.: -0.007 min
Response: 5411828
Conc: 31.28 ng/ml



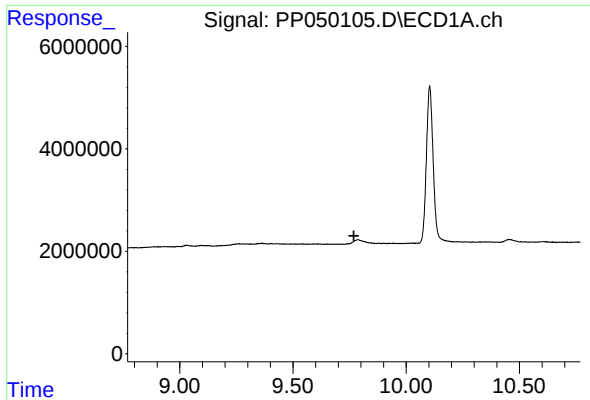
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.359 min
Response: 0
Conc: N.D.



#44 AR-1268-4

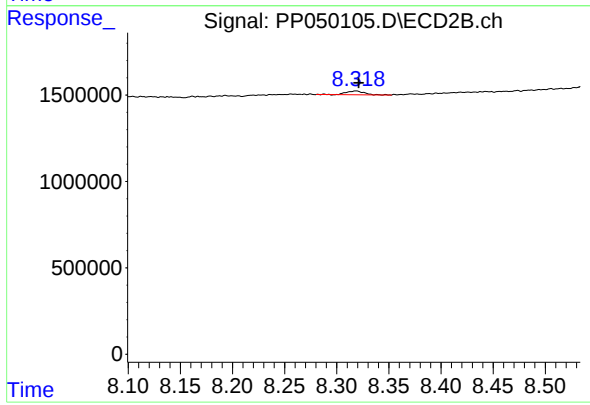
R.T.: 8.035 min
Delta R.T.: -0.003 min
Response: 175157
Conc: 2.90 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.769 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.319 min
Delta R.T.: -0.003 min
Response: 264317
Conc: 0.65 ng/ml