

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112520\
 Data File : PP031680.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 25 Nov 2020 13:38
 Operator : DD\AJ
 Sample : L4822-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 FD-02

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 27 00:33:42 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112220.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 24 12:23:58 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.789	4.061	885757	781344	18.292	16.306
2)	SA Decachlor...	10.660	9.366	886997	1627594	26.116	43.957 #
Target Compounds							
3)	L1 AR-1016-1	6.076f	5.314	305634	84735	201.632	57.341 #
4)	L1 AR-1016-2	6.145f	5.314f	1021937	84735	452.578	38.971 #
5)	L1 AR-1016-3	0.000	5.527	0	211216	N.D.	180.718 #
6)	L1 AR-1016-4	0.000	5.578	0	70292	N.D.	80.528 #
8)	L2 AR-1221-1	5.028	4.313	555767	41910	1021.916	82.605 #
9)	L2 AR-1221-2	5.137	4.440f	255934	29524	617.068	76.537 #
10)	L2 AR-1221-3	5.236f	4.505	266464	44064	216.407	36.531 #
11)	L3 AR-1232-1	5.236f	4.505	266464	44064	255.420	42.414 #
12)	L3 AR-1232-2	5.808	5.314f	479669	84735	884.556	87.013 #
13)	L3 AR-1232-3	6.145f	5.527	1021937	211216	1011.919	400.502 #
14)	L3 AR-1232-4	0.000	5.629	0	78548	N.D.	185.988 #
15)	L3 AR-1232-5	6.383	0.000	272552	0	848.451	N.D. #
16)	L4 AR-1242-1	6.076f	5.314	305634	84735	255.399	74.224 #
17)	L4 AR-1242-2	6.145f	5.314f	1021937	84735	574.353	50.386 #
18)	L4 AR-1242-3	6.145f	5.527	1021937	211216	917.828	231.311 #
19)	L4 AR-1242-4	6.258f	5.629	1607083	78548	1738.890	93.508 #
20)	L4 AR-1242-5	7.052	6.187	109494	312203	119.518	302.600 #
21)	L5 AR-1248-1	6.076f	5.314	305634	84735	330.980	98.379 #
22)	L5 AR-1248-2	6.383	5.578	272552	70292	230.418	58.870 #
23)	L5 AR-1248-3	0.000	5.629	0	78548	N.D.	62.058 #
24)	L5 AR-1248-4	7.029	0.000	53966	0	34.413	N.D. #
25)	L5 AR-1248-5	7.052f	6.231	109494	98212	68.974	67.314
26)	L6 AR-1254-1	7.003	6.187	132338	312203	86.844	144.324 #
27)	L6 AR-1254-2	7.225	6.340	531316	243133	228.775	130.507 #
28)	L6 AR-1254-3	7.610	6.785f	470380	649639	186.190	210.154
29)	L6 AR-1254-4	7.897	7.005	219516	34673	129.370	20.409 #
30)	L6 AR-1254-5	8.318	7.433	834430	802872	446.359	297.406 #
31)	L7 AR-1260-1	7.773	6.902	1855150	650189	1060.060	329.028 #
32)	L7 AR-1260-2	8.037	7.099	1532020	1362613	745.602	559.538
33)	L7 AR-1260-3	8.403	7.257	3243234	1104702	1988.452	483.747 #
34)	L7 AR-1260-4	8.632	7.735	2489709	2513507	1352.113	1322.816
35)	L7 AR-1260-5	8.946	7.983	5710392	6452750	1548.702	1421.953
36)	L8 AR-1262-1	8.403	7.474	3243234	3453447	1427.443	1242.592
37)	L8 AR-1262-2	8.946	7.983	5710392	6452750	1437.084	1328.452
38)	L8 AR-1262-3	9.244	8.269	5523271	4917261	1985.885	2500.007 #
39)	L8 AR-1262-4	9.333	8.334	7028742	8238720	3206.351	2272.635 #
40)	L8 AR-1262-5	9.959	8.830	4255429	4541021	2914.636	2797.595
41)	L9 AR-1268-1	9.244	8.269	5523271	4917261	1149.349	888.706
42)	L9 AR-1268-2	9.333	8.334	7028742	8238720	1509.881	1523.799
43)	L9 AR-1268-3	9.549	8.542	1002122	888382	247.818	193.689

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Acq On : 25 Nov 2020 13:38
Operator : DD\AJ
Sample : L4822-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

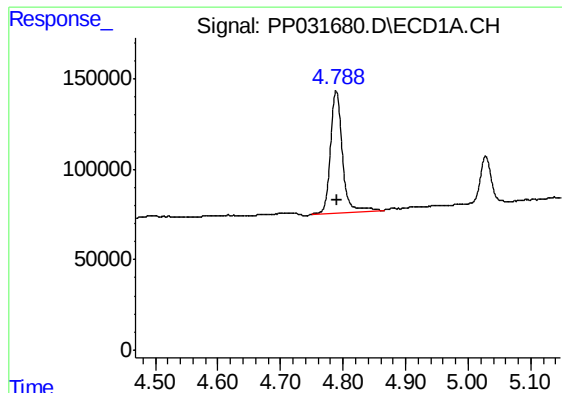
Instrument :
ECD_P
ClientSampleId :
FD-02

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 27 00:33:42 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112220.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 24 12:23:58 2020
Response via : Initial Calibration
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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	9.959	8.830	4255429	4541021	2739.631	2491.363
45)	L9 AR-1268-5	10.345	9.116	4581400	4867944	375.572	351.537

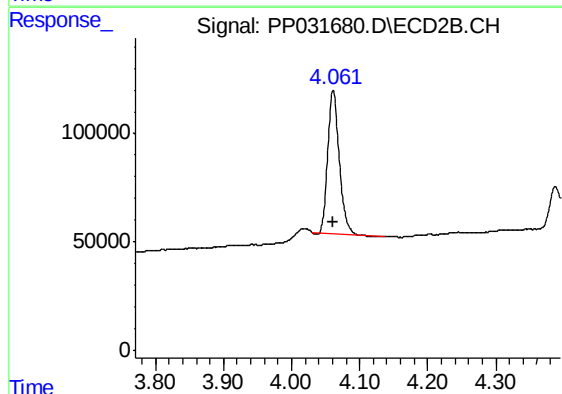
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

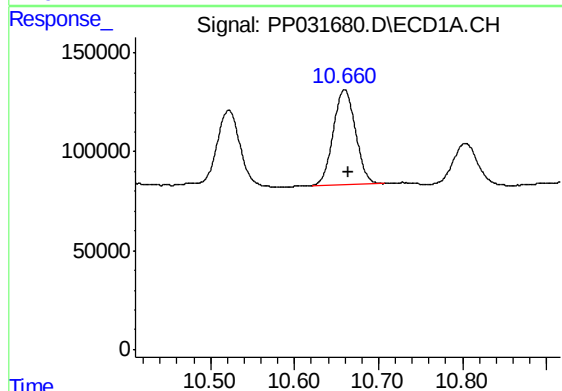
R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 885757
Conc: 18.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
FD-02



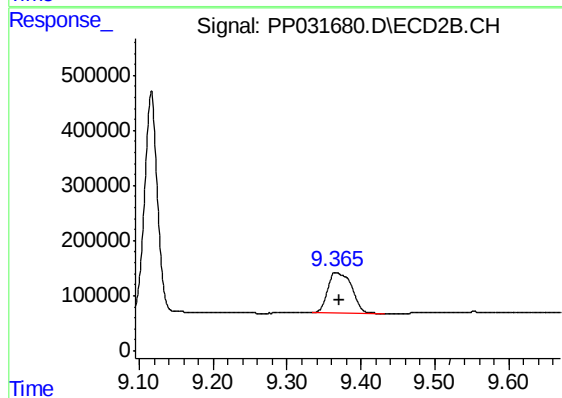
#1 Tetrachloro-m-xylene

R.T.: 4.061 min
Delta R.T.: 0.000 min
Response: 781344
Conc: 16.31 ng/ml



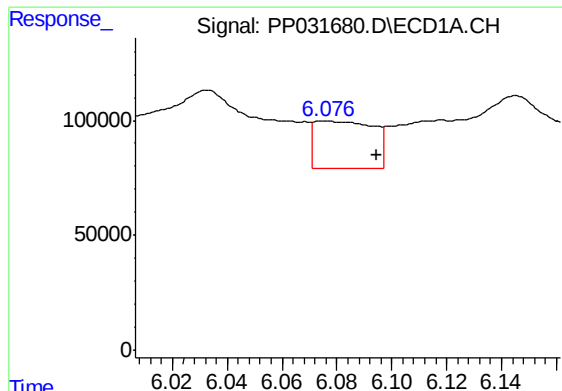
#2 Decachlorobiphenyl

R.T.: 10.660 min
Delta R.T.: -0.005 min
Response: 886997
Conc: 26.12 ng/ml



#2 Decachlorobiphenyl

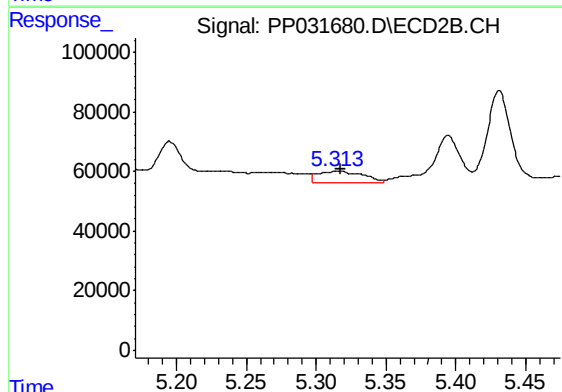
R.T.: 9.366 min
Delta R.T.: -0.004 min
Response: 1627594
Conc: 43.96 ng/ml



#3 AR-1016-1

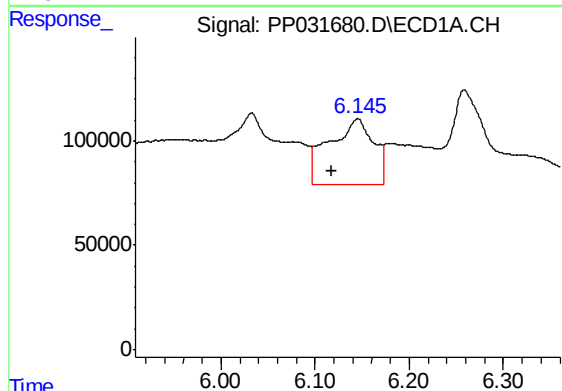
R.T.: 6.076 min
Delta R.T.: -0.019 min
Response: 305634
Conc: 201.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
FD-02



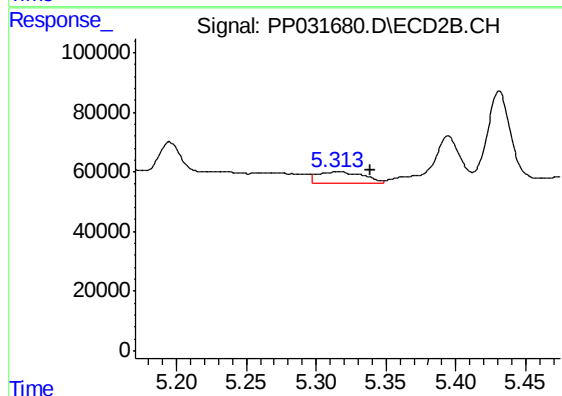
#3 AR-1016-1

R.T.: 5.314 min
Delta R.T.: -0.004 min
Response: 84735
Conc: 57.34 ng/ml



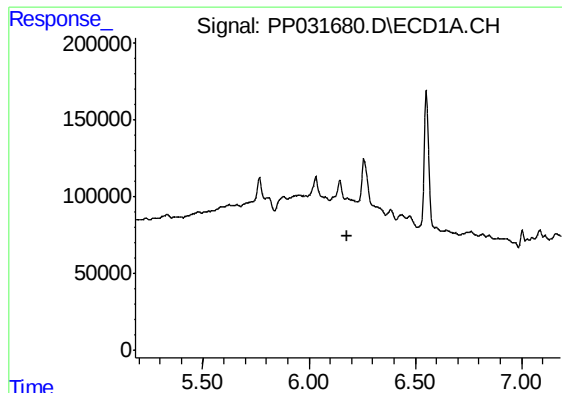
#4 AR-1016-2

R.T.: 6.145 min
Delta R.T.: 0.027 min
Response: 1021937
Conc: 452.58 ng/ml



#4 AR-1016-2

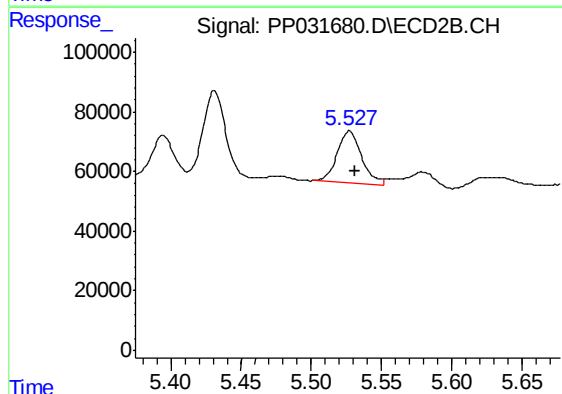
R.T.: 5.314 min
Delta R.T.: -0.025 min
Response: 84735
Conc: 38.97 ng/ml



#5 AR-1016-3

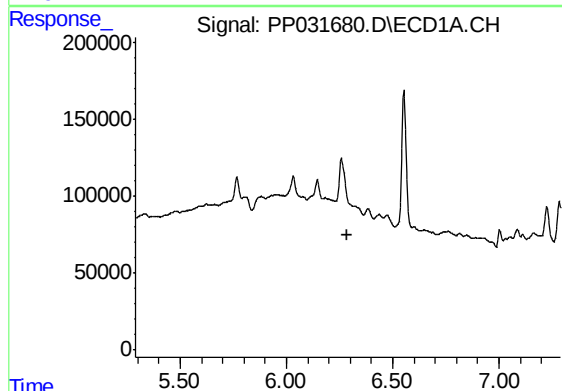
R.T.: 0.000 min
Exp R.T.: 6.183 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
FD-02



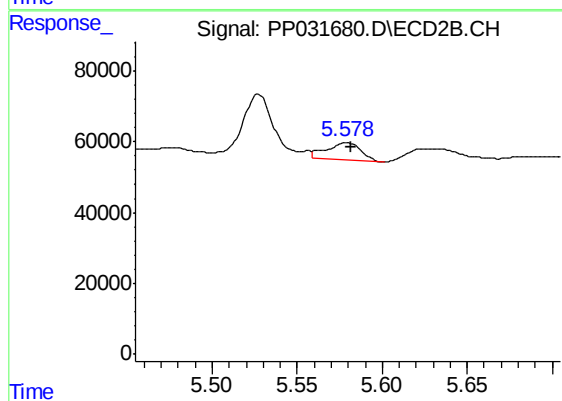
#5 AR-1016-3

R.T.: 5.527 min
Delta R.T.: -0.004 min
Response: 211216
Conc: 180.72 ng/ml



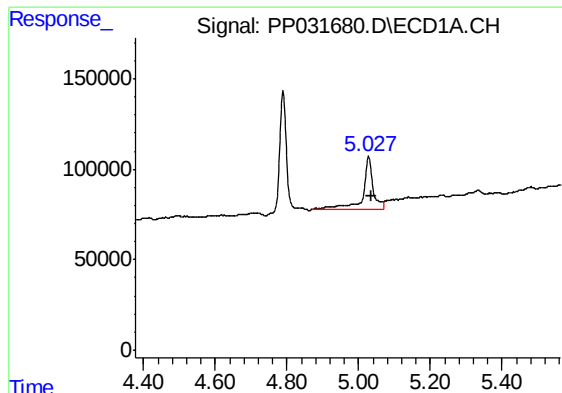
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.289 min
Response: 0
Conc: N.D.



#6 AR-1016-4

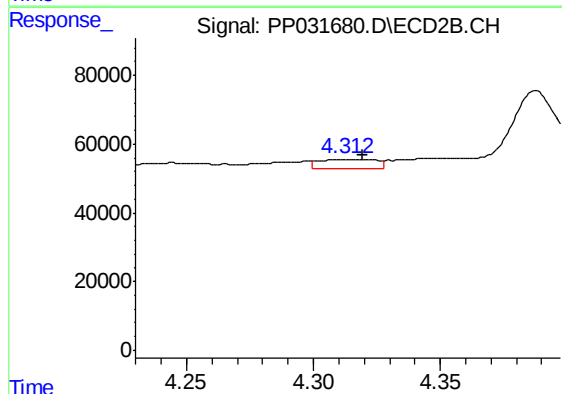
R.T.: 5.578 min
Delta R.T.: -0.004 min
Response: 70292
Conc: 80.53 ng/ml



#8 AR-1221-1

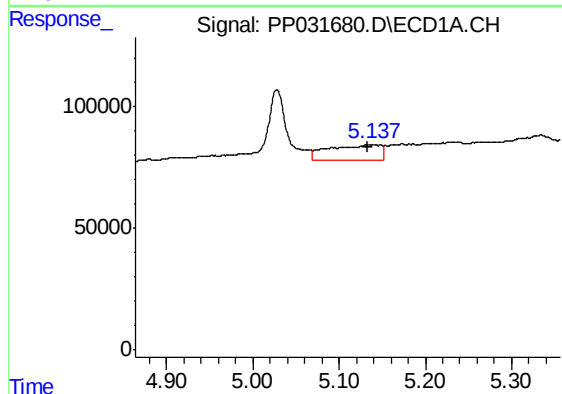
R.T.: 5.028 min
Delta R.T.: -0.007 min
Response: 555767
Conc: 1021.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
FD-02



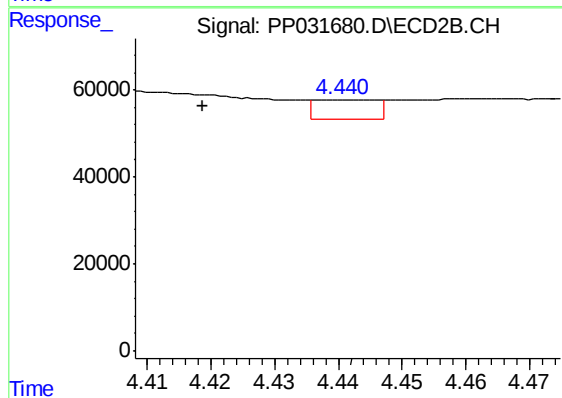
#8 AR-1221-1

R.T.: 4.313 min
Delta R.T.: -0.006 min
Response: 41910
Conc: 82.61 ng/ml



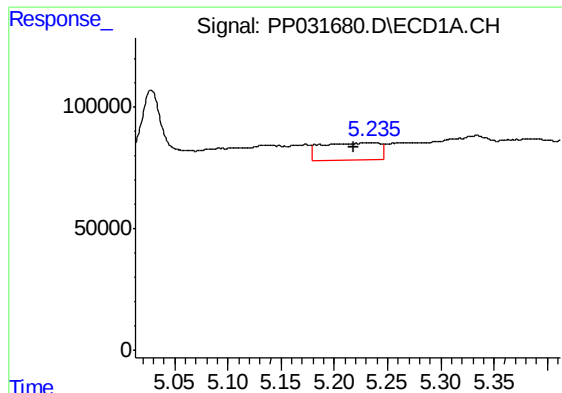
#9 AR-1221-2

R.T.: 5.137 min
Delta R.T.: 0.005 min
Response: 255934
Conc: 617.07 ng/ml



#9 AR-1221-2

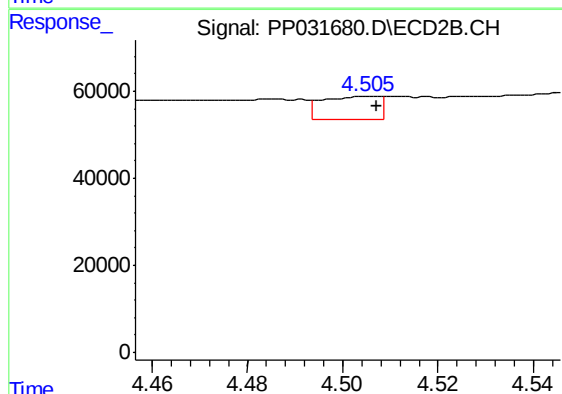
R.T.: 4.440 min
Delta R.T.: 0.022 min
Response: 29524
Conc: 76.54 ng/ml



#10 AR-1221-3

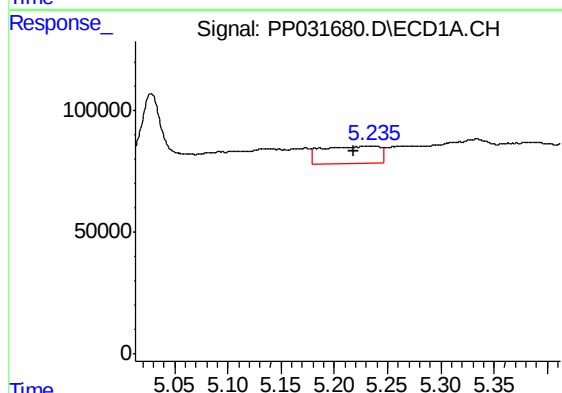
R.T.: 5.236 min
Delta R.T.: 0.018 min
Response: 266464
Conc: 216.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
FD-02



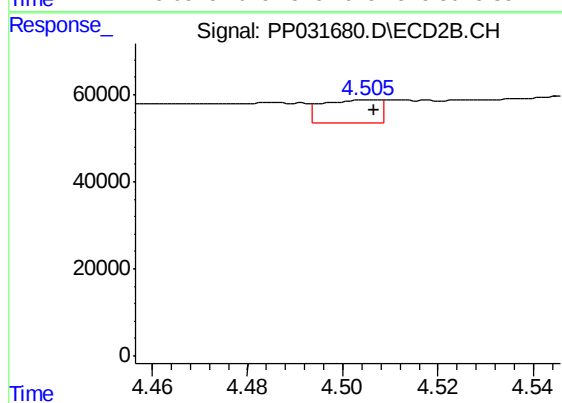
#10 AR-1221-3

R.T.: 4.505 min
Delta R.T.: -0.002 min
Response: 44064
Conc: 36.53 ng/ml



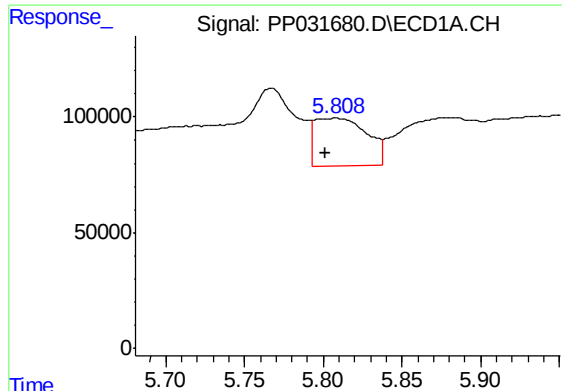
#11 AR-1232-1

R.T.: 5.236 min
Delta R.T.: 0.018 min
Response: 266464
Conc: 255.42 ng/ml



#11 AR-1232-1

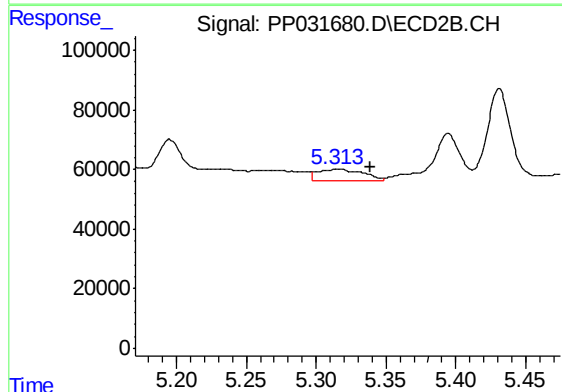
R.T.: 4.505 min
Delta R.T.: -0.001 min
Response: 44064
Conc: 42.41 ng/ml



#12 AR-1232-2

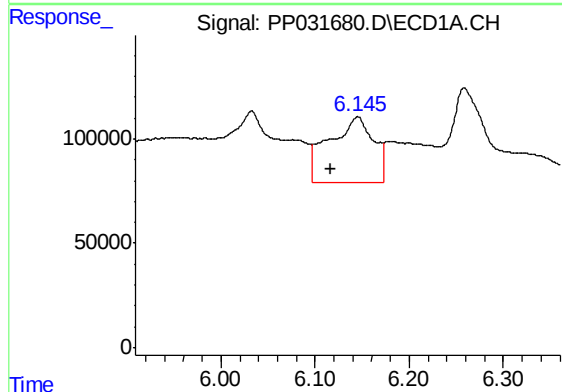
R.T.: 5.808 min
Delta R.T.: 0.006 min
Response: 479669
Conc: 884.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
FD-02



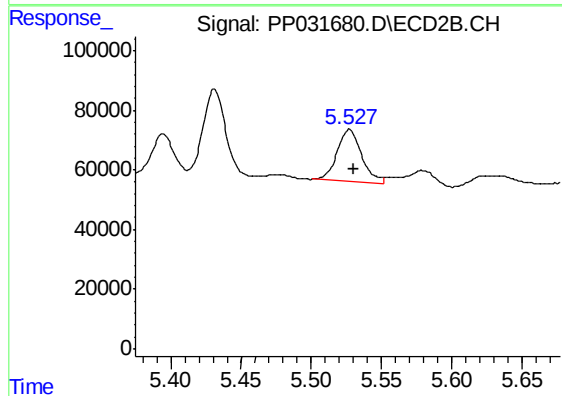
#12 AR-1232-2

R.T.: 5.314 min
Delta R.T.: -0.025 min
Response: 84735
Conc: 87.01 ng/ml



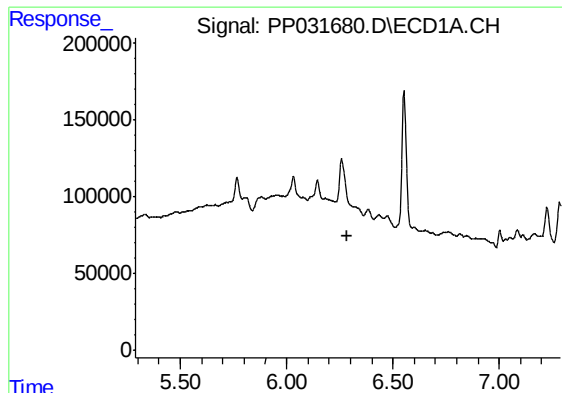
#13 AR-1232-3

R.T.: 6.145 min
Delta R.T.: 0.028 min
Response: 1021937
Conc: 1011.92 ng/ml



#13 AR-1232-3

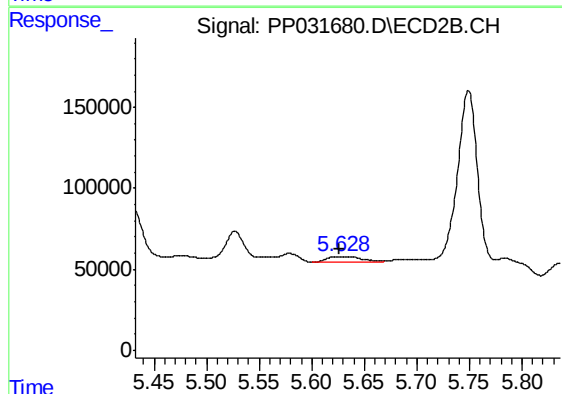
R.T.: 5.527 min
Delta R.T.: -0.003 min
Response: 211216
Conc: 400.50 ng/ml



#14 AR-1232-4

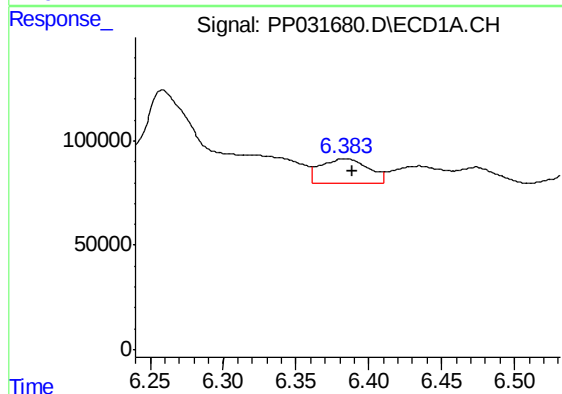
R.T.: 0.000 min
Exp R.T. : 6.288 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
FD-02



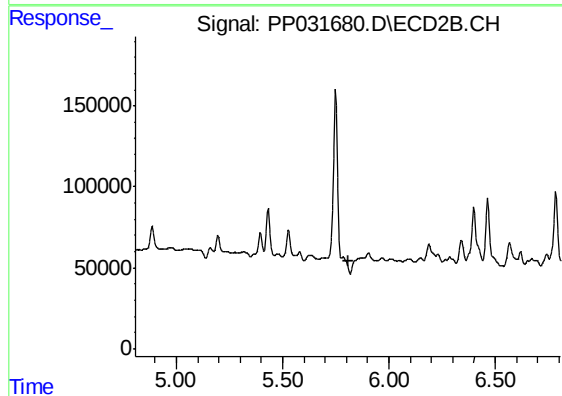
#14 AR-1232-4

R.T.: 5.629 min
Delta R.T.: 0.002 min
Response: 78548
Conc: 185.99 ng/ml



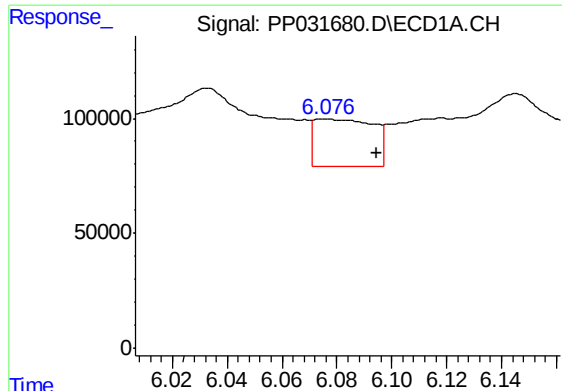
#15 AR-1232-5

R.T.: 6.383 min
Delta R.T.: -0.005 min
Response: 272552
Conc: 848.45 ng/ml



#15 AR-1232-5

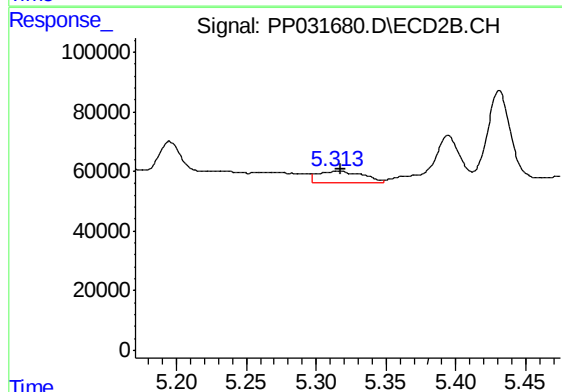
R.T.: 0.000 min
Exp R.T. : 5.807 min
Response: 0
Conc: N.D.



#16 AR-1242-1

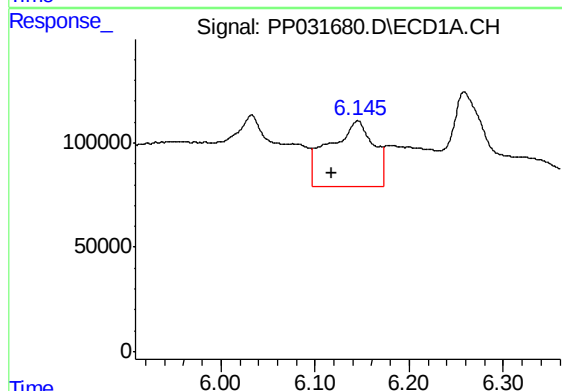
R.T.: 6.076 min
Delta R.T.: -0.019 min
Response: 305634
Conc: 255.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
FD-02



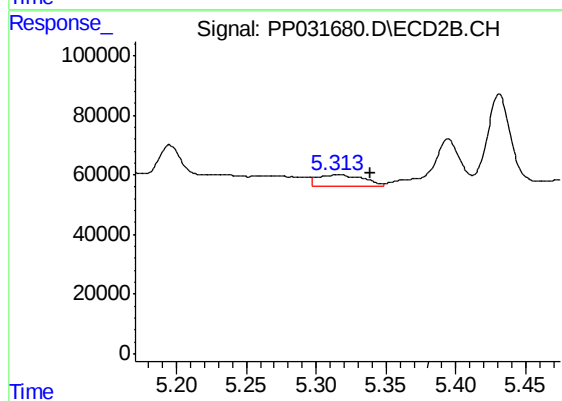
#16 AR-1242-1

R.T.: 5.314 min
Delta R.T.: -0.004 min
Response: 84735
Conc: 74.22 ng/ml



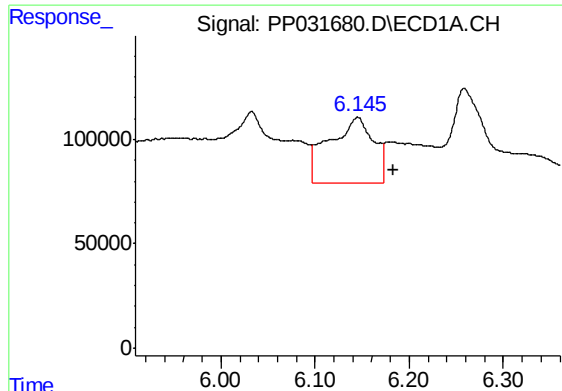
#17 AR-1242-2

R.T.: 6.145 min
Delta R.T.: 0.027 min
Response: 1021937
Conc: 574.35 ng/ml



#17 AR-1242-2

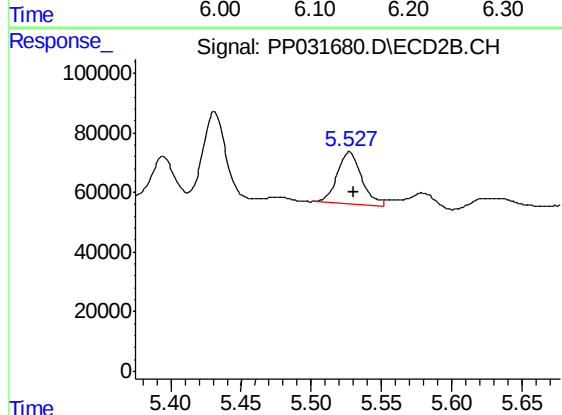
R.T.: 5.314 min
Delta R.T.: -0.025 min
Response: 84735
Conc: 50.39 ng/ml



#18 AR-1242-3

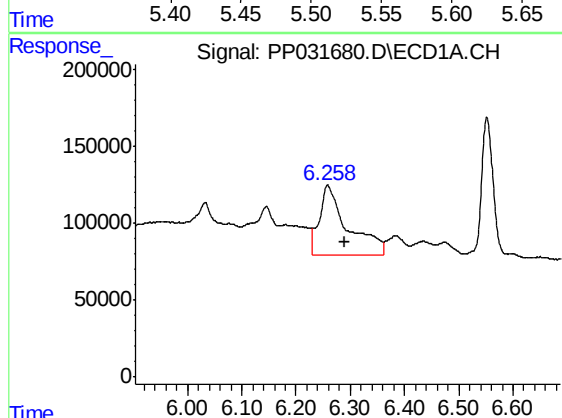
R.T.: 6.145 min
Delta R.T.: -0.038 min
Response: 1021937
Conc: 917.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
FD-02



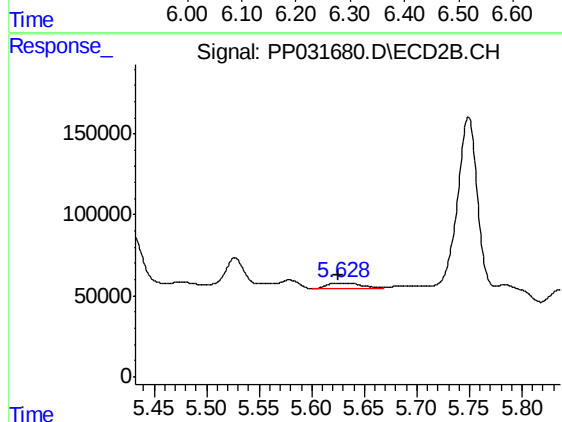
#18 AR-1242-3

R.T.: 5.527 min
Delta R.T.: -0.003 min
Response: 211216
Conc: 231.31 ng/ml



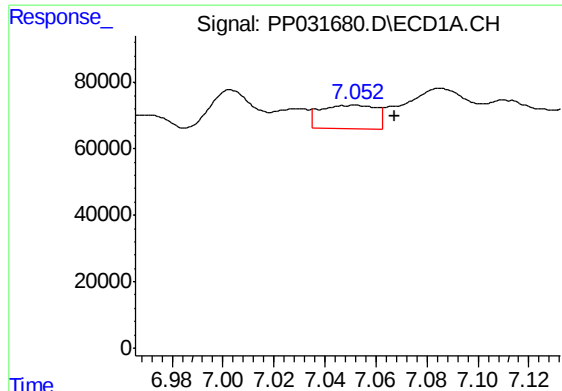
#19 AR-1242-4

R.T.: 6.258 min
Delta R.T.: -0.031 min
Response: 1607083
Conc: 1738.89 ng/ml



#19 AR-1242-4

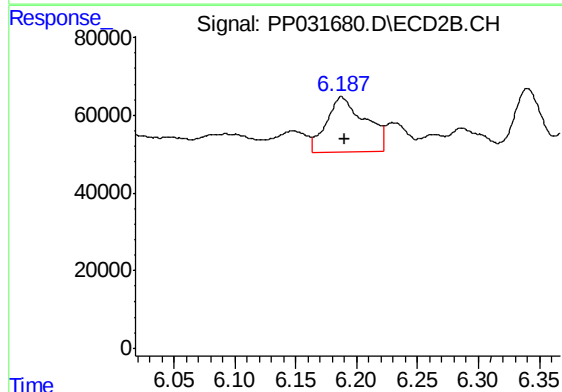
R.T.: 5.629 min
Delta R.T.: 0.003 min
Response: 78548
Conc: 93.51 ng/ml



#20 AR-1242-5

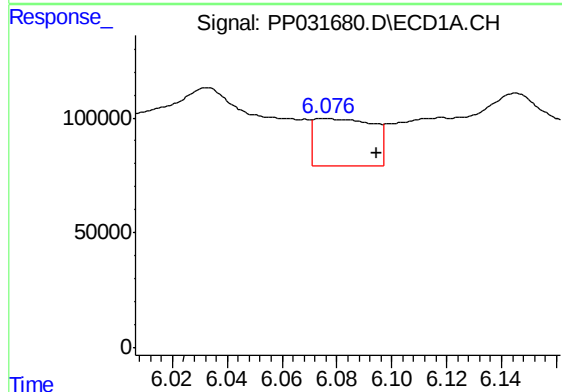
R.T.: 7.052 min
Delta R.T.: -0.015 min
Response: 109494
Conc: 119.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
FD-02



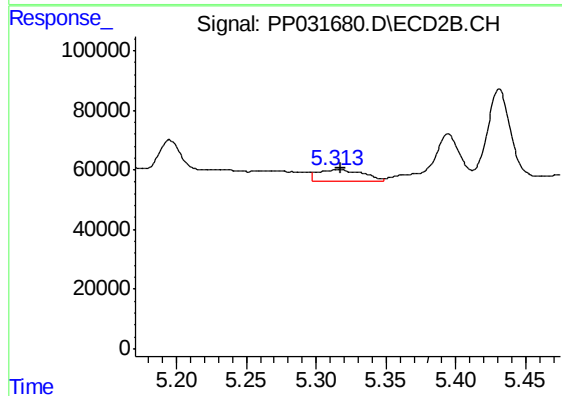
#20 AR-1242-5

R.T.: 6.187 min
Delta R.T.: -0.002 min
Response: 312203
Conc: 302.60 ng/ml



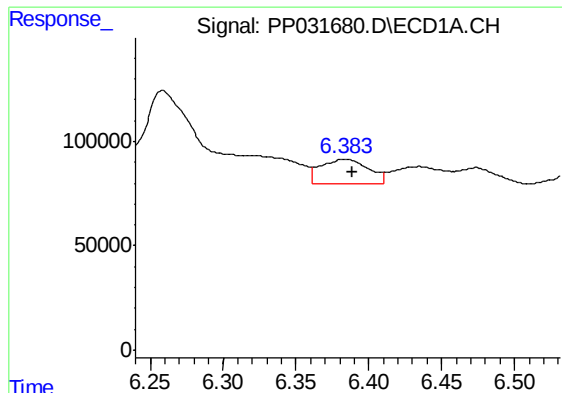
#21 AR-1248-1

R.T.: 6.076 min
Delta R.T.: -0.018 min
Response: 305634
Conc: 330.98 ng/ml



#21 AR-1248-1

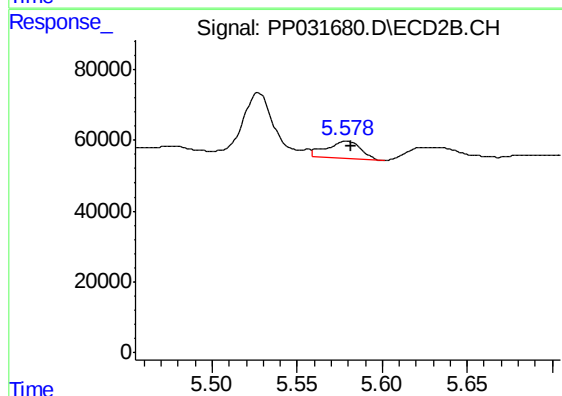
R.T.: 5.314 min
Delta R.T.: -0.004 min
Response: 84735
Conc: 98.38 ng/ml



#22 AR-1248-2

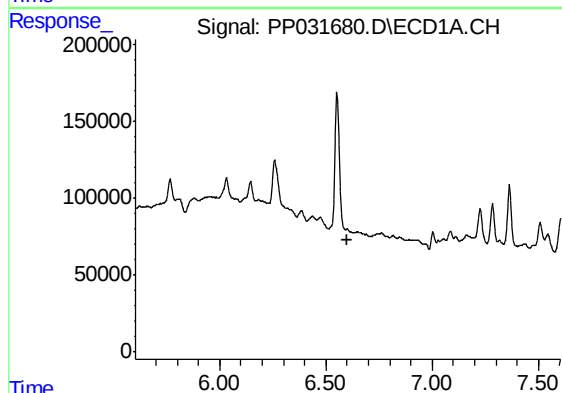
R.T.: 6.383 min
Delta R.T.: -0.006 min
Response: 272552
Conc: 230.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
FD-02



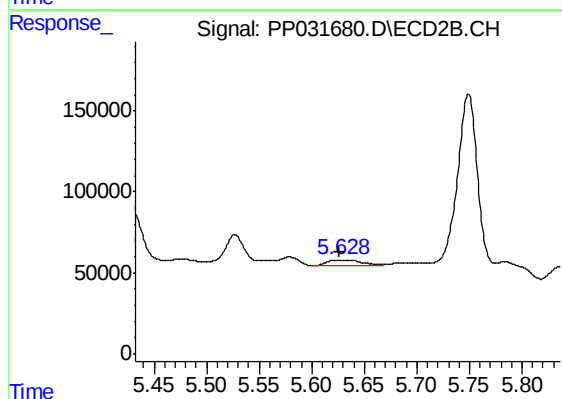
#22 AR-1248-2

R.T.: 5.578 min
Delta R.T.: -0.003 min
Response: 70292
Conc: 58.87 ng/ml



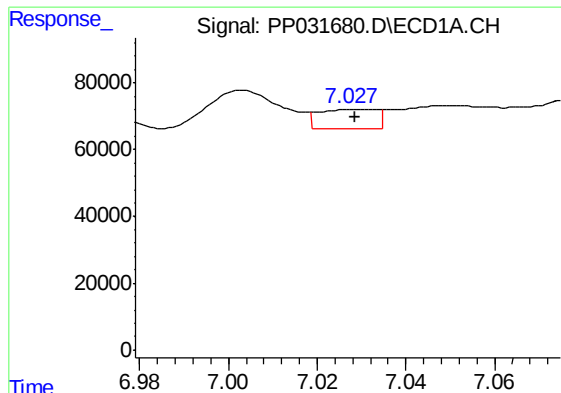
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 6.603 min
Response: 0
Conc: N.D.



#23 AR-1248-3

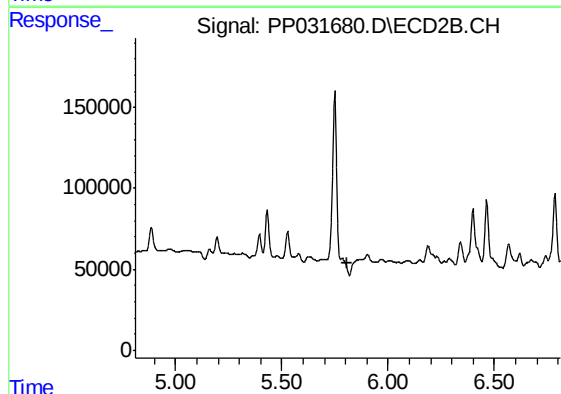
R.T.: 5.629 min
Delta R.T.: 0.002 min
Response: 78548
Conc: 62.06 ng/ml



#24 AR-1248-4

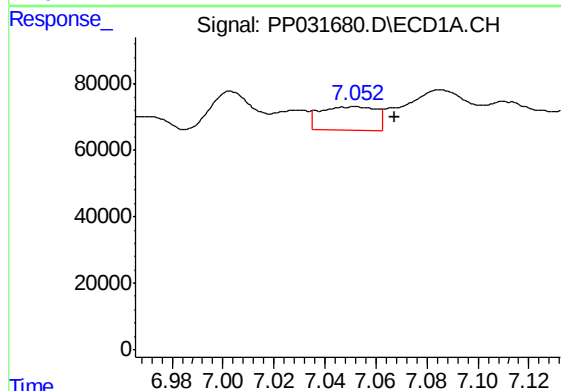
R.T.: 7.029 min
Delta R.T.: 0.000 min
Response: 53966
Conc: 34.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
FD-02



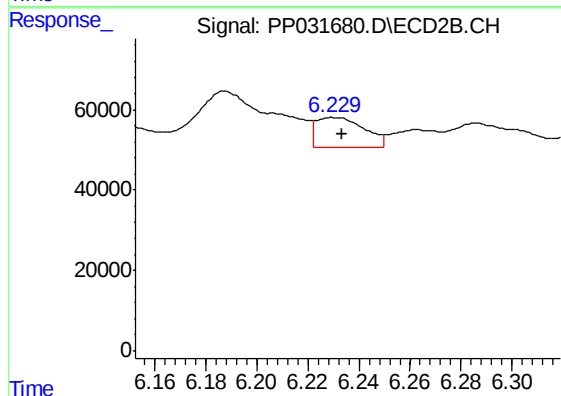
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.811 min
Response: 0
Conc: N.D.



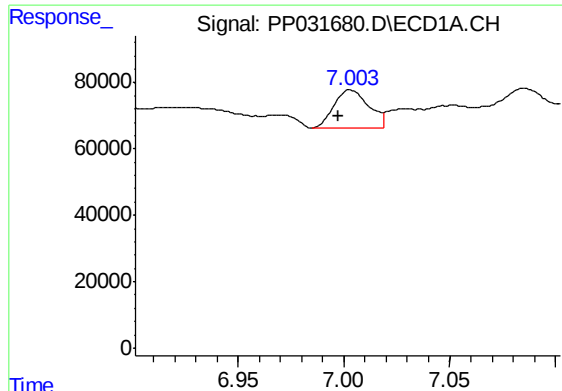
#25 AR-1248-5

R.T.: 7.052 min
Delta R.T.: -0.016 min
Response: 109494
Conc: 68.97 ng/ml



#25 AR-1248-5

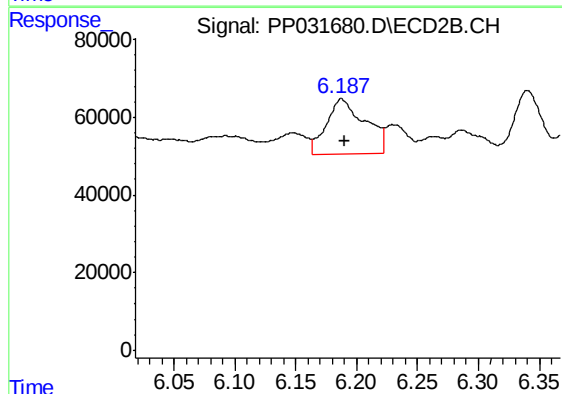
R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 98212
Conc: 67.31 ng/ml



#26 AR-1254-1

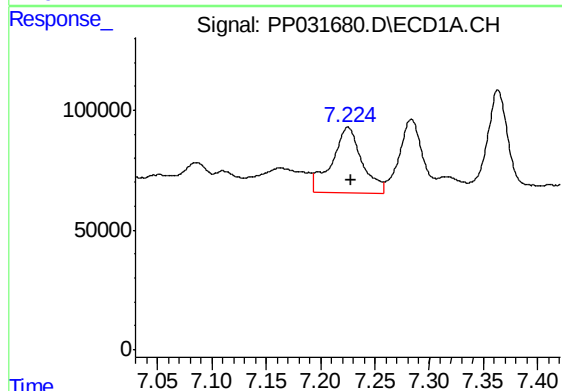
R.T.: 7.003 min
Delta R.T.: 0.006 min
Response: 132338
Conc: 86.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
FD-02



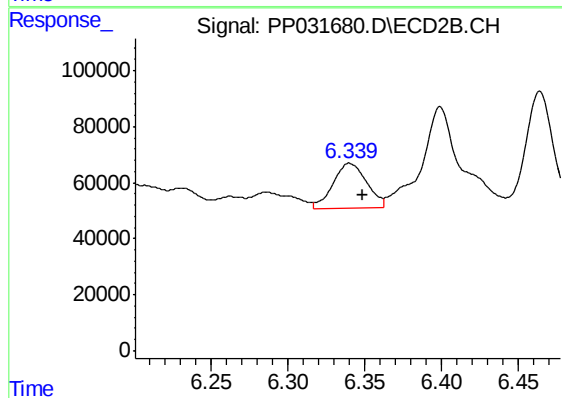
#26 AR-1254-1

R.T.: 6.187 min
Delta R.T.: -0.003 min
Response: 312203
Conc: 144.32 ng/ml



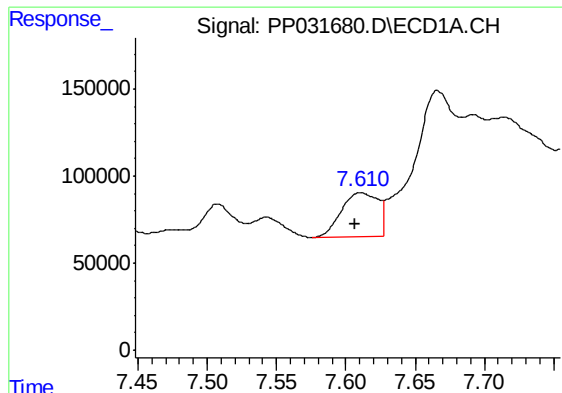
#27 AR-1254-2

R.T.: 7.225 min
Delta R.T.: -0.002 min
Response: 531316
Conc: 228.78 ng/ml



#27 AR-1254-2

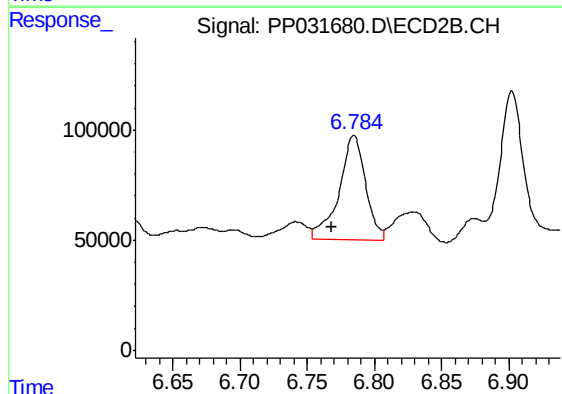
R.T.: 6.340 min
Delta R.T.: -0.009 min
Response: 243133
Conc: 130.51 ng/ml



#28 AR-1254-3

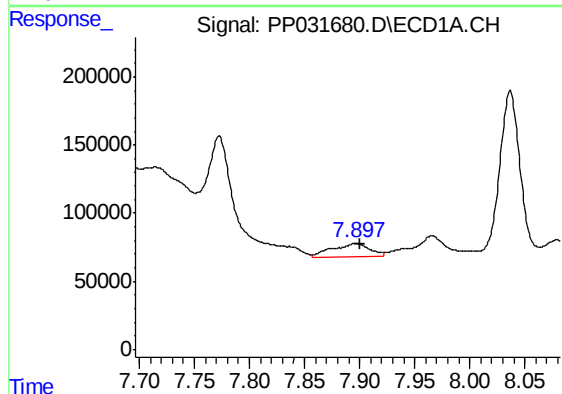
R.T.: 7.610 min
Delta R.T.: 0.004 min
Response: 470380
Conc: 186.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
FD-02



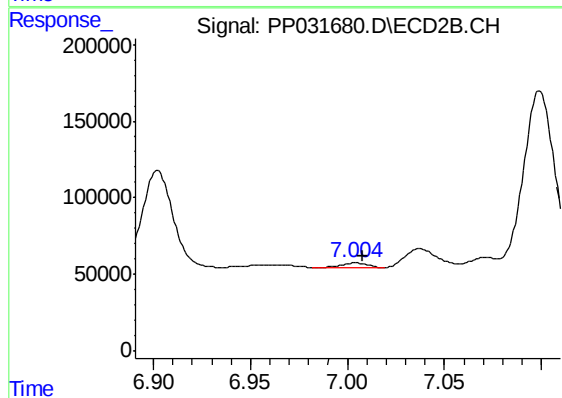
#28 AR-1254-3

R.T.: 6.785 min
Delta R.T.: 0.016 min
Response: 649639
Conc: 210.15 ng/ml



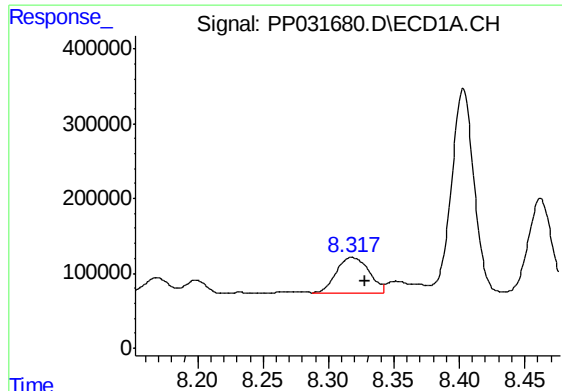
#29 AR-1254-4

R.T.: 7.897 min
Delta R.T.: -0.004 min
Response: 219516
Conc: 129.37 ng/ml



#29 AR-1254-4

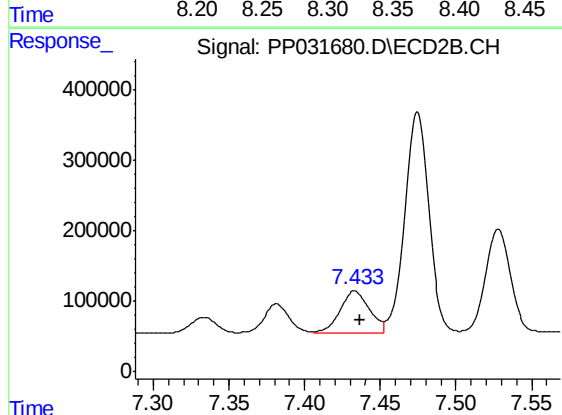
R.T.: 7.005 min
Delta R.T.: -0.004 min
Response: 34673
Conc: 20.41 ng/ml



#30 AR-1254-5

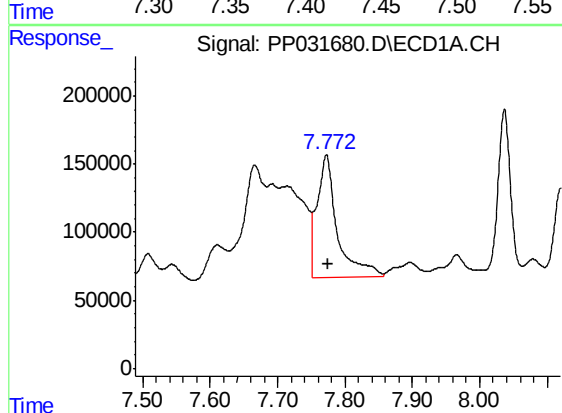
R.T.: 8.318 min
Delta R.T.: -0.010 min
Response: 834430
Conc: 446.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
FD-02



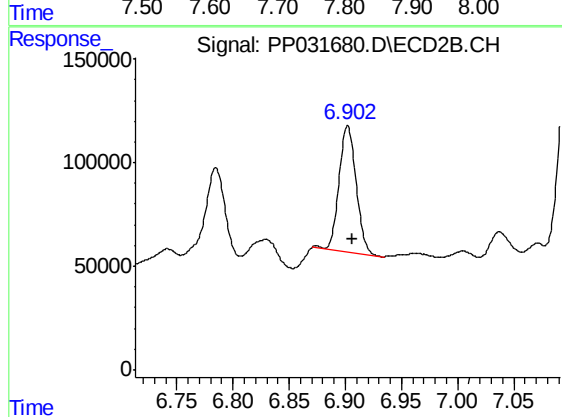
#30 AR-1254-5

R.T.: 7.433 min
Delta R.T.: -0.004 min
Response: 802872
Conc: 297.41 ng/ml



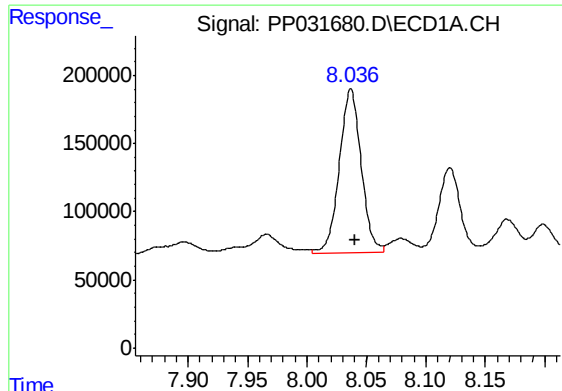
#31 AR-1260-1

R.T.: 7.773 min
Delta R.T.: -0.003 min
Response: 1855150
Conc: 1060.06 ng/ml



#31 AR-1260-1

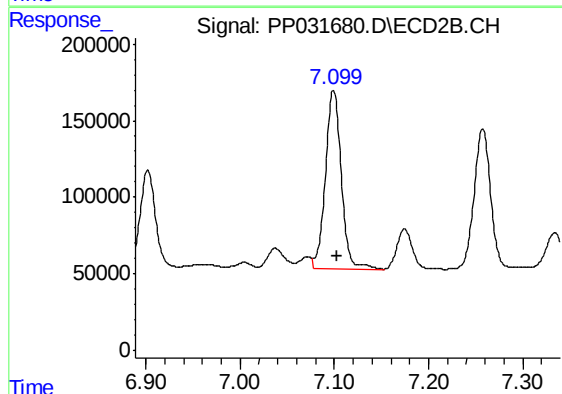
R.T.: 6.902 min
Delta R.T.: -0.004 min
Response: 650189
Conc: 329.03 ng/ml



#32 AR-1260-2

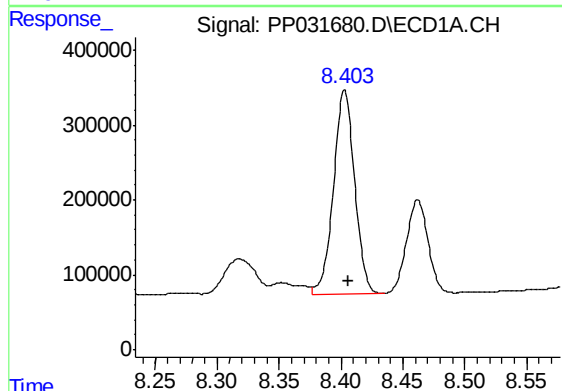
R.T.: 8.037 min
Delta R.T.: -0.003 min
Response: 1532020
Conc: 745.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
FD-02



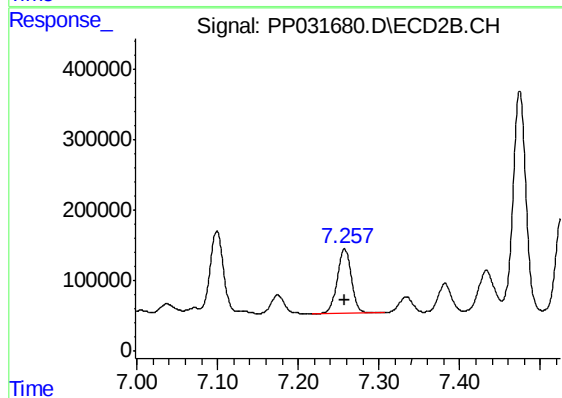
#32 AR-1260-2

R.T.: 7.099 min
Delta R.T.: -0.004 min
Response: 1362613
Conc: 559.54 ng/ml



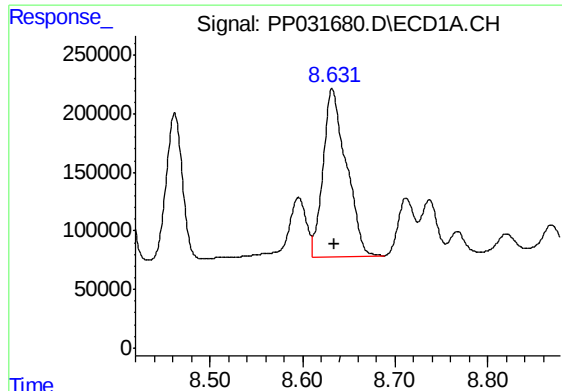
#33 AR-1260-3

R.T.: 8.403 min
Delta R.T.: -0.003 min
Response: 3243234
Conc: 1988.45 ng/ml



#33 AR-1260-3

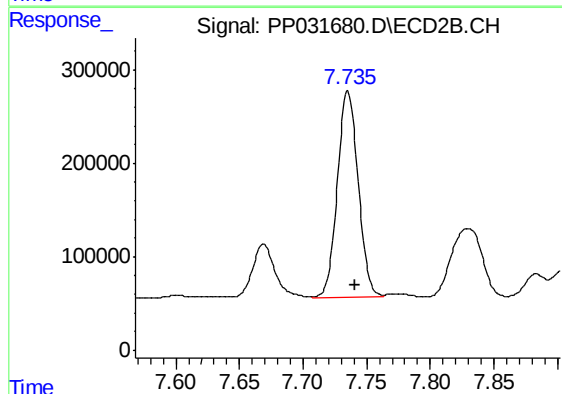
R.T.: 7.257 min
Delta R.T.: 0.000 min
Response: 1104702
Conc: 483.75 ng/ml



#34 AR-1260-4

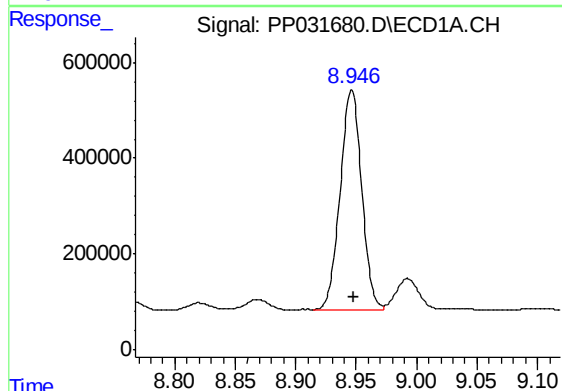
R.T.: 8.632 min
Delta R.T.: -0.002 min
Response: 2489709
Conc: 1352.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
FD-02



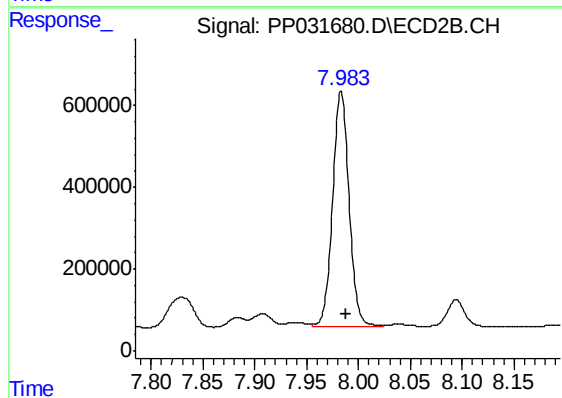
#34 AR-1260-4

R.T.: 7.735 min
Delta R.T.: -0.006 min
Response: 2513507
Conc: 1322.82 ng/ml



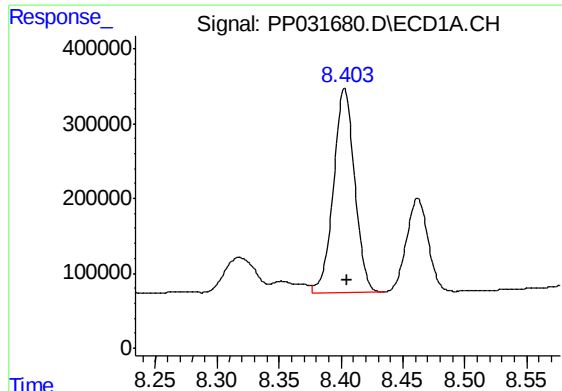
#35 AR-1260-5

R.T.: 8.946 min
Delta R.T.: -0.002 min
Response: 5710392
Conc: 1548.70 ng/ml



#35 AR-1260-5

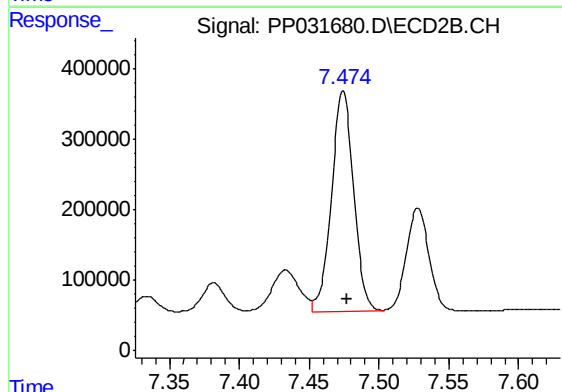
R.T.: 7.983 min
Delta R.T.: -0.005 min
Response: 6452750
Conc: 1421.95 ng/ml



#36 AR-1262-1

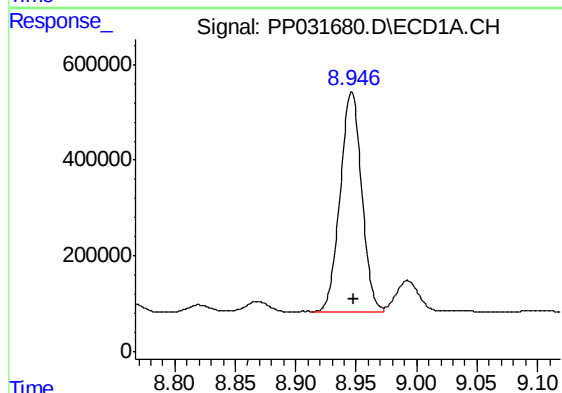
R.T.: 8.403 min
Delta R.T.: -0.002 min
Response: 3243234
Conc: 1427.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
FD-02



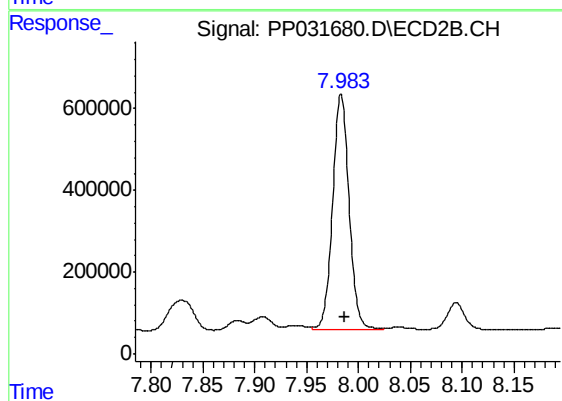
#36 AR-1262-1

R.T.: 7.474 min
Delta R.T.: -0.003 min
Response: 3453447
Conc: 1242.59 ng/ml



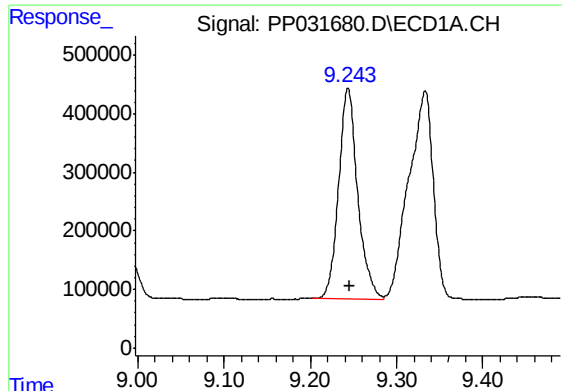
#37 AR-1262-2

R.T.: 8.946 min
Delta R.T.: -0.001 min
Response: 5710392
Conc: 1437.08 ng/ml



#37 AR-1262-2

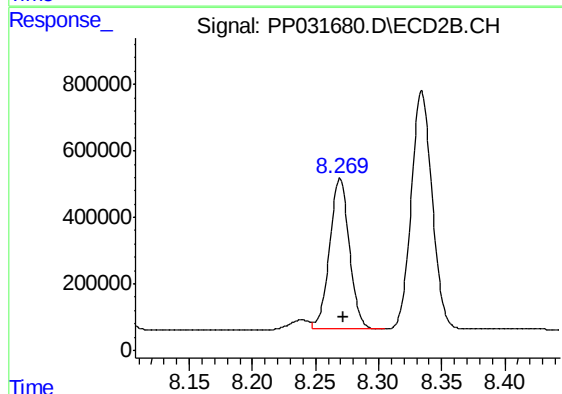
R.T.: 7.983 min
Delta R.T.: -0.003 min
Response: 6452750
Conc: 1328.45 ng/ml



#38 AR-1262-3

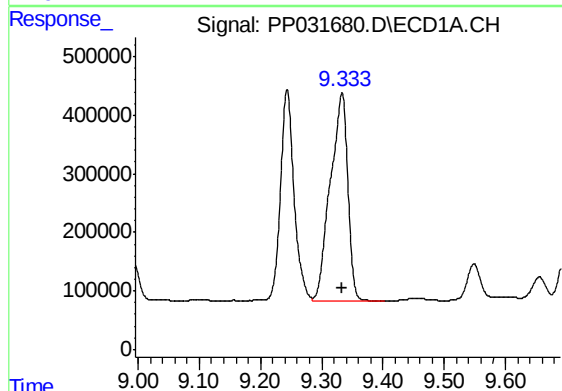
R.T.: 9.244 min
Delta R.T.: -0.003 min
Response: 5523271
Conc: 1985.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
FD-02



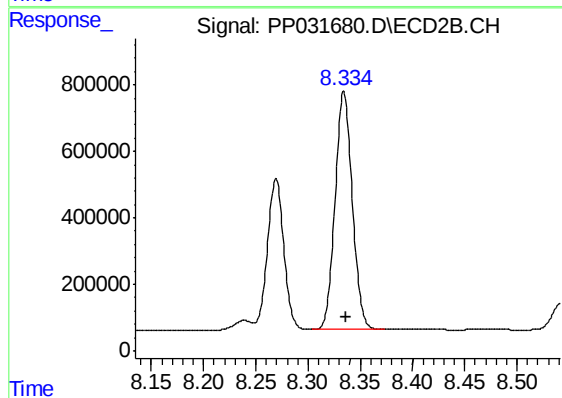
#38 AR-1262-3

R.T.: 8.269 min
Delta R.T.: -0.003 min
Response: 4917261
Conc: 2500.01 ng/ml



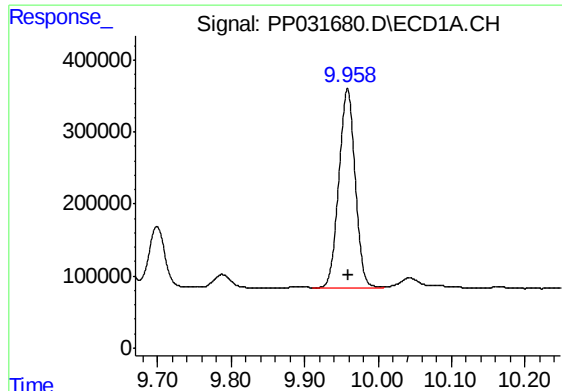
#39 AR-1262-4

R.T.: 9.333 min
Delta R.T.: 0.000 min
Response: 7028742
Conc: 3206.35 ng/ml



#39 AR-1262-4

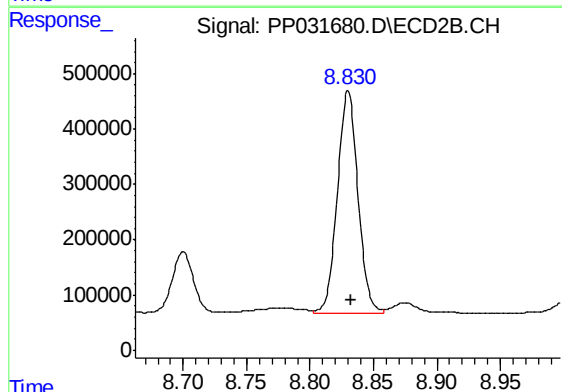
R.T.: 8.334 min
Delta R.T.: -0.002 min
Response: 8238720
Conc: 2272.64 ng/ml



#40 AR-1262-5

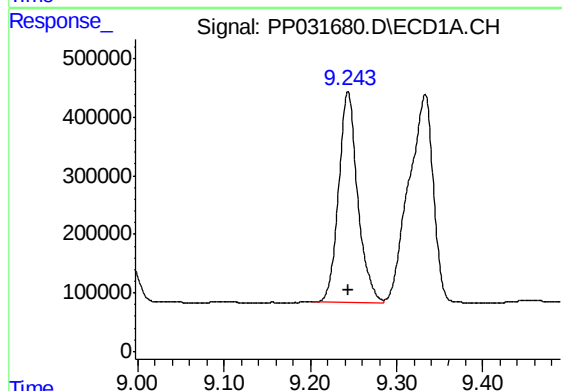
R.T.: 9.959 min
Delta R.T.: -0.002 min
Response: 4255429
Conc: 2914.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
FD-02



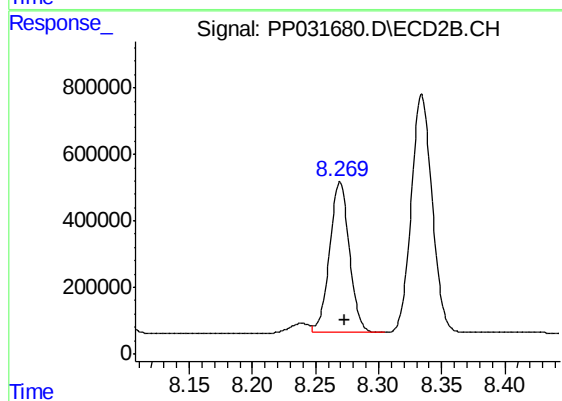
#40 AR-1262-5

R.T.: 8.830 min
Delta R.T.: -0.003 min
Response: 4541021
Conc: 2797.59 ng/ml



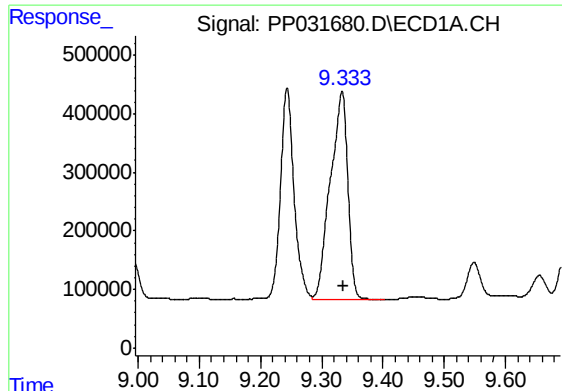
#41 AR-1268-1

R.T.: 9.244 min
Delta R.T.: 0.000 min
Response: 5523271
Conc: 1149.35 ng/ml



#41 AR-1268-1

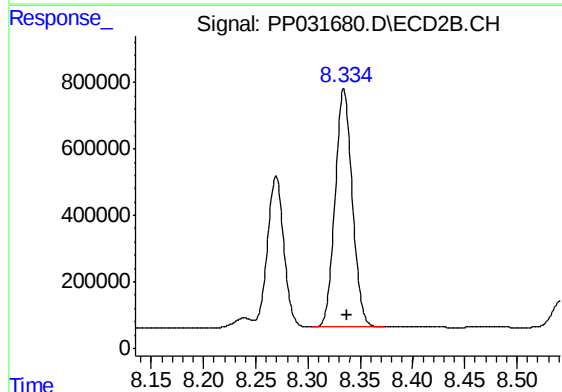
R.T.: 8.269 min
Delta R.T.: -0.004 min
Response: 4917261
Conc: 888.71 ng/ml



#42 AR-1268-2

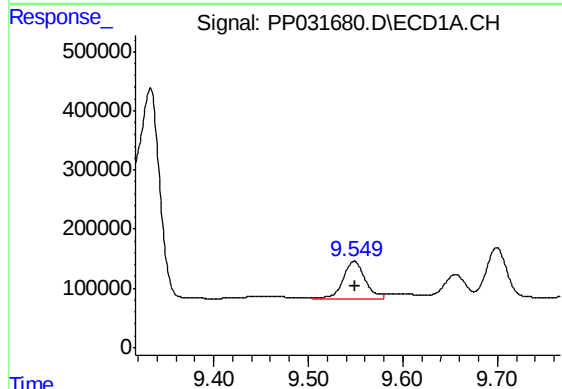
R.T.: 9.333 min
Delta R.T.: -0.002 min
Response: 7028742
Conc: 1509.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
FD-02



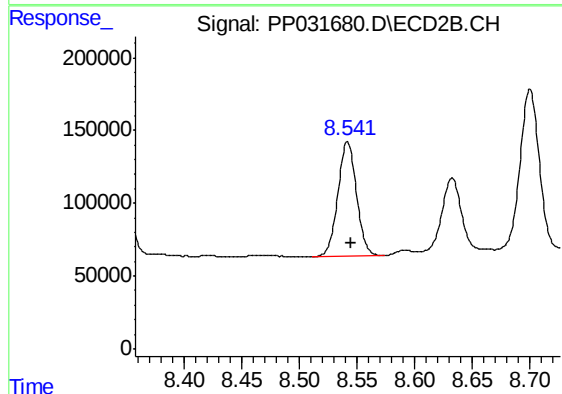
#42 AR-1268-2

R.T.: 8.334 min
Delta R.T.: -0.003 min
Response: 8238720
Conc: 1523.80 ng/ml



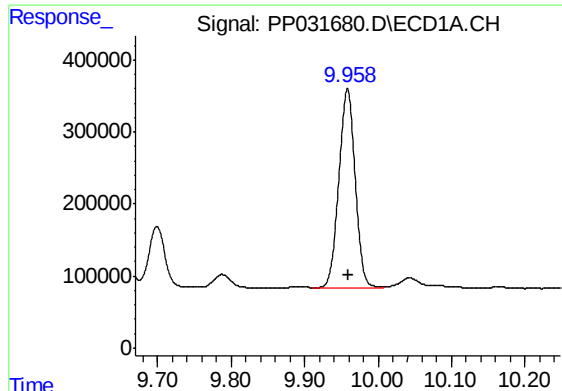
#43 AR-1268-3

R.T.: 9.549 min
Delta R.T.: -0.001 min
Response: 1002122
Conc: 247.82 ng/ml



#43 AR-1268-3

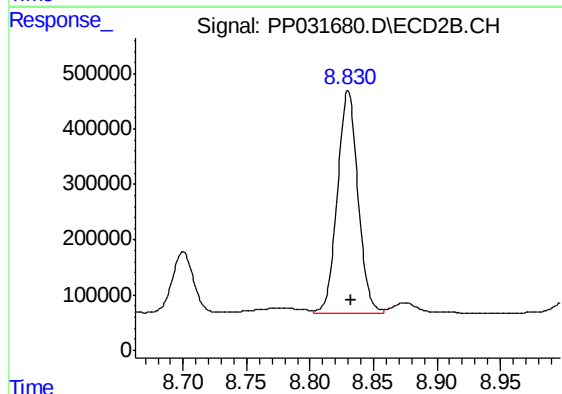
R.T.: 8.542 min
Delta R.T.: -0.003 min
Response: 888382
Conc: 193.69 ng/ml



#44 AR-1268-4

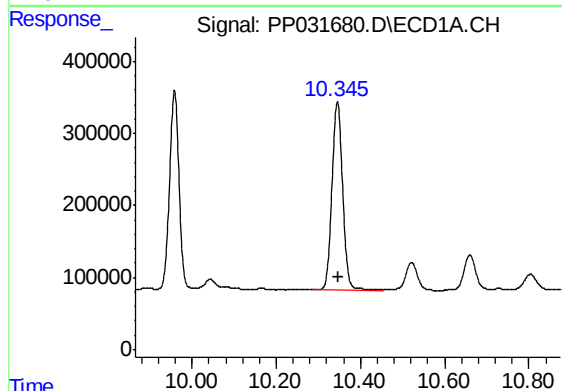
R.T.: 9.959 min
Delta R.T.: -0.001 min
Response: 4255429
Conc: 2739.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
FD-02



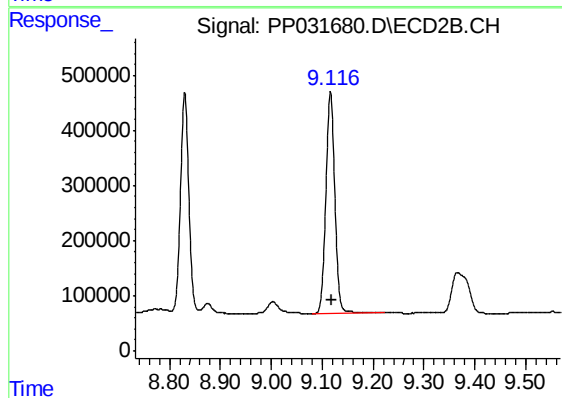
#44 AR-1268-4

R.T.: 8.830 min
Delta R.T.: -0.003 min
Response: 4541021
Conc: 2491.36 ng/ml



#45 AR-1268-5

R.T.: 10.345 min
Delta R.T.: -0.002 min
Response: 4581400
Conc: 375.57 ng/ml



#45 AR-1268-5

R.T.: 9.116 min
Delta R.T.: -0.003 min
Response: 4867944
Conc: 351.54 ng/ml