

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121319\
 Data File : PR043786.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Dec 2019 10:08
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660373

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 13 10:27:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR120419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 07 03:51:56 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...	4.705	3.961	126.1E6	158.4E6	22.687	20.500
2)	SA Decachlor...	10.614	9.053	162.1E6	352.8E6	43.046	35.650
Target Compounds							
3)	L1 AR-1016-1	5.884	5.055	88056701	164.9E6	454.783	404.385
4)	L1 AR-1016-2	5.906	5.074	124.7E6	232.9E6	455.488	416.883
5)	L1 AR-1016-3	5.969	5.253	77880813	124.4E6	472.907	416.496
6)	L1 AR-1016-4	6.070	5.292	68772584	99637525	499.368	414.230
7)	L1 AR-1016-5	6.364	5.509	75796127	140.1E6	548.536	441.230
8)	L2 AR-1221-1	4.909	4.171	8229592	8833399	143.457	103.609 #
9)	L2 AR-1221-2	5.003	4.260	9991878	12401105	244.500	202.572
10)	L2 AR-1221-3	5.081	4.336	40207918	59566930	292.549	272.655
11)	L3 AR-1232-1	5.081	4.336	40207918	59566930	374.062	353.112
12)	L3 AR-1232-2	5.615	5.074	59084194	232.9E6	1067.543	997.909
13)	L3 AR-1232-3	5.906	5.253	124.7E6	124.4E6	1099.858	1016.827
14)	L3 AR-1232-4	6.070	5.336	68772584	120.6E6	1183.185	1136.513
15)	L3 AR-1232-5	6.156	5.509	62276782	140.1E6	1394.801	1170.068
16)	L4 AR-1242-1	5.884	5.055	88056701	164.9E6	541.701	498.628
17)	L4 AR-1242-2	5.906	5.074	124.7E6	232.9E6	546.727	509.370
18)	L4 AR-1242-3	5.969	5.253	77880813	124.4E6	566.204	510.561
19)	L4 AR-1242-4	6.070	5.336	68772584	120.6E6	599.128	512.114
20)	L4 AR-1242-5	6.808	5.862	24748847	147.2E6	194.567	431.819 #
21)	L5 AR-1248-1	5.884	5.055	88056701	164.9E6	741.886	673.747
22)	L5 AR-1248-2	6.156	5.292	62276782	99637525	382.248	307.262
23)	L5 AR-1248-3	6.364	5.336	75796127	120.6E6	417.444	366.310
24)	L5 AR-1248-4	6.767	5.509	16858684	140.1E6	80.533	337.925 #
25)	L5 AR-1248-5	6.808	5.902	24748847	44820848	124.657	100.845
26)	L6 AR-1254-1	6.741	5.862	65706425	147.2E6	300.619	206.612 #
27)	L6 AR-1254-2	6.957	6.009	50992372	144.2E6	151.218	225.419 #
28)	L6 AR-1254-3	7.329	6.429	38390408	243.2E6	109.758	240.203 #
29)	L6 AR-1254-4	7.614	6.643	17832140	33978920	71.363	47.188 #
30)	L6 AR-1254-5	8.033	7.062	145.0E6	318.3E6	562.616	373.595 #
31)	L7 AR-1260-1	7.491	6.545	114.8E6	259.2E6	460.635	382.581
32)	L7 AR-1260-2	7.745	6.733	125.0E6	378.9E6	420.849	391.120
33)	L7 AR-1260-3	8.107	6.888	92432756	314.6E6	417.220	402.790
34)	L7 AR-1260-4	8.345	7.361	104.5E6	252.0E6	415.337	397.280
35)	L7 AR-1260-5	8.682	7.601	205.8E6	662.9E6	426.817	389.463
36)	L8 AR-1262-1	8.167	7.062	46577709	318.3E6	349.877	643.610 #
37)	L8 AR-1262-2	8.682	7.601	205.8E6	662.9E6	361.338	348.429
38)	L8 AR-1262-3	9.034	7.885	122.6E6	141.9E6	338.659	186.055 #
39)	L8 AR-1262-4	9.091	7.950	75940668	415.3E6	285.320	334.562
40)	L8 AR-1262-5	9.811	8.464	56222751	145.9E6	298.571	256.040
41)	L9 AR-1268-1	9.034	7.885	122.6E6	141.9E6	191.598	66.131 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121319\
 Data File : PR043786.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Dec 2019 10:08
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

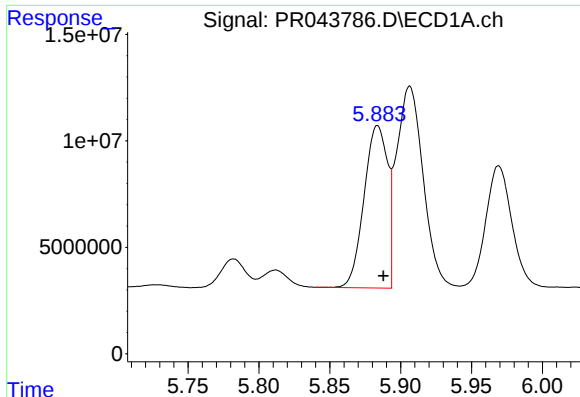
Instrument :
 ECD_R
 ClientSampleId :
 AR1660373

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 13 10:27:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR120419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 07 03:51:56 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
42) L9	AR-1268-2	9.091	7.950	75940668	415.3E6	131.802	228.896 #
43) L9	AR-1268-3	9.354	8.161	3972419	27235392	8.438	17.689 #
44) L9	AR-1268-4	9.811	8.464	56222751	145.9E6	275.171	237.968
45) L9	AR-1268-5	10.253	8.778	17075134	38547995	10.919	9.111

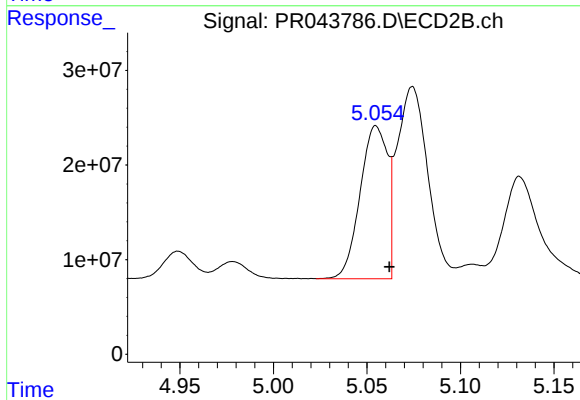
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

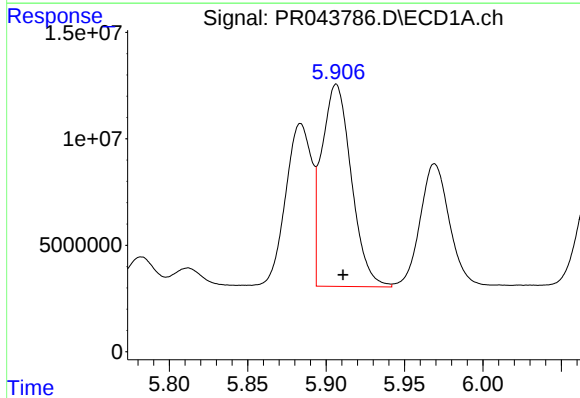
R.T.: 5.884 min
Delta R.T.: -0.004 min
Response: 88056701
Conc: 454.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660373



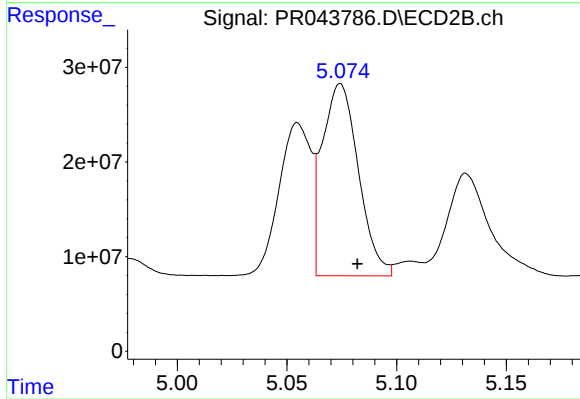
#3 AR-1016-1

R.T.: 5.055 min
Delta R.T.: -0.007 min
Response: 164865757
Conc: 404.38 ng/ml



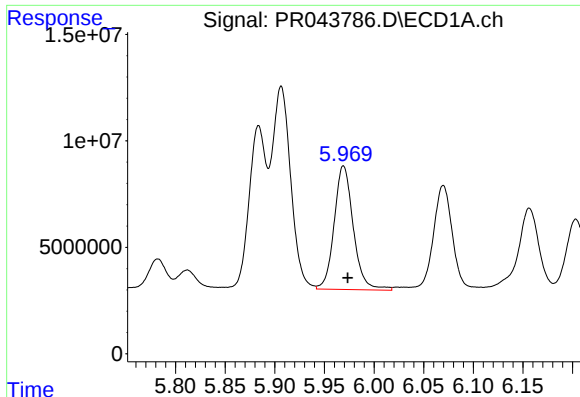
#4 AR-1016-2

R.T.: 5.906 min
Delta R.T.: -0.004 min
Response: 124718354
Conc: 455.49 ng/ml



#4 AR-1016-2

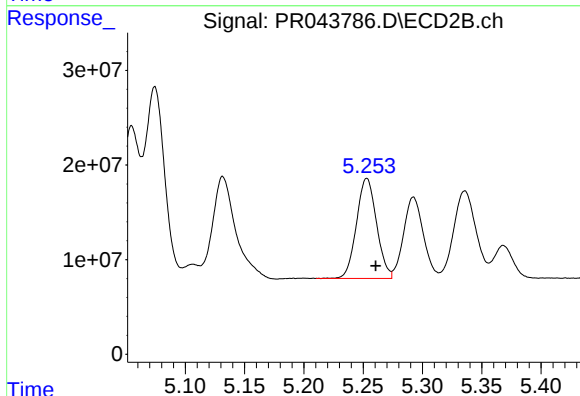
R.T.: 5.074 min
Delta R.T.: -0.008 min
Response: 232857654
Conc: 416.88 ng/ml



#5 AR-1016-3

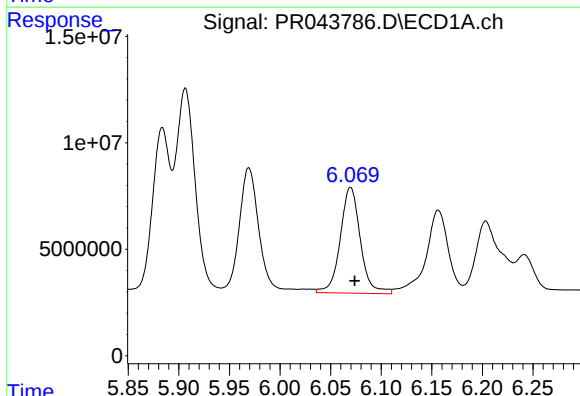
R.T.: 5.969 min
Delta R.T.: -0.004 min
Response: 77880813
Conc: 472.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660373



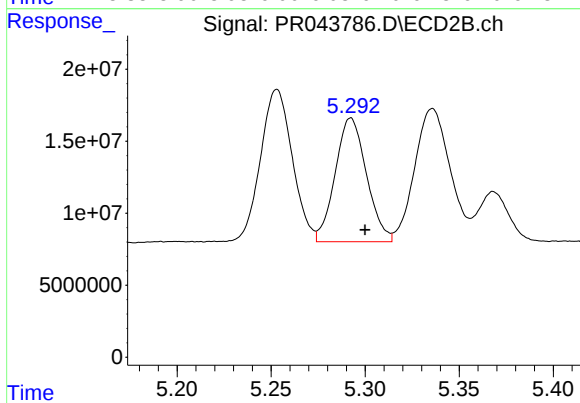
#5 AR-1016-3

R.T.: 5.253 min
Delta R.T.: -0.007 min
Response: 124431586
Conc: 416.50 ng/ml



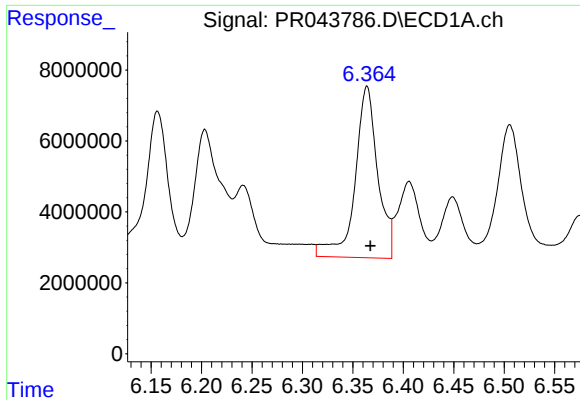
#6 AR-1016-4

R.T.: 6.070 min
Delta R.T.: -0.004 min
Response: 68772584
Conc: 499.37 ng/ml



#6 AR-1016-4

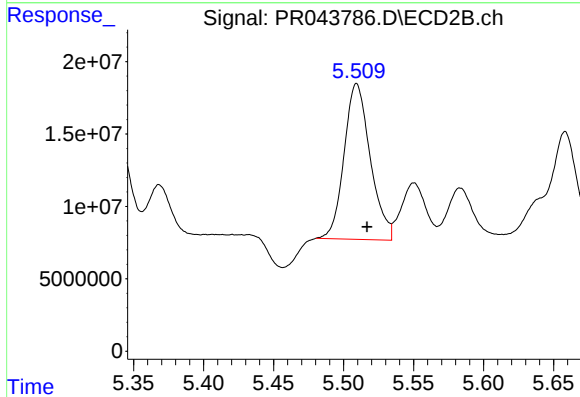
R.T.: 5.292 min
Delta R.T.: -0.008 min
Response: 99637525
Conc: 414.23 ng/ml



#7 AR-1016-5

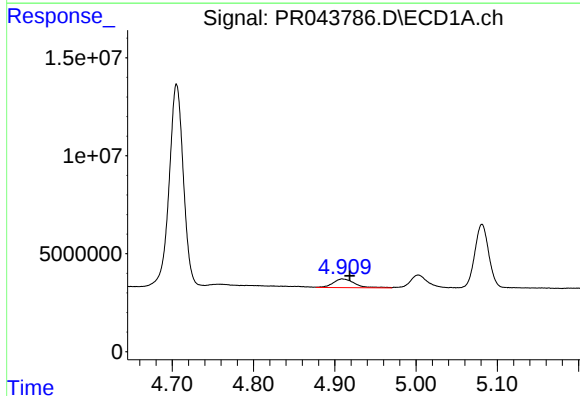
R.T.: 6.364 min
Delta R.T.: -0.003 min
Response: 75796127
Conc: 548.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660373



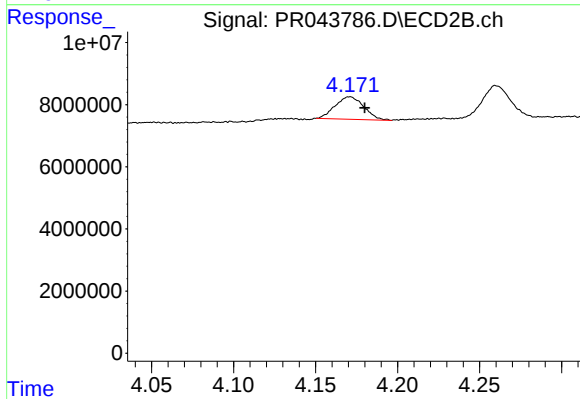
#7 AR-1016-5

R.T.: 5.509 min
Delta R.T.: -0.008 min
Response: 140102629
Conc: 441.23 ng/ml



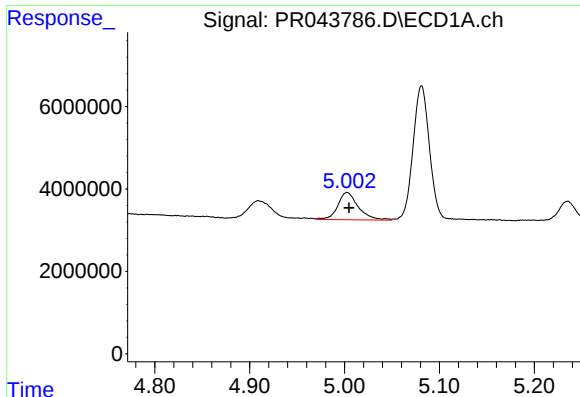
#8 AR-1221-1

R.T.: 4.909 min
Delta R.T.: -0.009 min
Response: 8229592
Conc: 143.46 ng/ml



#8 AR-1221-1

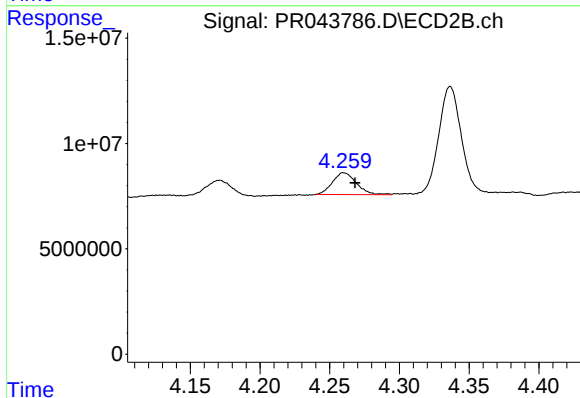
R.T.: 4.171 min
Delta R.T.: -0.009 min
Response: 8833399
Conc: 103.61 ng/ml



#9 AR-1221-2

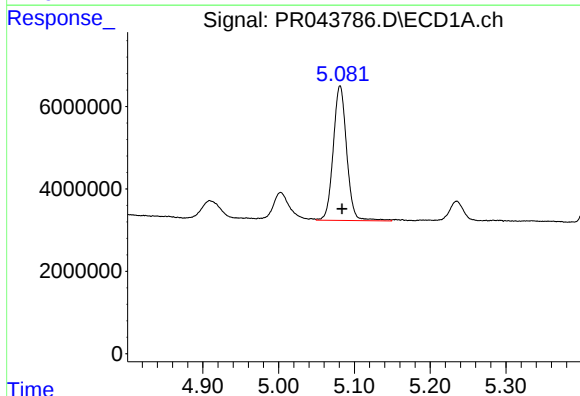
R.T.: 5.003 min
Delta R.T.: -0.002 min
Response: 9991878
Conc: 244.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660373



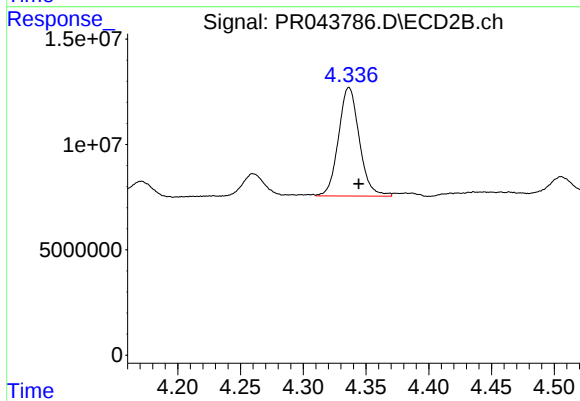
#9 AR-1221-2

R.T.: 4.260 min
Delta R.T.: -0.008 min
Response: 12401105
Conc: 202.57 ng/ml



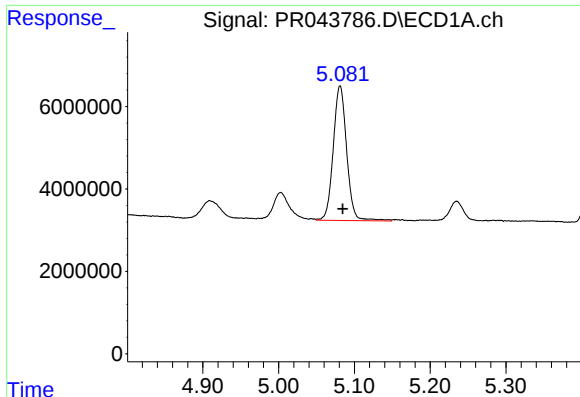
#10 AR-1221-3

R.T.: 5.081 min
Delta R.T.: -0.003 min
Response: 40207918
Conc: 292.55 ng/ml



#10 AR-1221-3

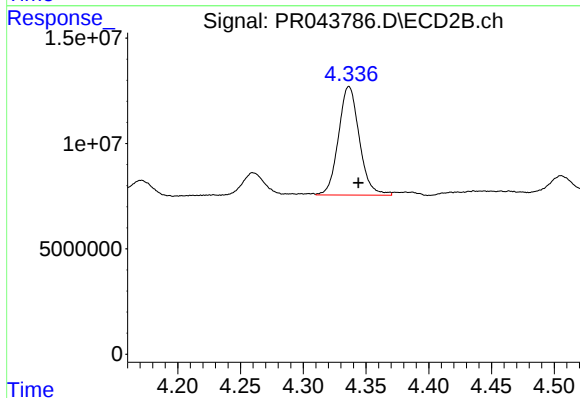
R.T.: 4.336 min
Delta R.T.: -0.008 min
Response: 59566930
Conc: 272.65 ng/ml



#11 AR-1232-1

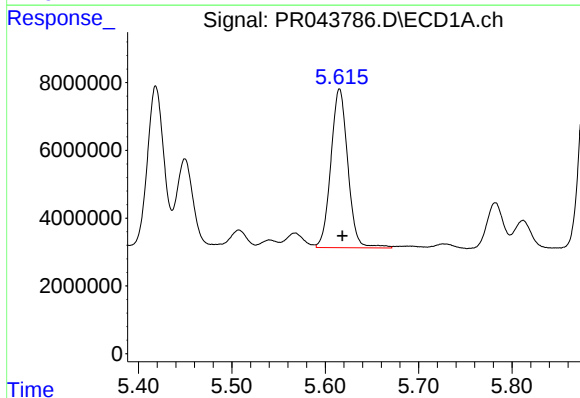
R.T.: 5.081 min
Delta R.T.: -0.003 min
Response: 40207918
Conc: 374.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660373



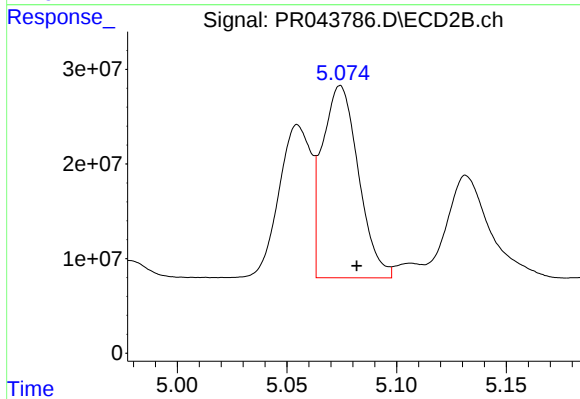
#11 AR-1232-1

R.T.: 4.336 min
Delta R.T.: -0.007 min
Response: 59566930
Conc: 353.11 ng/ml



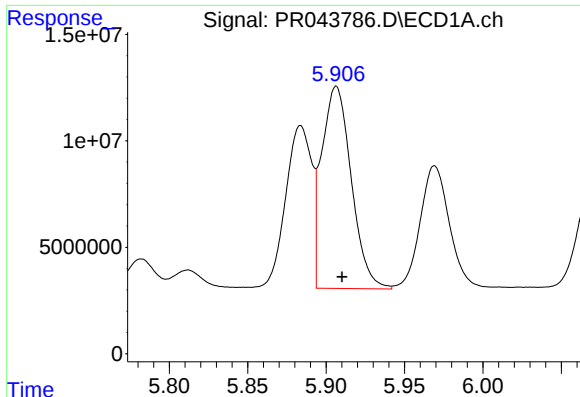
#12 AR-1232-2

R.T.: 5.615 min
Delta R.T.: -0.003 min
Response: 59084194
Conc: 1067.54 ng/ml



#12 AR-1232-2

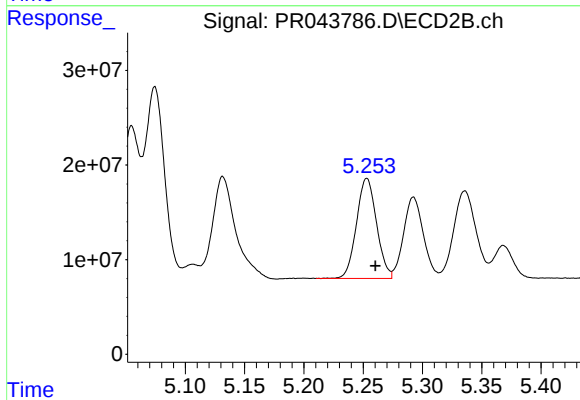
R.T.: 5.074 min
Delta R.T.: -0.007 min
Response: 232857654
Conc: 997.91 ng/ml



#13 AR-1232-3

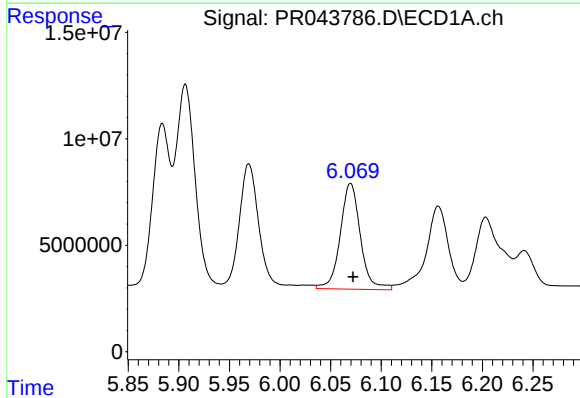
R.T.: 5.906 min
Delta R.T.: -0.004 min
Response: 124718354
Conc: 1099.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660373



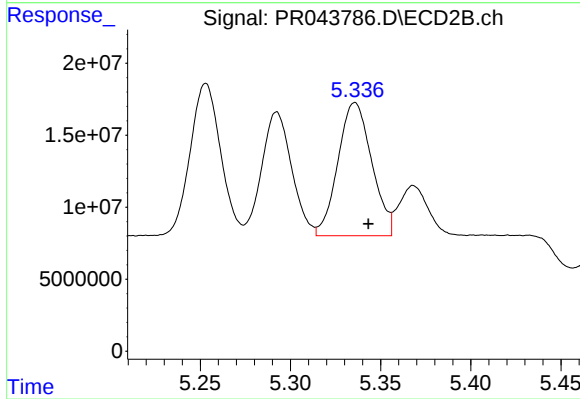
#13 AR-1232-3

R.T.: 5.253 min
Delta R.T.: -0.007 min
Response: 124431586
Conc: 1016.83 ng/ml



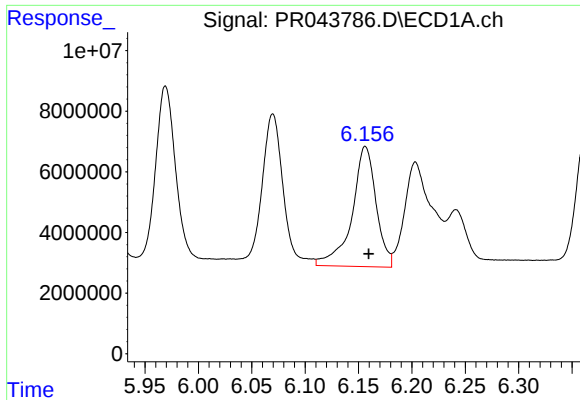
#14 AR-1232-4

R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 68772584
Conc: 1183.19 ng/ml



#14 AR-1232-4

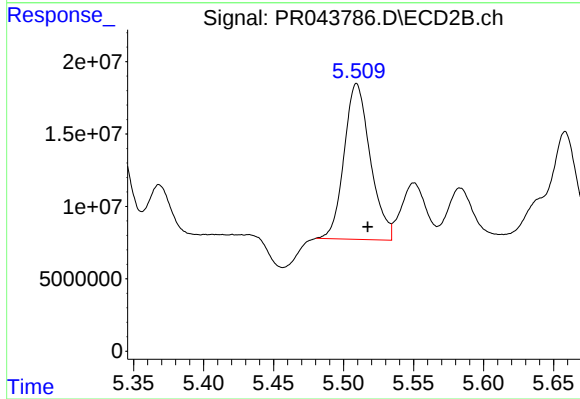
R.T.: 5.336 min
Delta R.T.: -0.007 min
Response: 120641468
Conc: 1136.51 ng/ml



#15 AR-1232-5

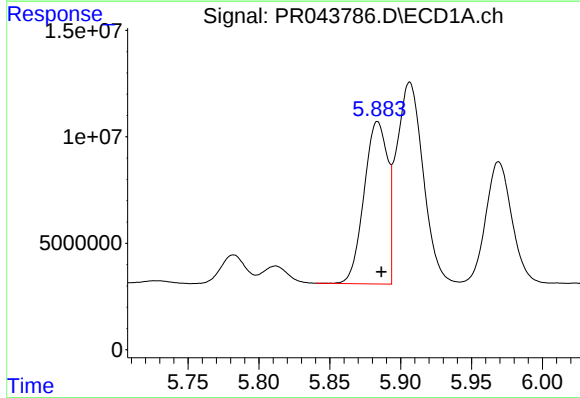
R.T.: 6.156 min
Delta R.T.: -0.003 min
Response: 62276782
Conc: 1394.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660373



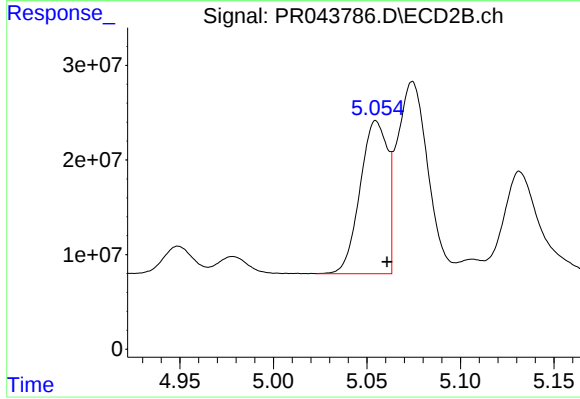
#15 AR-1232-5

R.T.: 5.509 min
Delta R.T.: -0.008 min
Response: 140102629
Conc: 1170.07 ng/ml



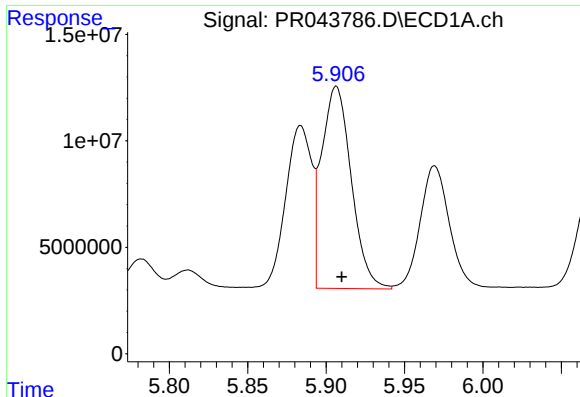
#16 AR-1242-1

R.T.: 5.884 min
Delta R.T.: -0.003 min
Response: 88056701
Conc: 541.70 ng/ml



#16 AR-1242-1

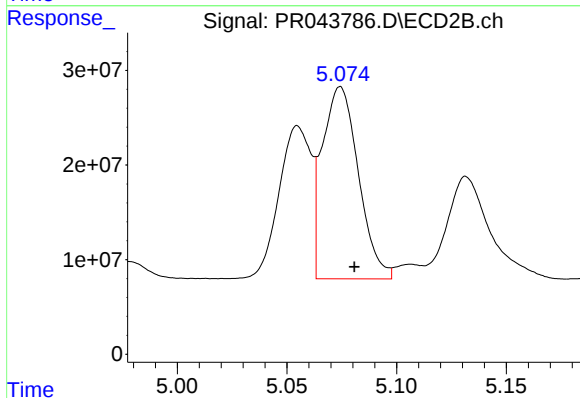
R.T.: 5.055 min
Delta R.T.: -0.006 min
Response: 164865757
Conc: 498.63 ng/ml



#17 AR-1242-2

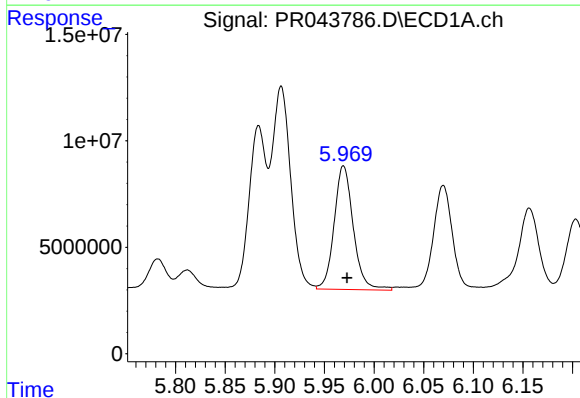
R.T.: 5.906 min
Delta R.T.: -0.004 min
Response: 124718354
Conc: 546.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660373



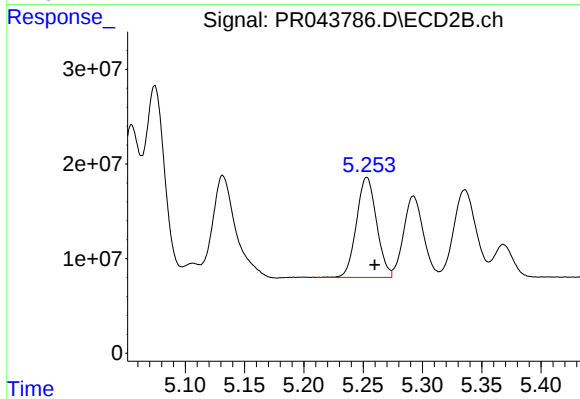
#17 AR-1242-2

R.T.: 5.074 min
Delta R.T.: -0.006 min
Response: 232857654
Conc: 509.37 ng/ml



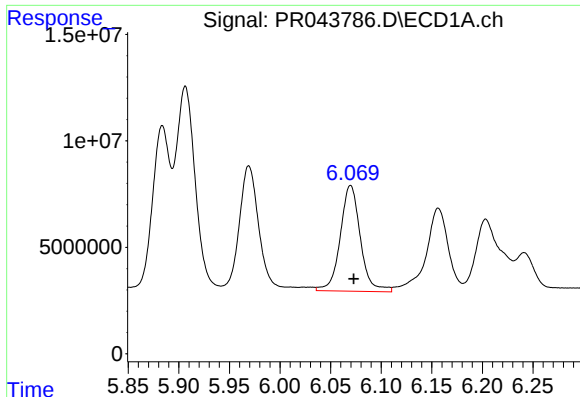
#18 AR-1242-3

R.T.: 5.969 min
Delta R.T.: -0.004 min
Response: 77880813
Conc: 566.20 ng/ml



#18 AR-1242-3

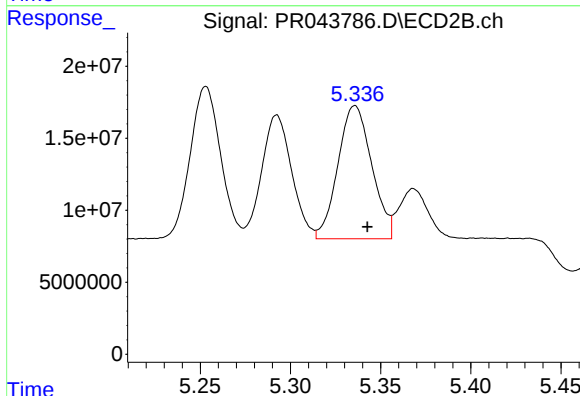
R.T.: 5.253 min
Delta R.T.: -0.007 min
Response: 124431586
Conc: 510.56 ng/ml



#19 AR-1242-4

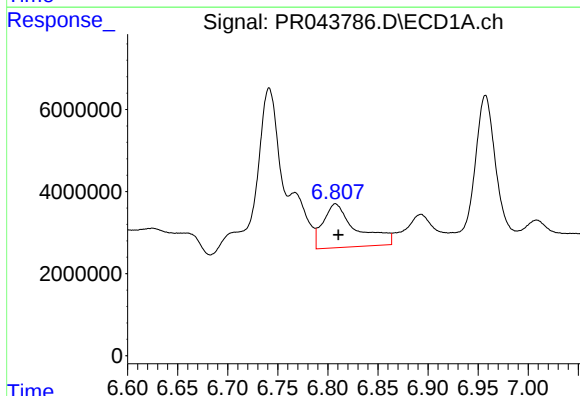
R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 68772584
Conc: 599.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660373



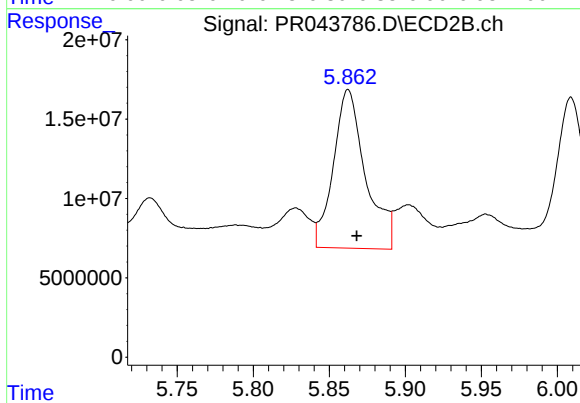
#19 AR-1242-4

R.T.: 5.336 min
Delta R.T.: -0.007 min
Response: 120641468
Conc: 512.11 ng/ml



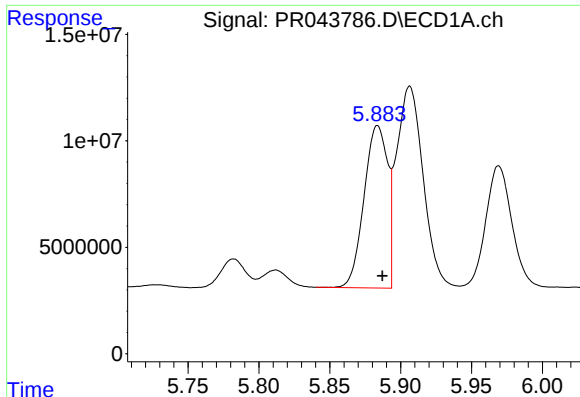
#20 AR-1242-5

R.T.: 6.808 min
Delta R.T.: -0.003 min
Response: 24748847
Conc: 194.57 ng/ml



#20 AR-1242-5

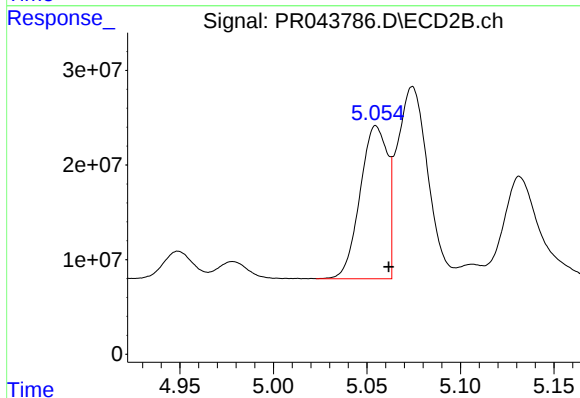
R.T.: 5.862 min
Delta R.T.: -0.005 min
Response: 147204464
Conc: 431.82 ng/ml



#21 AR-1248-1

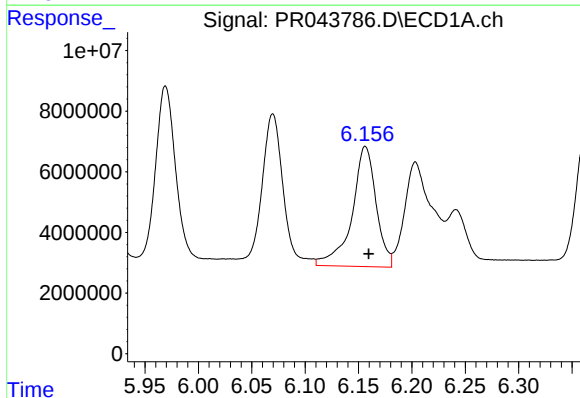
R.T.: 5.884 min
Delta R.T.: -0.003 min
Response: 88056701
Conc: 741.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660373



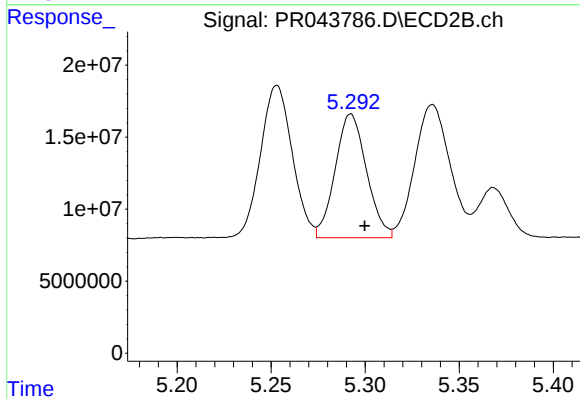
#21 AR-1248-1

R.T.: 5.055 min
Delta R.T.: -0.007 min
Response: 164865757
Conc: 673.75 ng/ml



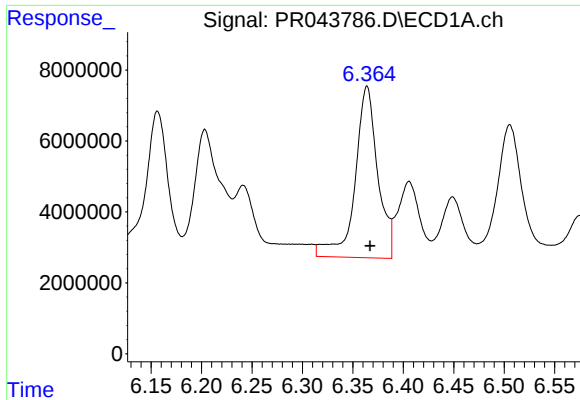
#22 AR-1248-2

R.T.: 6.156 min
Delta R.T.: -0.003 min
Response: 62276782
Conc: 382.25 ng/ml



#22 AR-1248-2

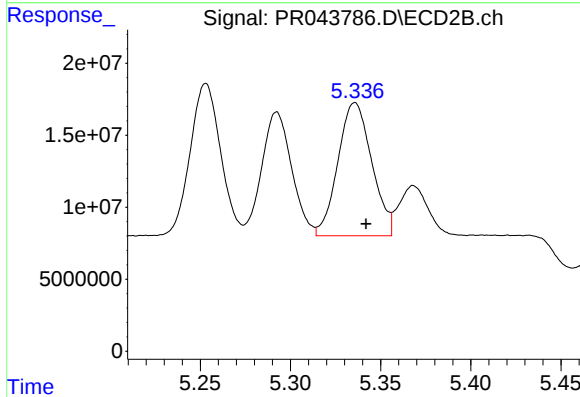
R.T.: 5.292 min
Delta R.T.: -0.007 min
Response: 99637525
Conc: 307.26 ng/ml



#23 AR-1248-3

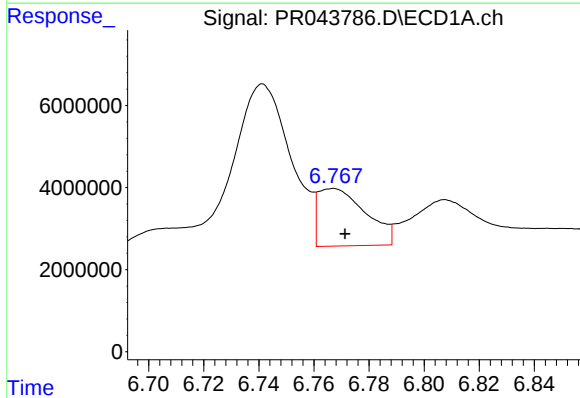
R.T.: 6.364 min
Delta R.T.: -0.003 min
Response: 75796127
Conc: 417.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660373



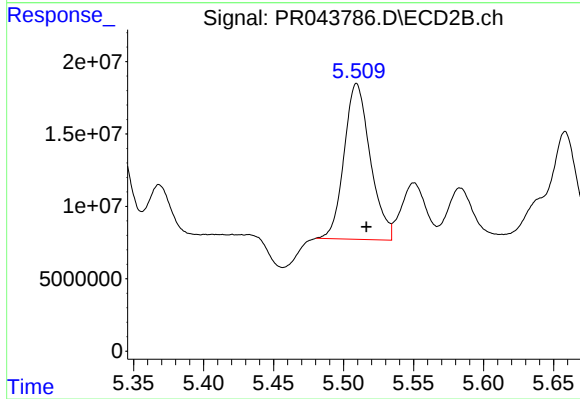
#23 AR-1248-3

R.T.: 5.336 min
Delta R.T.: -0.006 min
Response: 120641468
Conc: 366.31 ng/ml



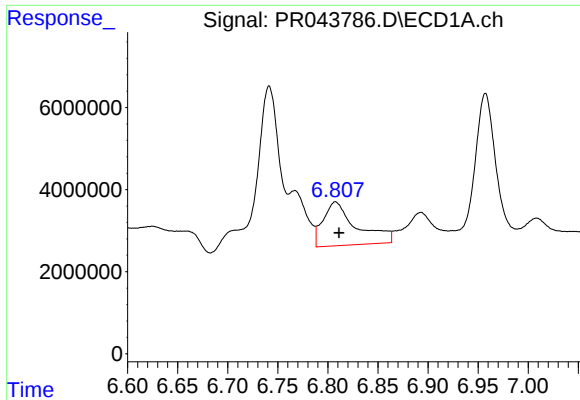
#24 AR-1248-4

R.T.: 6.767 min
Delta R.T.: -0.004 min
Response: 16858684
Conc: 80.53 ng/ml



#24 AR-1248-4

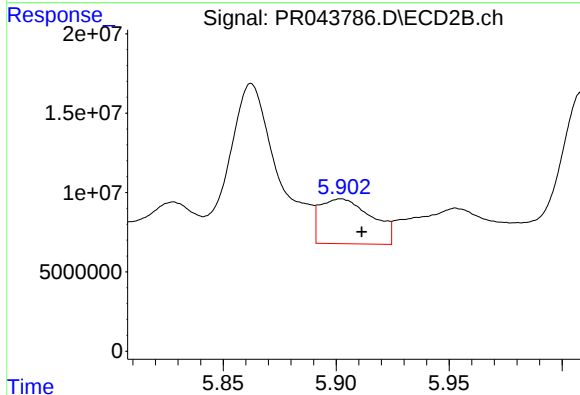
R.T.: 5.509 min
Delta R.T.: -0.007 min
Response: 140102629
Conc: 337.93 ng/ml



#25 AR-1248-5

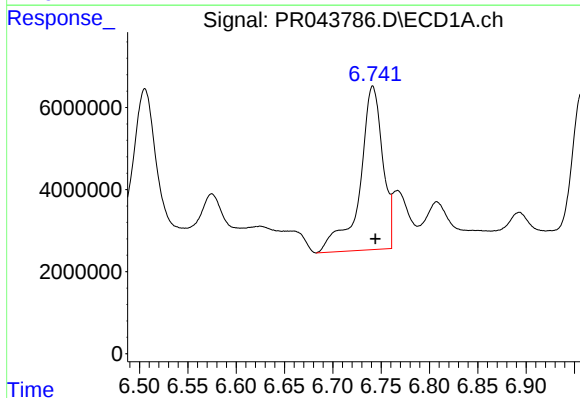
R.T.: 6.808 min
Delta R.T.: -0.003 min
Response: 24748847
Conc: 124.66 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660373



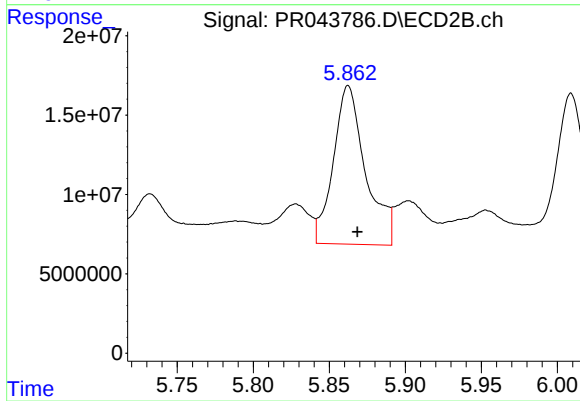
#25 AR-1248-5

R.T.: 5.902 min
Delta R.T.: -0.009 min
Response: 44820848
Conc: 100.85 ng/ml



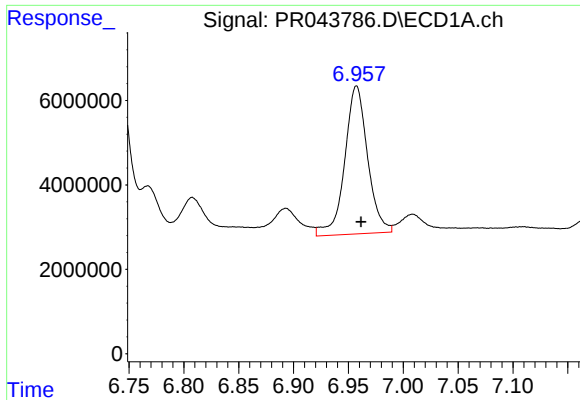
#26 AR-1254-1

R.T.: 6.741 min
Delta R.T.: -0.003 min
Response: 65706425
Conc: 300.62 ng/ml



#26 AR-1254-1

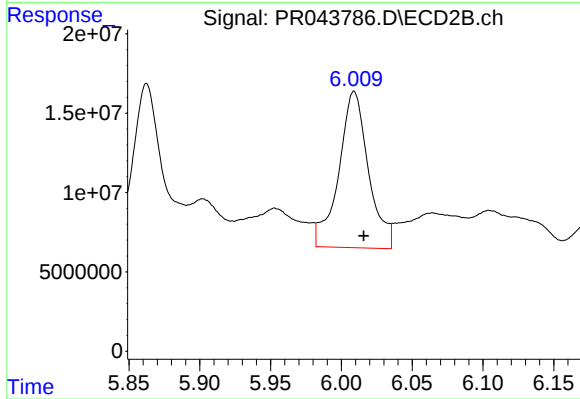
R.T.: 5.862 min
Delta R.T.: -0.006 min
Response: 147204464
Conc: 206.61 ng/ml



#27 AR-1254-2

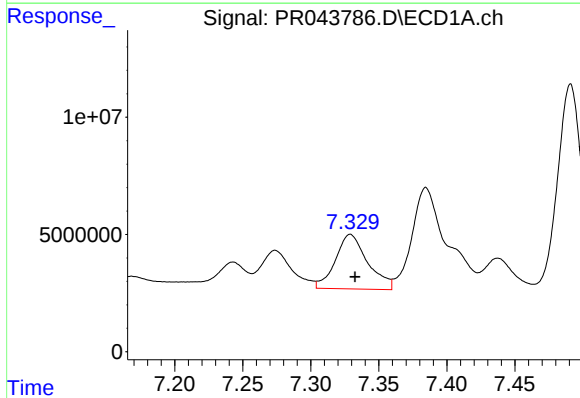
R.T.: 6.957 min
Delta R.T.: -0.004 min
Response: 50992372
Conc: 151.22 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660373



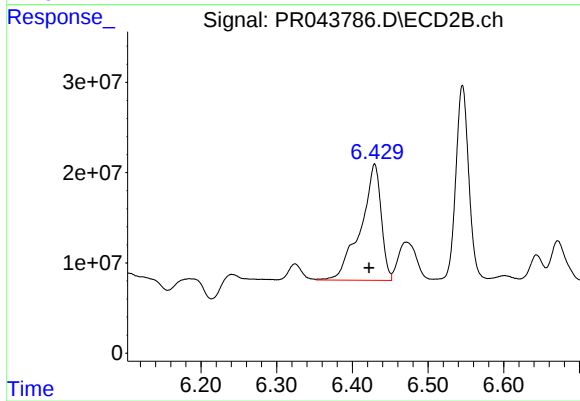
#27 AR-1254-2

R.T.: 6.009 min
Delta R.T.: -0.007 min
Response: 144185617
Conc: 225.42 ng/ml



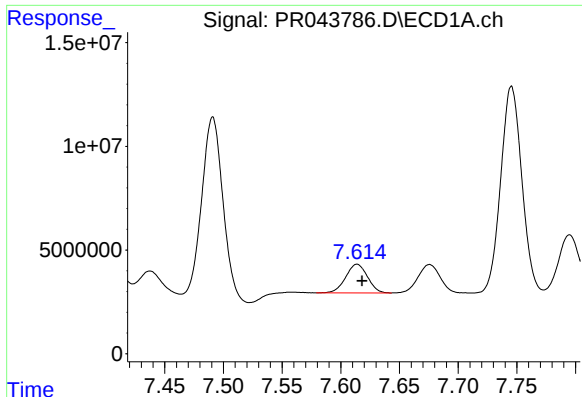
#28 AR-1254-3

R.T.: 7.329 min
Delta R.T.: -0.003 min
Response: 38390408
Conc: 109.76 ng/ml



#28 AR-1254-3

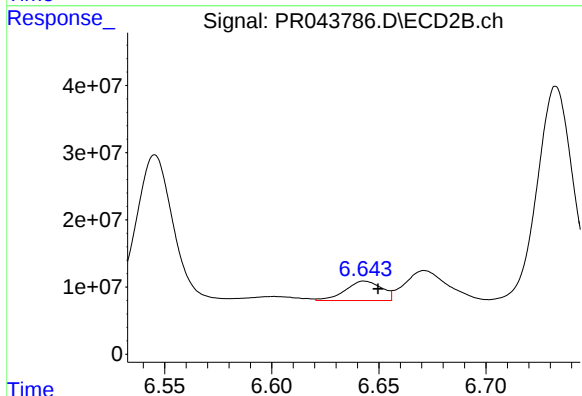
R.T.: 6.429 min
Delta R.T.: 0.007 min
Response: 243152267
Conc: 240.20 ng/ml



#29 AR-1254-4

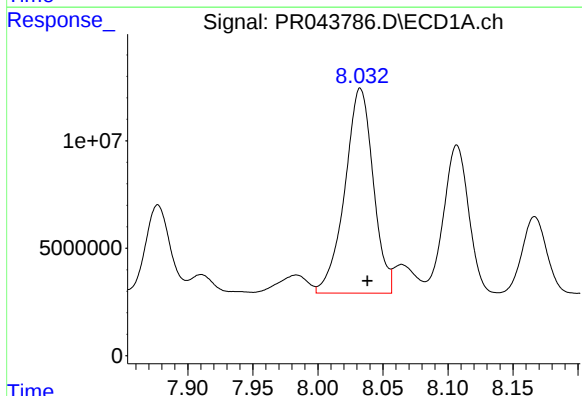
R.T.: 7.614 min
Delta R.T.: -0.004 min
Response: 17832140
Conc: 71.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660373



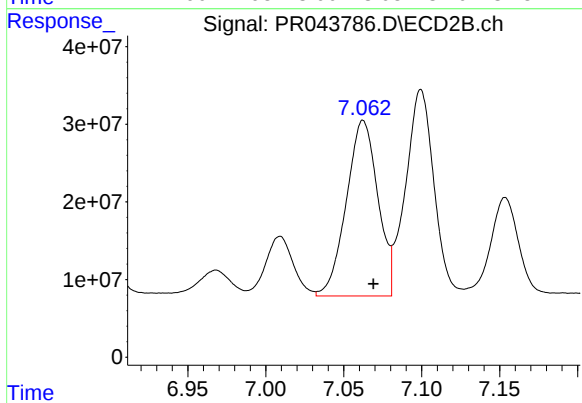
#29 AR-1254-4

R.T.: 6.643 min
Delta R.T.: -0.006 min
Response: 33978920
Conc: 47.19 ng/ml



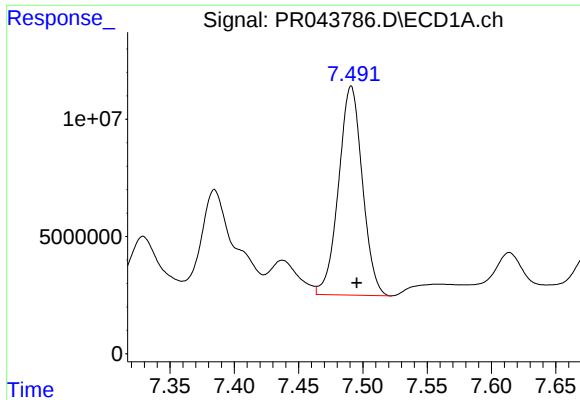
#30 AR-1254-5

R.T.: 8.033 min
Delta R.T.: -0.006 min
Response: 144984352
Conc: 562.62 ng/ml



#30 AR-1254-5

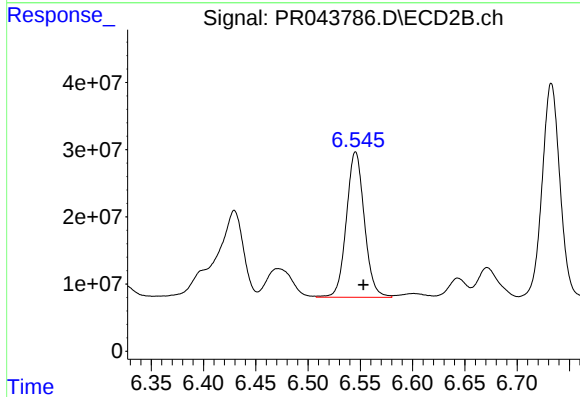
R.T.: 7.062 min
Delta R.T.: -0.007 min
Response: 318257938
Conc: 373.59 ng/ml



#31 AR-1260-1

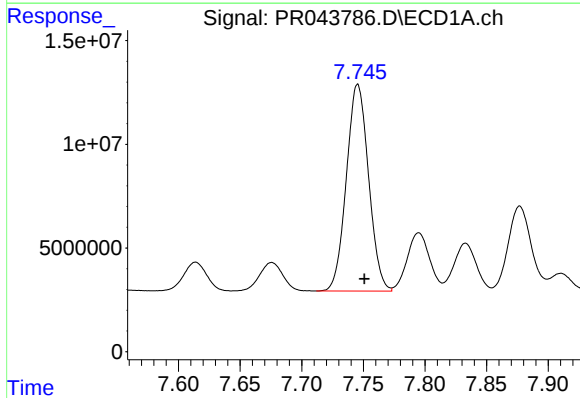
R.T.: 7.491 min
Delta R.T.: -0.004 min
Response: 114785667
Conc: 460.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660373



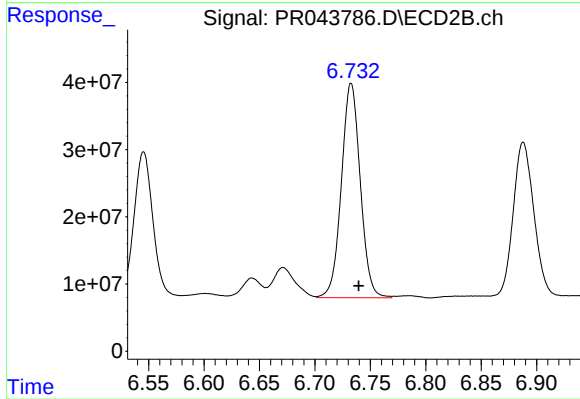
#31 AR-1260-1

R.T.: 6.545 min
Delta R.T.: -0.007 min
Response: 259194443
Conc: 382.58 ng/ml



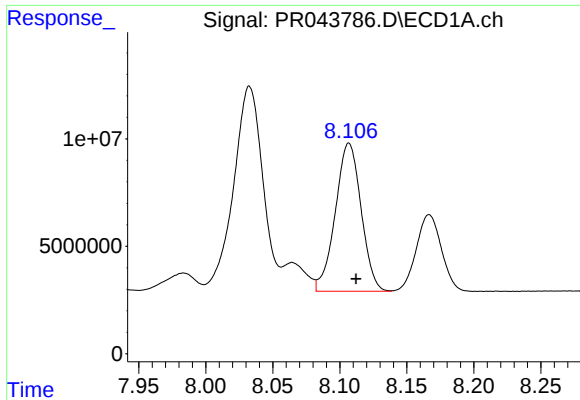
#32 AR-1260-2

R.T.: 7.745 min
Delta R.T.: -0.006 min
Response: 125033211
Conc: 420.85 ng/ml



#32 AR-1260-2

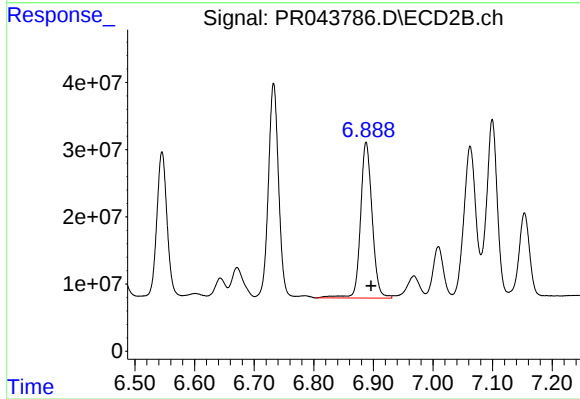
R.T.: 6.733 min
Delta R.T.: -0.007 min
Response: 378943092
Conc: 391.12 ng/ml



#33 AR-1260-3

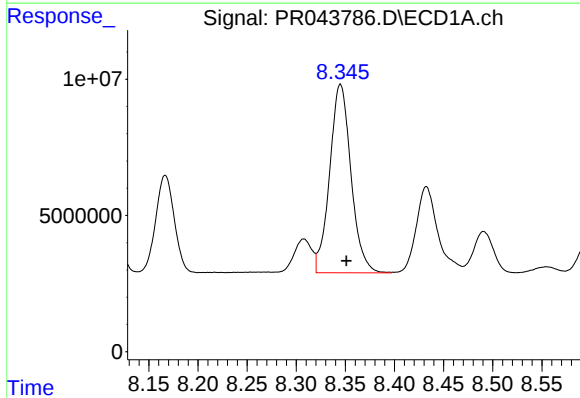
R.T.: 8.107 min
Delta R.T.: -0.005 min
Response: 92432756
Conc: 417.22 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660373



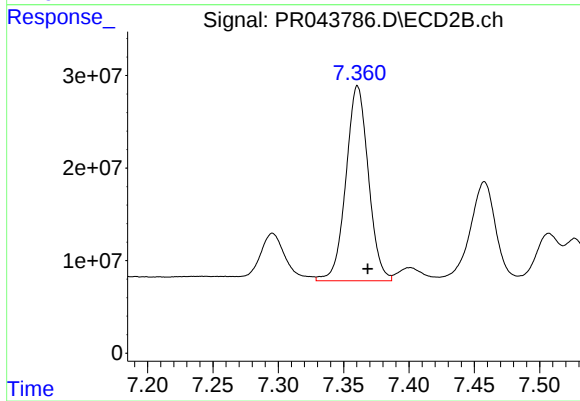
#33 AR-1260-3

R.T.: 6.888 min
Delta R.T.: -0.008 min
Response: 314552895
Conc: 402.79 ng/ml



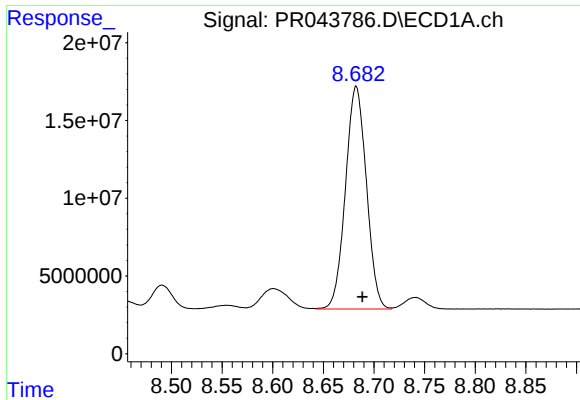
#34 AR-1260-4

R.T.: 8.345 min
Delta R.T.: -0.006 min
Response: 104472489
Conc: 415.34 ng/ml



#34 AR-1260-4

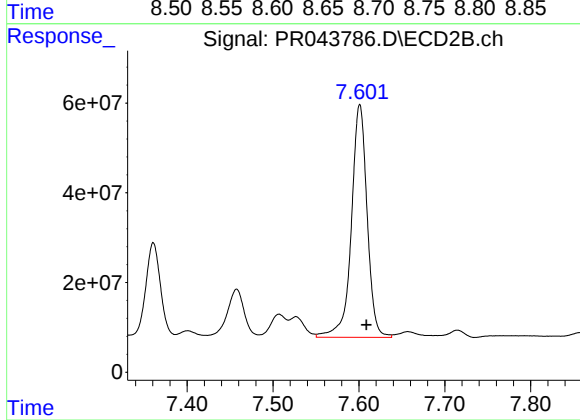
R.T.: 7.361 min
Delta R.T.: -0.008 min
Response: 252041655
Conc: 397.28 ng/ml



#35 AR-1260-5

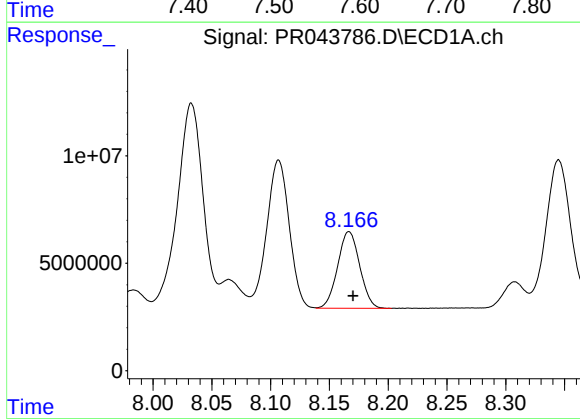
R.T.: 8.682 min
Delta R.T.: -0.006 min
Response: 205820144
Conc: 426.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660373



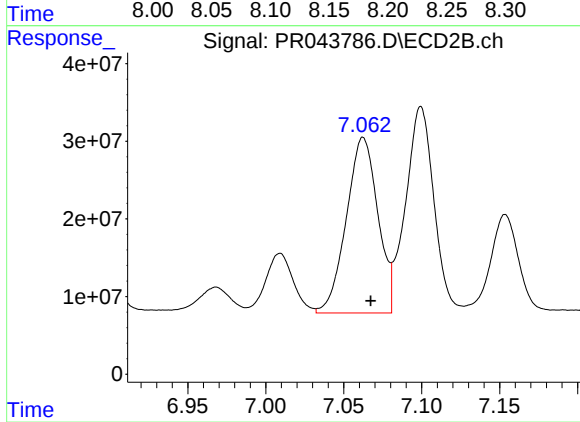
#35 AR-1260-5

R.T.: 7.601 min
Delta R.T.: -0.008 min
Response: 662920286
Conc: 389.46 ng/ml



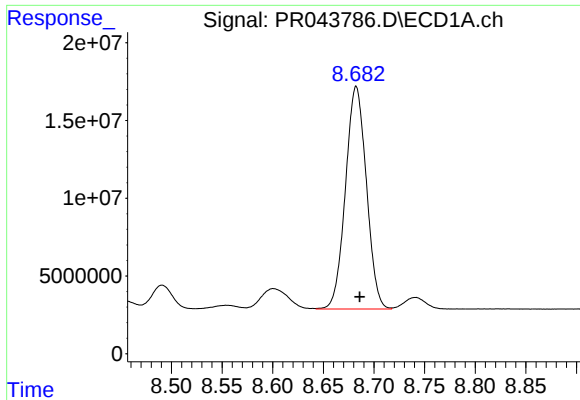
#36 AR-1262-1

R.T.: 8.167 min
Delta R.T.: -0.003 min
Response: 46577709
Conc: 349.88 ng/ml



#36 AR-1262-1

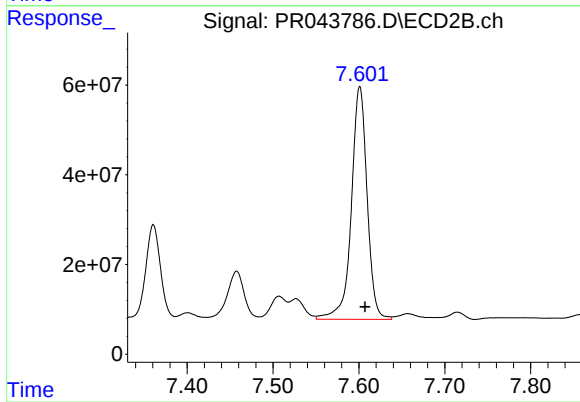
R.T.: 7.062 min
Delta R.T.: -0.005 min
Response: 318257938
Conc: 643.61 ng/ml



#37 AR-1262-2

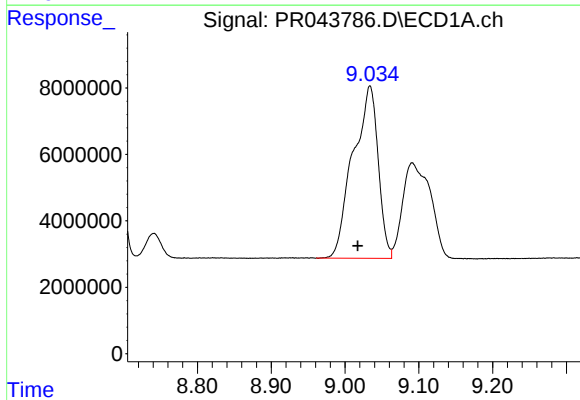
R.T.: 8.682 min
Delta R.T.: -0.004 min
Response: 205820144
Conc: 361.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660373



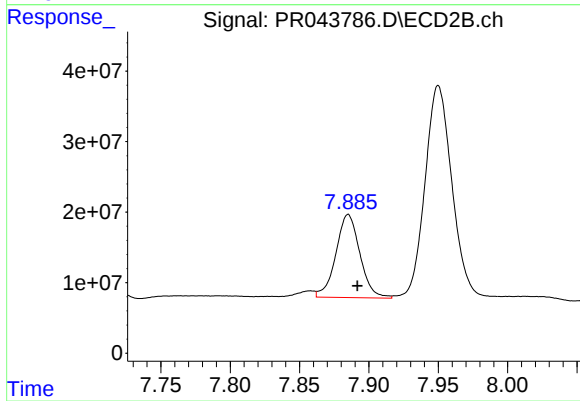
#37 AR-1262-2

R.T.: 7.601 min
Delta R.T.: -0.006 min
Response: 662920286
Conc: 348.43 ng/ml



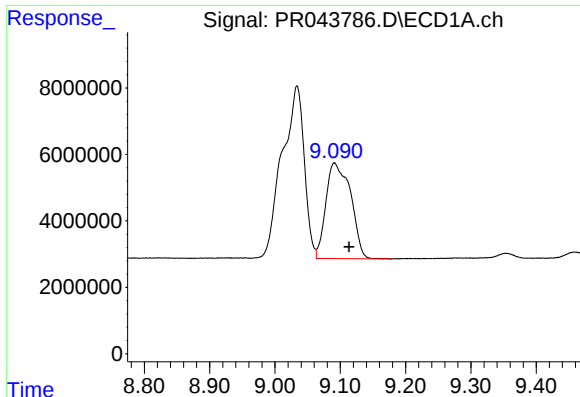
#38 AR-1262-3

R.T.: 9.034 min
Delta R.T.: 0.017 min
Response: 122608655
Conc: 338.66 ng/ml



#38 AR-1262-3

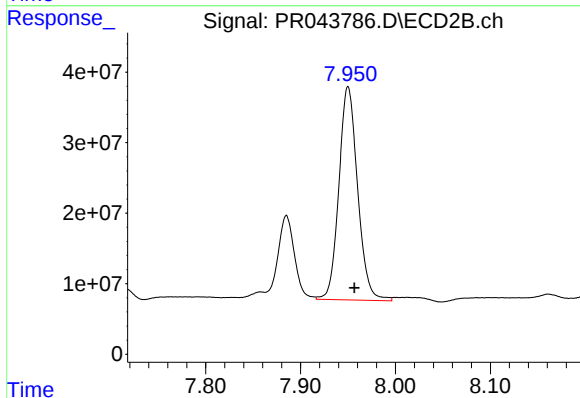
R.T.: 7.885 min
Delta R.T.: -0.007 min
Response: 141921229
Conc: 186.06 ng/ml



#39 AR-1262-4

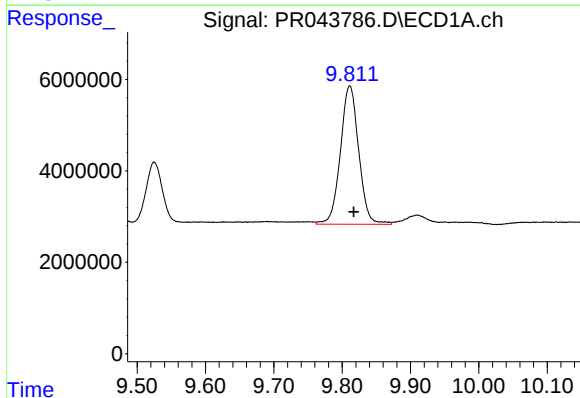
R.T.: 9.091 min
Delta R.T.: -0.022 min
Response: 75940668
Conc: 285.32 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660373



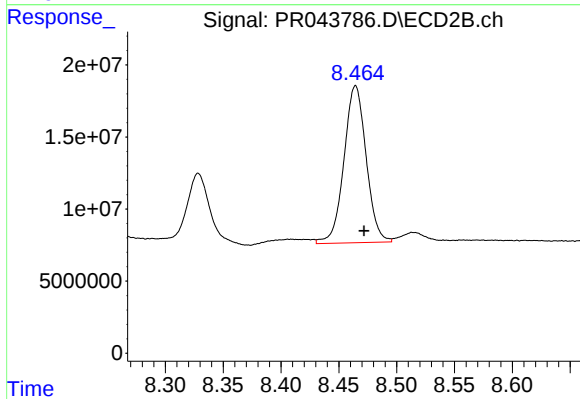
#39 AR-1262-4

R.T.: 7.950 min
Delta R.T.: -0.007 min
Response: 415309225
Conc: 334.56 ng/ml



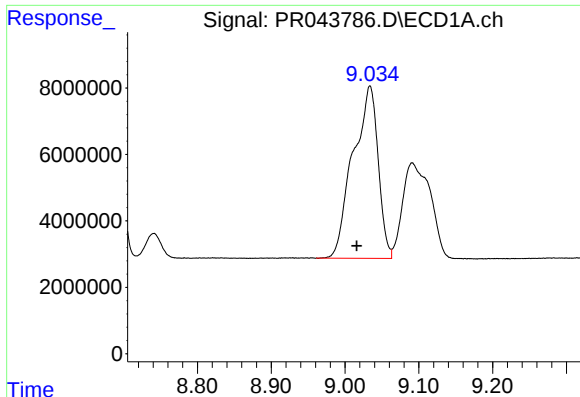
#40 AR-1262-5

R.T.: 9.811 min
Delta R.T.: -0.006 min
Response: 56222751
Conc: 298.57 ng/ml



#40 AR-1262-5

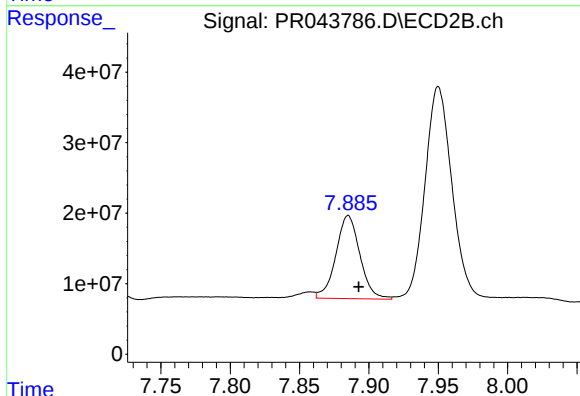
R.T.: 8.464 min
Delta R.T.: -0.007 min
Response: 145929782
Conc: 256.04 ng/ml



#41 AR-1268-1

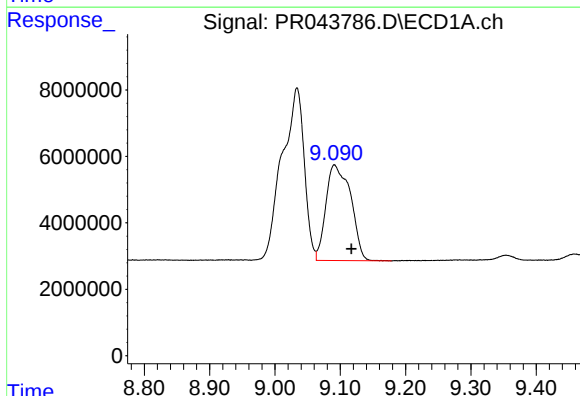
R.T.: 9.034 min
Delta R.T.: 0.018 min
Response: 122608655
Conc: 191.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660373



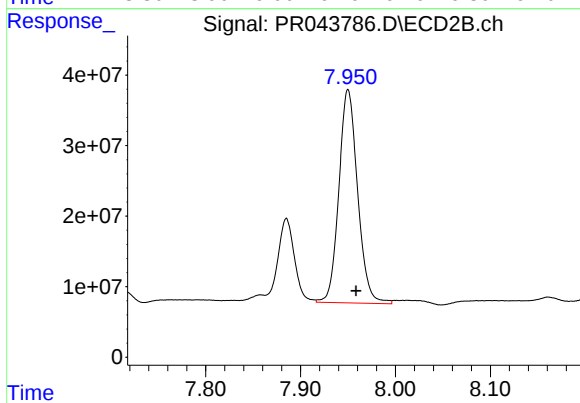
#41 AR-1268-1

R.T.: 7.885 min
Delta R.T.: -0.008 min
Response: 141921229
Conc: 66.13 ng/ml



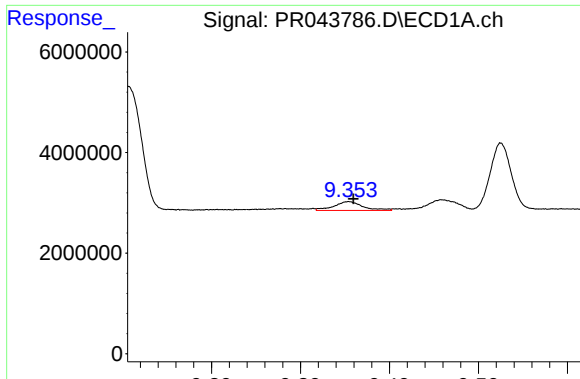
#42 AR-1268-2

R.T.: 9.091 min
Delta R.T.: -0.026 min
Response: 75940668
Conc: 131.80 ng/ml



#42 AR-1268-2

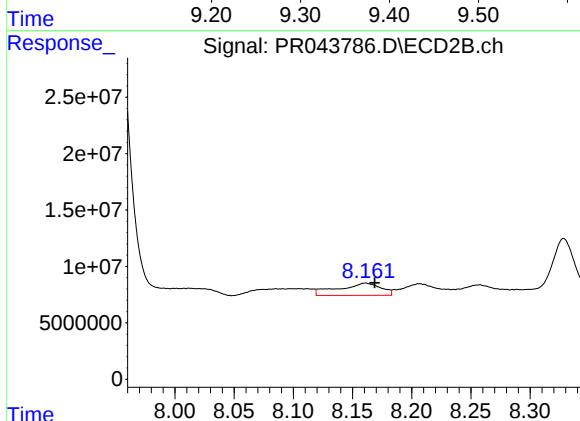
R.T.: 7.950 min
Delta R.T.: -0.008 min
Response: 415309225
Conc: 228.90 ng/ml



#43 AR-1268-3

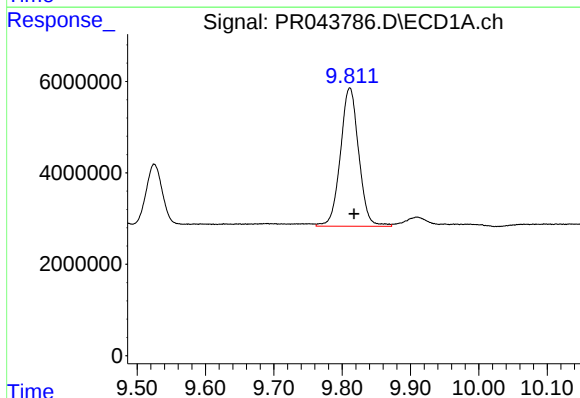
R.T.: 9.354 min
Delta R.T.: -0.005 min
Response: 3972419
Conc: 8.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660373



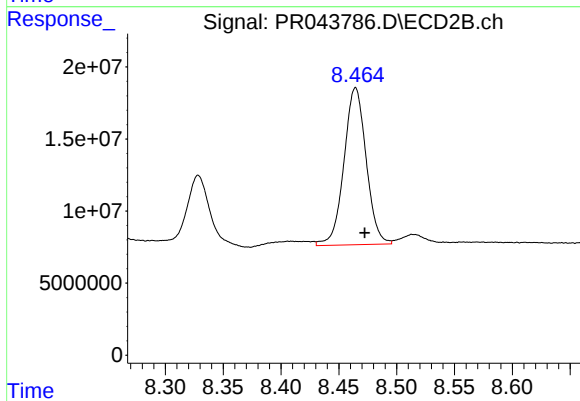
#43 AR-1268-3

R.T.: 8.161 min
Delta R.T.: -0.008 min
Response: 27235392
Conc: 17.69 ng/ml



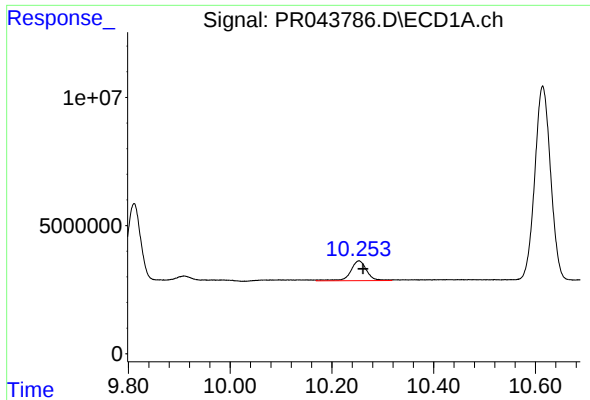
#44 AR-1268-4

R.T.: 9.811 min
Delta R.T.: -0.006 min
Response: 56222751
Conc: 275.17 ng/ml



#44 AR-1268-4

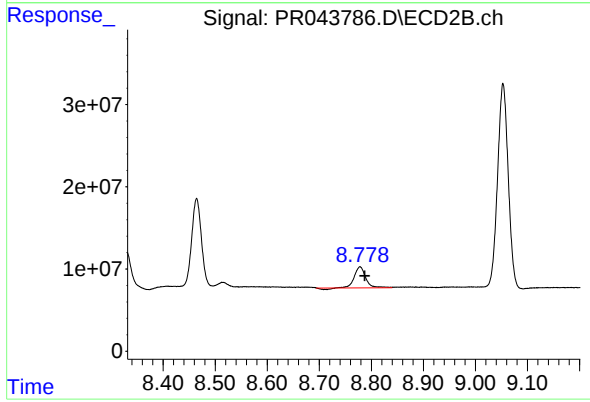
R.T.: 8.464 min
Delta R.T.: -0.008 min
Response: 145929782
Conc: 237.97 ng/ml



#45 AR-1268-5

R.T.: 10.253 min
Delta R.T.: -0.008 min
Response: 17075134
Conc: 10.92 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660373



#45 AR-1268-5

R.T.: 8.778 min
Delta R.T.: -0.009 min
Response: 38547995
Conc: 9.11 ng/ml