

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091119\
 Data File : PR040984.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2019 19:07
 Operator : SM\AJ
 Sample : K4718-17MSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 C0AE0MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 02:50:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091019CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 10 13:01:53 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...	4.724	3.993	77396344	316.9E6	25.184	23.798
2)	SA Decachlor...	10.644	9.121	84330896	267.6E6	30.301	27.377
Target Compounds							
3)	L1 AR-1016-1	5.900	5.093	51771339	112.0E6	459.141	423.075
4)	L1 AR-1016-2	5.924	5.114	72465846	152.7E6	455.419	416.183
5)	L1 AR-1016-3	5.987	5.293	42410577	87044861	452.626	428.438
6)	L1 AR-1016-4	6.086	5.332	35078242	67581622	449.505	413.811
7)	L1 AR-1016-5	6.381	5.550	33859792	92512159	434.370	398.063
8)	L2 AR-1221-1	4.928	4.204	3824192	13743629	124.166	114.540
9)	L2 AR-1221-2	5.020	4.294	5194333	15942083	211.454	207.603
10)	L2 AR-1221-3	5.098	4.371	23129362	59738075	292.426	263.823
11)	L3 AR-1232-1	5.098	4.371	23129362	59738075	462.729	441.321
12)	L3 AR-1232-2	5.632	5.114	33951317	152.7E6	1290.685	1175.819
13)	L3 AR-1232-3	5.924	5.293	72465846	87044861	1312.561	1184.992
14)	L3 AR-1232-4	6.086	5.376	35078242	83722610	1254.795	1260.449
15)	L3 AR-1232-5	6.173	5.550	30152264	92512159	1444.707	1122.671
16)	L4 AR-1242-1	5.900	5.093	51771339	112.0E6	696.755	644.550
17)	L4 AR-1242-2	5.924	5.114	72465846	152.7E6	691.439	638.233
18)	L4 AR-1242-3	5.987	5.293	42410577	87044861	670.058	641.133
19)	L4 AR-1242-4	6.086	5.376	35078242	83722610	663.832	608.851
20)	L4 AR-1242-5	6.824	5.905	4356480	78966674	69.138	344.312 #
21)	L5 AR-1248-1	5.900	5.093	51771339	112.0E6	884.152	808.269
22)	L5 AR-1248-2	6.173	5.332	30152264	67581622	361.568	343.586
23)	L5 AR-1248-3	6.381	5.376	33859792	83722610	358.904	412.074
24)	L5 AR-1248-4	6.783	5.550	3992661	92512159	34.164	350.915 #
25)	L5 AR-1248-5	6.824	5.946	4356480	12037851	39.725	38.091
26)	L6 AR-1254-1	6.758	5.905	26088516	78966674	212.832	164.939
27)	L6 AR-1254-2	6.974	6.051	26683242	77356275	139.366	175.186 #
28)	L6 AR-1254-3	7.345	6.474	14117103	167.5E6	65.234	222.600 #
29)	L6 AR-1254-4	7.630	6.686	10141976	15490918	62.259	29.624 #
30)	L6 AR-1254-5	8.049	7.107	87603484	261.1E6	479.597	408.596
31)	L7 AR-1260-1	7.507	6.590	62798085	190.3E6	406.795	373.548
32)	L7 AR-1260-2	7.762	6.776	72042504	239.8E6	391.606	377.231
33)	L7 AR-1260-3	8.123	6.933	43571419	213.2E6	313.851	369.603
34)	L7 AR-1260-4	8.363	7.408	53873087	147.1E6	331.326	297.968
35)	L7 AR-1260-5	8.701	7.647	104.7E6	383.5E6	306.281	294.762
36)	L8 AR-1262-1	8.123	7.145	43571419	173.4E6	192.226	211.607
37)	L8 AR-1262-2	8.701	7.647	104.7E6	383.5E6	238.941	245.776
38)	L8 AR-1262-3	9.053	7.934	64914581	71191276	231.225	117.891 #
39)	L8 AR-1262-4	9.110	7.997	33128674	255.2E6	163.033	228.879 #
40)	L8 AR-1262-5	9.834	8.517	23580071	84479392	162.464	161.666
41)	L9 AR-1268-1	9.053	7.934	64914581	71191276	145.593	44.399 #
42)	L9 AR-1268-2	9.110	7.997	33128674	255.2E6	81.144	170.780 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091119\
 Data File : PR040984.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2019 19:07
 Operator : SM\AJ
 Sample : K4718-17MSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

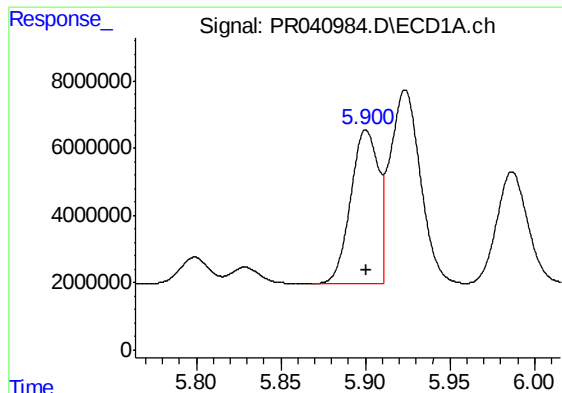
Instrument :
 ECD_R
 ClientSampleId :
 C0AE0MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 02:50:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091019CLP.M
 Quant Title : GC EXTRACTABLES
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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
43) L9	AR-1268-3	9.377	8.215	1635328	6614783	4.835	5.293
44) L9	AR-1268-4	9.834	8.517	23580071	84479392	164.413	162.221
45) L9	AR-1268-5	10.279	8.837	8142396	26724092	7.178	7.244

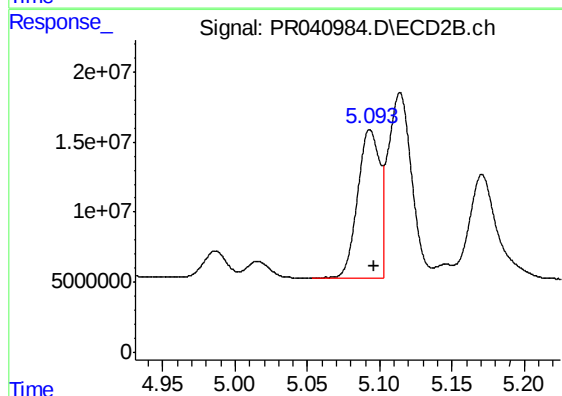
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

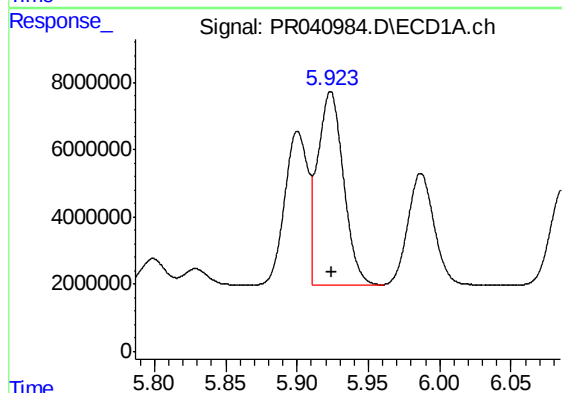
R.T.: 5.900 min
Delta R.T.: 0.000 min
Response: 51771339
Conc: 459.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AE0MSD



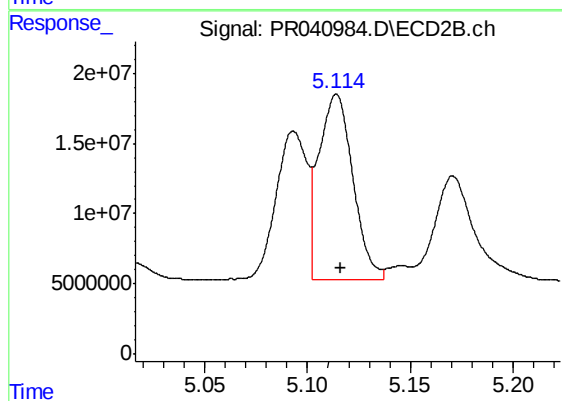
#3 AR-1016-1

R.T.: 5.093 min
Delta R.T.: -0.003 min
Response: 111981122
Conc: 423.07 ng/ml



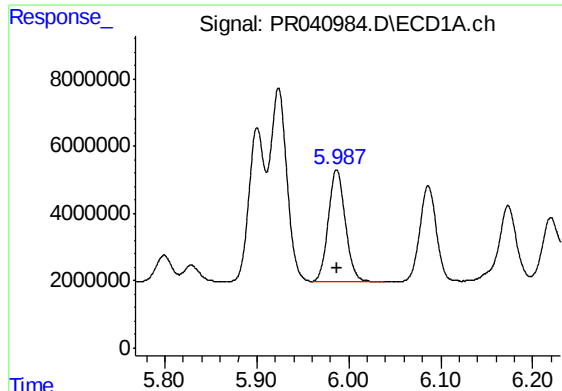
#4 AR-1016-2

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 72465846
Conc: 455.42 ng/ml



#4 AR-1016-2

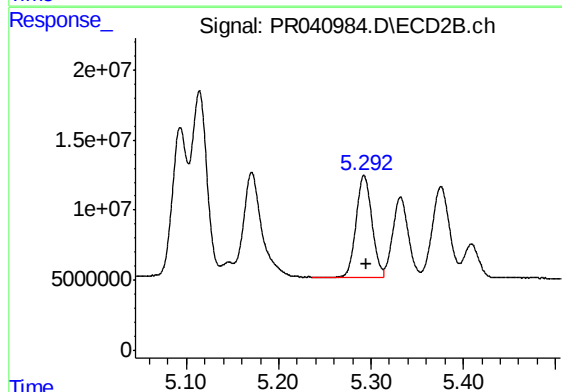
R.T.: 5.114 min
Delta R.T.: -0.002 min
Response: 152747440
Conc: 416.18 ng/ml



#5 AR-1016-3

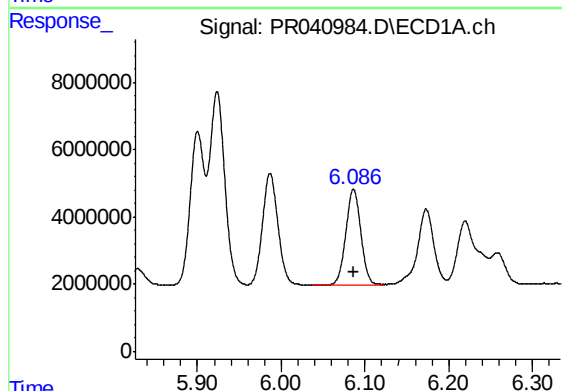
R.T.: 5.987 min
Delta R.T.: 0.000 min
Response: 42410577
Conc: 452.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AE0MSD



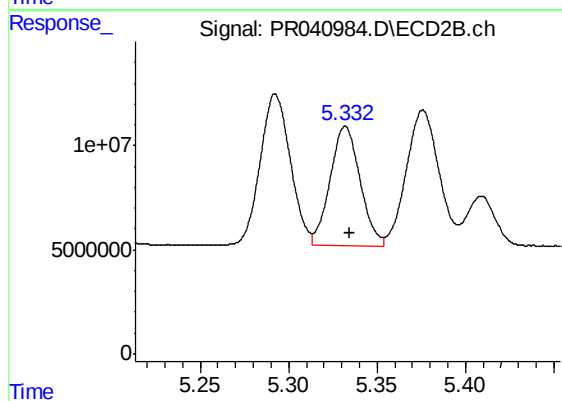
#5 AR-1016-3

R.T.: 5.293 min
Delta R.T.: -0.002 min
Response: 87044861
Conc: 428.44 ng/ml



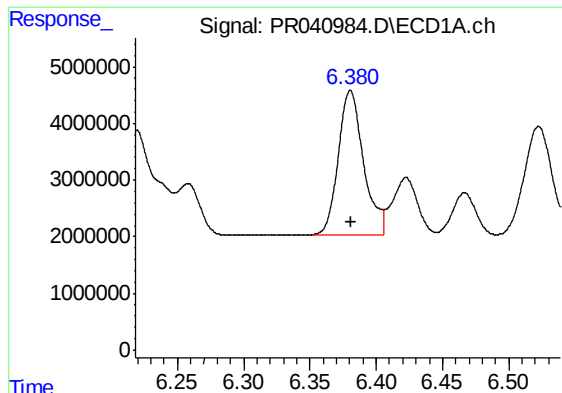
#6 AR-1016-4

R.T.: 6.086 min
Delta R.T.: 0.000 min
Response: 35078242
Conc: 449.51 ng/ml



#6 AR-1016-4

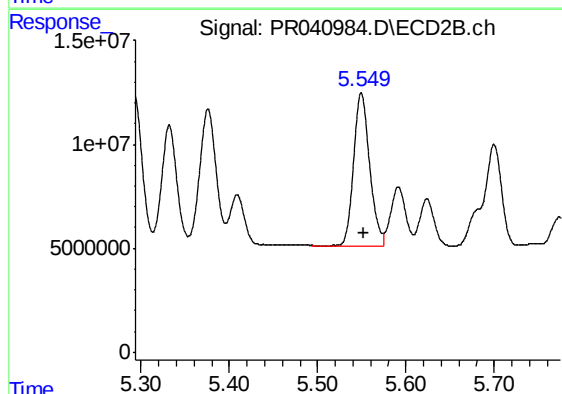
R.T.: 5.332 min
Delta R.T.: -0.003 min
Response: 67581622
Conc: 413.81 ng/ml



#7 AR-1016-5

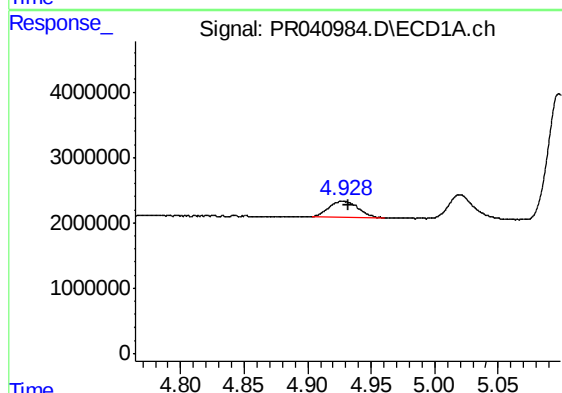
R.T.: 6.381 min
Delta R.T.: 0.000 min
Response: 33859792
Conc: 434.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AE0MSD



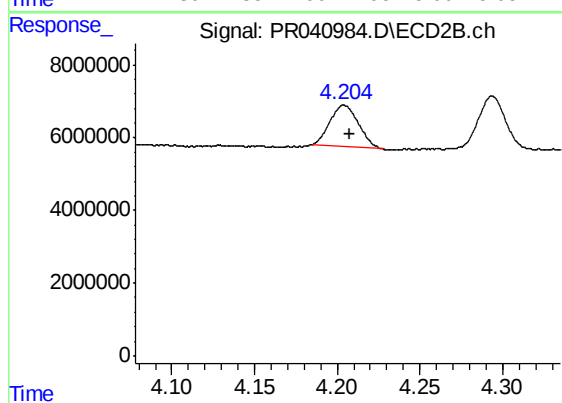
#7 AR-1016-5

R.T.: 5.550 min
Delta R.T.: -0.003 min
Response: 92512159
Conc: 398.06 ng/ml



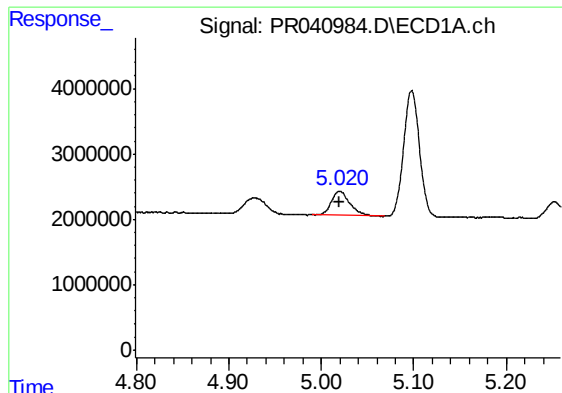
#8 AR-1221-1

R.T.: 4.928 min
Delta R.T.: -0.004 min
Response: 3824192
Conc: 124.17 ng/ml



#8 AR-1221-1

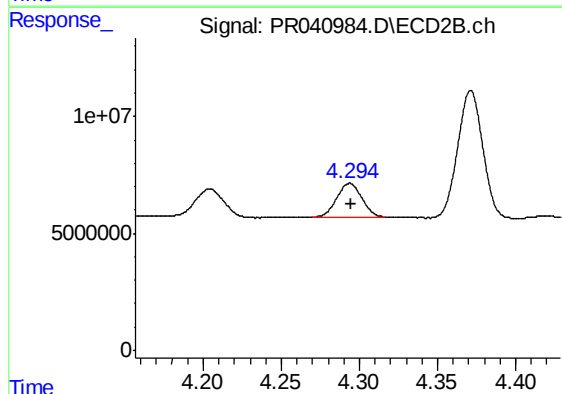
R.T.: 4.204 min
Delta R.T.: -0.003 min
Response: 13743629
Conc: 114.54 ng/ml



#9 AR-1221-2

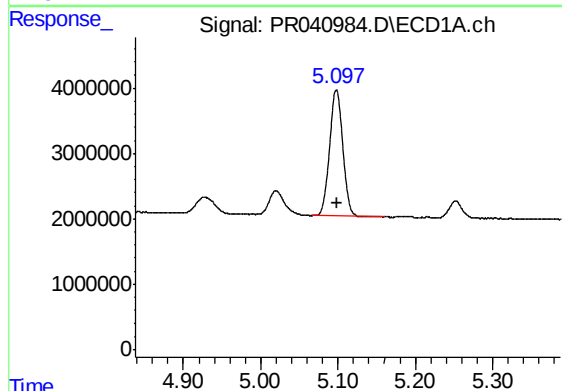
R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 5194333
Conc: 211.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AE0MSD



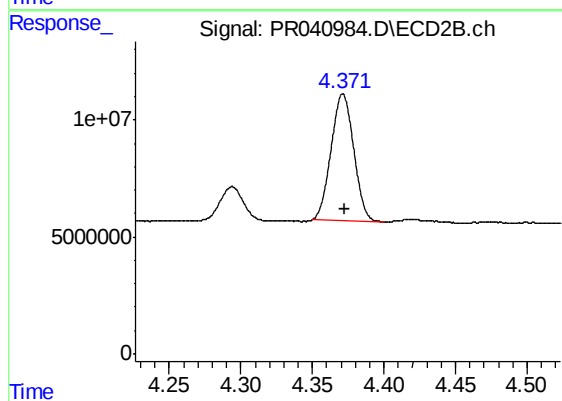
#9 AR-1221-2

R.T.: 4.294 min
Delta R.T.: 0.000 min
Response: 15942083
Conc: 207.60 ng/ml



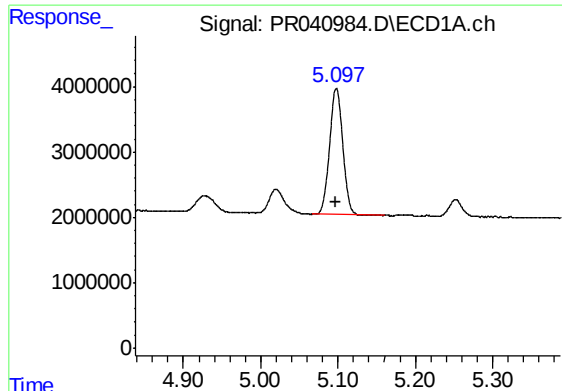
#10 AR-1221-3

R.T.: 5.098 min
Delta R.T.: -0.001 min
Response: 23129362
Conc: 292.43 ng/ml



#10 AR-1221-3

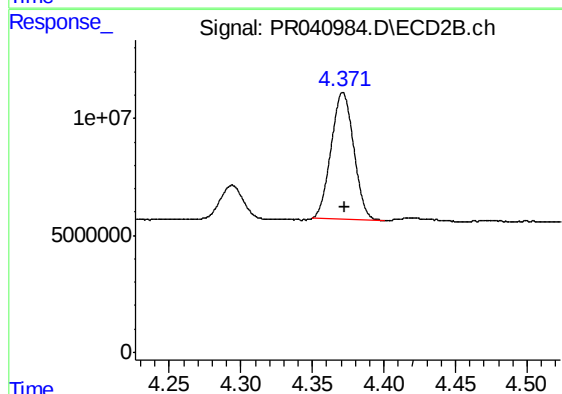
R.T.: 4.371 min
Delta R.T.: -0.002 min
Response: 59738075
Conc: 263.82 ng/ml



#11 AR-1232-1

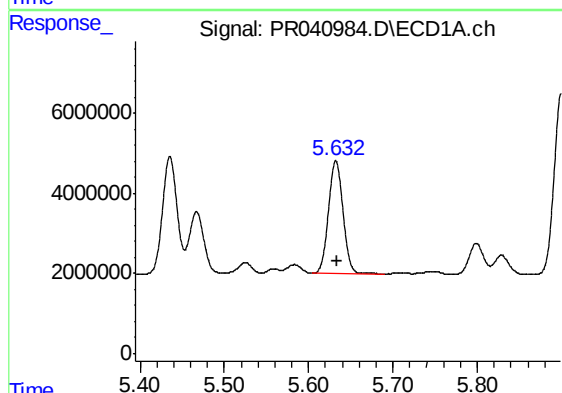
R.T.: 5.098 min
Delta R.T.: 0.000 min
Response: 23129362
Conc: 462.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AE0MSD



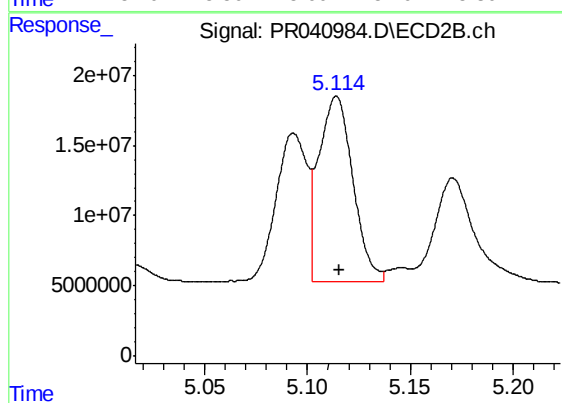
#11 AR-1232-1

R.T.: 4.371 min
Delta R.T.: -0.001 min
Response: 59738075
Conc: 441.32 ng/ml



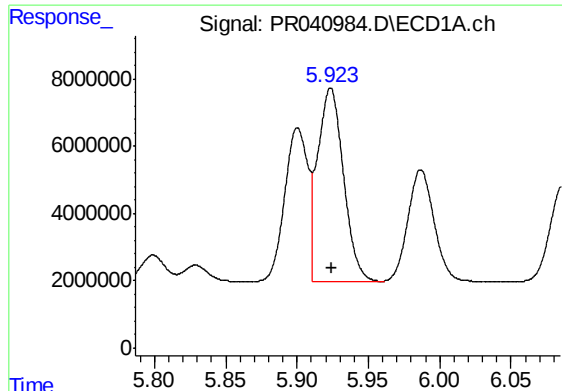
#12 AR-1232-2

R.T.: 5.632 min
Delta R.T.: -0.002 min
Response: 33951317
Conc: 1290.69 ng/ml



#12 AR-1232-2

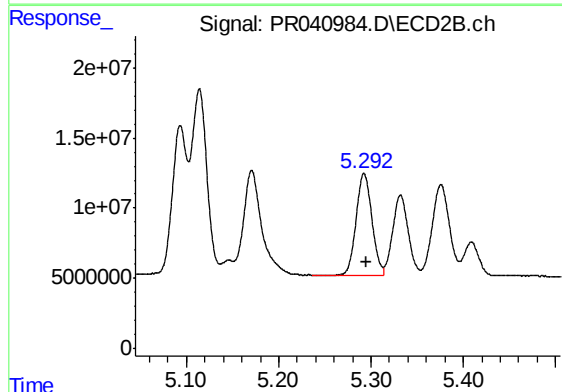
R.T.: 5.114 min
Delta R.T.: -0.002 min
Response: 152747440
Conc: 1175.82 ng/ml



#13 AR-1232-3

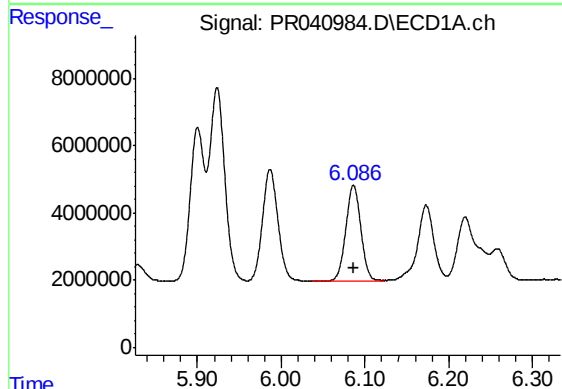
R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 72465846
Conc: 1312.56 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AE0MSD



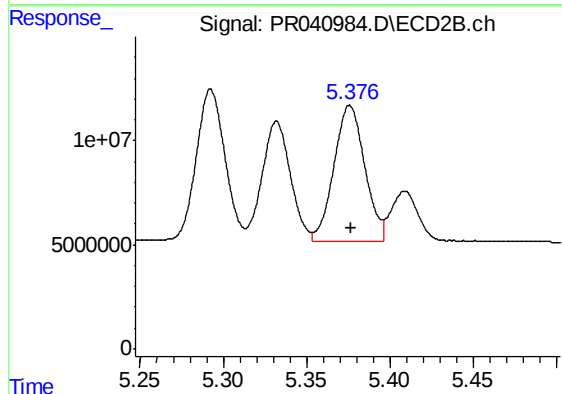
#13 AR-1232-3

R.T.: 5.293 min
Delta R.T.: -0.002 min
Response: 87044861
Conc: 1184.99 ng/ml



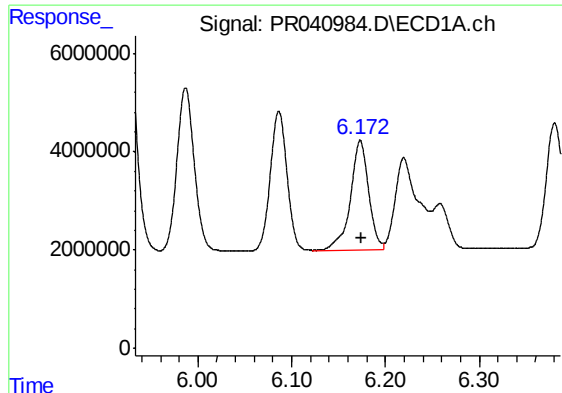
#14 AR-1232-4

R.T.: 6.086 min
Delta R.T.: 0.000 min
Response: 35078242
Conc: 1254.79 ng/ml



#14 AR-1232-4

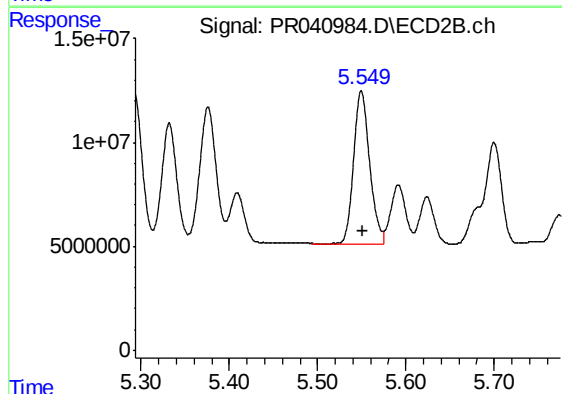
R.T.: 5.376 min
Delta R.T.: 0.000 min
Response: 83722610
Conc: 1260.45 ng/ml



#15 AR-1232-5

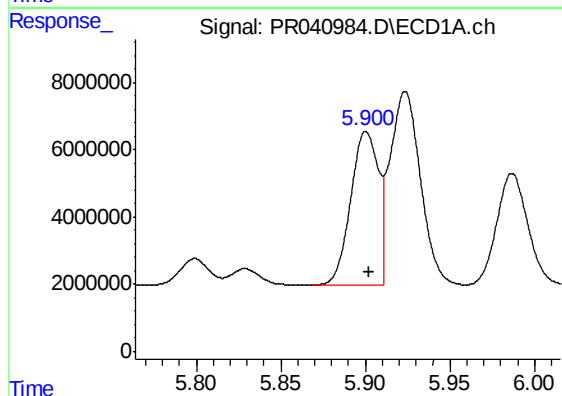
R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 30152264
Conc: 1444.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AE0MSD



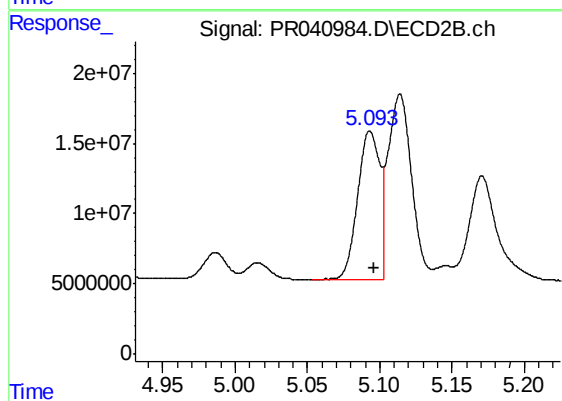
#15 AR-1232-5

R.T.: 5.550 min
Delta R.T.: 0.000 min
Response: 92512159
Conc: 1122.67 ng/ml



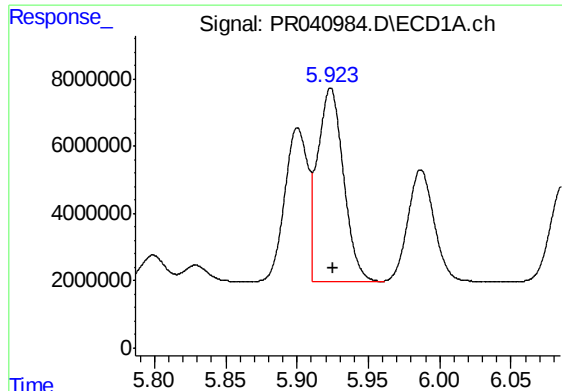
#16 AR-1242-1

R.T.: 5.900 min
Delta R.T.: -0.002 min
Response: 51771339
Conc: 696.76 ng/ml



#16 AR-1242-1

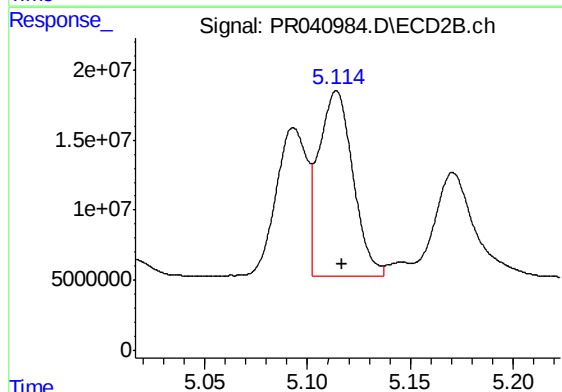
R.T.: 5.093 min
Delta R.T.: -0.003 min
Response: 111981122
Conc: 644.55 ng/ml



#17 AR-1242-2

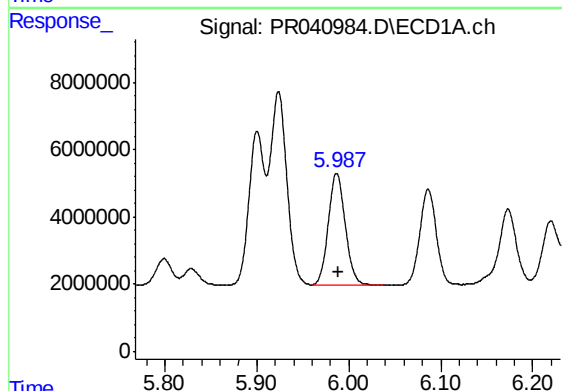
R.T.: 5.924 min
Delta R.T.: -0.002 min
Response: 72465846
Conc: 691.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AE0MSD



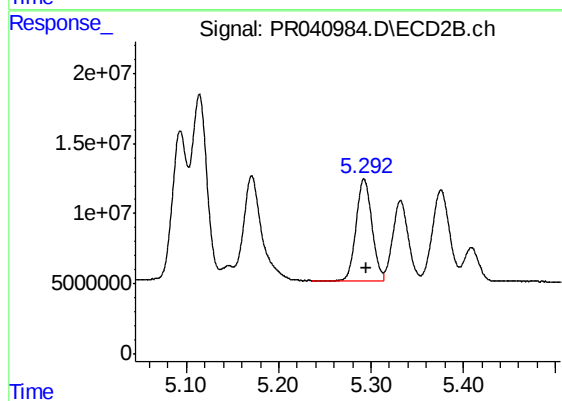
#17 AR-1242-2

R.T.: 5.114 min
Delta R.T.: -0.003 min
Response: 152747440
Conc: 638.23 ng/ml



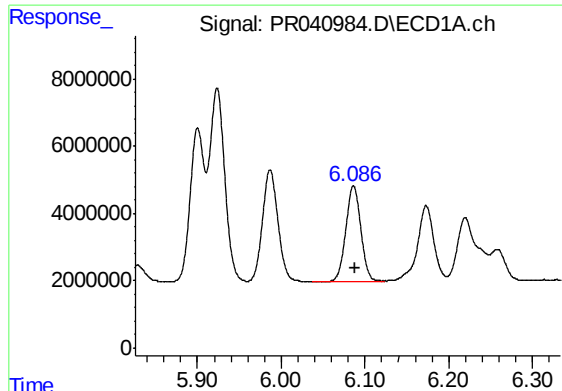
#18 AR-1242-3

R.T.: 5.987 min
Delta R.T.: -0.002 min
Response: 42410577
Conc: 670.06 ng/ml



#18 AR-1242-3

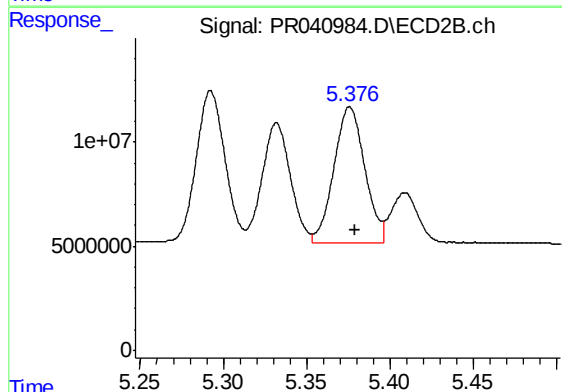
R.T.: 5.293 min
Delta R.T.: -0.003 min
Response: 87044861
Conc: 641.13 ng/ml



#19 AR-1242-4

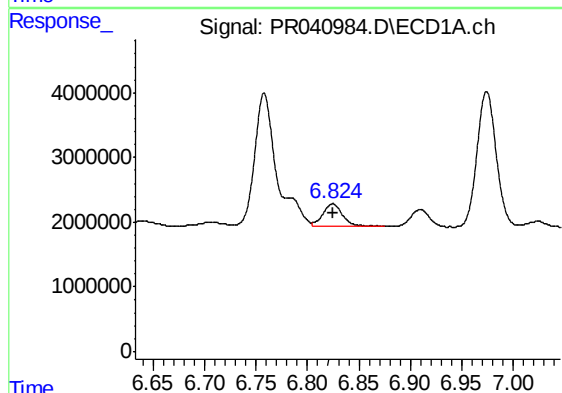
R.T.: 6.086 min
Delta R.T.: -0.002 min
Response: 35078242
Conc: 663.83 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AE0MSD



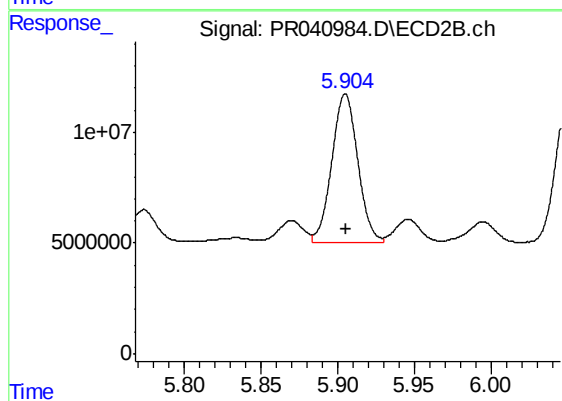
#19 AR-1242-4

R.T.: 5.376 min
Delta R.T.: -0.003 min
Response: 83722610
Conc: 608.85 ng/ml



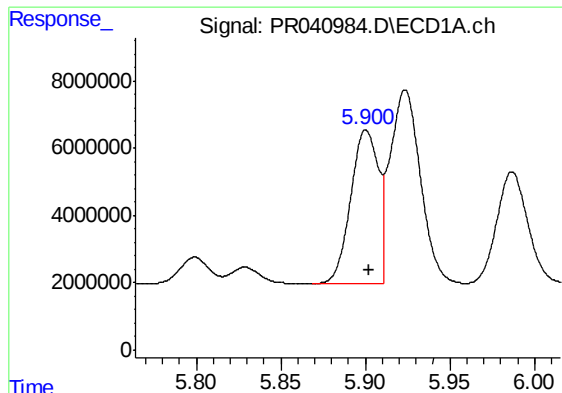
#20 AR-1242-5

R.T.: 6.824 min
Delta R.T.: 0.000 min
Response: 4356480
Conc: 69.14 ng/ml



#20 AR-1242-5

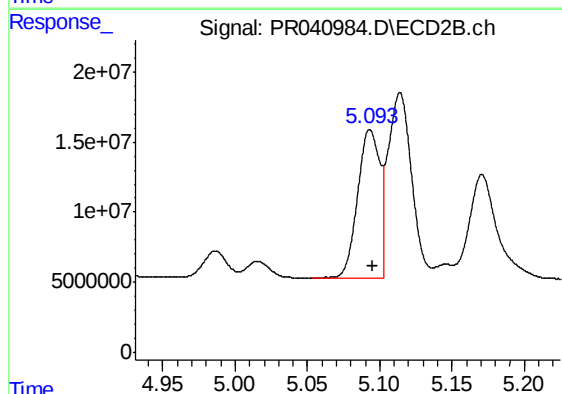
R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 78966674
Conc: 344.31 ng/ml



#21 AR-1248-1

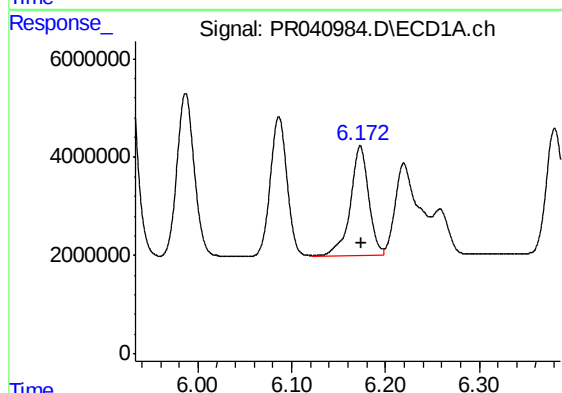
R.T.: 5.900 min
Delta R.T.: -0.001 min
Response: 51771339
Conc: 884.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AE0MSD



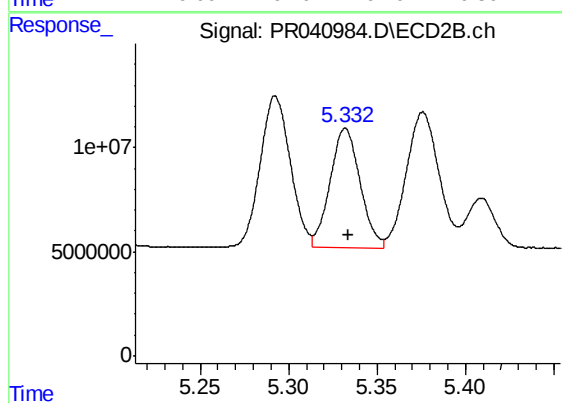
#21 AR-1248-1

R.T.: 5.093 min
Delta R.T.: -0.002 min
Response: 111981122
Conc: 808.27 ng/ml



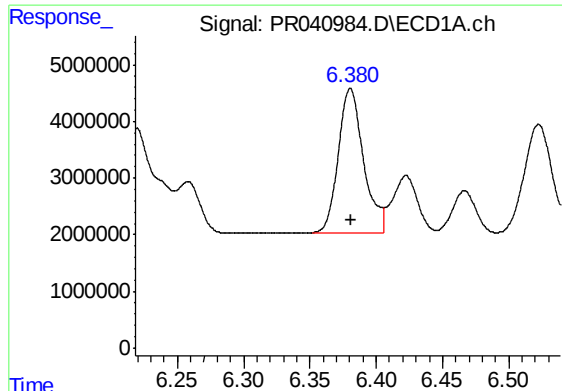
#22 AR-1248-2

R.T.: 6.173 min
Delta R.T.: -0.001 min
Response: 30152264
Conc: 361.57 ng/ml



#22 AR-1248-2

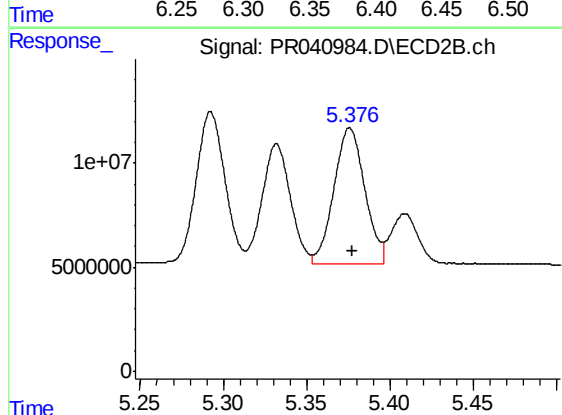
R.T.: 5.332 min
Delta R.T.: -0.002 min
Response: 67581622
Conc: 343.59 ng/ml



#23 AR-1248-3

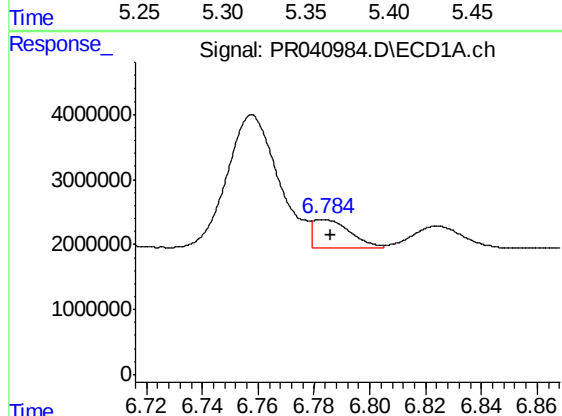
R.T.: 6.381 min
Delta R.T.: 0.000 min
Response: 33859792
Conc: 358.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AE0MSD



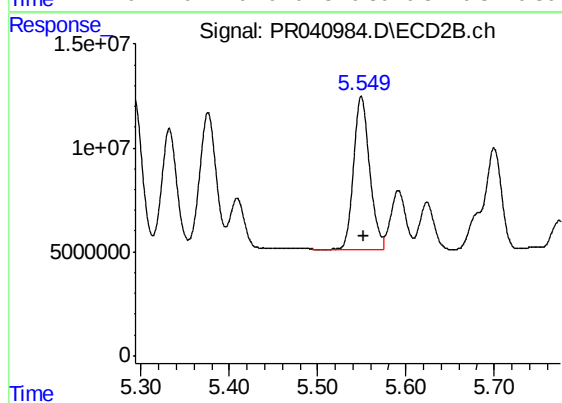
#23 AR-1248-3

R.T.: 5.376 min
Delta R.T.: -0.002 min
Response: 83722610
Conc: 412.07 ng/ml



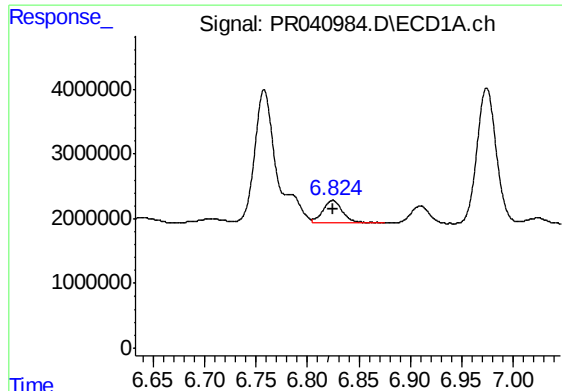
#24 AR-1248-4

R.T.: 6.783 min
Delta R.T.: -0.002 min
Response: 3992661
Conc: 34.16 ng/ml



#24 AR-1248-4

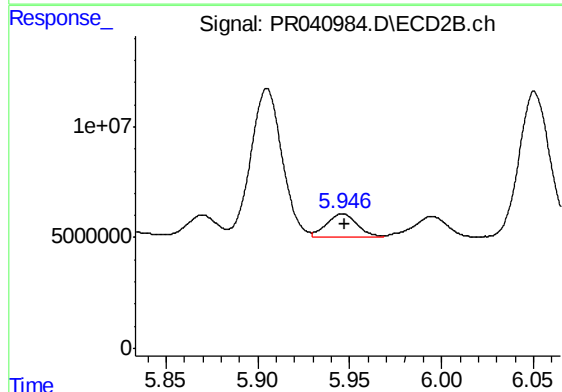
R.T.: 5.550 min
Delta R.T.: -0.002 min
Response: 92512159
Conc: 350.92 ng/ml



#25 AR-1248-5

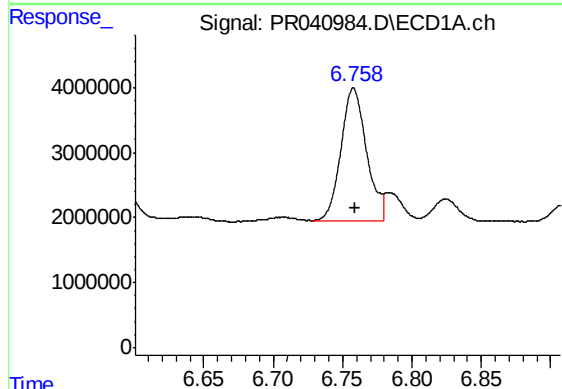
R.T.: 6.824 min
Delta R.T.: 0.000 min
Response: 4356480
Conc: 39.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AE0MSD



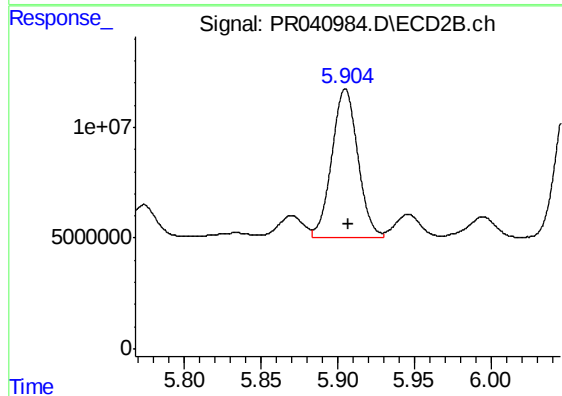
#25 AR-1248-5

R.T.: 5.946 min
Delta R.T.: -0.002 min
Response: 12037851
Conc: 38.09 ng/ml



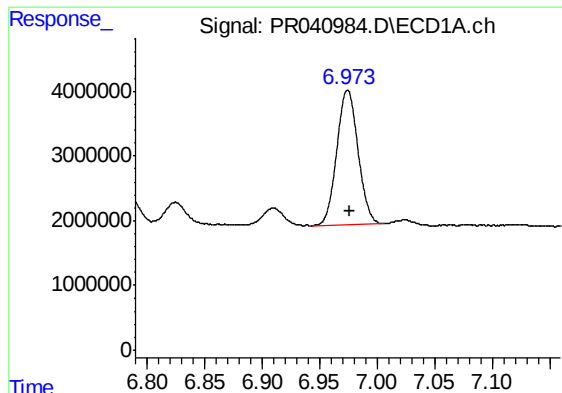
#26 AR-1254-1

R.T.: 6.758 min
Delta R.T.: -0.001 min
Response: 26088516
Conc: 212.83 ng/ml



#26 AR-1254-1

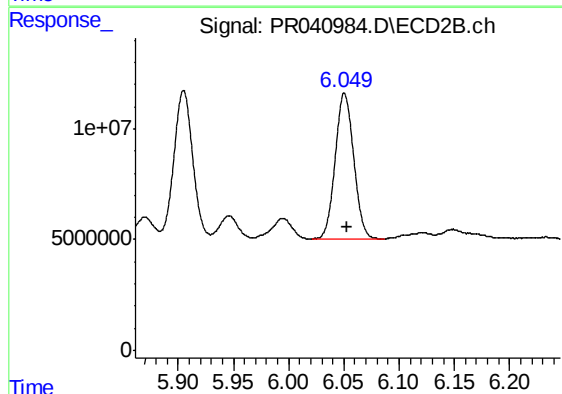
R.T.: 5.905 min
Delta R.T.: -0.002 min
Response: 78966674
Conc: 164.94 ng/ml



#27 AR-1254-2

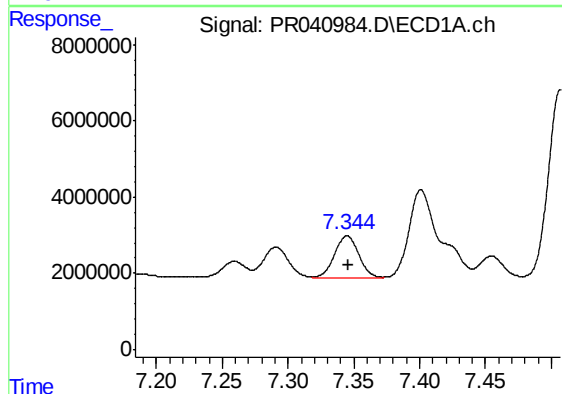
R.T.: 6.974 min
Delta R.T.: -0.002 min
Response: 26683242
Conc: 139.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AE0MSD



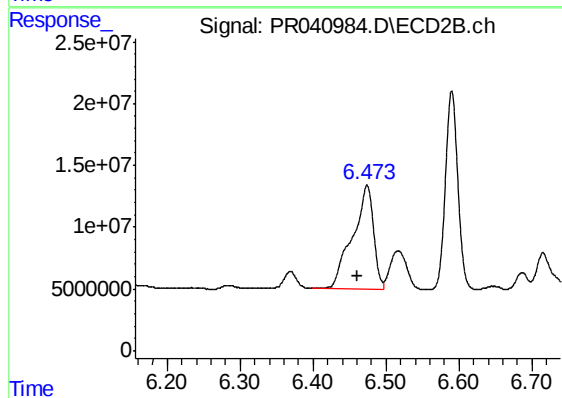
#27 AR-1254-2

R.T.: 6.051 min
Delta R.T.: -0.003 min
Response: 77356275
Conc: 175.19 ng/ml



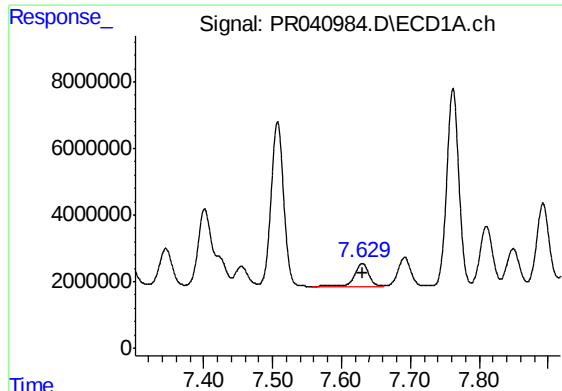
#28 AR-1254-3

R.T.: 7.345 min
Delta R.T.: -0.001 min
Response: 14117103
Conc: 65.23 ng/ml



#28 AR-1254-3

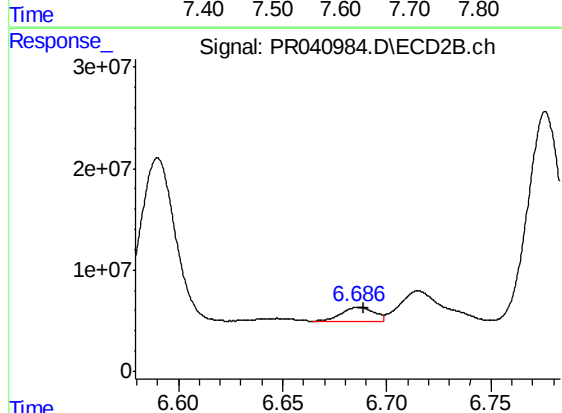
R.T.: 6.474 min
Delta R.T.: 0.012 min
Response: 167454416
Conc: 222.60 ng/ml



#29 AR-1254-4

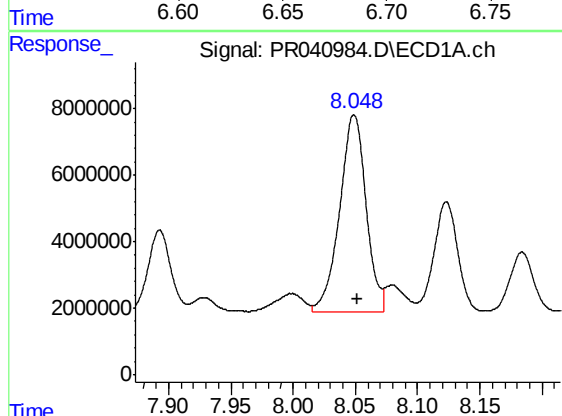
R.T.: 7.630 min
Delta R.T.: 0.000 min
Response: 10141976
Conc: 62.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AE0MSD



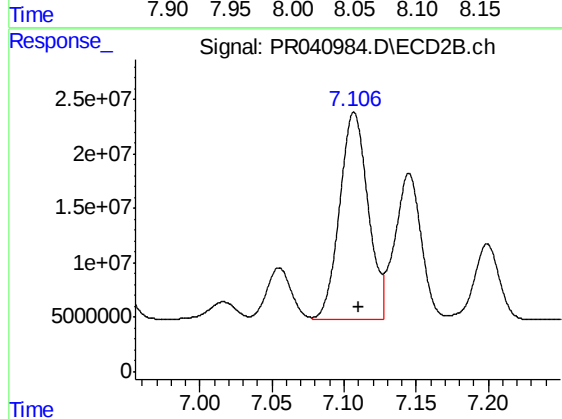
#29 AR-1254-4

R.T.: 6.686 min
Delta R.T.: -0.003 min
Response: 15490918
Conc: 29.62 ng/ml



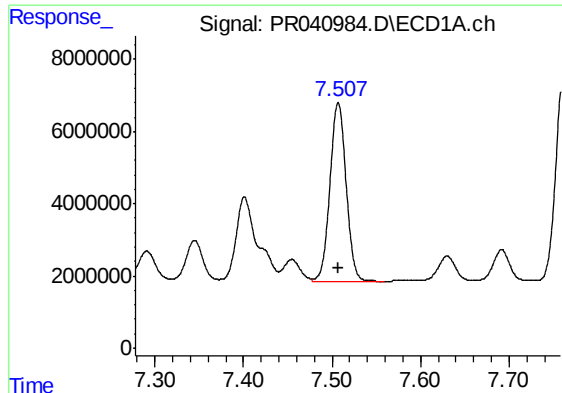
#30 AR-1254-5

R.T.: 8.049 min
Delta R.T.: -0.003 min
Response: 87603484
Conc: 479.60 ng/ml



#30 AR-1254-5

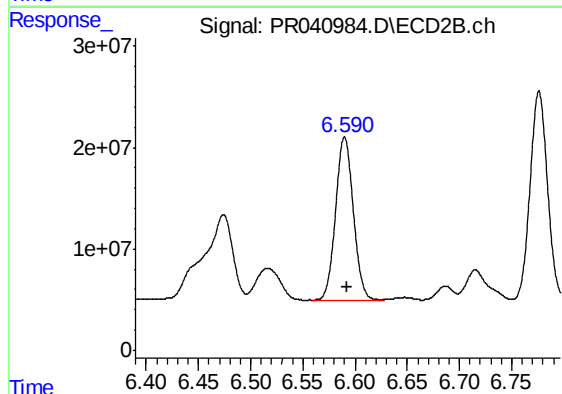
R.T.: 7.107 min
Delta R.T.: -0.004 min
Response: 261051846
Conc: 408.60 ng/ml



#31 AR-1260-1

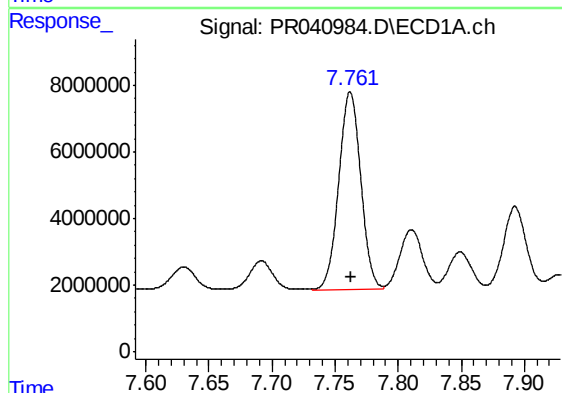
R.T.: 7.507 min
Delta R.T.: 0.000 min
Response: 62798085
Conc: 406.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AE0MSD



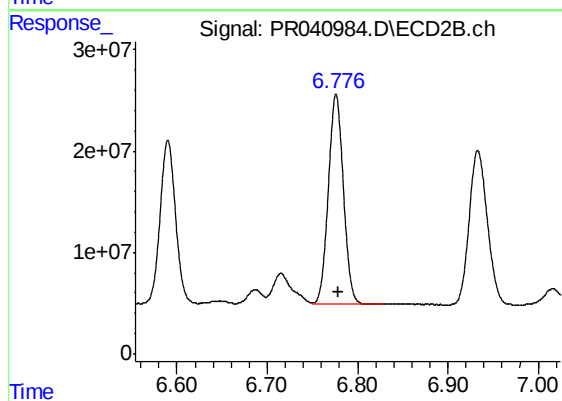
#31 AR-1260-1

R.T.: 6.590 min
Delta R.T.: -0.002 min
Response: 190303020
Conc: 373.55 ng/ml



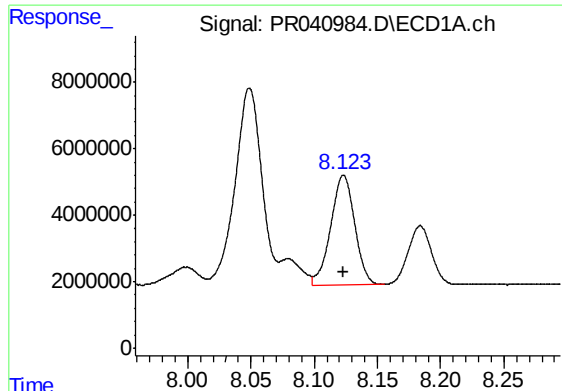
#32 AR-1260-2

R.T.: 7.762 min
Delta R.T.: 0.000 min
Response: 72042504
Conc: 391.61 ng/ml



#32 AR-1260-2

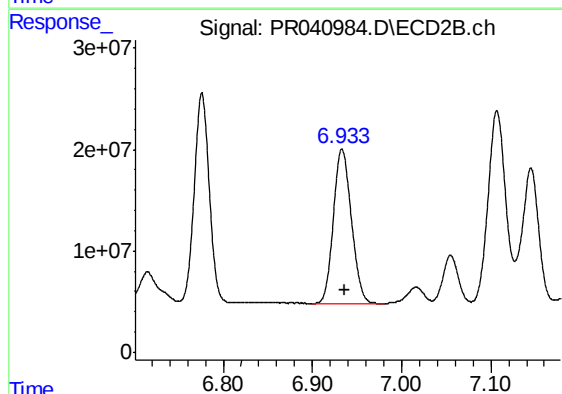
R.T.: 6.776 min
Delta R.T.: -0.002 min
Response: 239811559
Conc: 377.23 ng/ml



#33 AR-1260-3

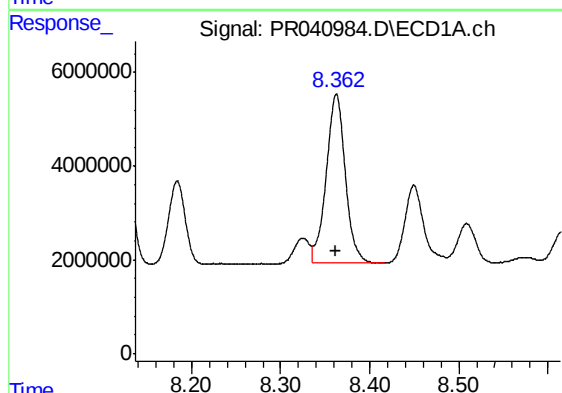
R.T.: 8.123 min
Delta R.T.: 0.000 min
Response: 43571419
Conc: 313.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AE0MSD



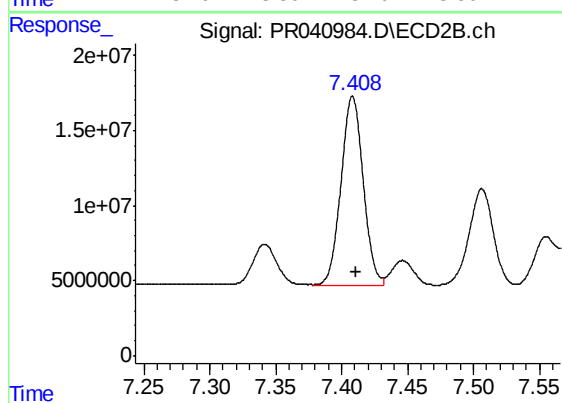
#33 AR-1260-3

R.T.: 6.933 min
Delta R.T.: -0.002 min
Response: 213169979
Conc: 369.60 ng/ml



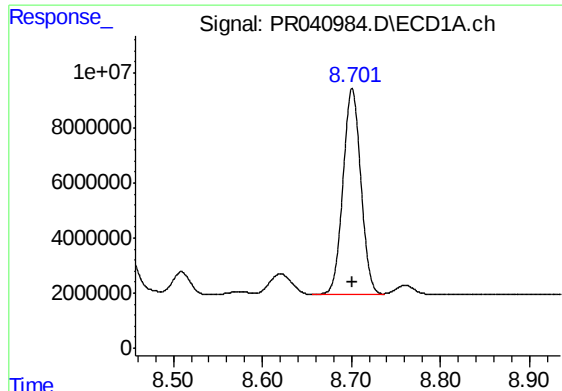
#34 AR-1260-4

R.T.: 8.363 min
Delta R.T.: 0.000 min
Response: 53873087
Conc: 331.33 ng/ml



#34 AR-1260-4

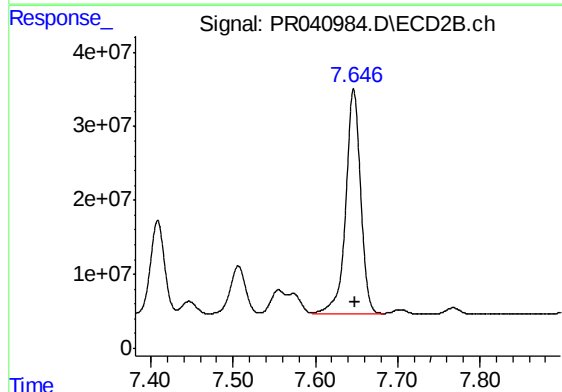
R.T.: 7.408 min
Delta R.T.: -0.002 min
Response: 147110862
Conc: 297.97 ng/ml



#35 AR-1260-5

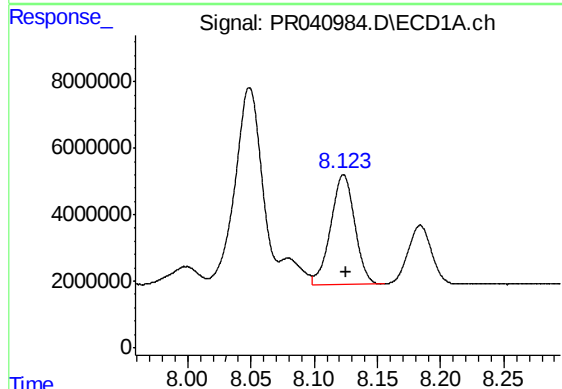
R.T.: 8.701 min
Delta R.T.: 0.000 min
Response: 104694273
Conc: 306.28 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AE0MSD



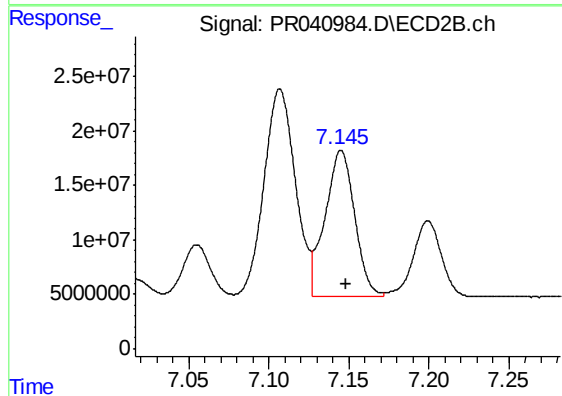
#35 AR-1260-5

R.T.: 7.647 min
Delta R.T.: -0.002 min
Response: 383504269
Conc: 294.76 ng/ml



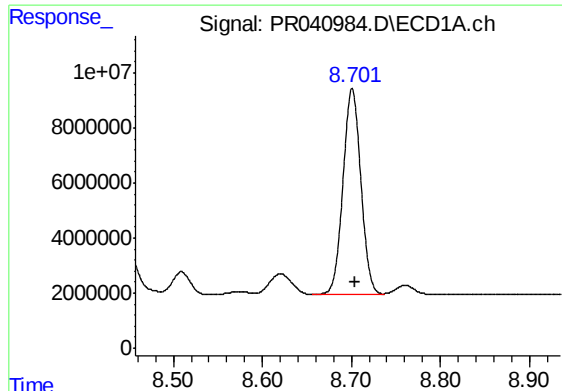
#36 AR-1262-1

R.T.: 8.123 min
Delta R.T.: -0.002 min
Response: 43571419
Conc: 192.23 ng/ml



#36 AR-1262-1

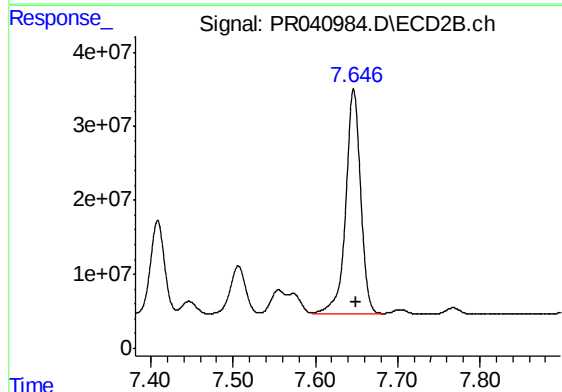
R.T.: 7.145 min
Delta R.T.: -0.003 min
Response: 173424402
Conc: 211.61 ng/ml



#37 AR-1262-2

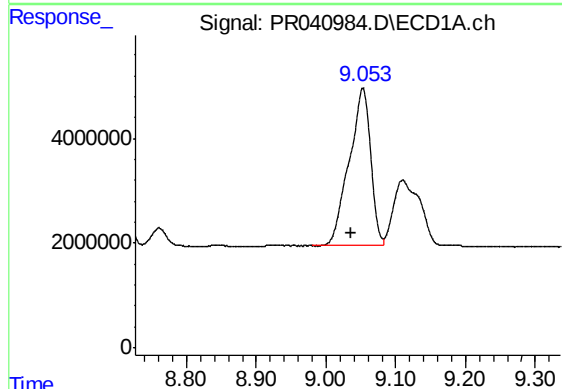
R.T.: 8.701 min
Delta R.T.: -0.002 min
Response: 104694273
Conc: 238.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AE0MSD



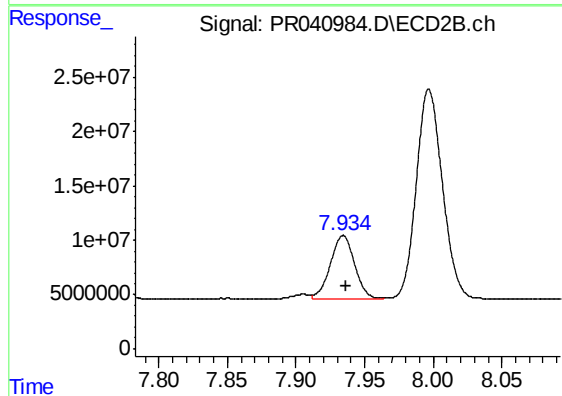
#37 AR-1262-2

R.T.: 7.647 min
Delta R.T.: -0.003 min
Response: 383504269
Conc: 245.78 ng/ml



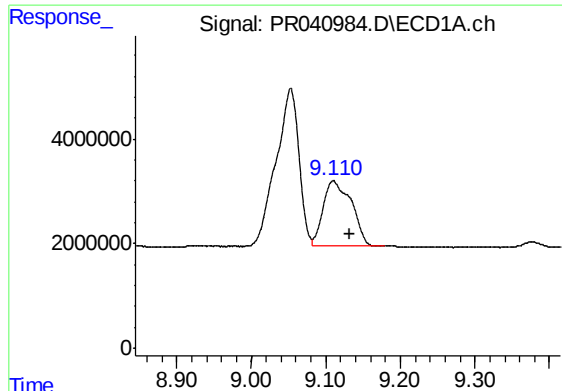
#38 AR-1262-3

R.T.: 9.053 min
Delta R.T.: 0.018 min
Response: 64914581
Conc: 231.23 ng/ml



#38 AR-1262-3

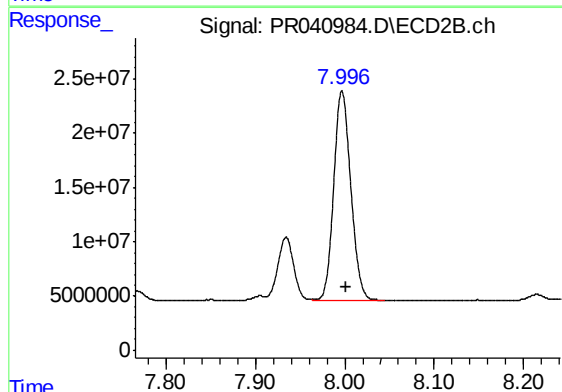
R.T.: 7.934 min
Delta R.T.: -0.002 min
Response: 71191276
Conc: 117.89 ng/ml



#39 AR-1262-4

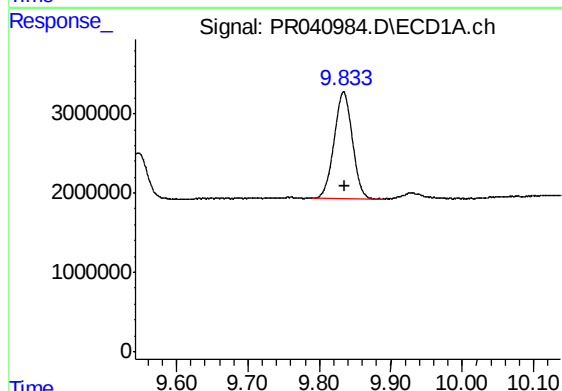
R.T.: 9.110 min
Delta R.T.: -0.023 min
Response: 33128674
Conc: 163.03 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AE0MSD



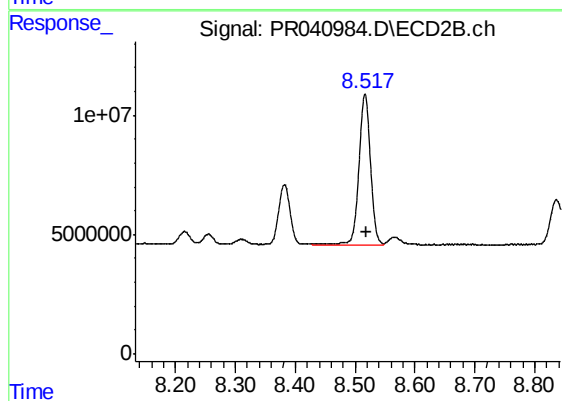
#39 AR-1262-4

R.T.: 7.997 min
Delta R.T.: -0.005 min
Response: 255225110
Conc: 228.88 ng/ml



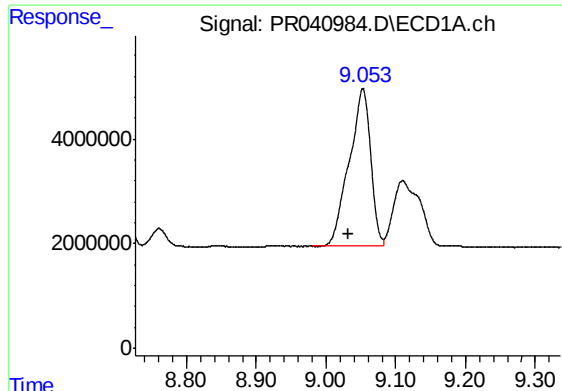
#40 AR-1262-5

R.T.: 9.834 min
Delta R.T.: -0.001 min
Response: 23580071
Conc: 162.46 ng/ml



#40 AR-1262-5

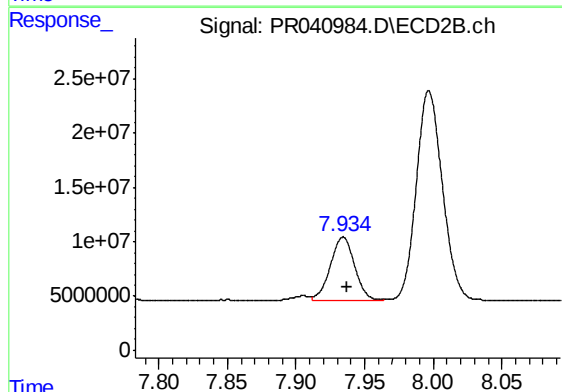
R.T.: 8.517 min
Delta R.T.: -0.003 min
Response: 84479392
Conc: 161.67 ng/ml



#41 AR-1268-1

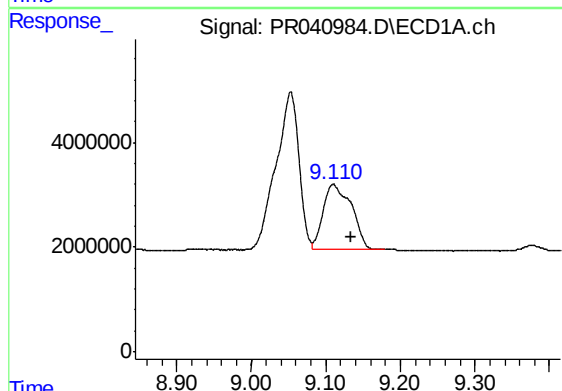
R.T.: 9.053 min
Delta R.T.: 0.020 min
Response: 64914581
Conc: 145.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AE0MSD



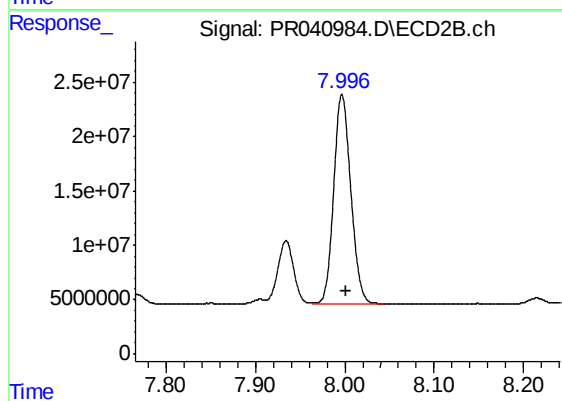
#41 AR-1268-1

R.T.: 7.934 min
Delta R.T.: -0.003 min
Response: 71191276
Conc: 44.40 ng/ml



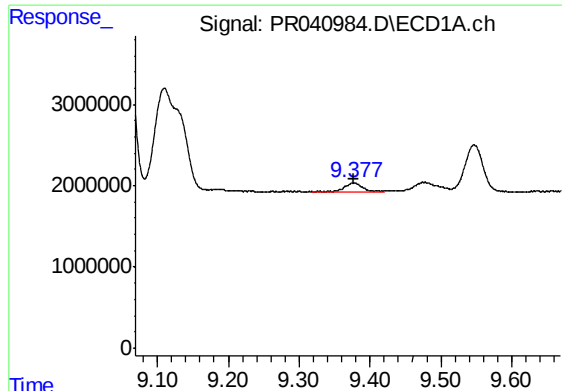
#42 AR-1268-2

R.T.: 9.110 min
Delta R.T.: -0.024 min
Response: 33128674
Conc: 81.14 ng/ml



#42 AR-1268-2

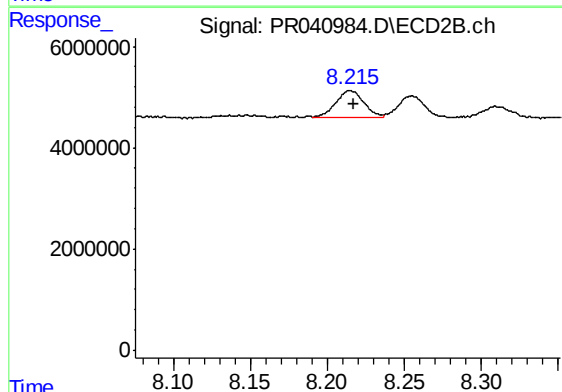
R.T.: 7.997 min
Delta R.T.: -0.004 min
Response: 255225110
Conc: 170.78 ng/ml



#43 AR-1268-3

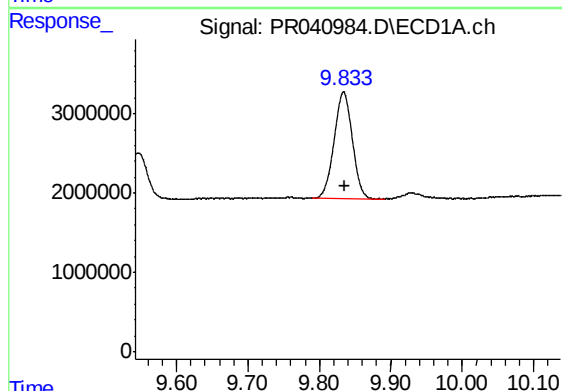
R.T.: 9.377 min
Delta R.T.: -0.001 min
Response: 1635328
Conc: 4.83 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AE0MSD



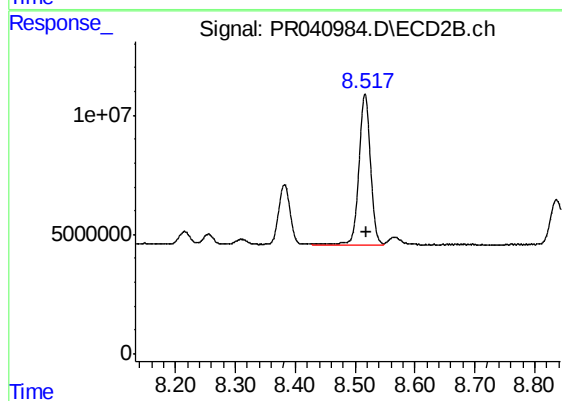
#43 AR-1268-3

R.T.: 8.215 min
Delta R.T.: -0.003 min
Response: 6614783
Conc: 5.29 ng/ml



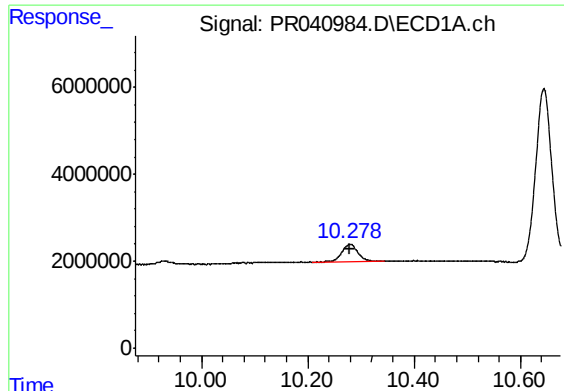
#44 AR-1268-4

R.T.: 9.834 min
Delta R.T.: 0.000 min
Response: 23580071
Conc: 164.41 ng/ml



#44 AR-1268-4

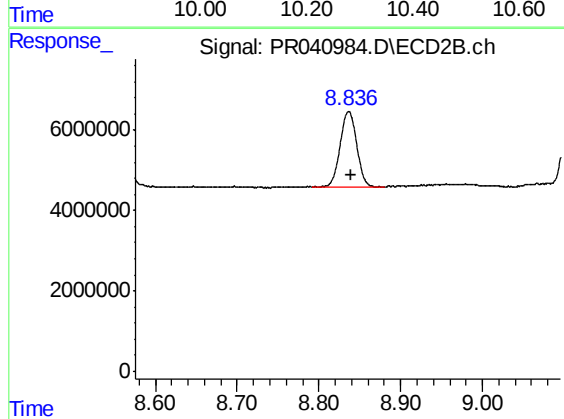
R.T.: 8.517 min
Delta R.T.: -0.002 min
Response: 84479392
Conc: 162.22 ng/ml



#45 AR-1268-5

R.T.: 10.279 min
Delta R.T.: 0.000 min
Response: 8142396
Conc: 7.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AE0MSD



#45 AR-1268-5

R.T.: 8.837 min
Delta R.T.: -0.002 min
Response: 26724092
Conc: 7.24 ng/ml