

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122619\
 Data File : PR044182.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Dec 2019 13:18
 Operator : SM\AJ
 Sample : K6398-06DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 27 03:49:54 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121519CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Dec 16 06:15:17 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	4.719	3.972	13937456	37580053	3.487	3.405
2)	SA Decachlor...	10.627	9.059	33145705	62711025	6.947	6.216
Target Compounds							
3)	L1 AR-1016-1	0.000	5.084	0	3429182	N.D.	9.937 #
4)	L1 AR-1016-2	0.000	5.084	0	3429182	N.D.	7.129 #
5)	L1 AR-1016-3	0.000	5.260	0	991114	N.D.	4.548 #
6)	L1 AR-1016-4	0.000	5.301	0	3340416	N.D.	18.503 #
7)	L1 AR-1016-5	0.000	5.517	0	2059534	N.D.	8.717 #
10)	L2 AR-1221-3	0.000	4.416f	0	11545956	N.D.	41.382 #
11)	L3 AR-1232-1	0.000	4.416f	0	11545956	N.D.	50.036 #
12)	L3 AR-1232-2	0.000	5.084	0	3429182	N.D.	15.750 #
13)	L3 AR-1232-3	0.000	5.260	0	991114	N.D.	10.454 #
14)	L3 AR-1232-4	0.000	5.346	0	1183685	N.D.	13.670 #
15)	L3 AR-1232-5	0.000	5.517	0	2059534	N.D.	20.945 #
16)	L4 AR-1242-1	0.000	5.084	0	3429182	N.D.	11.919 #
17)	L4 AR-1242-2	0.000	5.084	0	3429182	N.D.	8.672 #
18)	L4 AR-1242-3	0.000	5.260	0	991114	N.D.	5.215 #
19)	L4 AR-1242-4	0.000	5.346	0	1183685	N.D.	6.474 #
20)	L4 AR-1242-5	6.751f	5.870	28241140	59437331	257.064	200.370
21)	L5 AR-1248-1	0.000	5.084	0	3429182	N.D.	14.904 #
22)	L5 AR-1248-2	0.000	5.301	0	3340416	N.D.	12.766 #
23)	L5 AR-1248-3	0.000	5.346	0	1183685	N.D.	4.471 #
24)	L5 AR-1248-4	6.751	5.517	28241140	2059534	145.440	6.189 #
25)	L5 AR-1248-5	6.751f	5.870	28241140	59437331	154.005	145.398
26)	L6 AR-1254-1	6.751	5.870	28241140	59437331	147.776	98.711 #
27)	L6 AR-1254-2	6.966	6.016	38912523	84485328	127.637	155.686
28)	L6 AR-1254-3	7.337	6.436	18663530	205.9E6	54.121	215.984 #
29)	L6 AR-1254-4	7.622	6.650	11897460	12312389	45.414	18.563 #
30)	L6 AR-1254-5	8.041	7.067	197.4E6	430.3E6	696.559	494.452 #
31)	L7 AR-1260-1	7.498	6.552	135.2E6	304.6E6	584.890	557.357
32)	L7 AR-1260-2	7.754	6.738	176.9E6	474.8E6	620.124	591.598
33)	L7 AR-1260-3	8.114	6.894	134.9E6	365.6E6	600.838	547.451
34)	L7 AR-1260-4	8.354	7.366	152.2E6	334.2E6	587.730	595.292
35)	L7 AR-1260-5	8.691	7.606	325.1E6	942.8E6	581.997	560.071
36)	L8 AR-1262-1	8.175	7.067	69591731	430.3E6	483.817	869.799 #
37)	L8 AR-1262-2	8.691	7.606	325.1E6	942.8E6	457.904	433.591
38)	L8 AR-1262-3	9.043	7.890	197.4E6	201.7E6	428.444	233.505 #
39)	L8 AR-1262-4	9.100	7.955	113.1E6	551.0E6	331.702	387.516
40)	L8 AR-1262-5	9.822	8.470	77283398	183.0E6	321.909	286.289
41)	L9 AR-1268-1	9.043	7.890	197.4E6	201.7E6	245.085	82.485 #
42)	L9 AR-1268-2	9.100	7.955	113.1E6	551.0E6	153.509	263.433 #
43)	L9 AR-1268-3	9.364	8.166	5756339	6962246	9.354	3.866 #

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 ECD_R
 ClientSampleId :

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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	9.822	8.470	77283398	183.0E6	292.127	259.732
45) L9	AR-1268-5	10.265	8.784	16523747	34798733	8.011	7.130

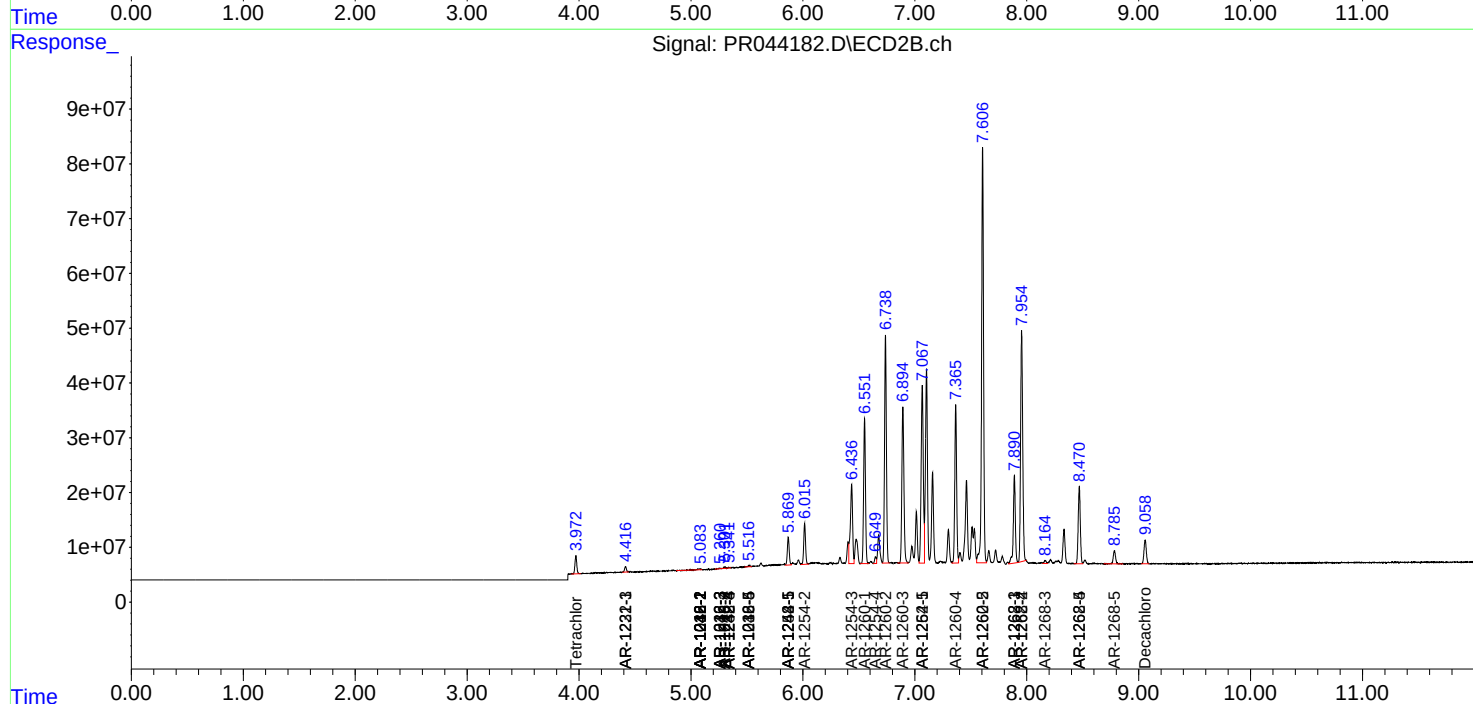
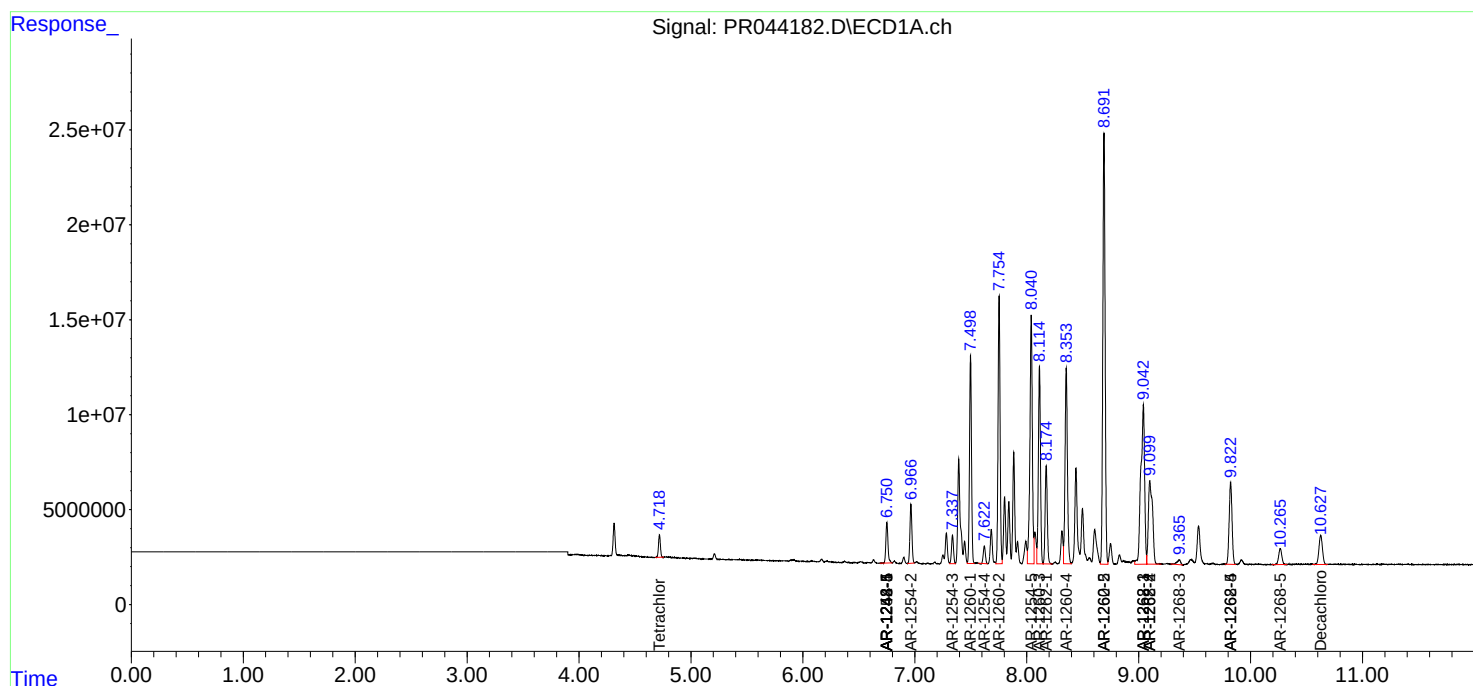
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

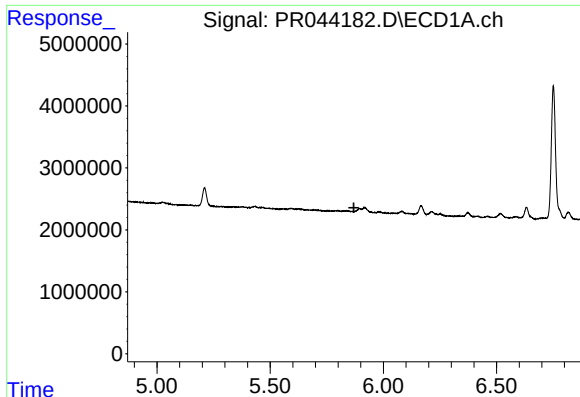
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Data File : PR044182.D
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Operator : SM\AJ
Sample : K6398-06DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampled :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 27 03:49:54 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121519CLP.M
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QLast Update : Mon Dec 16 06:15:17 2019
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

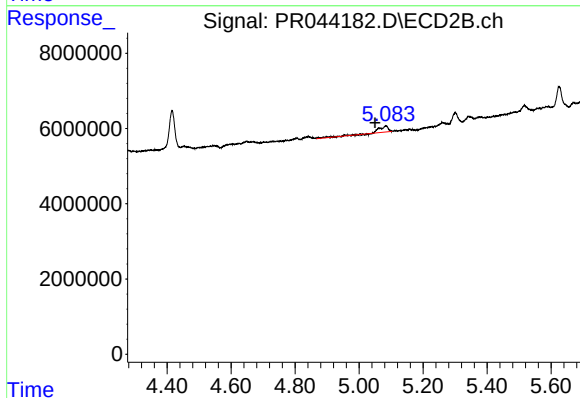




#3 AR-1016-1

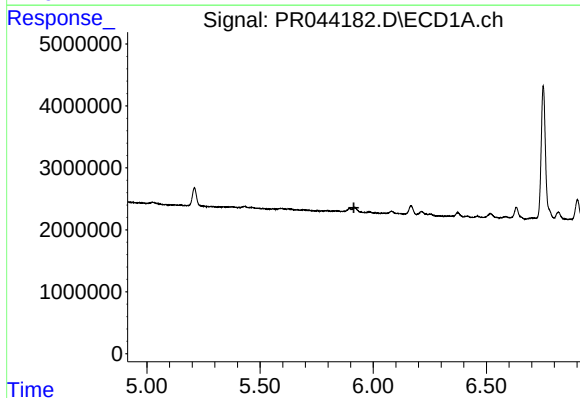
R.T.: 0.000 min
Exp R.T.: 5.870 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



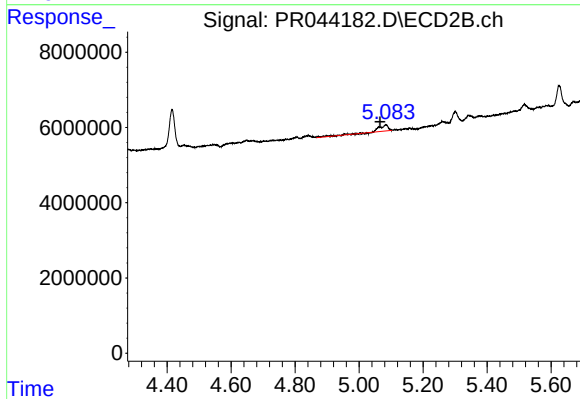
#3 AR-1016-1

R.T.: 5.084 min
Delta R.T.: 0.034 min
Response: 3429182
Conc: 9.94 ng/ml



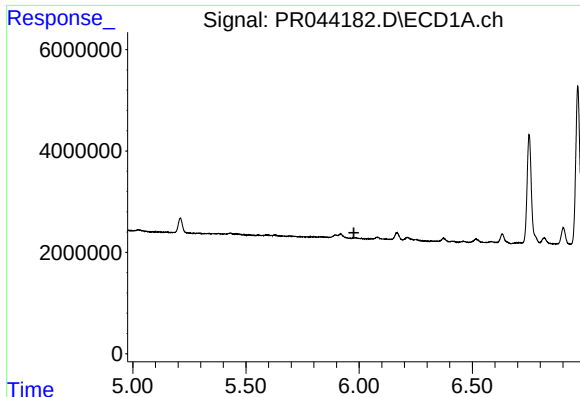
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.915 min
Response: 0
Conc: N.D.



#4 AR-1016-2

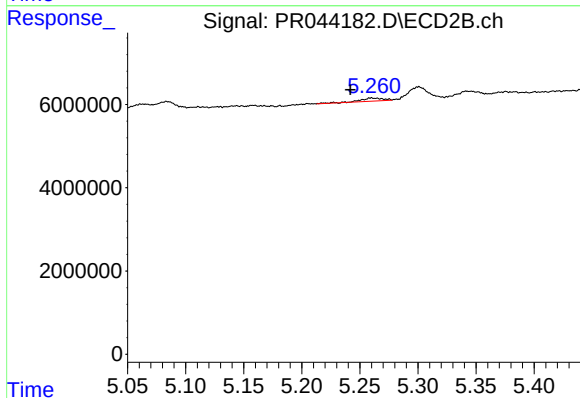
R.T.: 5.084 min
Delta R.T.: 0.019 min
Response: 3429182
Conc: 7.13 ng/ml



#5 AR-1016-3

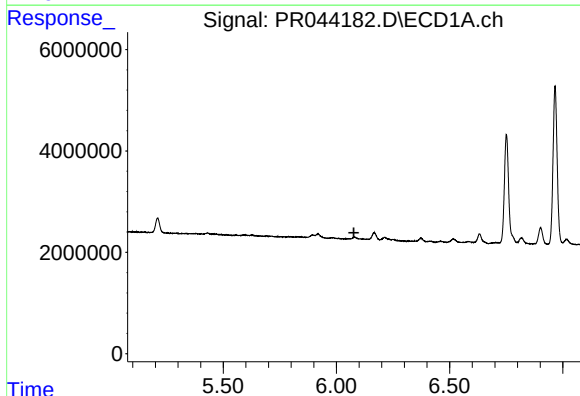
R.T.: 0.000 min
Exp R.T.: 5.977 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



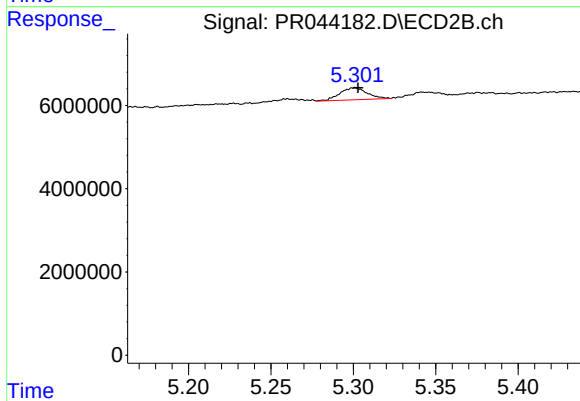
#5 AR-1016-3

R.T.: 5.260 min
Delta R.T.: 0.018 min
Response: 991114
Conc: 4.55 ng/ml



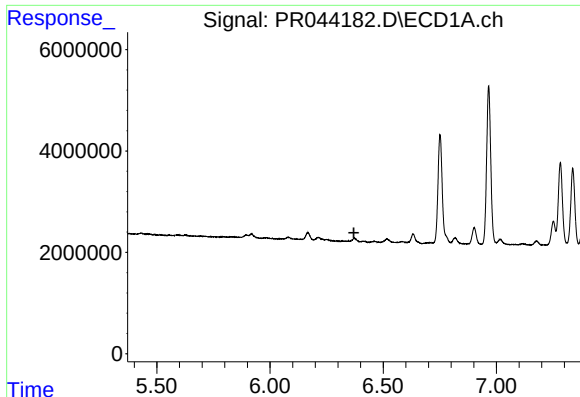
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.077 min
Response: 0
Conc: N.D.



#6 AR-1016-4

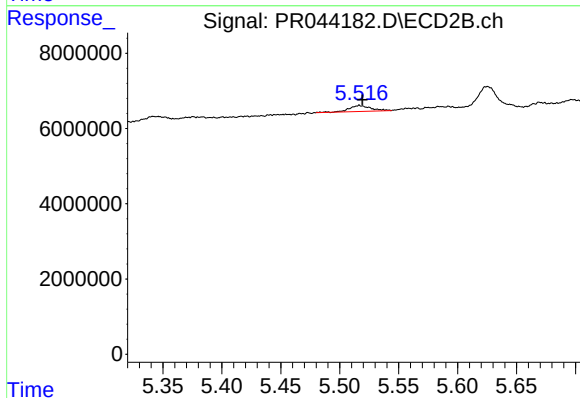
R.T.: 5.301 min
Delta R.T.: -0.002 min
Response: 3340416
Conc: 18.50 ng/ml



#7 AR-1016-5

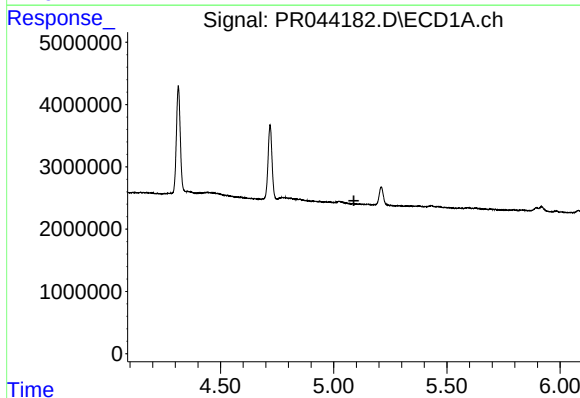
R.T.: 0.000 min
Exp R.T.: 6.371 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



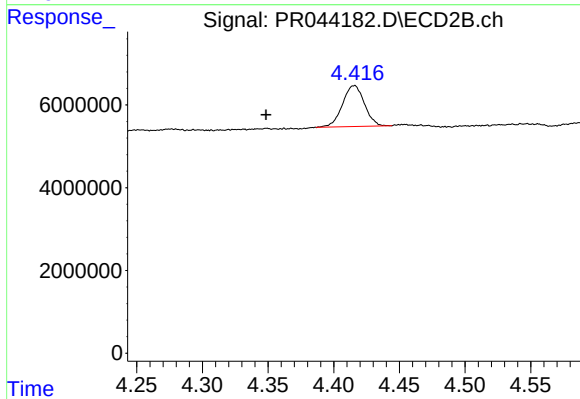
#7 AR-1016-5

R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 2059534
Conc: 8.72 ng/ml



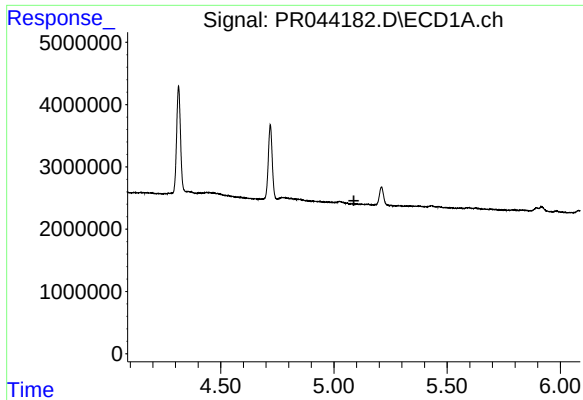
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 5.089 min
Response: 0
Conc: N.D.



#10 AR-1221-3

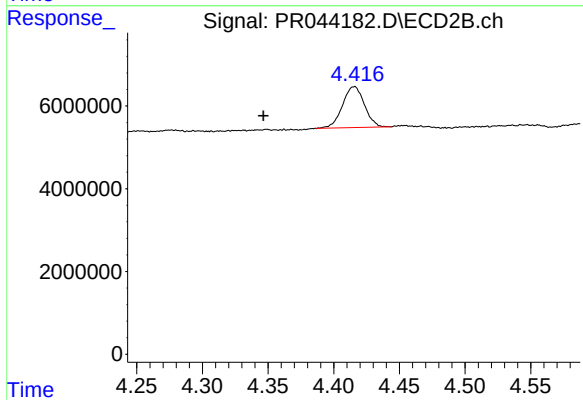
R.T.: 4.416 min
Delta R.T.: 0.067 min
Response: 11545956
Conc: 41.38 ng/ml



#11 AR-1232-1

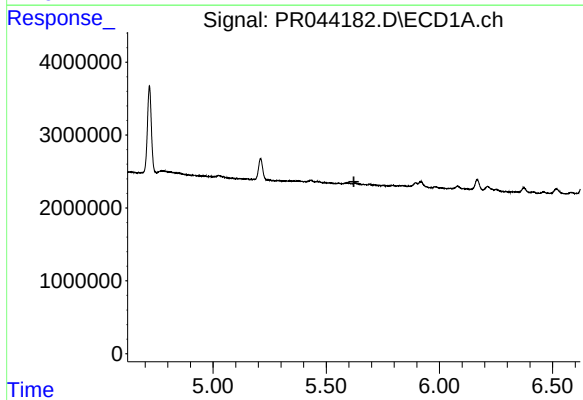
R.T.: 0.000 min
Exp R.T.: 5.088 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



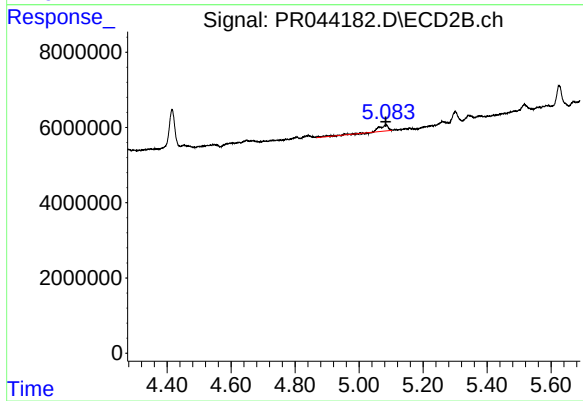
#11 AR-1232-1

R.T.: 4.416 min
Delta R.T.: 0.069 min
Response: 11545956
Conc: 50.04 ng/ml



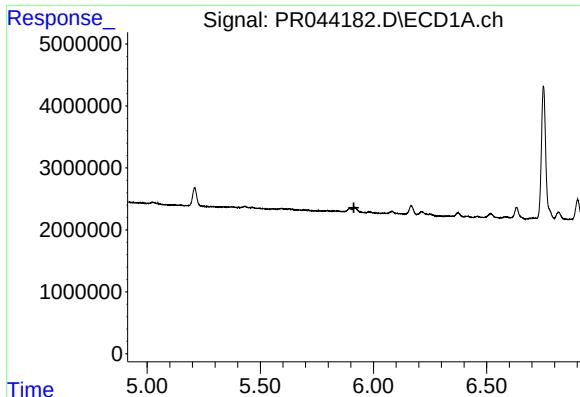
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.622 min
Response: 0
Conc: N.D.



#12 AR-1232-2

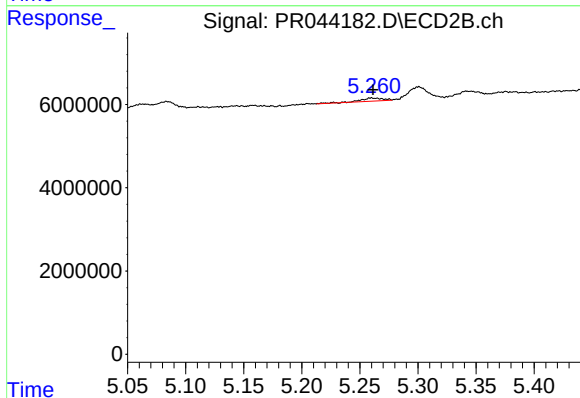
R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 3429182
Conc: 15.75 ng/ml



#13 AR-1232-3

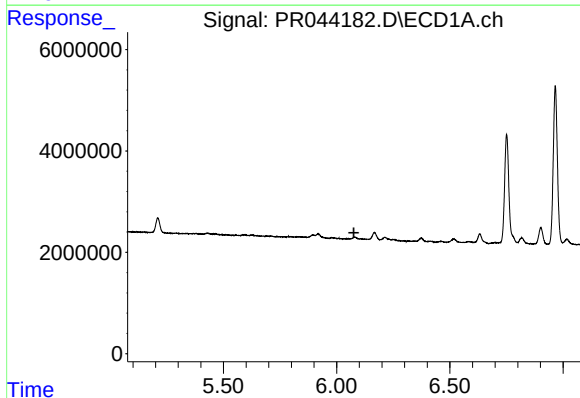
R.T.: 0.000 min
Exp R.T.: 5.913 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



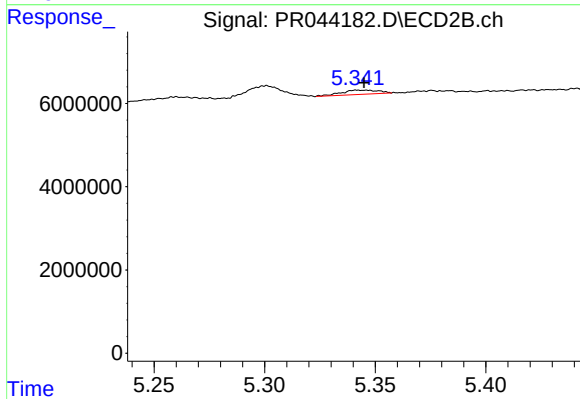
#13 AR-1232-3

R.T.: 5.260 min
Delta R.T.: -0.001 min
Response: 991114
Conc: 10.45 ng/ml



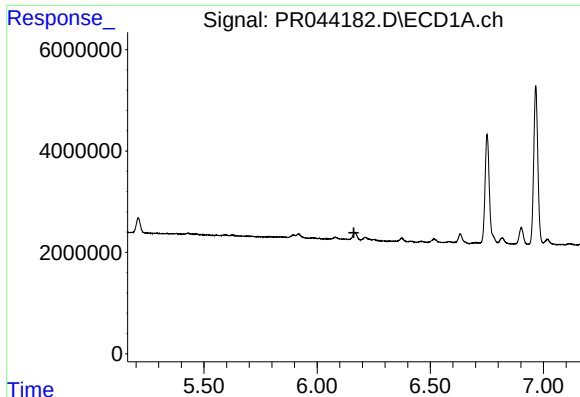
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 6.076 min
Response: 0
Conc: N.D.



#14 AR-1232-4

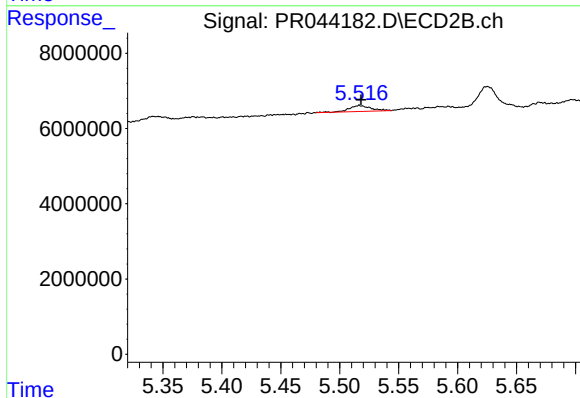
R.T.: 5.346 min
Delta R.T.: 0.000 min
Response: 1183685
Conc: 13.67 ng/ml



#15 AR-1232-5

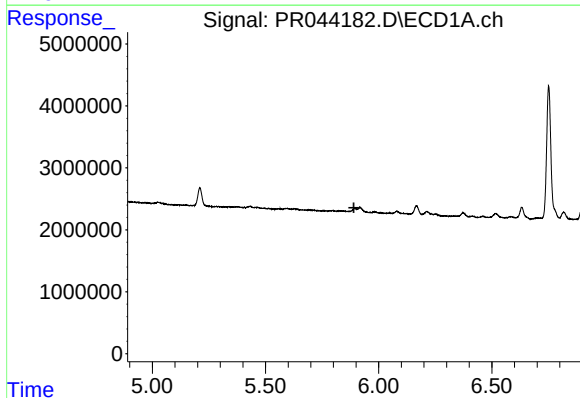
R.T.: 0.000 min
Exp R.T.: 6.163 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



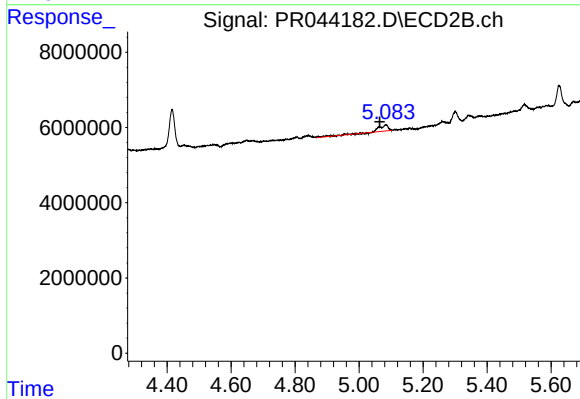
#15 AR-1232-5

R.T.: 5.517 min
Delta R.T.: -0.001 min
Response: 2059534
Conc: 20.94 ng/ml



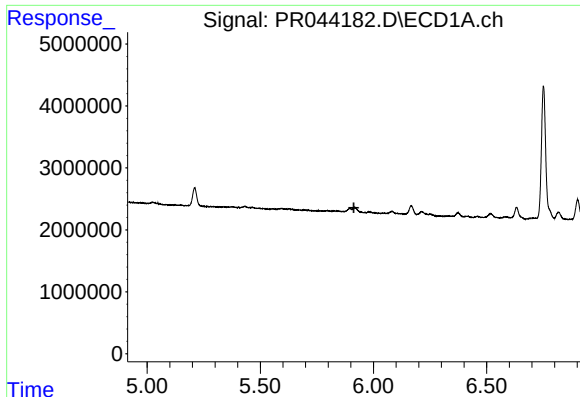
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 5.891 min
Response: 0
Conc: N.D.



#16 AR-1242-1

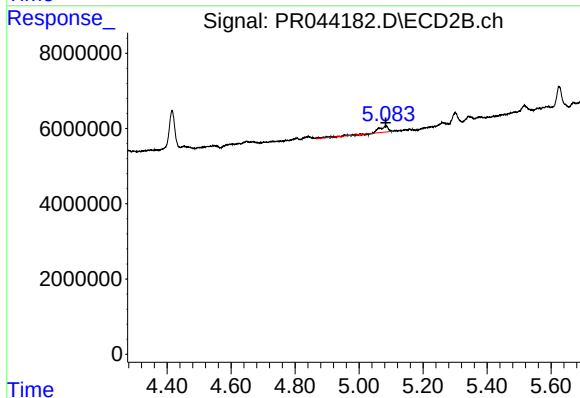
R.T.: 5.084 min
Delta R.T.: 0.020 min
Response: 3429182
Conc: 11.92 ng/ml



#17 AR-1242-2

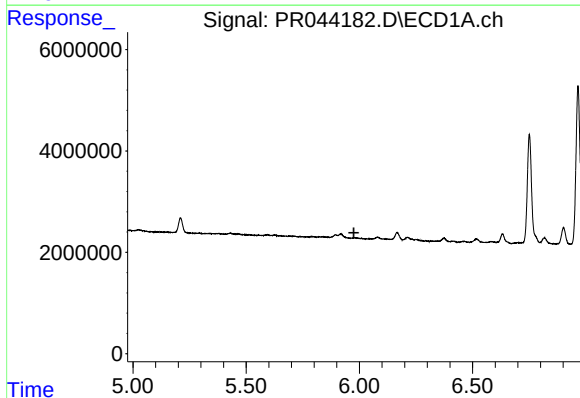
R.T.: 0.000 min
Exp R.T.: 5.913 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



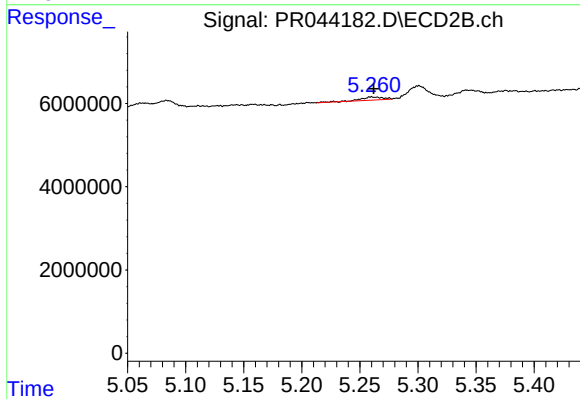
#17 AR-1242-2

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 3429182
Conc: 8.67 ng/ml



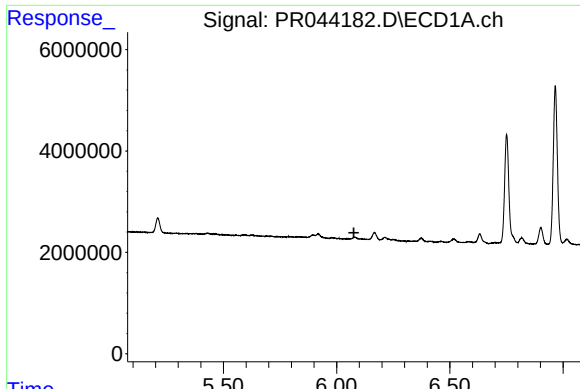
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.976 min
Response: 0
Conc: N.D.



#18 AR-1242-3

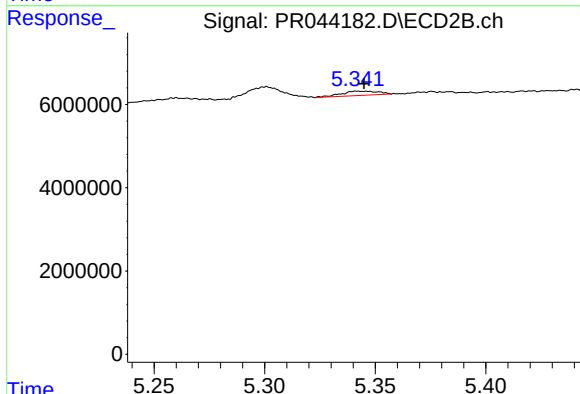
R.T.: 5.260 min
Delta R.T.: -0.002 min
Response: 991114
Conc: 5.21 ng/ml



#19 AR-1242-4

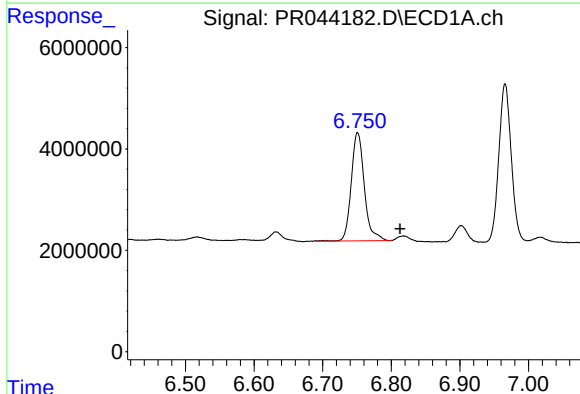
R.T.: 0.000 min
Exp R.T.: 6.076 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



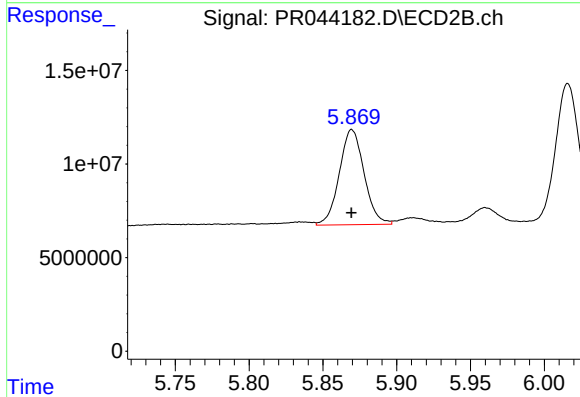
#19 AR-1242-4

R.T.: 5.346 min
Delta R.T.: 0.000 min
Response: 1183685
Conc: 6.47 ng/ml



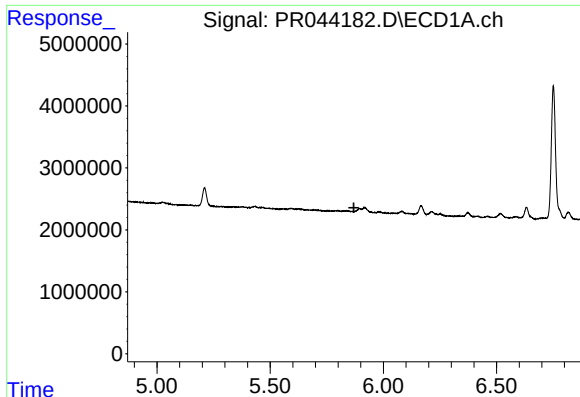
#20 AR-1242-5

R.T.: 6.751 min
Delta R.T.: -0.062 min
Response: 28241140
Conc: 257.06 ng/ml



#20 AR-1242-5

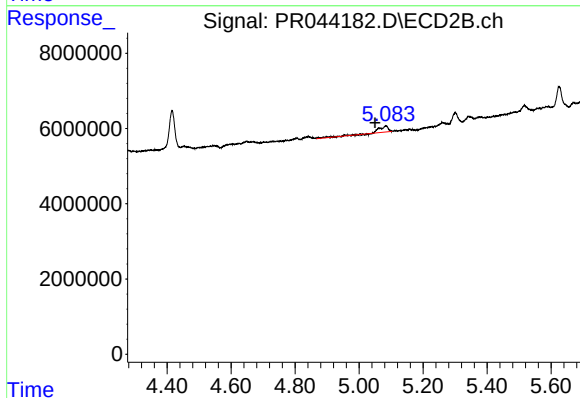
R.T.: 5.870 min
Delta R.T.: 0.000 min
Response: 59437331
Conc: 200.37 ng/ml



#21 AR-1248-1

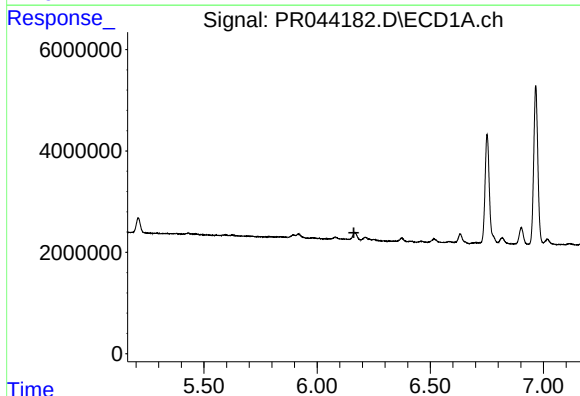
R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



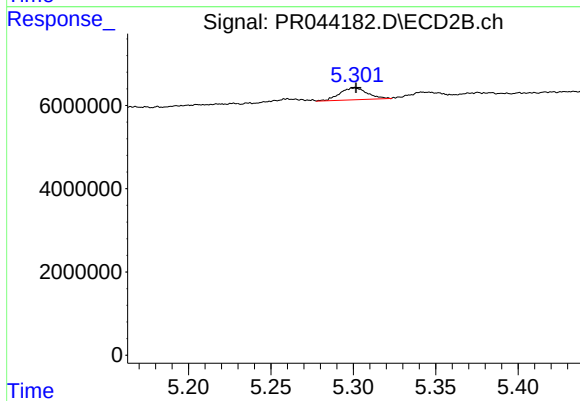
#21 AR-1248-1

R.T.: 5.084 min
Delta R.T.: 0.034 min
Response: 3429182
Conc: 14.90 ng/ml



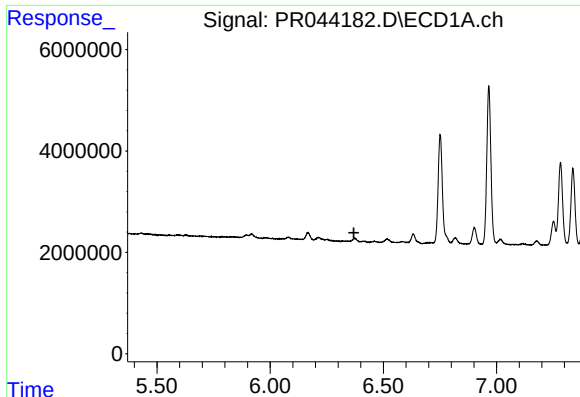
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.162 min
Response: 0
Conc: N.D.



#22 AR-1248-2

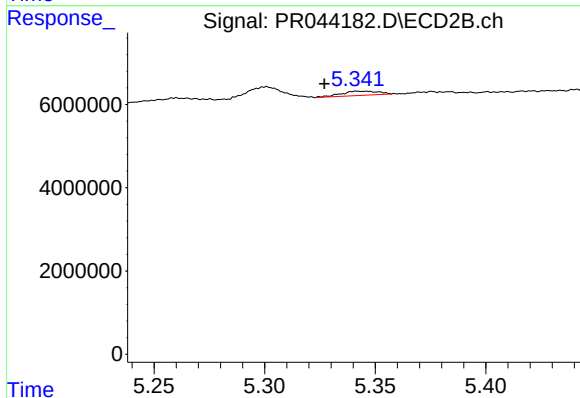
R.T.: 5.301 min
Delta R.T.: 0.000 min
Response: 3340416
Conc: 12.77 ng/ml



#23 AR-1248-3

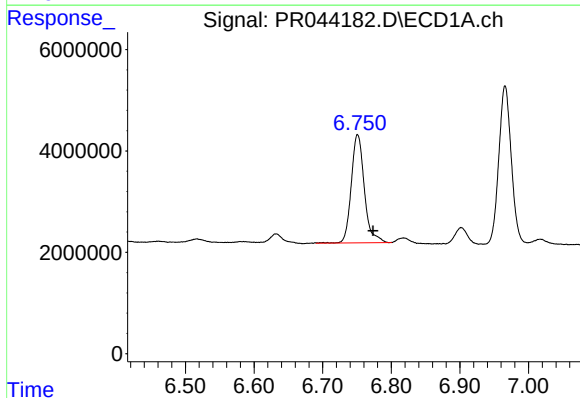
R.T.: 0.000 min
Exp R.T.: 6.370 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



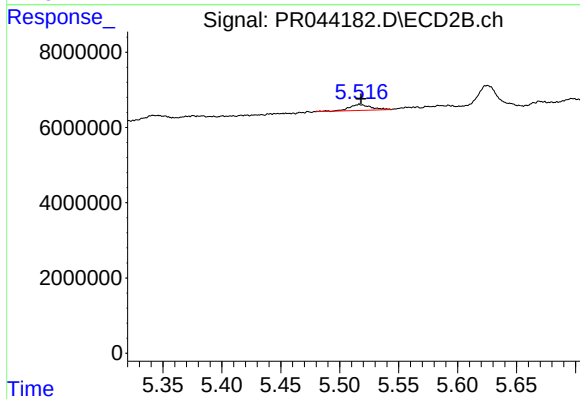
#23 AR-1248-3

R.T.: 5.346 min
Delta R.T.: 0.019 min
Response: 1183685
Conc: 4.47 ng/ml



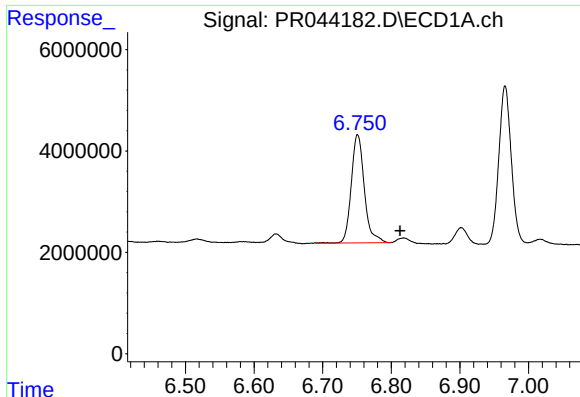
#24 AR-1248-4

R.T.: 6.751 min
Delta R.T.: -0.023 min
Response: 28241140
Conc: 145.44 ng/ml



#24 AR-1248-4

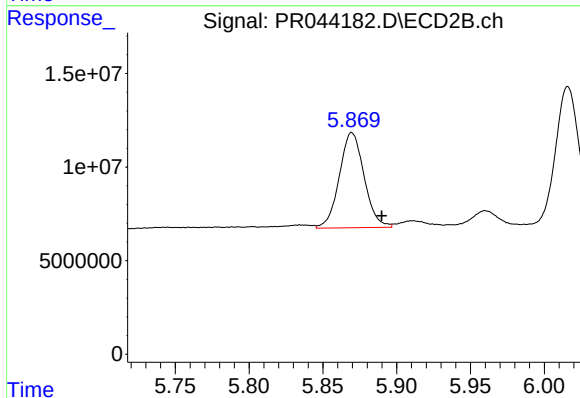
R.T.: 5.517 min
Delta R.T.: -0.001 min
Response: 2059534
Conc: 6.19 ng/ml



#25 AR-1248-5

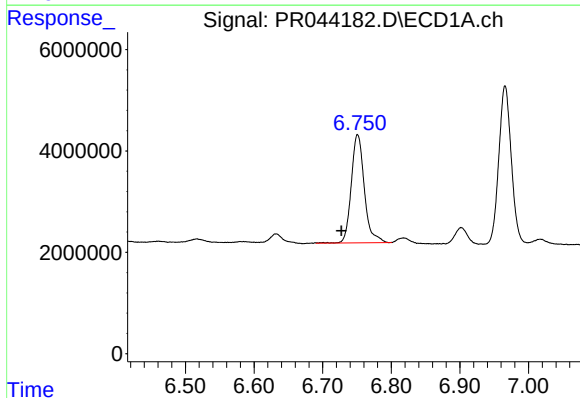
R.T.: 6.751 min
Delta R.T.: -0.062 min
Response: 28241140
Conc: 154.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



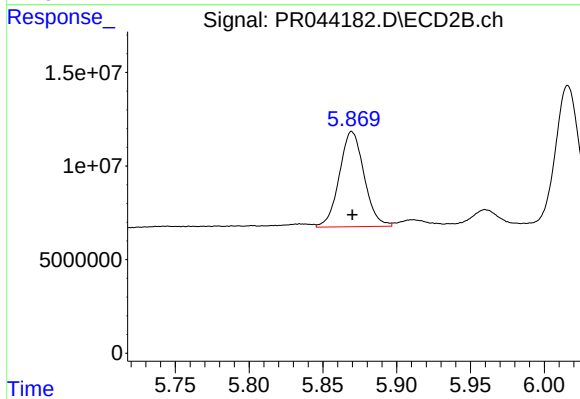
#25 AR-1248-5

R.T.: 5.870 min
Delta R.T.: -0.020 min
Response: 59437331
Conc: 145.40 ng/ml



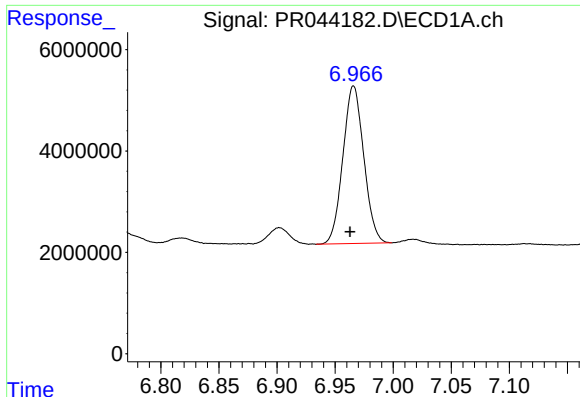
#26 AR-1254-1

R.T.: 6.751 min
Delta R.T.: 0.024 min
Response: 28241140
Conc: 147.78 ng/ml



#26 AR-1254-1

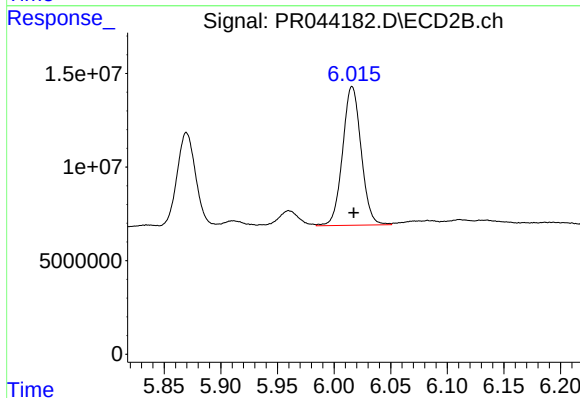
R.T.: 5.870 min
Delta R.T.: 0.000 min
Response: 59437331
Conc: 98.71 ng/ml



#27 AR-1254-2

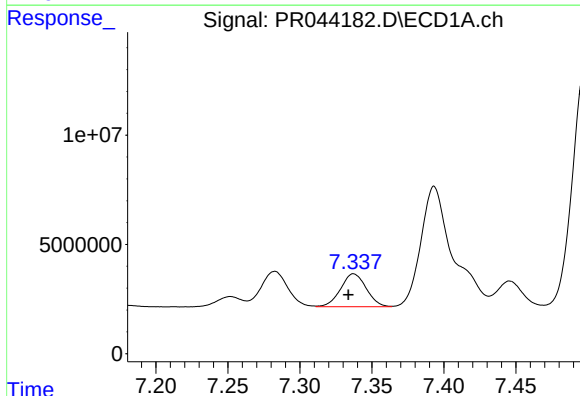
R.T.: 6.966 min
Delta R.T.: 0.003 min
Response: 38912523
Conc: 127.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



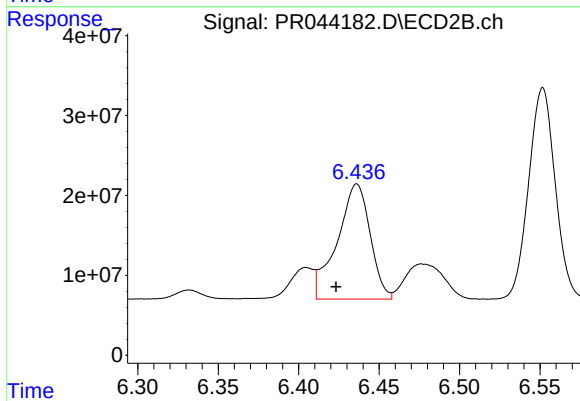
#27 AR-1254-2

R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 84485328
Conc: 155.69 ng/ml



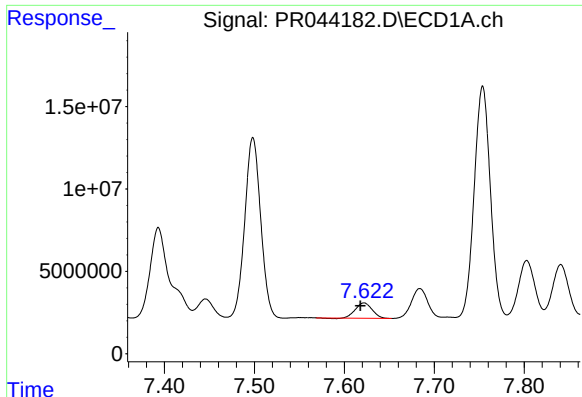
#28 AR-1254-3

R.T.: 7.337 min
Delta R.T.: 0.004 min
Response: 18663530
Conc: 54.12 ng/ml



#28 AR-1254-3

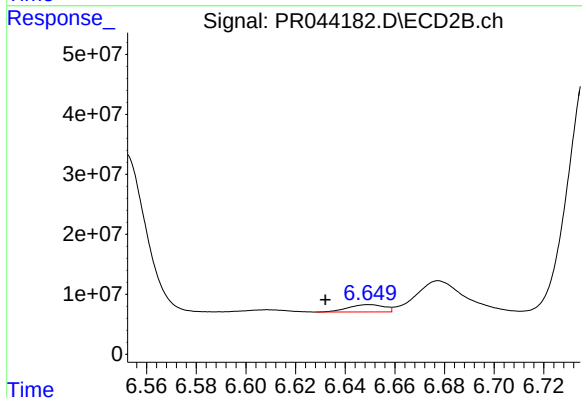
R.T.: 6.436 min
Delta R.T.: 0.013 min
Response: 205920482
Conc: 215.98 ng/ml



#29 AR-1254-4

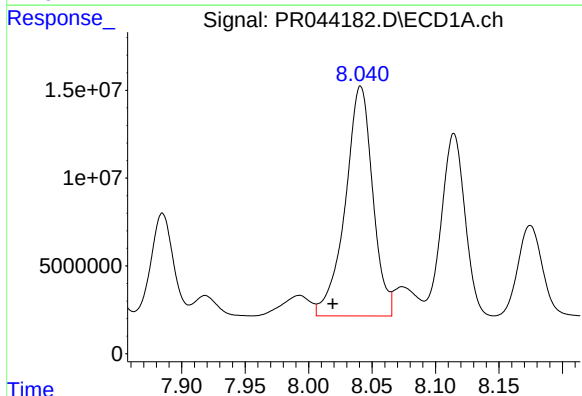
R.T.: 7.622 min
Delta R.T.: 0.004 min
Response: 11897460
Conc: 45.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



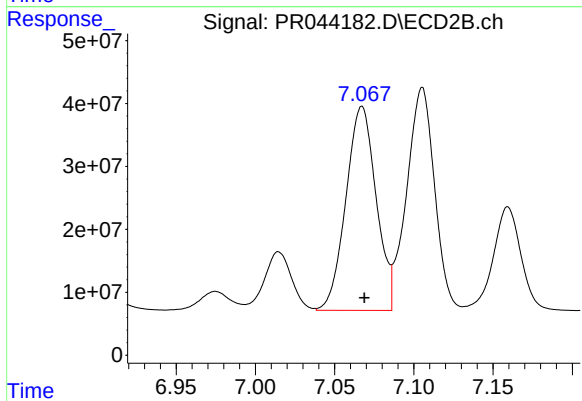
#29 AR-1254-4

R.T.: 6.650 min
Delta R.T.: 0.018 min
Response: 12312389
Conc: 18.56 ng/ml



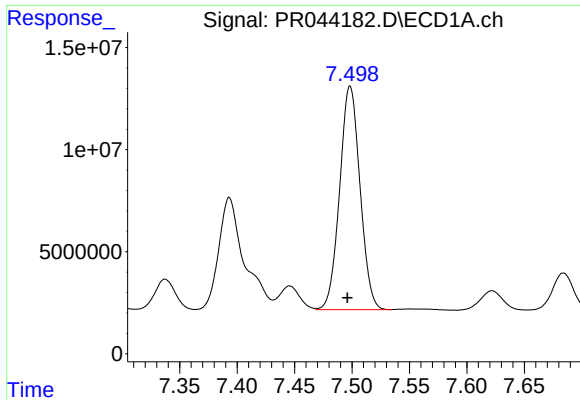
#30 AR-1254-5

R.T.: 8.041 min
Delta R.T.: 0.022 min
Response: 197391960
Conc: 696.56 ng/ml



#30 AR-1254-5

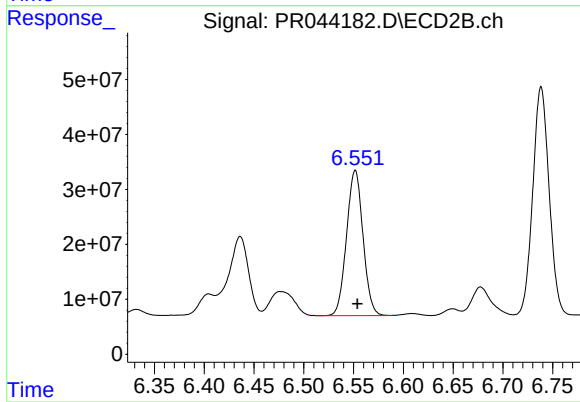
R.T.: 7.067 min
Delta R.T.: -0.001 min
Response: 430273444
Conc: 494.45 ng/ml



#31 AR-1260-1

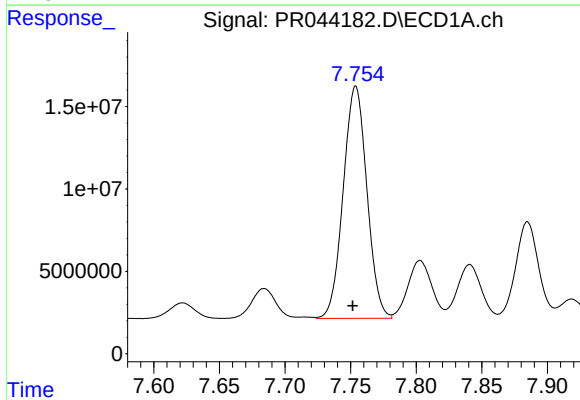
R.T.: 7.498 min
Delta R.T.: 0.002 min
Response: 135206781
Conc: 584.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



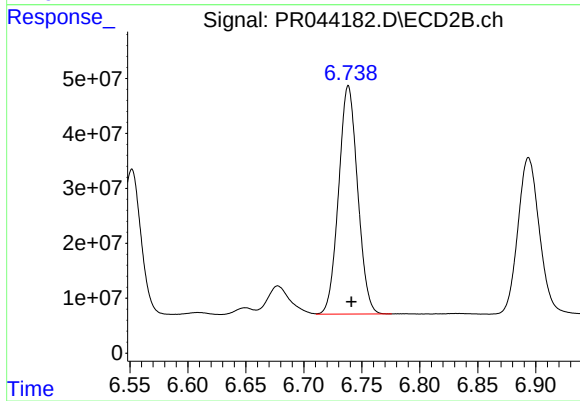
#31 AR-1260-1

R.T.: 6.552 min
Delta R.T.: -0.002 min
Response: 304593205
Conc: 557.36 ng/ml



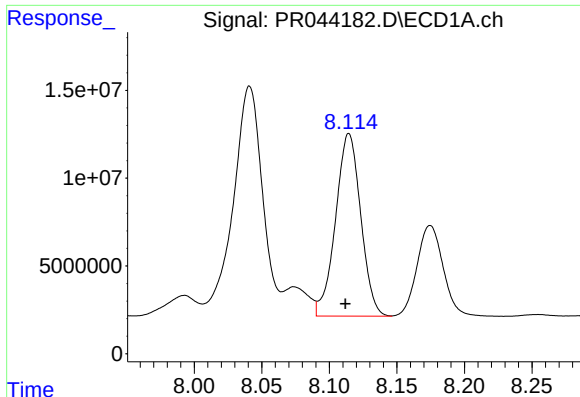
#32 AR-1260-2

R.T.: 7.754 min
Delta R.T.: 0.002 min
Response: 176940493
Conc: 620.12 ng/ml



#32 AR-1260-2

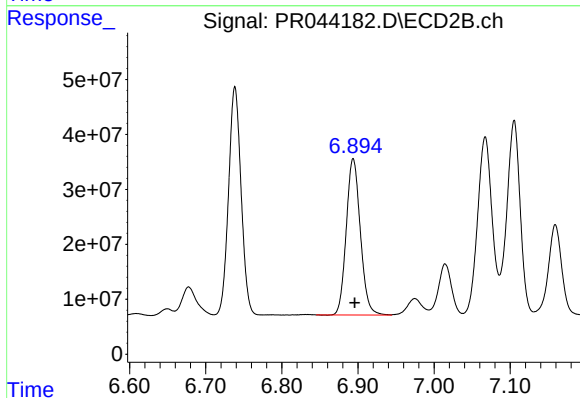
R.T.: 6.738 min
Delta R.T.: -0.003 min
Response: 474779628
Conc: 591.60 ng/ml



#33 AR-1260-3

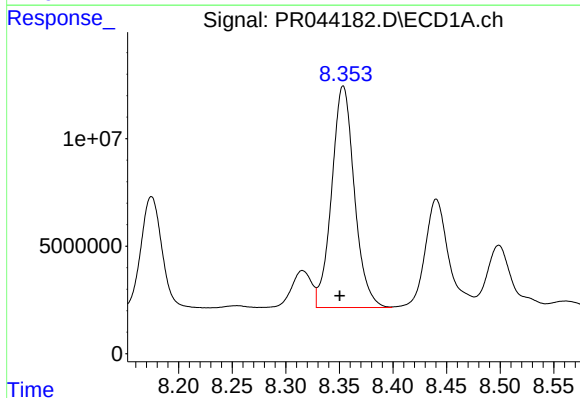
R.T.: 8.114 min
Delta R.T.: 0.003 min
Response: 134912800
Conc: 600.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



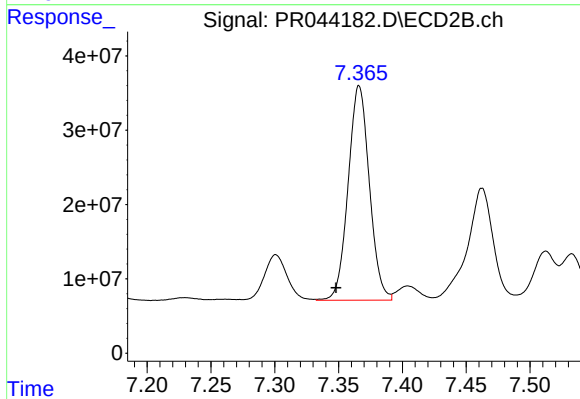
#33 AR-1260-3

R.T.: 6.894 min
Delta R.T.: -0.002 min
Response: 365619699
Conc: 547.45 ng/ml



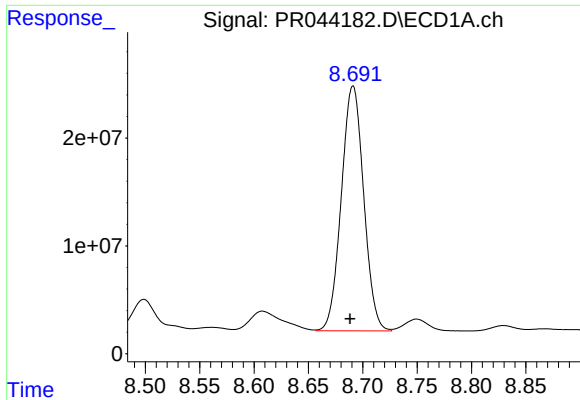
#34 AR-1260-4

R.T.: 8.354 min
Delta R.T.: 0.003 min
Response: 152184952
Conc: 587.73 ng/ml



#34 AR-1260-4

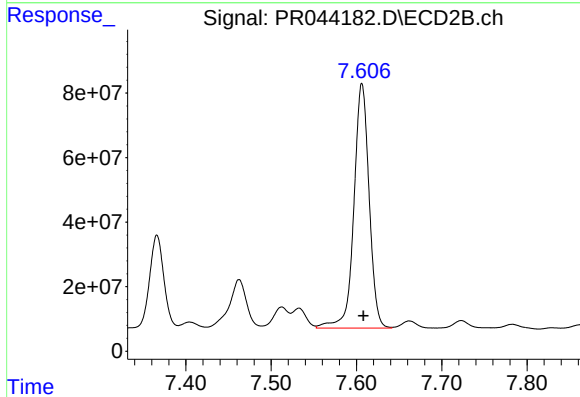
R.T.: 7.366 min
Delta R.T.: 0.018 min
Response: 334173786
Conc: 595.29 ng/ml



#35 AR-1260-5

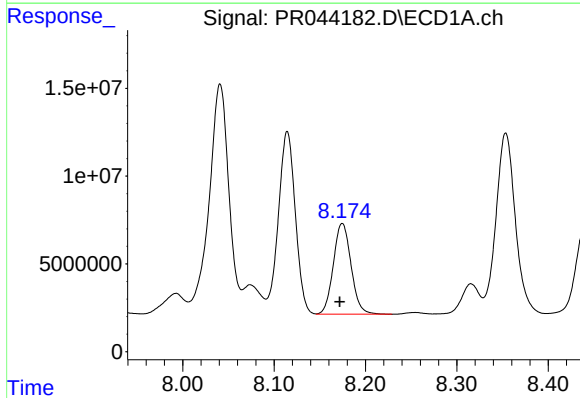
R.T.: 8.691 min
Delta R.T.: 0.002 min
Response: 325079116
Conc: 582.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



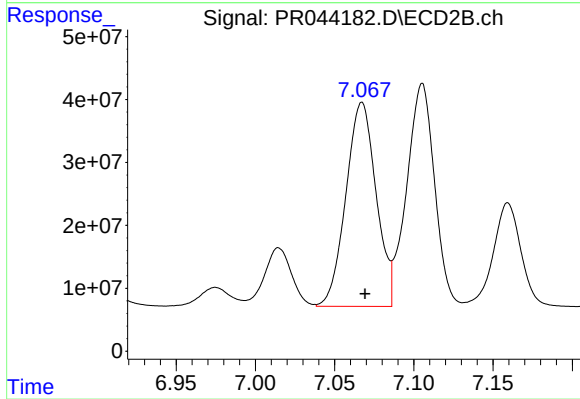
#35 AR-1260-5

R.T.: 7.606 min
Delta R.T.: -0.002 min
Response: 942814149
Conc: 560.07 ng/ml



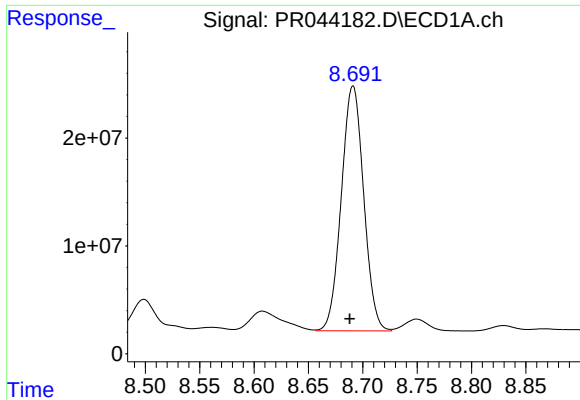
#36 AR-1262-1

R.T.: 8.175 min
Delta R.T.: 0.003 min
Response: 69591731
Conc: 483.82 ng/ml



#36 AR-1262-1

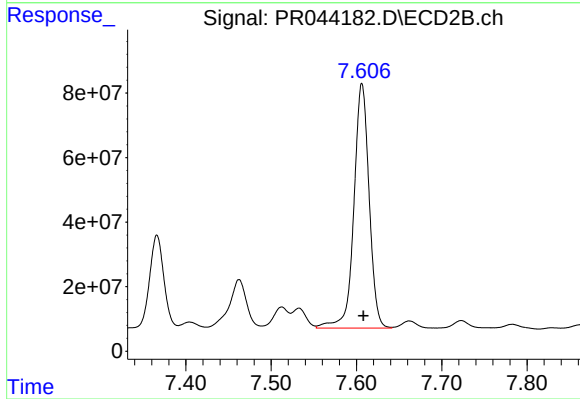
R.T.: 7.067 min
Delta R.T.: -0.002 min
Response: 430273444
Conc: 869.80 ng/ml



#37 AR-1262-2

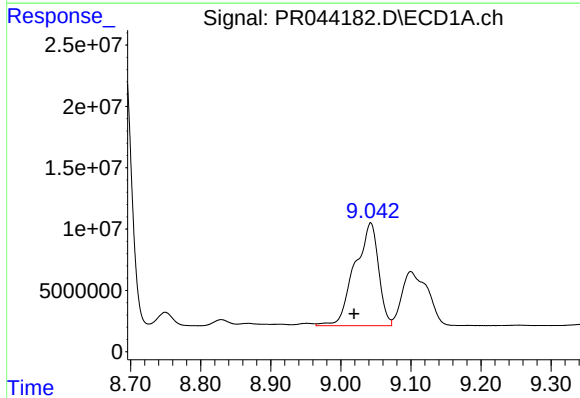
R.T.: 8.691 min
Delta R.T.: 0.003 min
Response: 325079116
Conc: 457.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



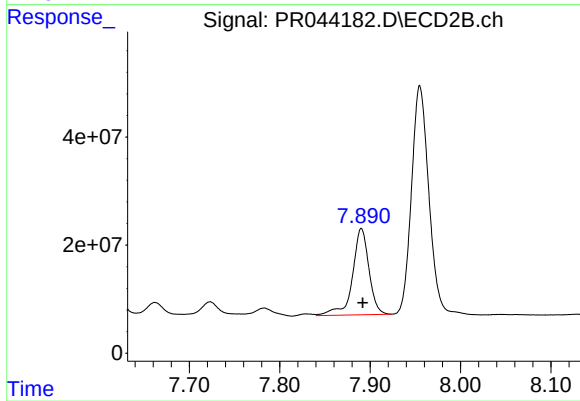
#37 AR-1262-2

R.T.: 7.606 min
Delta R.T.: -0.002 min
Response: 942814149
Conc: 433.59 ng/ml



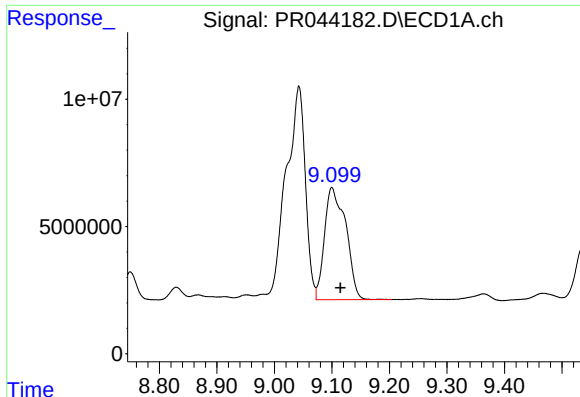
#38 AR-1262-3

R.T.: 9.043 min
Delta R.T.: 0.024 min
Response: 197359708
Conc: 428.44 ng/ml



#38 AR-1262-3

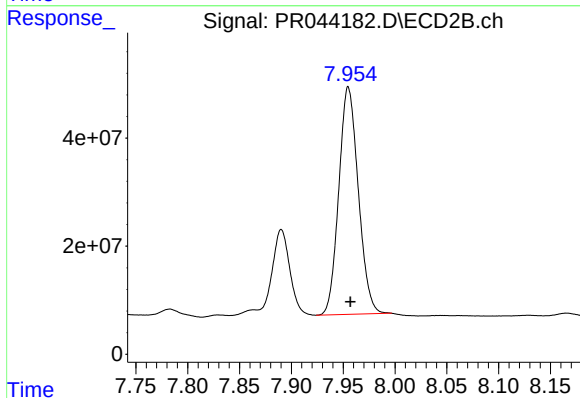
R.T.: 7.890 min
Delta R.T.: -0.002 min
Response: 201685557
Conc: 233.50 ng/ml



#39 AR-1262-4

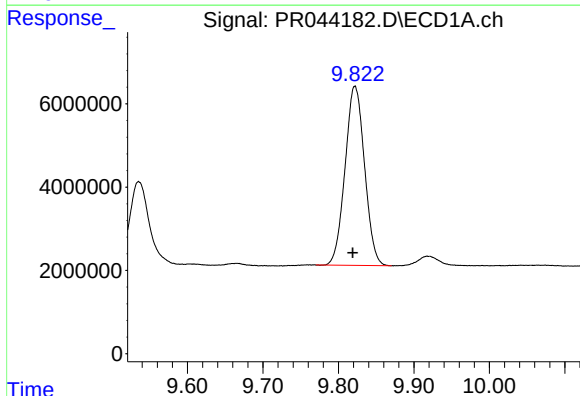
R.T.: 9.100 min
Delta R.T.: -0.015 min
Response: 113107124
Conc: 331.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



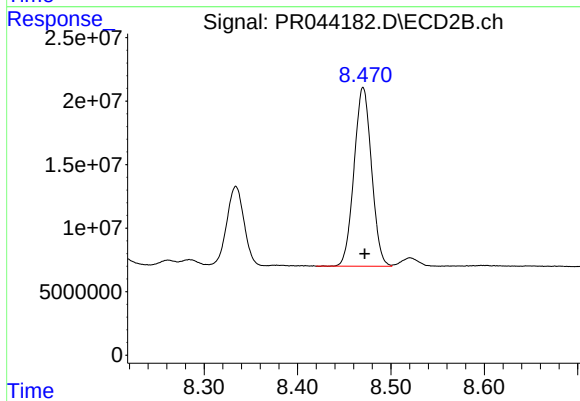
#39 AR-1262-4

R.T.: 7.955 min
Delta R.T.: -0.002 min
Response: 551007634
Conc: 387.52 ng/ml



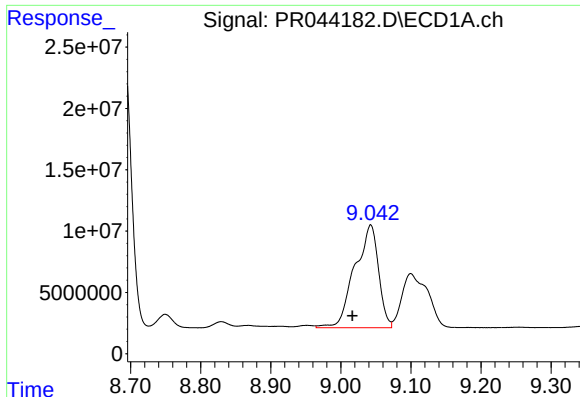
#40 AR-1262-5

R.T.: 9.822 min
Delta R.T.: 0.003 min
Response: 77283398
Conc: 321.91 ng/ml



#40 AR-1262-5

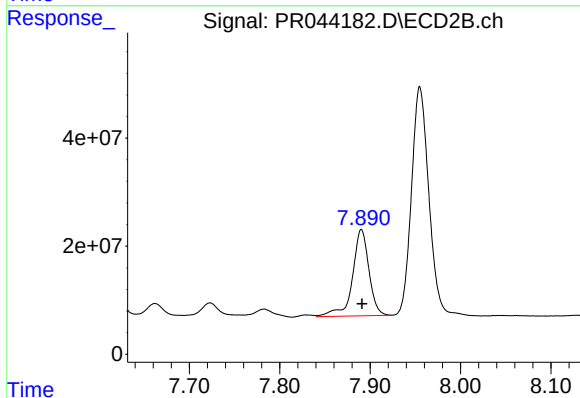
R.T.: 8.470 min
Delta R.T.: -0.002 min
Response: 183026764
Conc: 286.29 ng/ml



#41 AR-1268-1

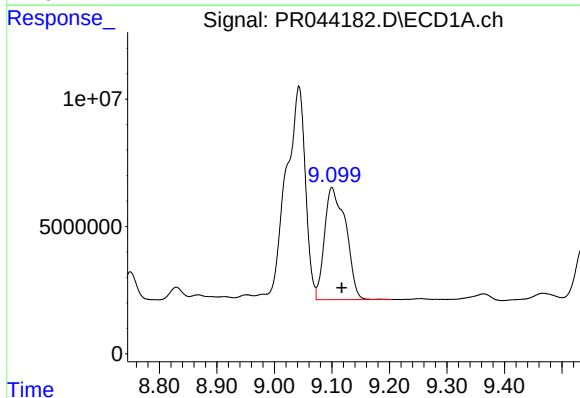
R.T.: 9.043 min
Delta R.T.: 0.026 min
Response: 197359708
Conc: 245.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



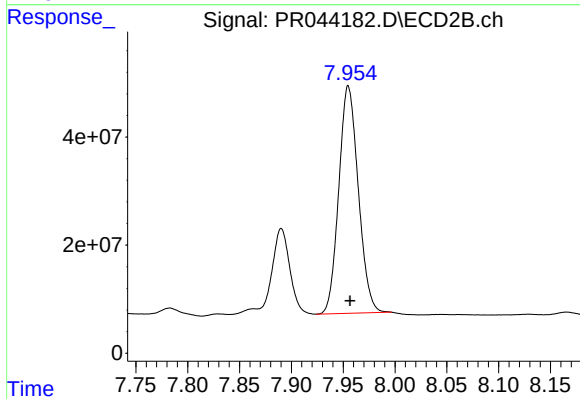
#41 AR-1268-1

R.T.: 7.890 min
Delta R.T.: 0.000 min
Response: 201685557
Conc: 82.49 ng/ml



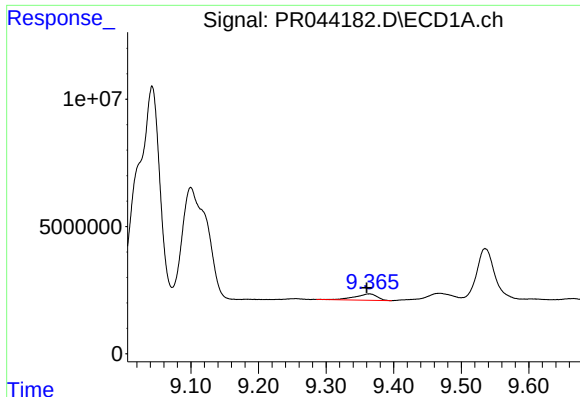
#42 AR-1268-2

R.T.: 9.100 min
Delta R.T.: -0.017 min
Response: 113107124
Conc: 153.51 ng/ml



#42 AR-1268-2

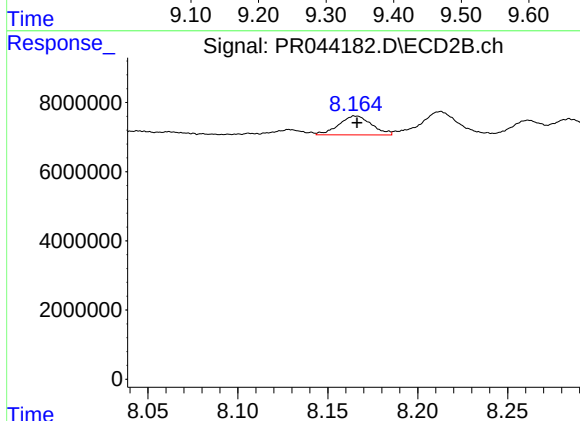
R.T.: 7.955 min
Delta R.T.: -0.002 min
Response: 551007634
Conc: 263.43 ng/ml



#43 AR-1268-3

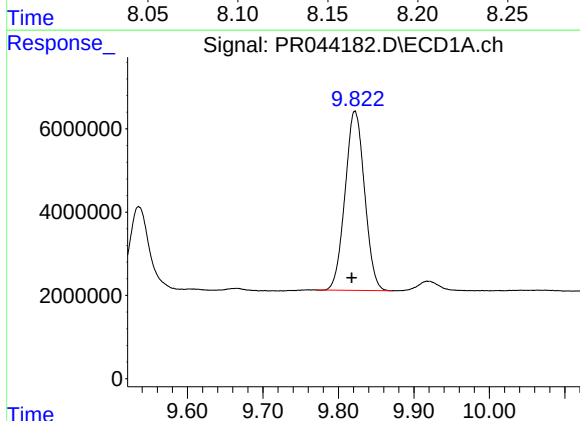
R.T.: 9.364 min
Delta R.T.: 0.004 min
Response: 5756339
Conc: 9.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



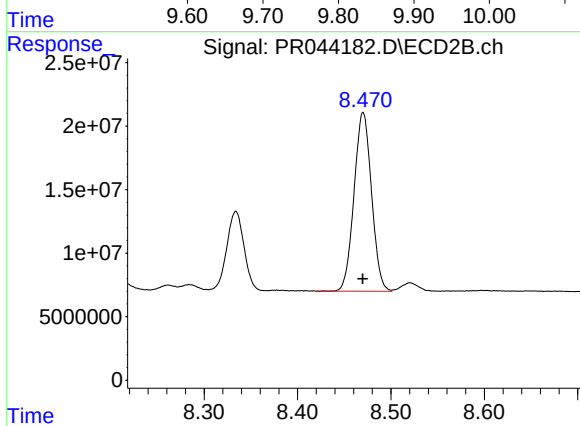
#43 AR-1268-3

R.T.: 8.166 min
Delta R.T.: 0.000 min
Response: 6962246
Conc: 3.87 ng/ml



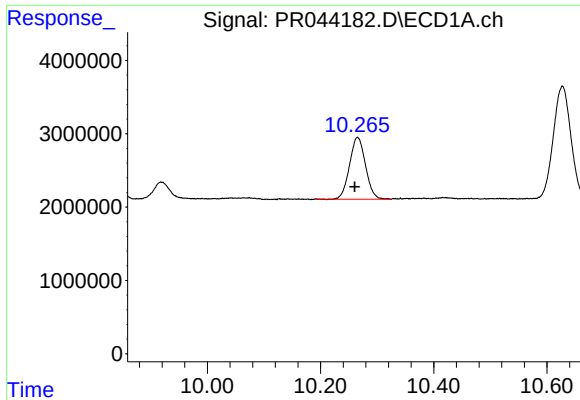
#44 AR-1268-4

R.T.: 9.822 min
Delta R.T.: 0.004 min
Response: 77283398
Conc: 292.13 ng/ml



#44 AR-1268-4

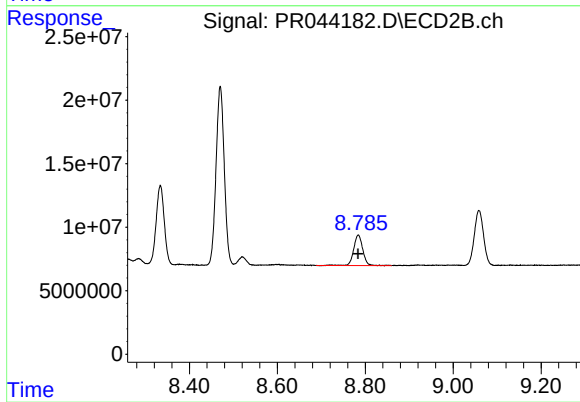
R.T.: 8.470 min
Delta R.T.: 0.000 min
Response: 183026764
Conc: 259.73 ng/ml



#45 AR-1268-5

R.T.: 10.265 min
Delta R.T.: 0.005 min
Response: 16523747
Conc: 8.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 34798733
Conc: 7.13 ng/ml