

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR111719\
 Data File : PR043214.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Nov 2019 01:43
 Operator : SM\AJ
 Sample : K5865-18MSD
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 2-(6-8)MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 06:24:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR111519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 19 05:29:57 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.709	3.969	69280692	230.0E6	23.393	24.201
2)	SA Decachlor...	10.619	9.060	81987615	213.8E6	23.446	25.149
Target Compounds							
3)	L1 AR-1016-1	5.885	5.061	34994394	106.4E6	272.815	285.342
4)	L1 AR-1016-2	5.908	5.082	49051231	143.3E6	270.903	279.468
5)	L1 AR-1016-3	5.971	5.260	29694740	68333004	265.540	298.835
6)	L1 AR-1016-4	6.071	5.299	24378594	51460884	262.843	278.950
7)	L1 AR-1016-5	6.364	5.516	25103344	57856047	269.569	349.193 #
8)	L2 AR-1221-1	0.000	4.180	0	12199751	N.D.	101.608 #
9)	L2 AR-1221-2	0.000	4.269	0	14222805	N.D.	155.549 #
10)	L2 AR-1221-3	5.084	4.345	15926271	53658407	177.504	190.320
11)	L3 AR-1232-1	5.084	4.345	15926271	53658407	125.118	131.630
12)	L3 AR-1232-2	5.617	5.082	22688321	143.3E6	335.854	349.979
13)	L3 AR-1232-3	5.908	5.260	49051231	68333004	337.558	366.257
14)	L3 AR-1232-4	6.071	5.343	24378594	60454898	327.838	391.994
15)	L3 AR-1232-5	6.158	5.516	22181999	57856047	388.157	484.017
16)	L4 AR-1242-1	5.885	5.061	34994394	106.4E6	339.041	355.612
17)	L4 AR-1242-2	5.908	5.082	49051231	143.3E6	333.116	349.194
18)	L4 AR-1242-3	5.971	5.260	29694740	68333004	328.902	352.521
19)	L4 AR-1242-4	6.071	5.343	24378594	60454898	325.979	339.920
20)	L4 AR-1242-5	6.742	5.868	10286700	46350062	113.394	179.002 #
21)	L5 AR-1248-1	5.885	5.061	34994394	106.4E6	494.742	505.520
22)	L5 AR-1248-2	6.158	5.299	22181999	51460884	218.013	223.773
23)	L5 AR-1248-3	6.364	5.343	25103344	60454898	216.300	264.590
24)	L5 AR-1248-4	6.742	5.516	10286700	57856047	71.316	285.021 #
25)	L5 AR-1248-5	6.742	5.910	10286700	8100891	75.567	25.599 #
26)	L6 AR-1254-1	6.742	5.868	10286700	46350062	73.090	102.190 #
27)	L6 AR-1254-2	6.958	6.015	18438869	44377702	86.610	101.334
28)	L6 AR-1254-3	7.328	6.436	11670311	114.5E6	44.641	146.329 #
29)	L6 AR-1254-4	7.614	6.649	7746403	16434952	37.913	27.702 #
30)	L6 AR-1254-5	8.032	7.067	63817284	172.5E6	288.668	226.986
31)	L7 AR-1260-1	7.491	6.551	45143277	127.9E6	248.104	249.578
32)	L7 AR-1260-2	7.746	6.738	54819071	187.2E6	229.844	262.927
33)	L7 AR-1260-3	8.107	6.893	41167348	151.3E6	219.500	256.862
34)	L7 AR-1260-4	8.345	7.365	49683709	125.7E6	240.635	249.245
35)	L7 AR-1260-5	8.683	7.605	101.5E6	374.8E6	235.290	261.617
36)	L8 AR-1262-1	8.107	7.159	41167348	77114186	146.698	208.042 #
37)	L8 AR-1262-2	8.683	7.605	101.5E6	374.8E6	192.529	208.959
38)	L8 AR-1262-3	9.034	7.890	66451155	84784765	197.969	125.348 #
39)	L8 AR-1262-4	9.091	7.954	40847693	241.2E6	315.860	203.679 #
40)	L8 AR-1262-5	9.811	8.469	31134412	94887099	190.971	185.625
41)	L9 AR-1268-1	9.034	7.890	66451155	84784765	109.533	41.297 #
42)	L9 AR-1268-2	9.091	7.954	40847693	241.2E6	74.508	135.160 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR111719\
 Data File : PR043214.D
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 Acq On : 18 Nov 2019 01:43
 Operator : SM\AJ
 Sample : K5865-18MSD
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

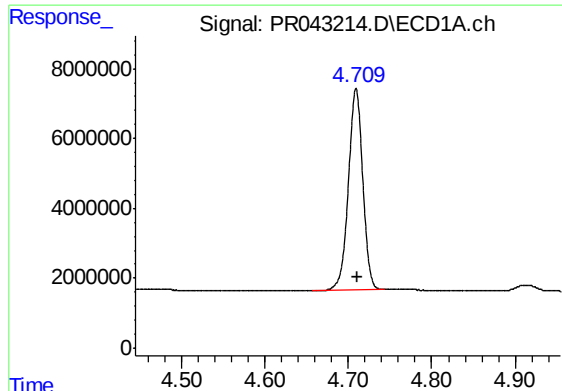
Instrument :
 ECD_R
 ClientSampleId :
 2-(6-8)MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 06:24:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR111519.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	9.811	8.469	31134412	94887099	168.203	165.497
45) L9	AR-1268-5	10.255	8.784	8557211	23684893	5.725	5.820

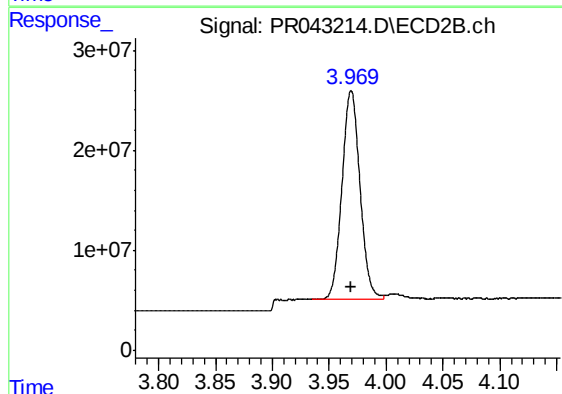
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

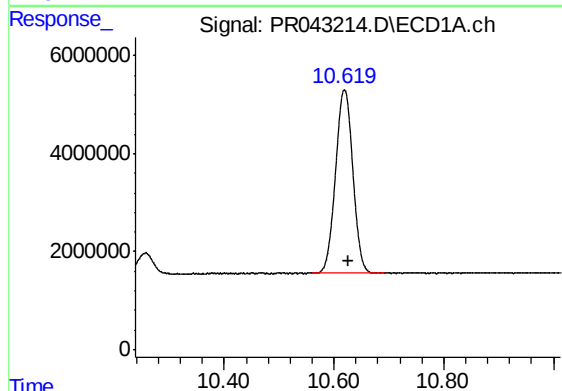
R.T.: 4.709 min
Delta R.T.: -0.002 min
Response: 69280692
Conc: 23.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
2-(6-8)MSD



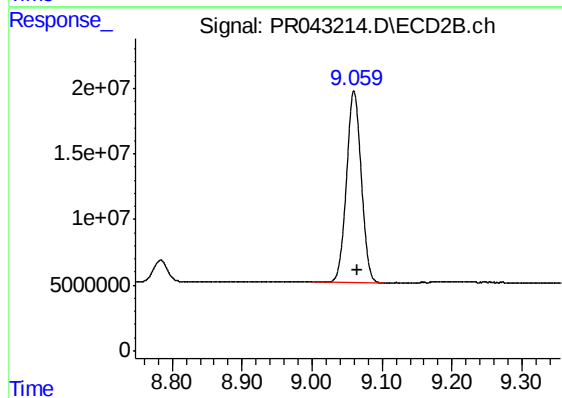
#1 Tetrachloro-m-xylene

R.T.: 3.969 min
Delta R.T.: 0.000 min
Response: 230018793
Conc: 24.20 ng/ml



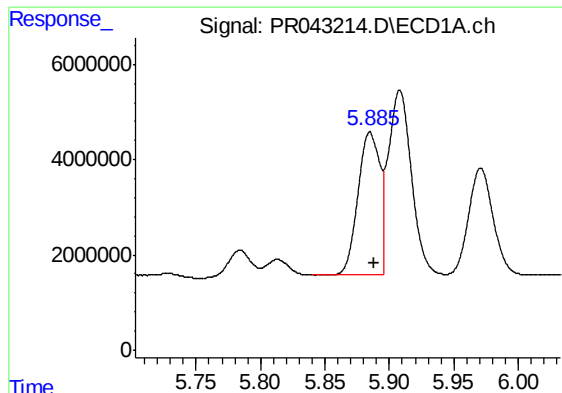
#2 Decachlorobiphenyl

R.T.: 10.619 min
Delta R.T.: -0.007 min
Response: 81987615
Conc: 23.45 ng/ml



#2 Decachlorobiphenyl

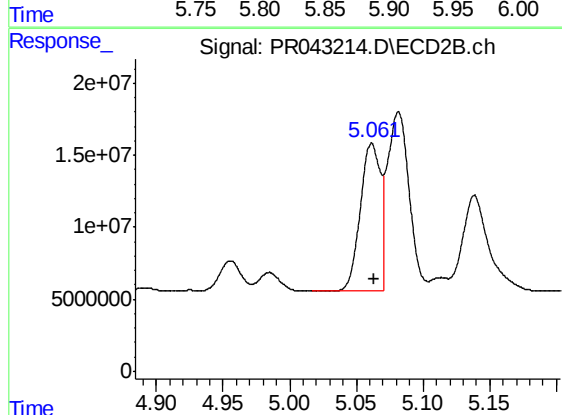
R.T.: 9.060 min
Delta R.T.: -0.006 min
Response: 213770212
Conc: 25.15 ng/ml



#3 AR-1016-1

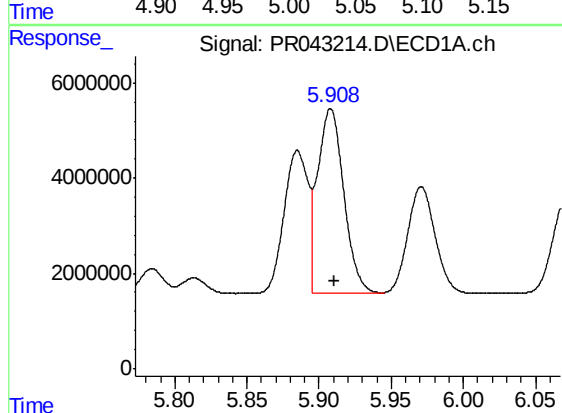
R.T.: 5.885 min
Delta R.T.: -0.003 min
Response: 34994394
Conc: 272.81 ng/ml

Instrument :
ECD_R
ClientSampleId :
2-(6-8)MSD



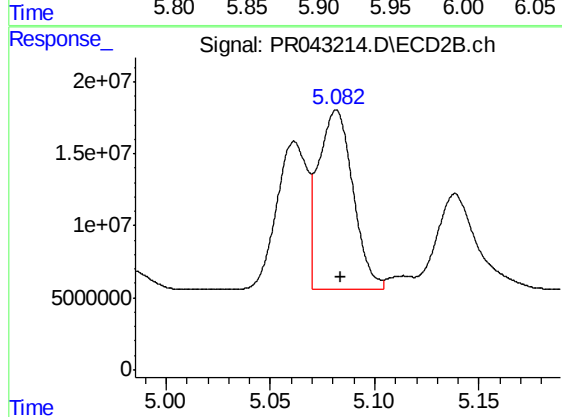
#3 AR-1016-1

R.T.: 5.061 min
Delta R.T.: -0.002 min
Response: 106407561
Conc: 285.34 ng/ml



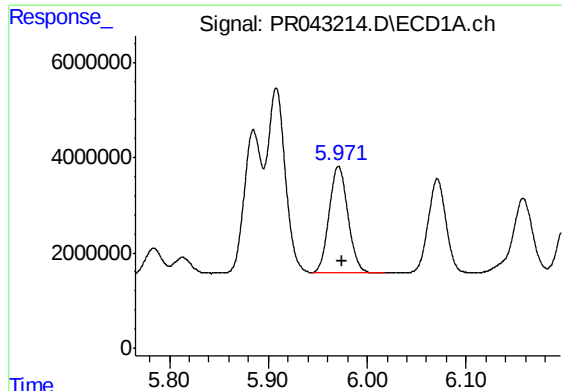
#4 AR-1016-2

R.T.: 5.908 min
Delta R.T.: -0.003 min
Response: 49051231
Conc: 270.90 ng/ml



#4 AR-1016-2

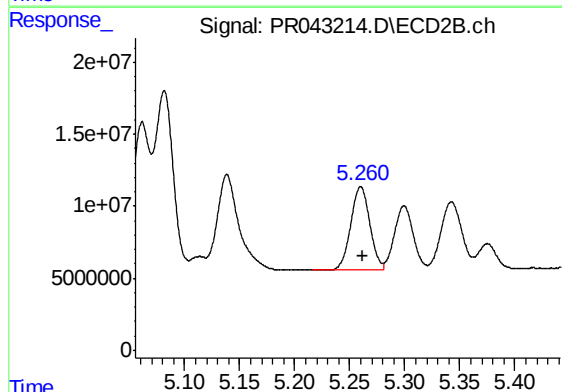
R.T.: 5.082 min
Delta R.T.: -0.002 min
Response: 143320330
Conc: 279.47 ng/ml



#5 AR-1016-3

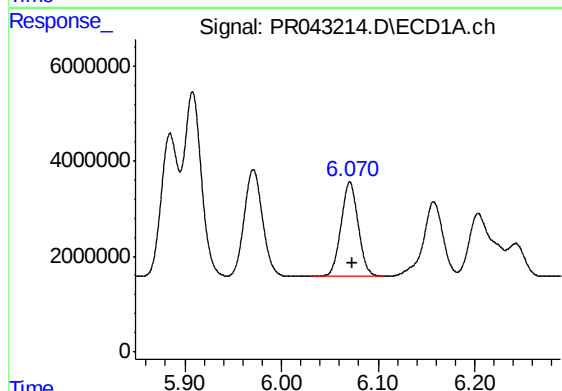
R.T.: 5.971 min
Delta R.T.: -0.003 min
Response: 29694740
Conc: 265.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
2-(6-8)MSD



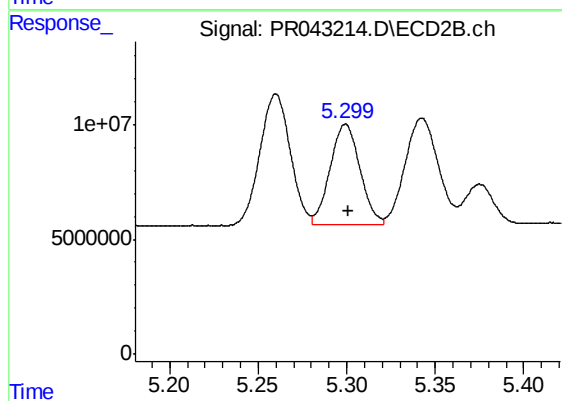
#5 AR-1016-3

R.T.: 5.260 min
Delta R.T.: -0.002 min
Response: 68333004
Conc: 298.84 ng/ml



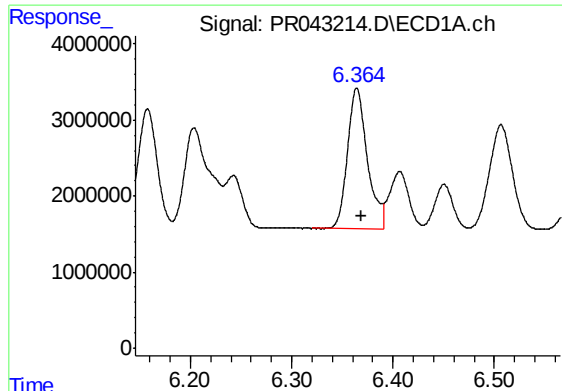
#6 AR-1016-4

R.T.: 6.071 min
Delta R.T.: -0.003 min
Response: 24378594
Conc: 262.84 ng/ml



#6 AR-1016-4

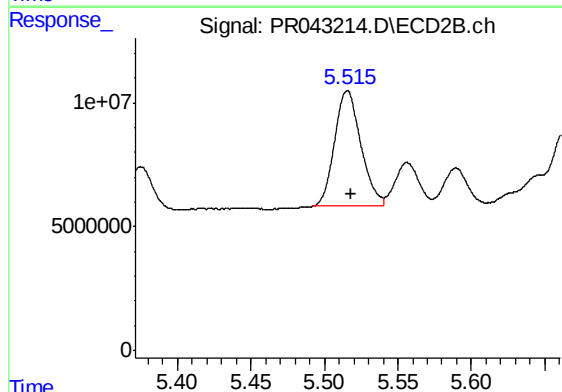
R.T.: 5.299 min
Delta R.T.: -0.002 min
Response: 51460884
Conc: 278.95 ng/ml



#7 AR-1016-5

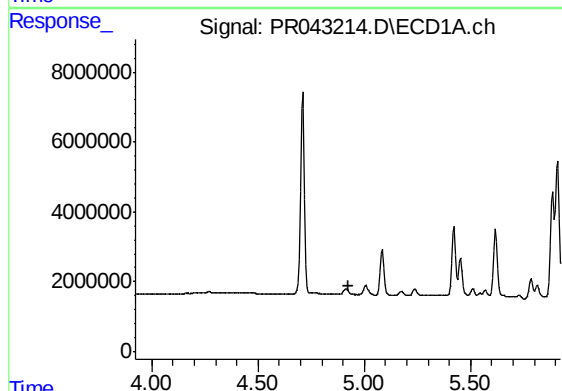
R.T.: 6.364 min
Delta R.T.: -0.004 min
Response: 25103344
Conc: 269.57 ng/ml

Instrument :
ECD_R
ClientSampleId :
2-(6-8)MSD



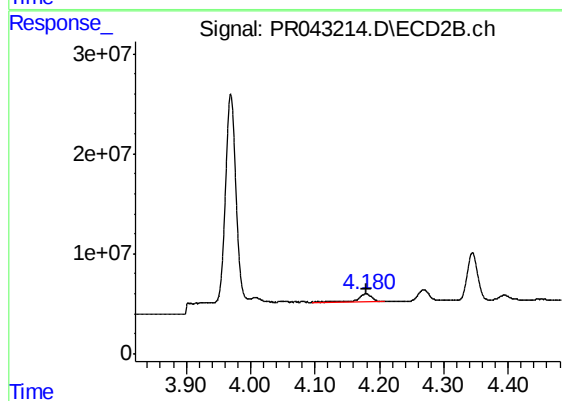
#7 AR-1016-5

R.T.: 5.516 min
Delta R.T.: -0.002 min
Response: 57856047
Conc: 349.19 ng/ml



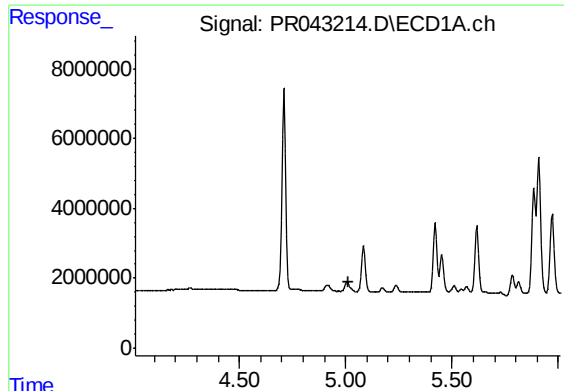
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.923 min
Response: 0
Conc: N.D.



#8 AR-1221-1

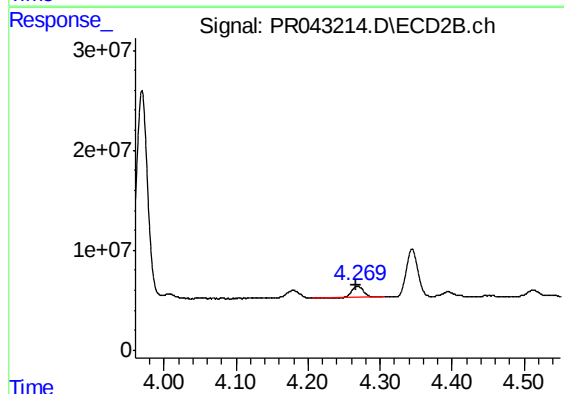
R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 12199751
Conc: 101.61 ng/ml



#9 AR-1221-2

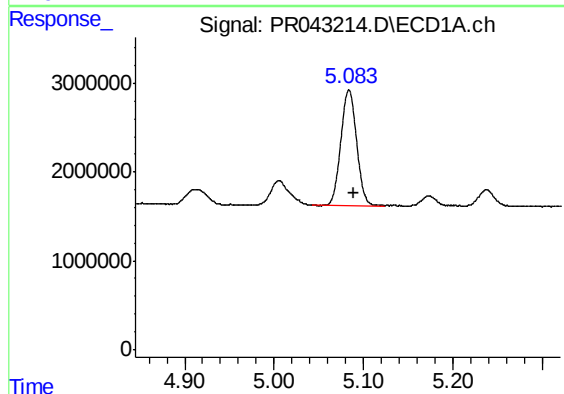
R.T.: 0.000 min
Exp R.T.: 5.011 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
2-(6-8)MSD



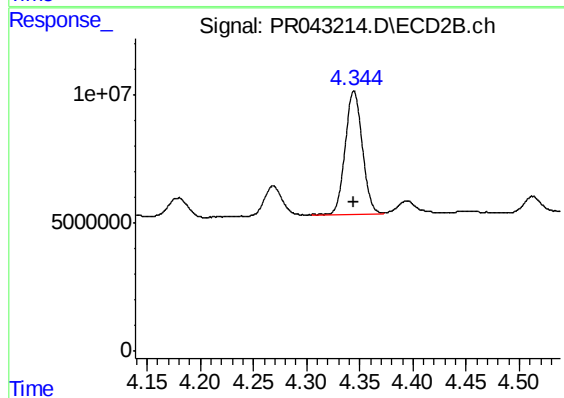
#9 AR-1221-2

R.T.: 4.269 min
Delta R.T.: 0.001 min
Response: 14222805
Conc: 155.55 ng/ml



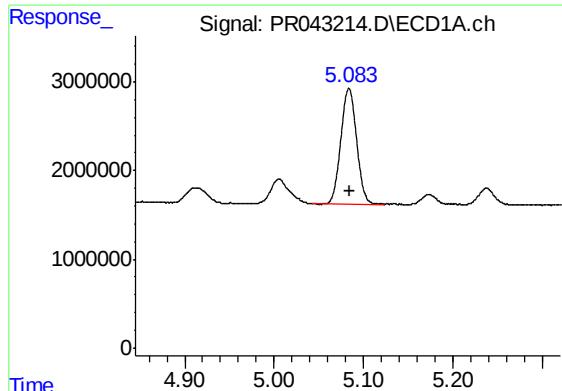
#10 AR-1221-3

R.T.: 5.084 min
Delta R.T.: -0.006 min
Response: 15926271
Conc: 177.50 ng/ml



#10 AR-1221-3

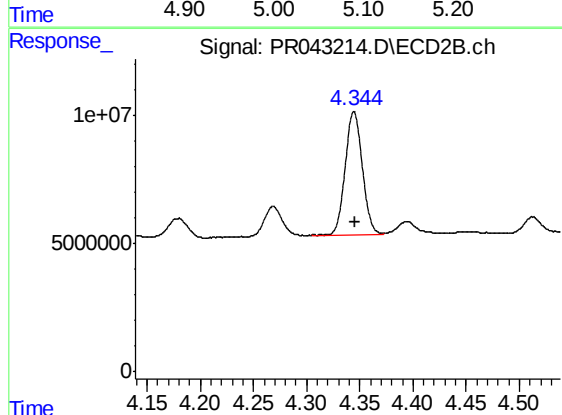
R.T.: 4.345 min
Delta R.T.: 0.000 min
Response: 53658407
Conc: 190.32 ng/ml



#11 AR-1232-1

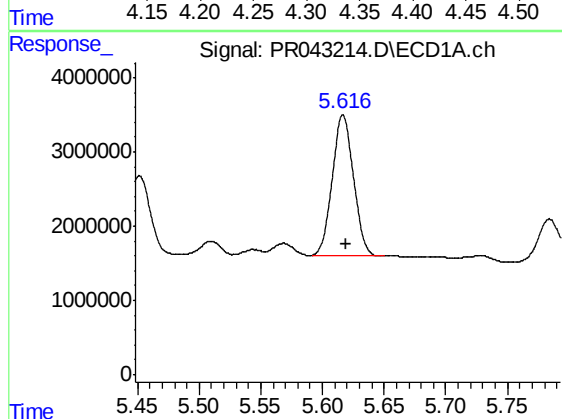
R.T.: 5.084 min
Delta R.T.: -0.001 min
Response: 15926271
Conc: 125.12 ng/ml

Instrument :
ECD_R
ClientSampleId :
2-(6-8)MSD



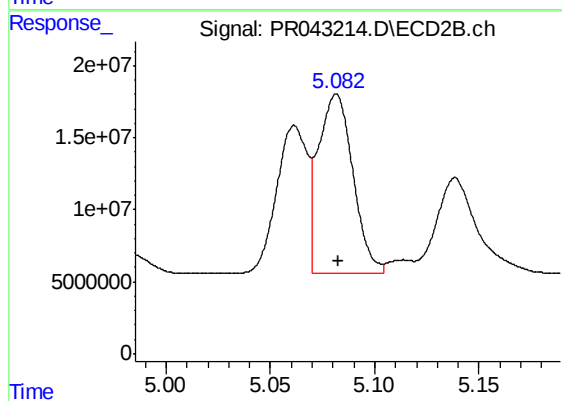
#11 AR-1232-1

R.T.: 4.345 min
Delta R.T.: 0.000 min
Response: 53658407
Conc: 131.63 ng/ml



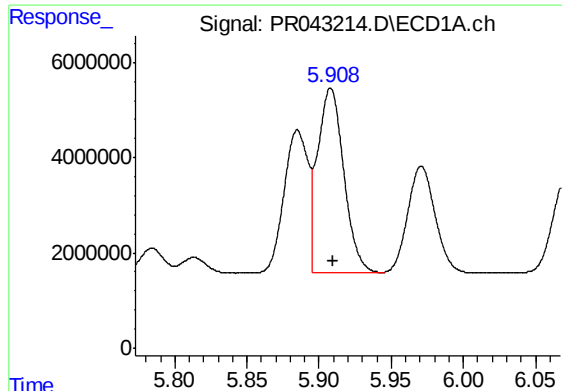
#12 AR-1232-2

R.T.: 5.617 min
Delta R.T.: -0.002 min
Response: 22688321
Conc: 335.85 ng/ml



#12 AR-1232-2

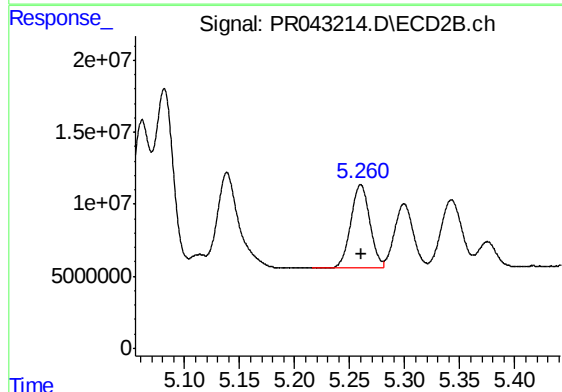
R.T.: 5.082 min
Delta R.T.: -0.001 min
Response: 143320330
Conc: 349.98 ng/ml



#13 AR-1232-3

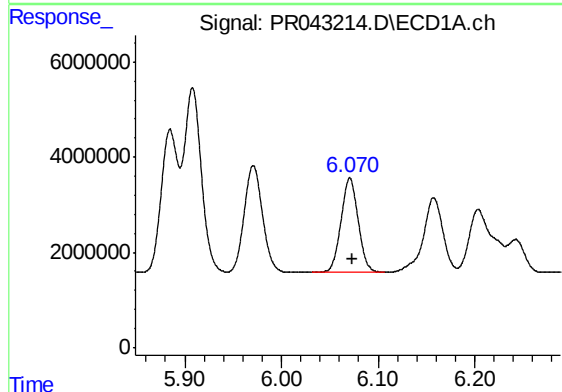
R.T.: 5.908 min
Delta R.T.: -0.002 min
Response: 49051231
Conc: 337.56 ng/ml

Instrument :
ECD_R
ClientSampleId :
2-(6-8)MSD



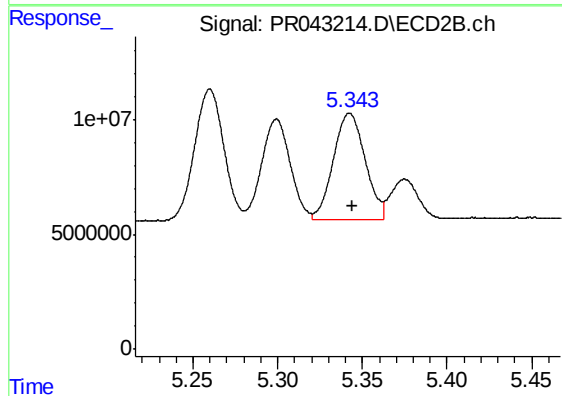
#13 AR-1232-3

R.T.: 5.260 min
Delta R.T.: 0.000 min
Response: 68333004
Conc: 366.26 ng/ml



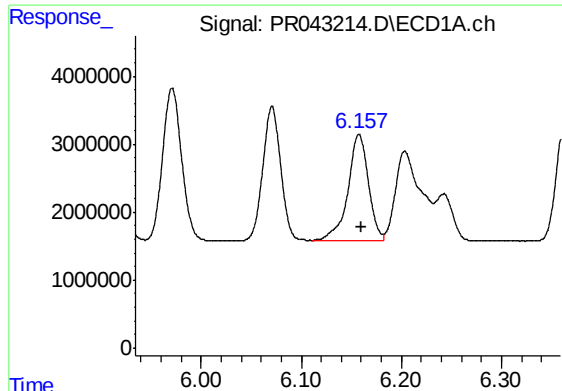
#14 AR-1232-4

R.T.: 6.071 min
Delta R.T.: -0.003 min
Response: 24378594
Conc: 327.84 ng/ml



#14 AR-1232-4

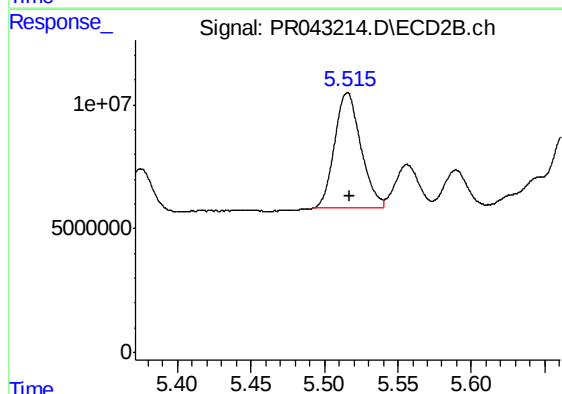
R.T.: 5.343 min
Delta R.T.: -0.001 min
Response: 60454898
Conc: 391.99 ng/ml



#15 AR-1232-5

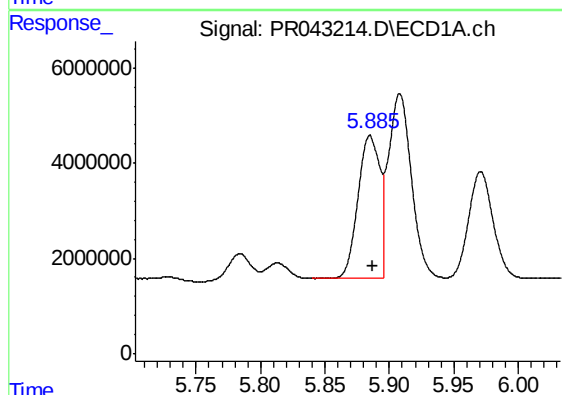
R.T.: 6.158 min
Delta R.T.: -0.002 min
Response: 22181999
Conc: 388.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
2-(6-8)MSD



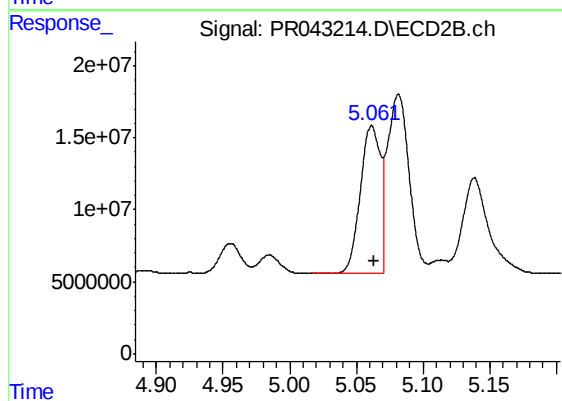
#15 AR-1232-5

R.T.: 5.516 min
Delta R.T.: -0.001 min
Response: 57856047
Conc: 484.02 ng/ml



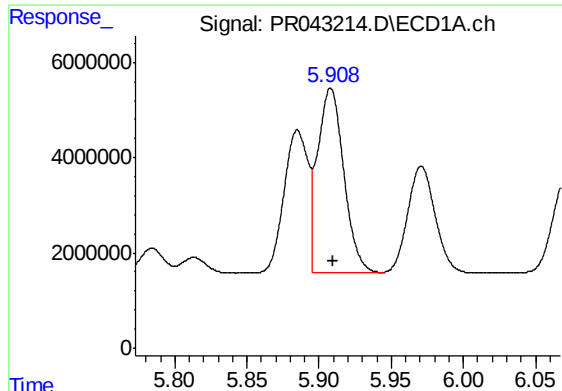
#16 AR-1242-1

R.T.: 5.885 min
Delta R.T.: -0.002 min
Response: 34994394
Conc: 339.04 ng/ml



#16 AR-1242-1

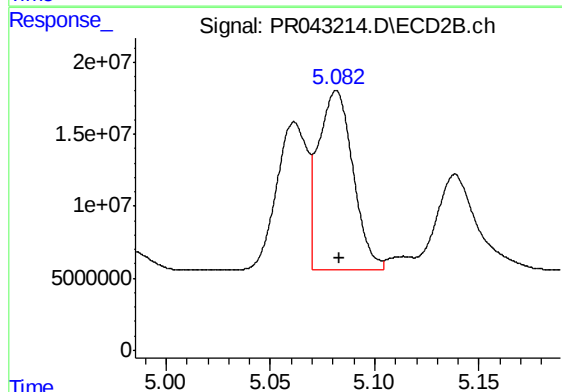
R.T.: 5.061 min
Delta R.T.: -0.002 min
Response: 106407561
Conc: 355.61 ng/ml



#17 AR-1242-2

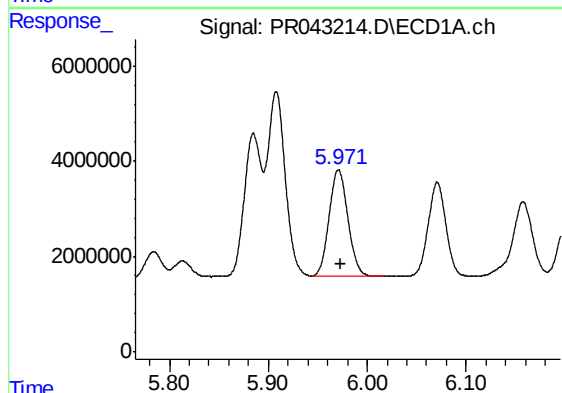
R.T.: 5.908 min
Delta R.T.: -0.002 min
Response: 49051231
Conc: 333.12 ng/ml

Instrument :
ECD_R
ClientSampleId :
2-(6-8)MSD



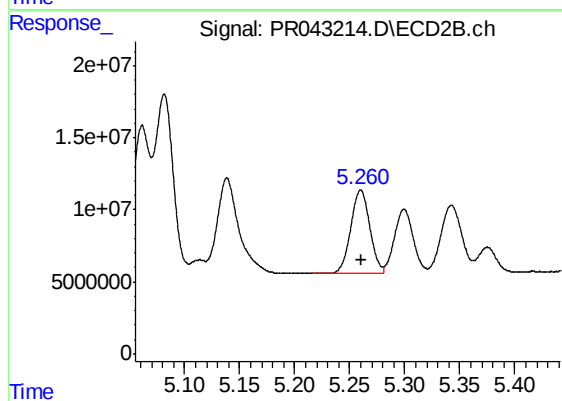
#17 AR-1242-2

R.T.: 5.082 min
Delta R.T.: -0.002 min
Response: 143320330
Conc: 349.19 ng/ml



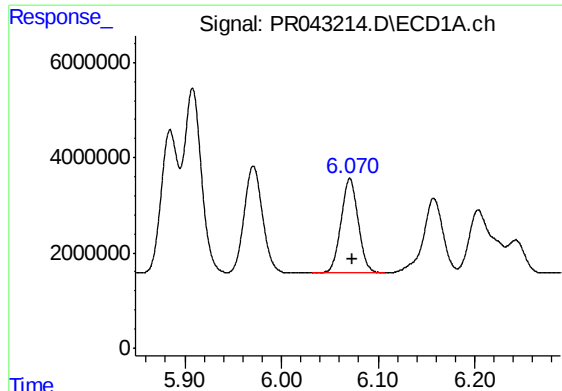
#18 AR-1242-3

R.T.: 5.971 min
Delta R.T.: -0.002 min
Response: 29694740
Conc: 328.90 ng/ml



#18 AR-1242-3

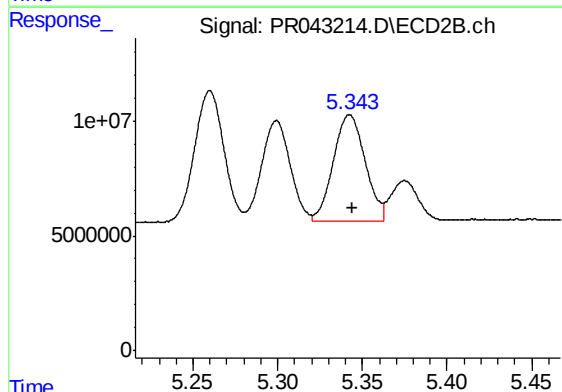
R.T.: 5.260 min
Delta R.T.: 0.000 min
Response: 68333004
Conc: 352.52 ng/ml



#19 AR-1242-4

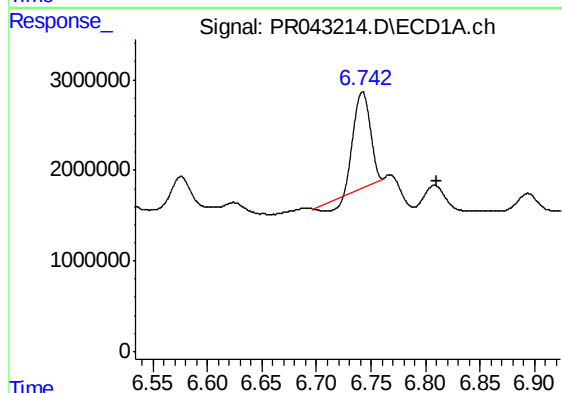
R.T.: 6.071 min
Delta R.T.: -0.003 min
Response: 24378594
Conc: 325.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
2-(6-8)MSD



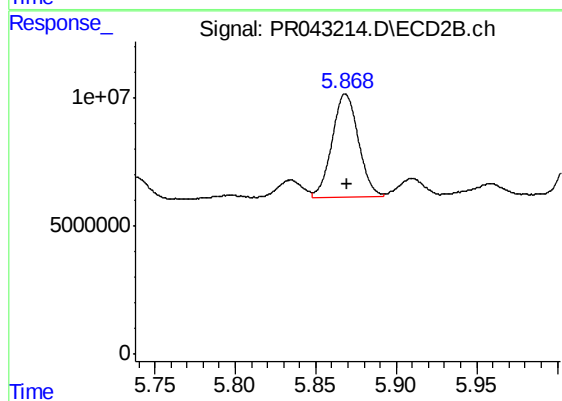
#19 AR-1242-4

R.T.: 5.343 min
Delta R.T.: -0.001 min
Response: 60454898
Conc: 339.92 ng/ml



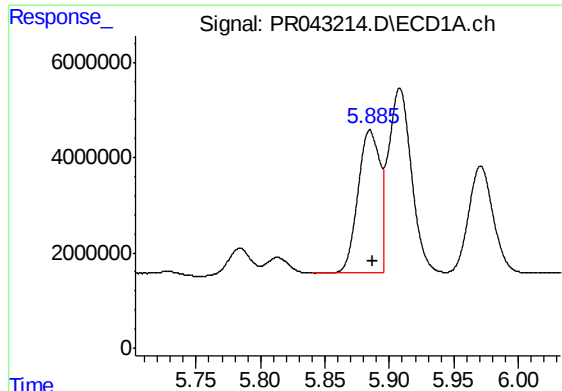
#20 AR-1242-5

R.T.: 6.742 min
Delta R.T.: -0.068 min
Response: 10286700
Conc: 113.39 ng/ml



#20 AR-1242-5

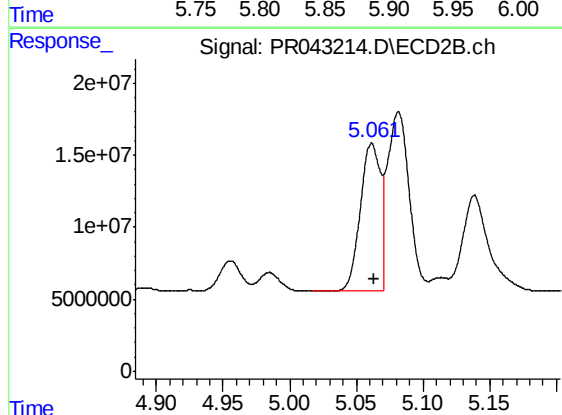
R.T.: 5.868 min
Delta R.T.: 0.000 min
Response: 46350062
Conc: 179.00 ng/ml



#21 AR-1248-1

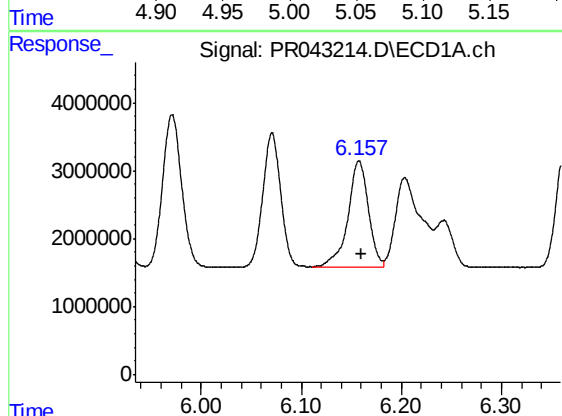
R.T.: 5.885 min
Delta R.T.: -0.002 min
Response: 34994394
Conc: 494.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
2-(6-8)MSD



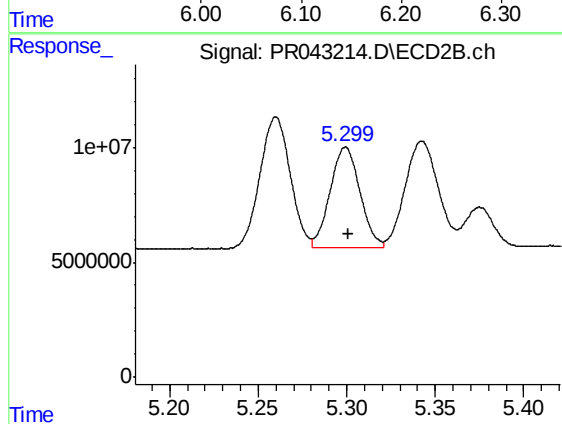
#21 AR-1248-1

R.T.: 5.061 min
Delta R.T.: -0.002 min
Response: 106407561
Conc: 505.52 ng/ml



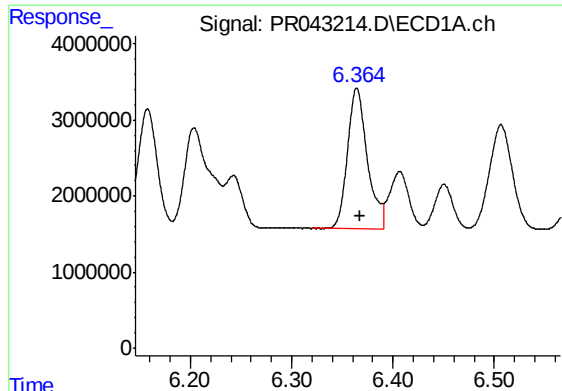
#22 AR-1248-2

R.T.: 6.158 min
Delta R.T.: -0.002 min
Response: 22181999
Conc: 218.01 ng/ml



#22 AR-1248-2

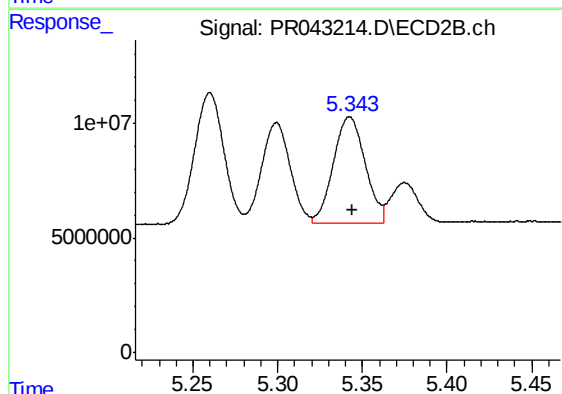
R.T.: 5.299 min
Delta R.T.: -0.002 min
Response: 51460884
Conc: 223.77 ng/ml



#23 AR-1248-3

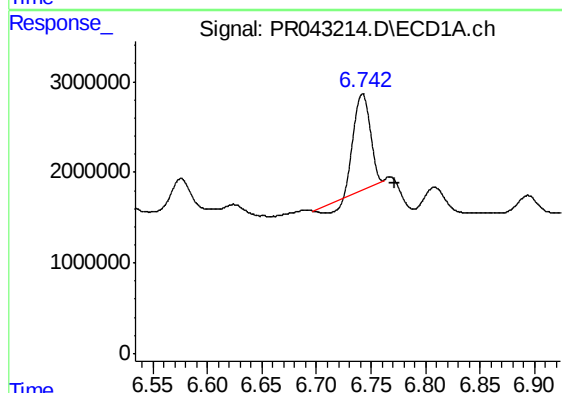
R.T.: 6.364 min
Delta R.T.: -0.003 min
Response: 25103344
Conc: 216.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
2-(6-8)MSD



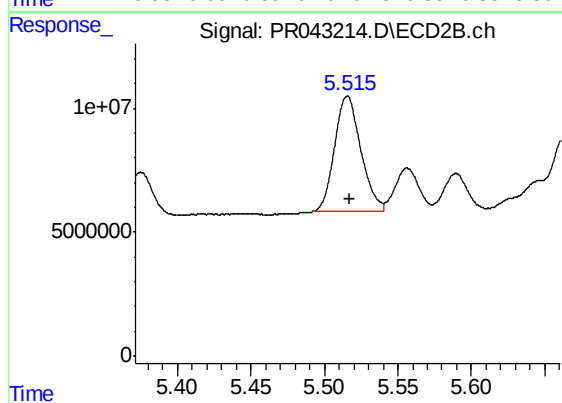
#23 AR-1248-3

R.T.: 5.343 min
Delta R.T.: -0.002 min
Response: 60454898
Conc: 264.59 ng/ml



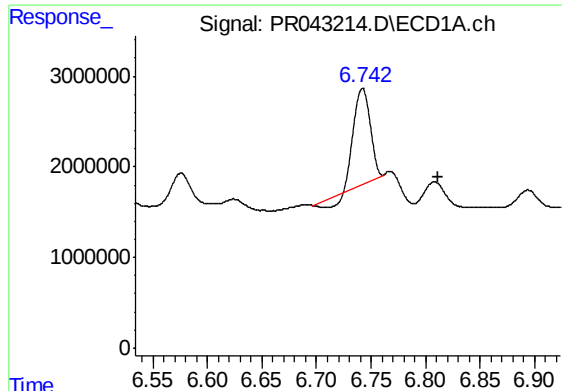
#24 AR-1248-4

R.T.: 6.742 min
Delta R.T.: -0.029 min
Response: 10286700
Conc: 71.32 ng/ml



#24 AR-1248-4

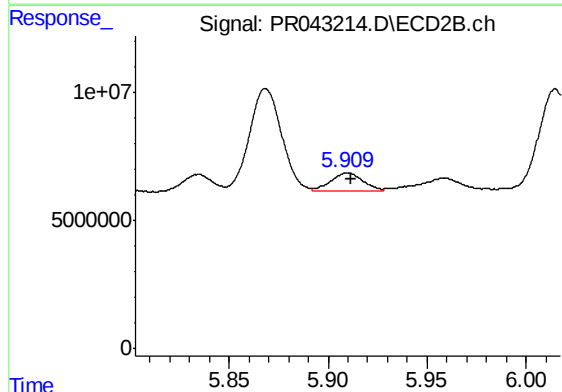
R.T.: 5.516 min
Delta R.T.: -0.002 min
Response: 57856047
Conc: 285.02 ng/ml



#25 AR-1248-5

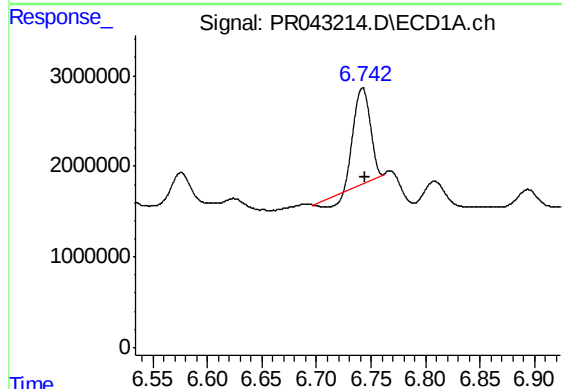
R.T.: 6.742 min
Delta R.T.: -0.069 min
Response: 10286700
Conc: 75.57 ng/ml

Instrument :
ECD_R
ClientSampleId :
2-(6-8)MSD



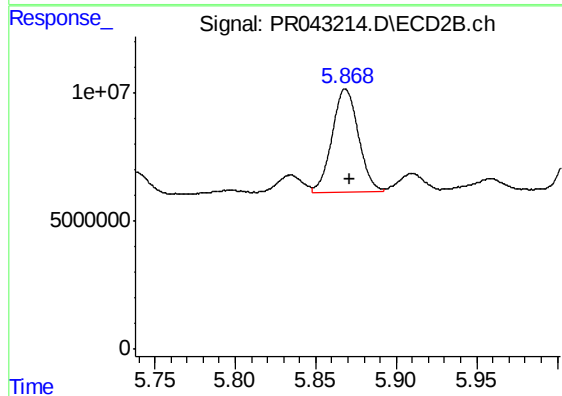
#25 AR-1248-5

R.T.: 5.910 min
Delta R.T.: -0.002 min
Response: 8100891
Conc: 25.60 ng/ml



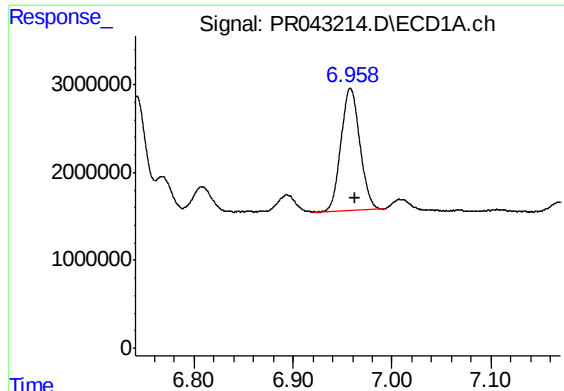
#26 AR-1254-1

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 10286700
Conc: 73.09 ng/ml



#26 AR-1254-1

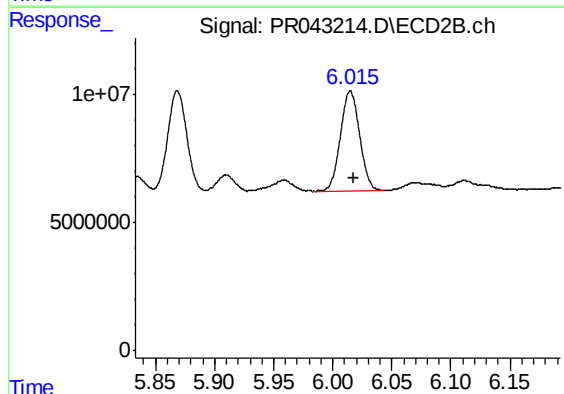
R.T.: 5.868 min
Delta R.T.: -0.002 min
Response: 46350062
Conc: 102.19 ng/ml



#27 AR-1254-2

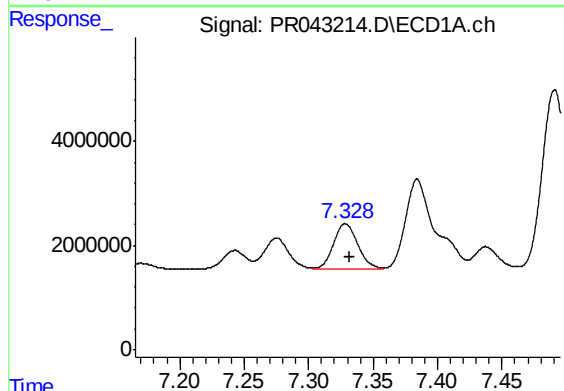
R.T.: 6.958 min
Delta R.T.: -0.004 min
Response: 18438869
Conc: 86.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
2-(6-8)MSD



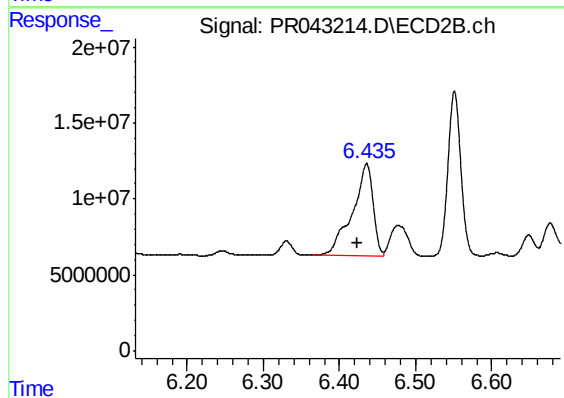
#27 AR-1254-2

R.T.: 6.015 min
Delta R.T.: -0.002 min
Response: 44377702
Conc: 101.33 ng/ml



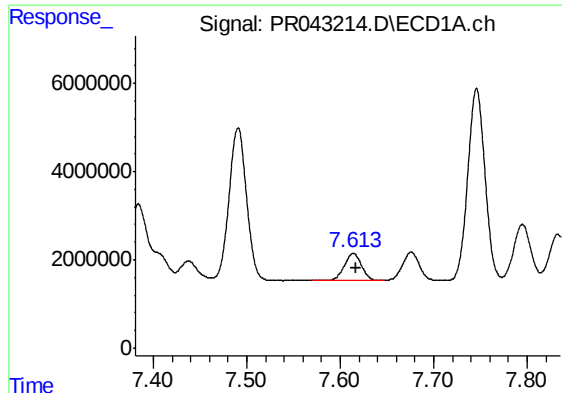
#28 AR-1254-3

R.T.: 7.328 min
Delta R.T.: -0.003 min
Response: 11670311
Conc: 44.64 ng/ml



#28 AR-1254-3

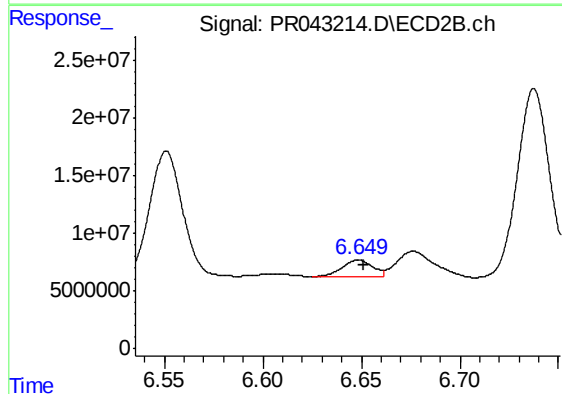
R.T.: 6.436 min
Delta R.T.: 0.012 min
Response: 114512630
Conc: 146.33 ng/ml



#29 AR-1254-4

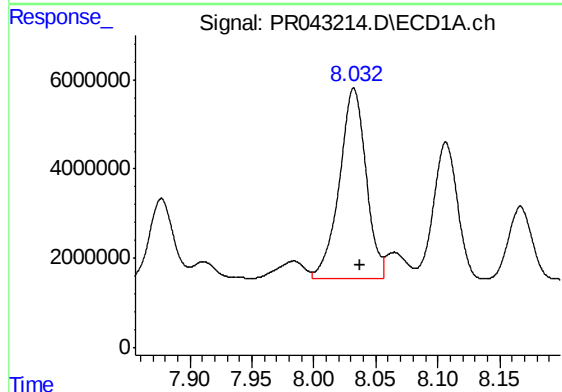
R.T.: 7.614 min
Delta R.T.: -0.003 min
Response: 7746403
Conc: 37.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
2-(6-8)MSD



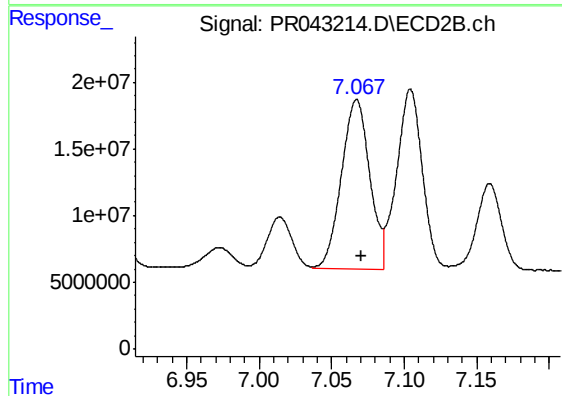
#29 AR-1254-4

R.T.: 6.649 min
Delta R.T.: -0.003 min
Response: 16434952
Conc: 27.70 ng/ml



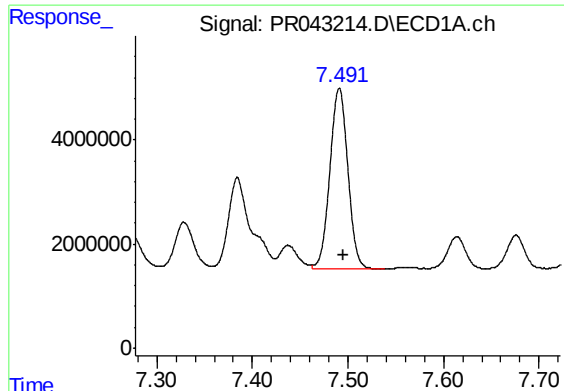
#30 AR-1254-5

R.T.: 8.032 min
Delta R.T.: -0.005 min
Response: 63817284
Conc: 288.67 ng/ml



#30 AR-1254-5

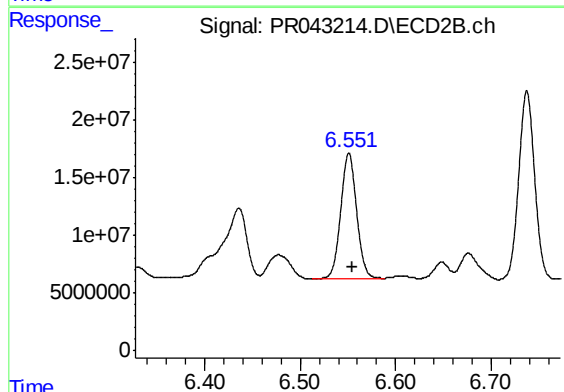
R.T.: 7.067 min
Delta R.T.: -0.003 min
Response: 172454391
Conc: 226.99 ng/ml



#31 AR-1260-1

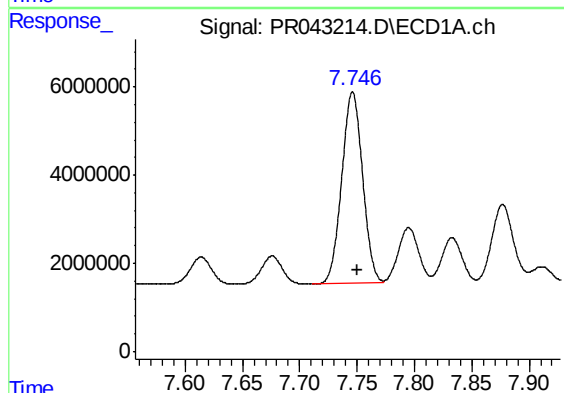
R.T.: 7.491 min
Delta R.T.: -0.005 min
Response: 45143277
Conc: 248.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
2-(6-8)MSD



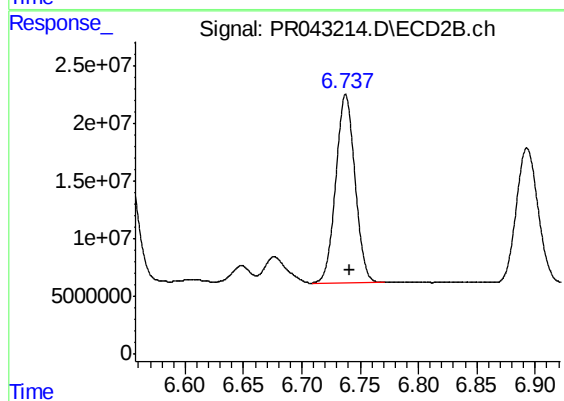
#31 AR-1260-1

R.T.: 6.551 min
Delta R.T.: -0.003 min
Response: 127853213
Conc: 249.58 ng/ml



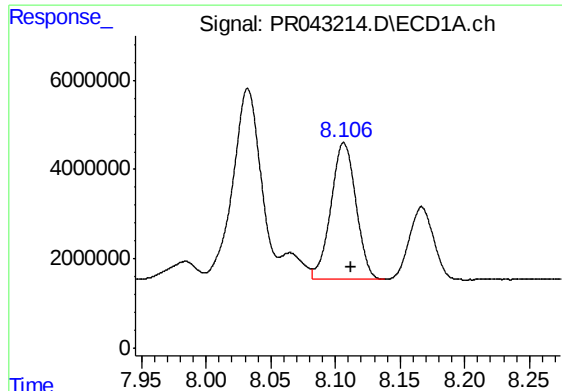
#32 AR-1260-2

R.T.: 7.746 min
Delta R.T.: -0.005 min
Response: 54819071
Conc: 229.84 ng/ml



#32 AR-1260-2

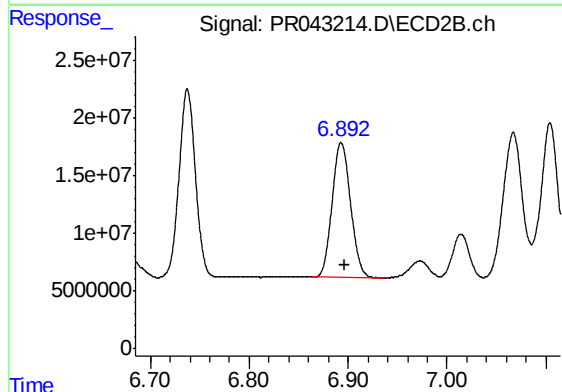
R.T.: 6.738 min
Delta R.T.: -0.003 min
Response: 187234514
Conc: 262.93 ng/ml



#33 AR-1260-3

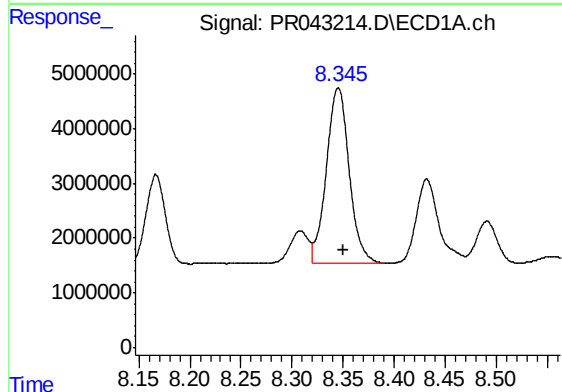
R.T.: 8.107 min
Delta R.T.: -0.005 min
Response: 41167348
Conc: 219.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
2-(6-8)MSD



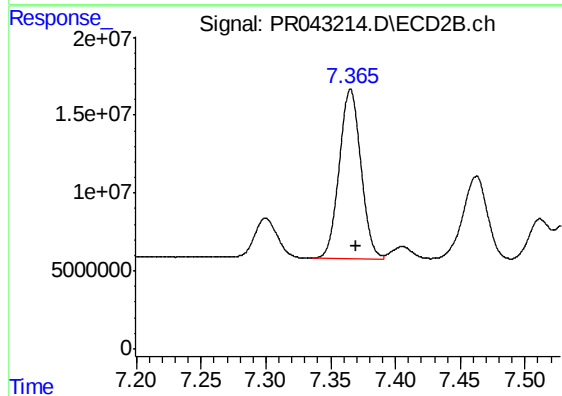
#33 AR-1260-3

R.T.: 6.893 min
Delta R.T.: -0.003 min
Response: 151330904
Conc: 256.86 ng/ml



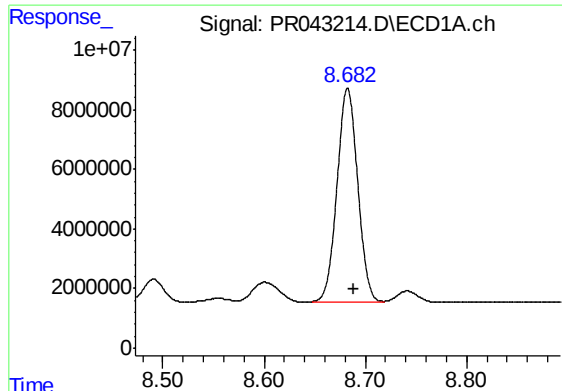
#34 AR-1260-4

R.T.: 8.345 min
Delta R.T.: -0.005 min
Response: 49683709
Conc: 240.63 ng/ml



#34 AR-1260-4

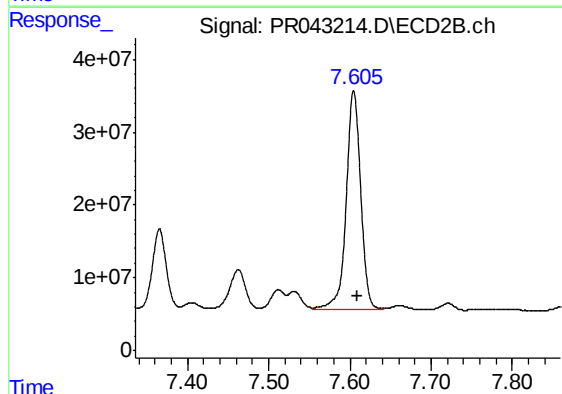
R.T.: 7.365 min
Delta R.T.: -0.004 min
Response: 125741921
Conc: 249.25 ng/ml



#35 AR-1260-5

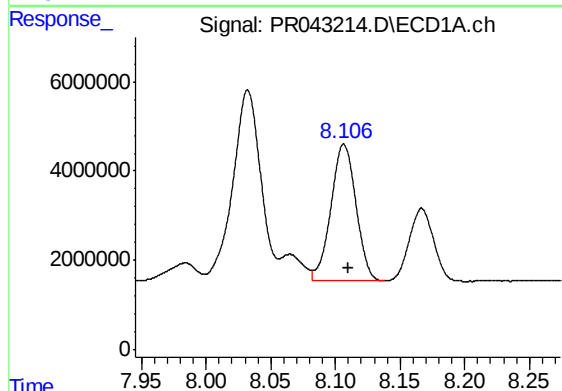
R.T.: 8.683 min
Delta R.T.: -0.006 min
Response: 101491908
Conc: 235.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
2-(6-8)MSD



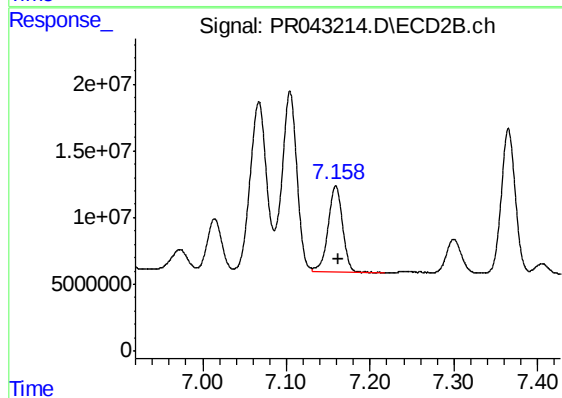
#35 AR-1260-5

R.T.: 7.605 min
Delta R.T.: -0.004 min
Response: 374750563
Conc: 261.62 ng/ml



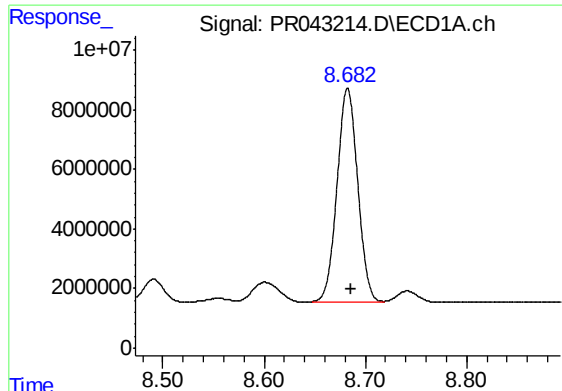
#36 AR-1262-1

R.T.: 8.107 min
Delta R.T.: -0.004 min
Response: 41167348
Conc: 146.70 ng/ml



#36 AR-1262-1

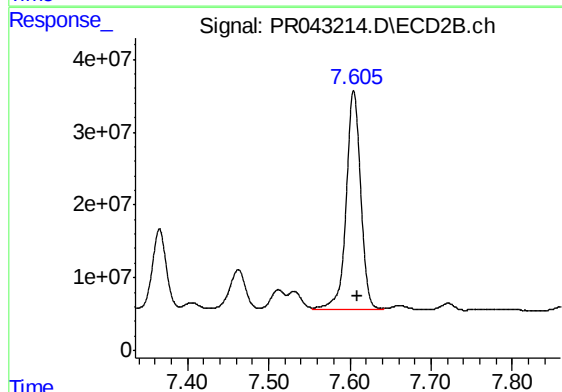
R.T.: 7.159 min
Delta R.T.: -0.003 min
Response: 77114186
Conc: 208.04 ng/ml



#37 AR-1262-2

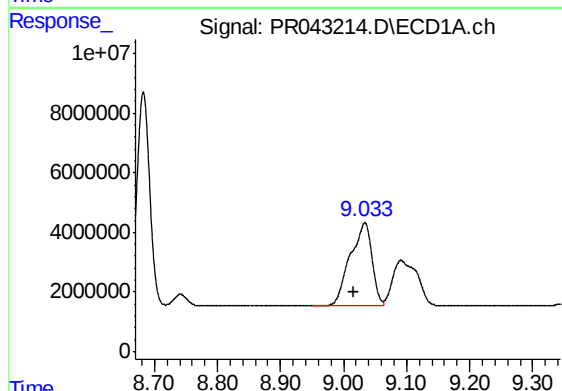
R.T.: 8.683 min
Delta R.T.: -0.004 min
Response: 101491908
Conc: 192.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
2-(6-8)MSD



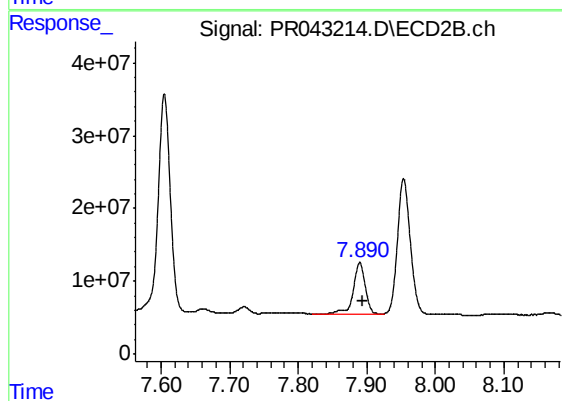
#37 AR-1262-2

R.T.: 7.605 min
Delta R.T.: -0.004 min
Response: 374750563
Conc: 208.96 ng/ml



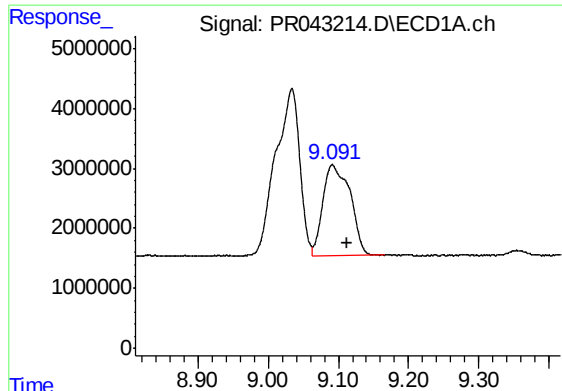
#38 AR-1262-3

R.T.: 9.034 min
Delta R.T.: 0.017 min
Response: 66451155
Conc: 197.97 ng/ml



#38 AR-1262-3

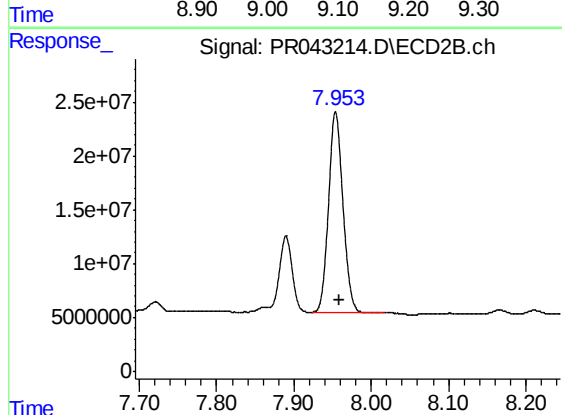
R.T.: 7.890 min
Delta R.T.: -0.004 min
Response: 84784765
Conc: 125.35 ng/ml



#39 AR-1262-4

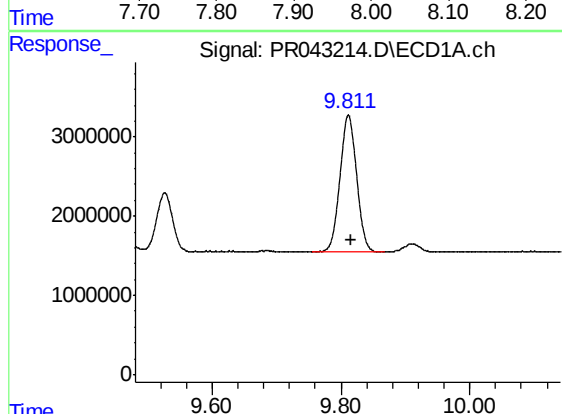
R.T.: 9.091 min
Delta R.T.: -0.022 min
Response: 40847693
Conc: 315.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
2-(6-8)MSD



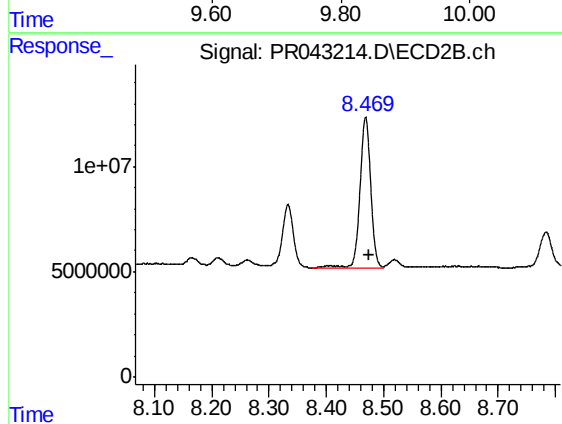
#39 AR-1262-4

R.T.: 7.954 min
Delta R.T.: -0.005 min
Response: 241218654
Conc: 203.68 ng/ml



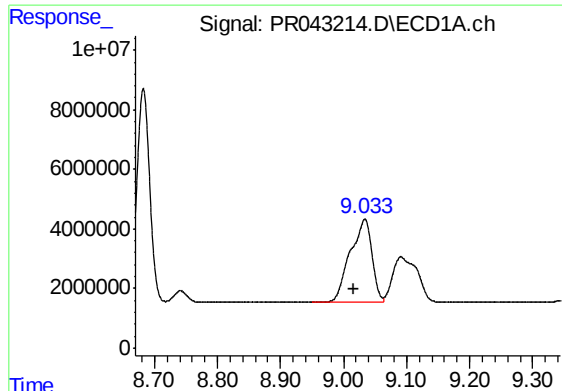
#40 AR-1262-5

R.T.: 9.811 min
Delta R.T.: -0.005 min
Response: 31134412
Conc: 190.97 ng/ml



#40 AR-1262-5

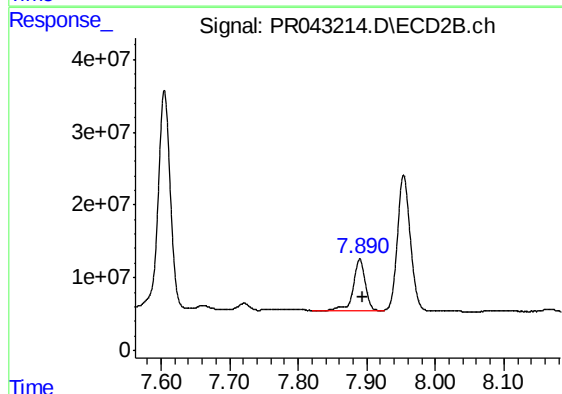
R.T.: 8.469 min
Delta R.T.: -0.005 min
Response: 94887099
Conc: 185.63 ng/ml



#41 AR-1268-1

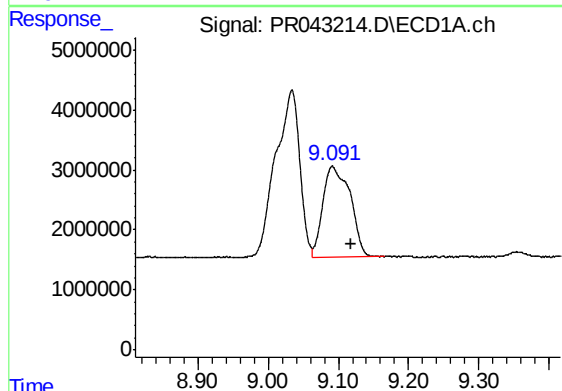
R.T.: 9.034 min
Delta R.T.: 0.017 min
Response: 66451155
Conc: 109.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
2-(6-8)MSD



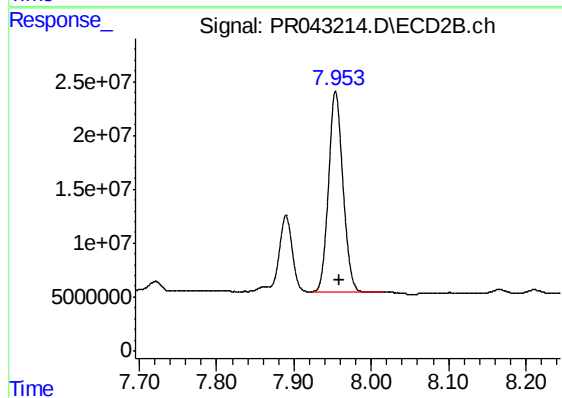
#41 AR-1268-1

R.T.: 7.890 min
Delta R.T.: -0.005 min
Response: 84784765
Conc: 41.30 ng/ml



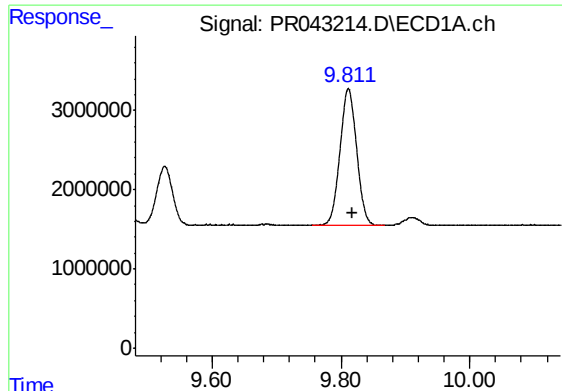
#42 AR-1268-2

R.T.: 9.091 min
Delta R.T.: -0.027 min
Response: 40847693
Conc: 74.51 ng/ml



#42 AR-1268-2

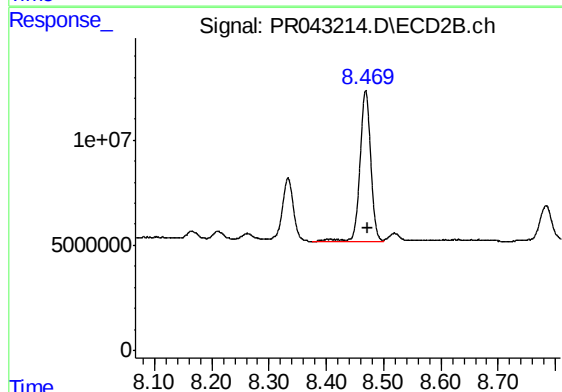
R.T.: 7.954 min
Delta R.T.: -0.006 min
Response: 241218654
Conc: 135.16 ng/ml



#44 AR-1268-4

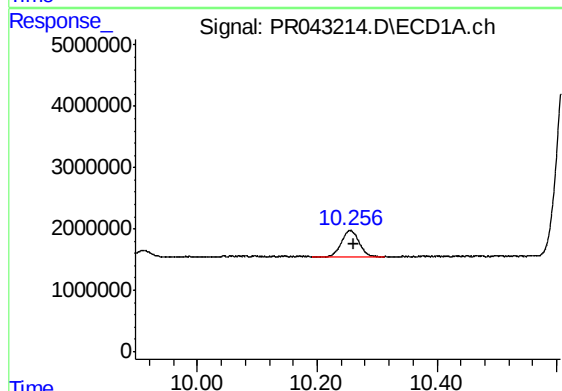
R.T.: 9.811 min
Delta R.T.: -0.006 min
Response: 31134412
Conc: 168.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
2-(6-8)MSD



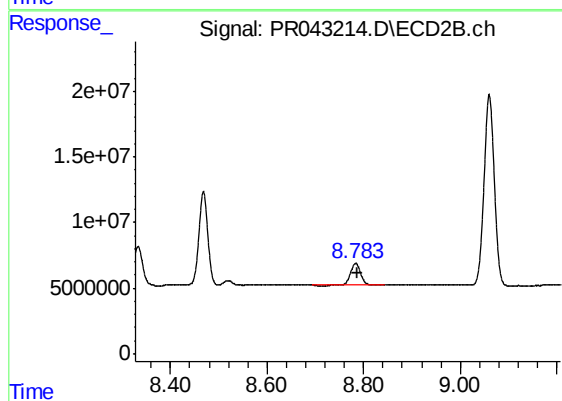
#44 AR-1268-4

R.T.: 8.469 min
Delta R.T.: -0.004 min
Response: 94887099
Conc: 165.50 ng/ml



#45 AR-1268-5

R.T.: 10.255 min
Delta R.T.: -0.005 min
Response: 8557211
Conc: 5.73 ng/ml



#45 AR-1268-5

R.T.: 8.784 min
Delta R.T.: -0.005 min
Response: 23684893
Conc: 5.82 ng/ml