

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062221\
 Data File : PP036674.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Jun 2021 12:04
 Operator : DD\AJ
 Sample : M2709-06MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 22 14:36:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061721.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 18 06:06:19 2021
 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...	4.964	3.957	791969	594098	17.918	19.181
2)	SA Decachlor...	10.999	9.259	843034	489398	19.652	15.303
Target Compounds							
3)	L1 AR-1016-1	6.284	5.209	618594	462252	365.201	392.118
4)	L1 AR-1016-2	6.309	5.229	861843	633497	357.427	390.051
5)	L1 AR-1016-3	6.374	5.420	554259	350086	360.552	388.028
6)	L1 AR-1016-4	6.481	5.473	449049	265889	349.306	374.553
7)	L1 AR-1016-5	6.796	5.701	450663	334806	352.341	369.451
8)	L2 AR-1221-1	5.213	4.212	109388	50176	194.845	128.936 #
9)	L2 AR-1221-2	5.312	4.312	94278	66805	218.777	223.813
10)	L2 AR-1221-3	5.400	4.400	367776	276793	285.270	306.517
11)	L3 AR-1232-1	5.400	4.400	367776	276793	345.305	376.250
12)	L3 AR-1232-2	5.989	5.229	459651	633497	835.765	947.396
13)	L3 AR-1232-3	6.309	5.420	861843	350086	843.656	965.020
14)	L3 AR-1232-4	6.481	5.517	449049	330698	831.909	1056.063 #
15)	L3 AR-1232-5	6.579	5.701	350981	334806	957.651	939.956
16)	L4 AR-1242-1	6.284	5.209	618594	462252	482.394	519.330
17)	L4 AR-1242-2	6.309	5.229	861843	633497	472.290	519.341
18)	L4 AR-1242-3	6.374	5.420	554259	350086	472.450	520.278
19)	L4 AR-1242-4	6.481	5.517	449049	330698	464.006	510.787
20)	L4 AR-1242-5	7.264	6.080	67171	253942	63.859	311.240 #
21)	L5 AR-1248-1	6.284	5.209	618594	462252	613.184	663.423
22)	L5 AR-1248-2	6.579	5.473	350981	265889	258.443	280.716
23)	L5 AR-1248-3	6.796	5.517	450663	330698	276.977	334.228
24)	L5 AR-1248-4	7.224	5.701	70104	334806	38.398	286.226 #
25)	L5 AR-1248-5	7.264	6.122	67171	36467	37.254	30.743
26)	L6 AR-1254-1	7.195	6.080	378648	253942	215.304	149.874 #
27)	L6 AR-1254-2	7.423	6.241	377415	241684	139.488	162.487
28)	L6 AR-1254-3	7.806	6.661	296861	114498	100.222	47.096 #
29)	L6 AR-1254-4	8.100	6.901	128591	59062	58.494	38.167 #
30)	L6 AR-1254-5	8.529	7.330	1176323	793955	494.640	369.232 #
31)	L7 AR-1260-1	7.972	6.798	782469	587157	360.501	364.684
32)	L7 AR-1260-2	8.238	6.997	930674	713572	363.126	367.960
33)	L7 AR-1260-3	8.603	7.151	622089	640723	310.349	352.298
34)	L7 AR-1260-4	8.834	7.635	779322	456846	328.933	294.598
35)	L7 AR-1260-5	9.163	7.884	1503240	1100135	336.905	299.377
36)	L8 AR-1262-1	8.603	7.330	622089	793955	218.319	666.134 #
37)	L8 AR-1262-2	9.163	7.884	1503240	1100135	295.865	280.644
38)	L8 AR-1262-3	9.498f	8.172	1068844	451630	288.522	283.786
39)	L8 AR-1262-4	9.551f	8.233	659903	822594	229.759	276.376
40)	L8 AR-1262-5	10.241	8.734	438154	251764	207.387	176.671
41)	L9 AR-1268-1	9.498f	8.172	1068844	451630	178.155	96.987 #

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 Sample : M2709-06MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

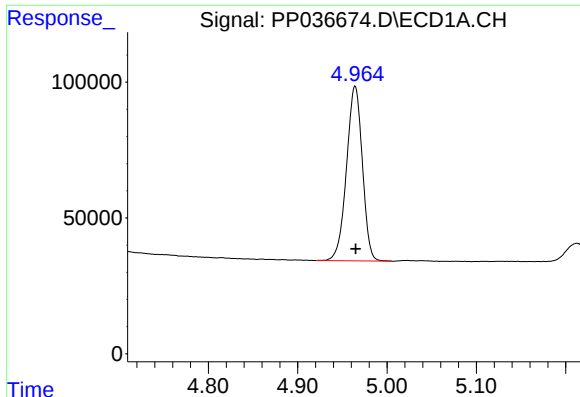
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 22 14:36:19 2021
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 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
42) L9	AR-1268-2	9.551f	8.233	659903	822594	115.765	190.699 #
43) L9	AR-1268-3	9.799	8.445	50057	23614	10.412	6.468 #
44) L9	AR-1268-4	10.241	8.734	438154	251764	186.014	158.270
45) L9	AR-1268-5	10.659	9.014	156290	86533	10.163	7.319 #

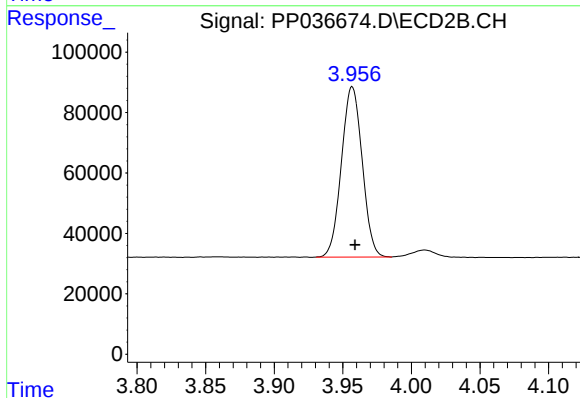
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

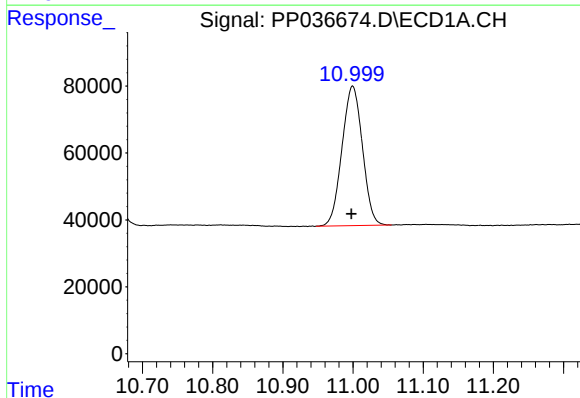
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 791969
Conc: 17.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



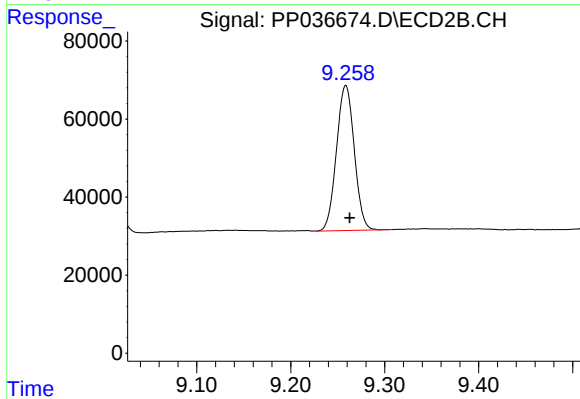
#1 Tetrachloro-m-xylene

R.T.: 3.957 min
Delta R.T.: -0.002 min
Response: 594098
Conc: 19.18 ng/ml



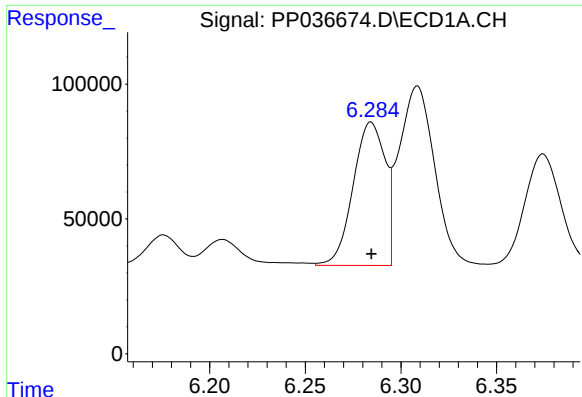
#2 Decachlorobiphenyl

R.T.: 10.999 min
Delta R.T.: 0.002 min
Response: 843034
Conc: 19.65 ng/ml



#2 Decachlorobiphenyl

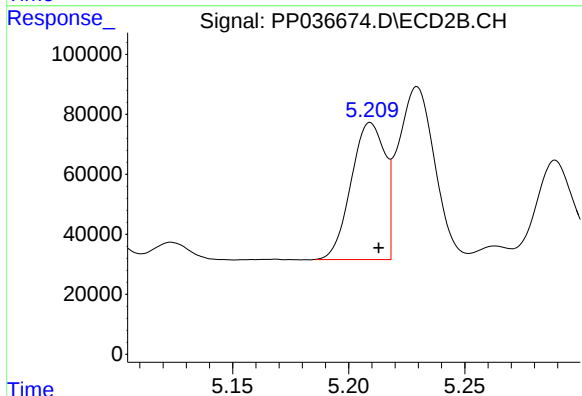
R.T.: 9.259 min
Delta R.T.: -0.004 min
Response: 489398
Conc: 15.30 ng/ml



#3 AR-1016-1

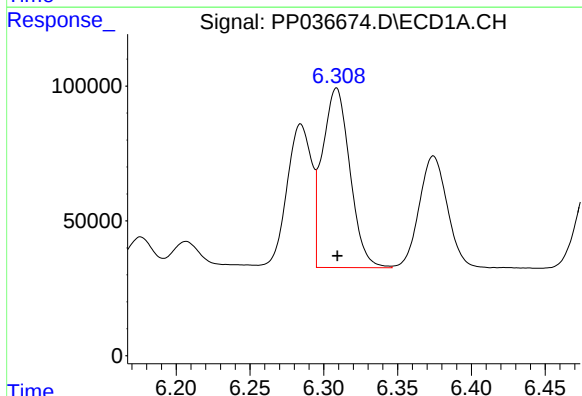
R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 618594
Conc: 365.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



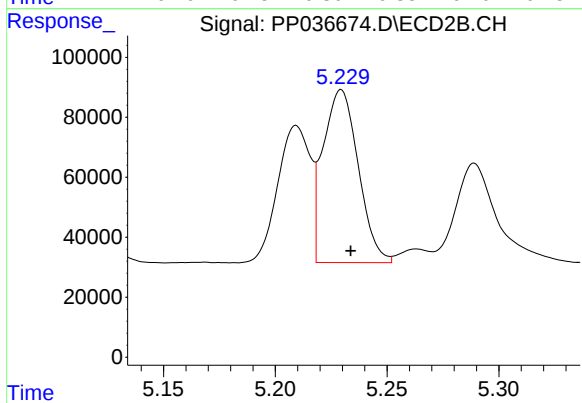
#3 AR-1016-1

R.T.: 5.209 min
Delta R.T.: -0.004 min
Response: 462252
Conc: 392.12 ng/ml



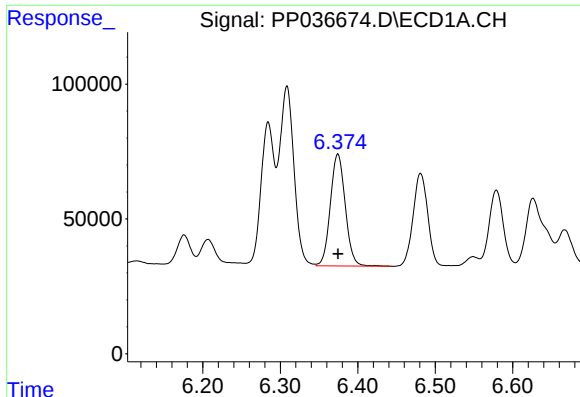
#4 AR-1016-2

R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 861843
Conc: 357.43 ng/ml



#4 AR-1016-2

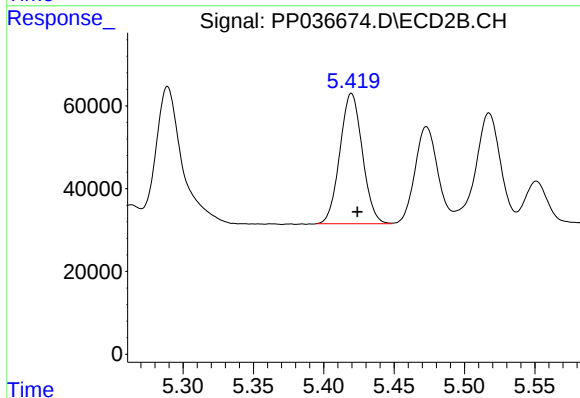
R.T.: 5.229 min
Delta R.T.: -0.004 min
Response: 633497
Conc: 390.05 ng/ml



#5 AR-1016-3

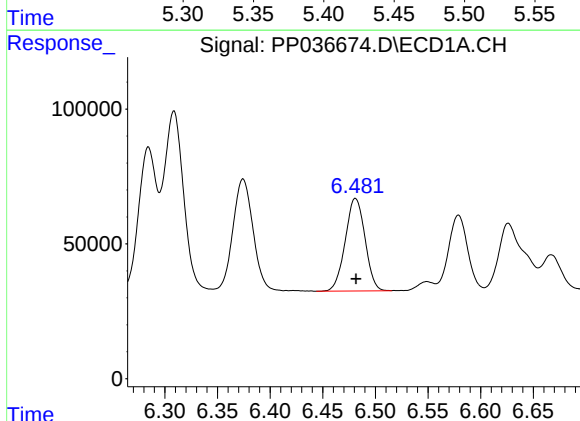
R.T.: 6.374 min
Delta R.T.: 0.000 min
Response: 554259
Conc: 360.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



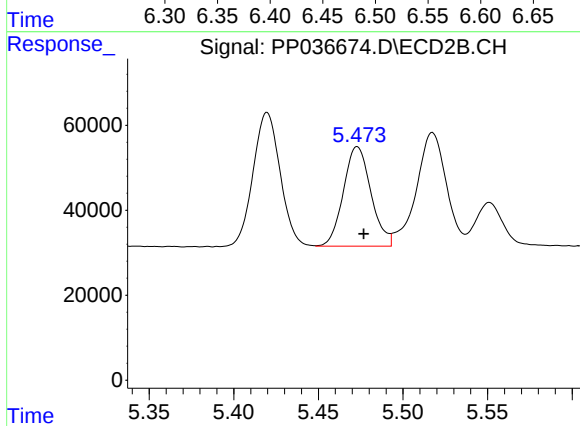
#5 AR-1016-3

R.T.: 5.420 min
Delta R.T.: -0.004 min
Response: 350086
Conc: 388.03 ng/ml



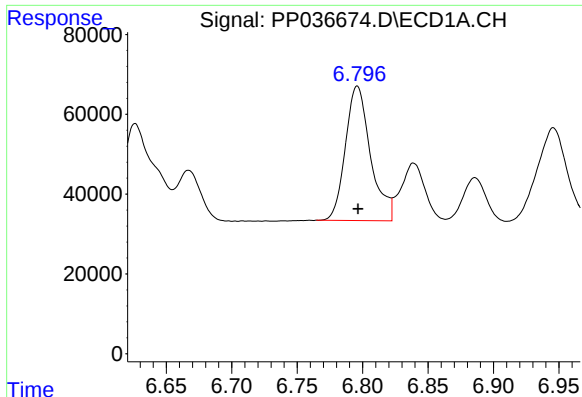
#6 AR-1016-4

R.T.: 6.481 min
Delta R.T.: 0.000 min
Response: 449049
Conc: 349.31 ng/ml



#6 AR-1016-4

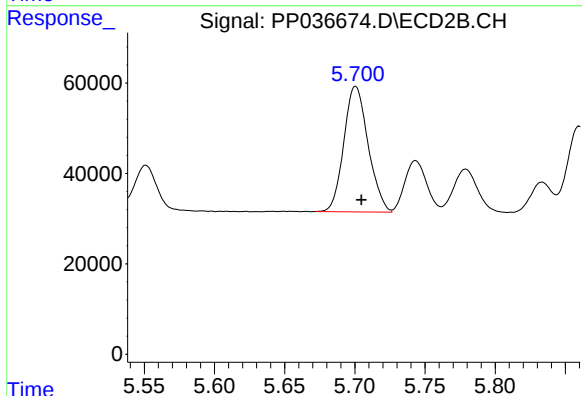
R.T.: 5.473 min
Delta R.T.: -0.004 min
Response: 265889
Conc: 374.55 ng/ml



#7 AR-1016-5

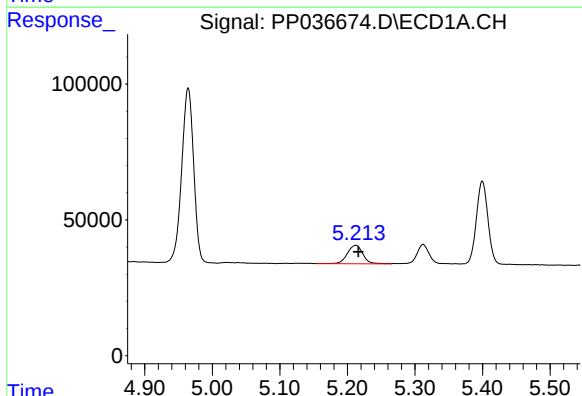
R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 450663
Conc: 352.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



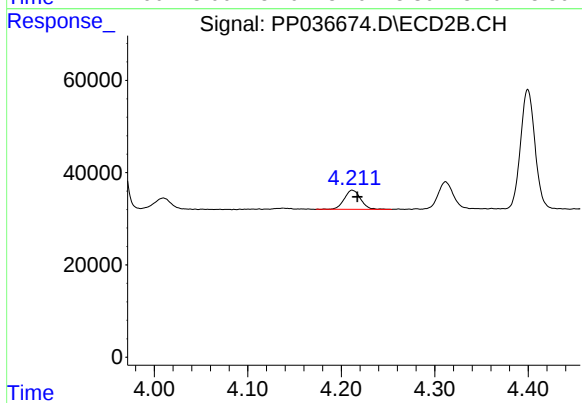
#7 AR-1016-5

R.T.: 5.701 min
Delta R.T.: -0.004 min
Response: 334806
Conc: 369.45 ng/ml



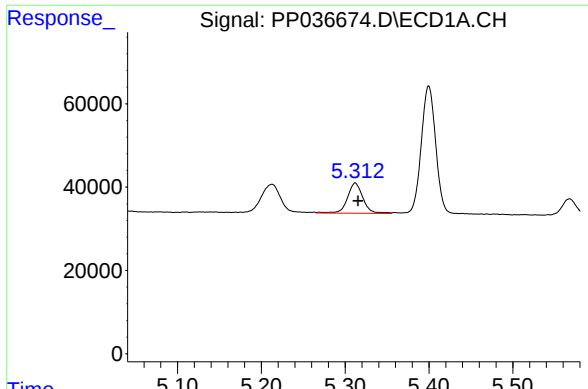
#8 AR-1221-1

R.T.: 5.213 min
Delta R.T.: -0.003 min
Response: 109388
Conc: 194.84 ng/ml



#8 AR-1221-1

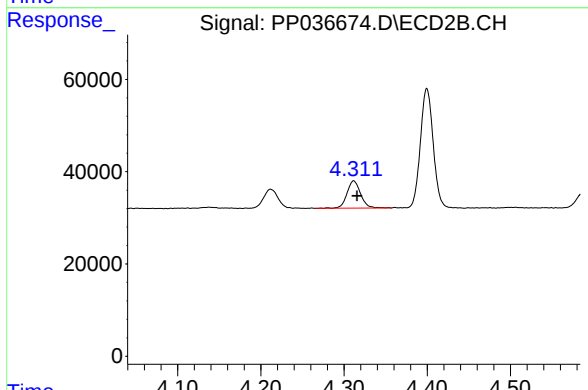
R.T.: 4.212 min
Delta R.T.: -0.006 min
Response: 50176
Conc: 128.94 ng/ml



#9 AR-1221-2

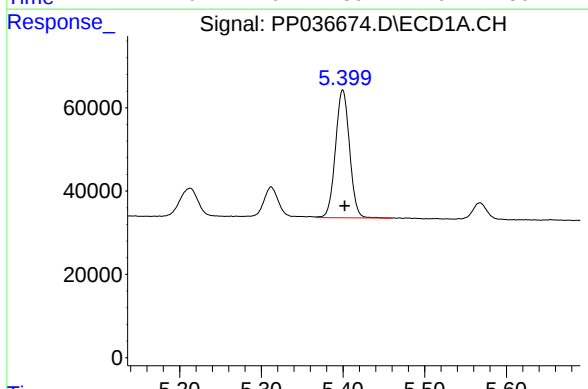
R.T.: 5.312 min
Delta R.T.: -0.003 min
Response: 94278
Conc: 218.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



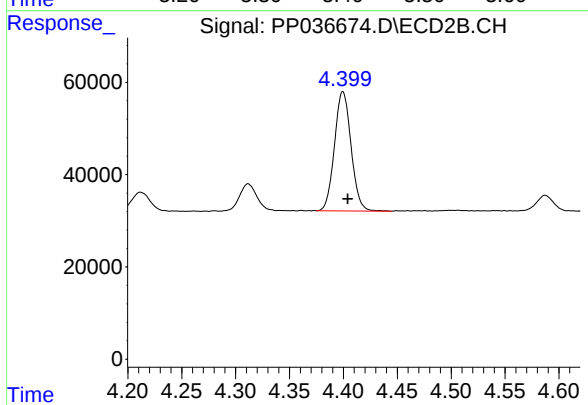
#9 AR-1221-2

R.T.: 4.312 min
Delta R.T.: -0.004 min
Response: 66805
Conc: 223.81 ng/ml



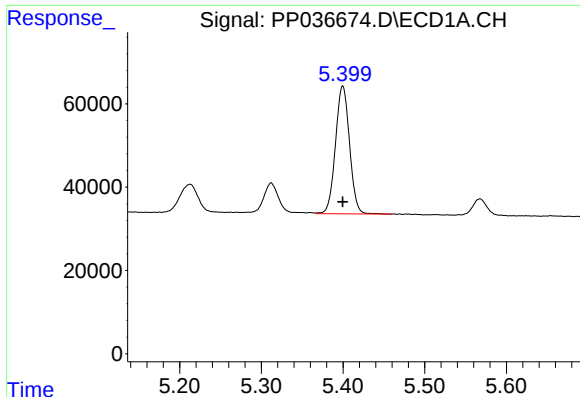
#10 AR-1221-3

R.T.: 5.400 min
Delta R.T.: -0.002 min
Response: 367776
Conc: 285.27 ng/ml



#10 AR-1221-3

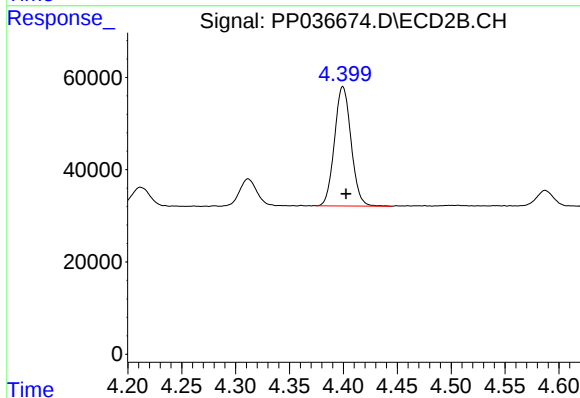
R.T.: 4.400 min
Delta R.T.: -0.004 min
Response: 276793
Conc: 306.52 ng/ml



#11 AR-1232-1

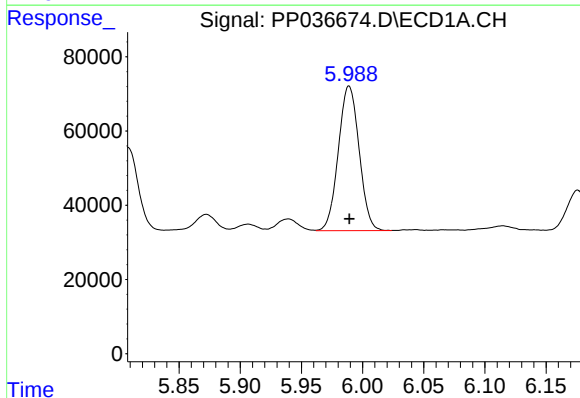
R.T.: 5.400 min
Delta R.T.: 0.000 min
Response: 367776
Conc: 345.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



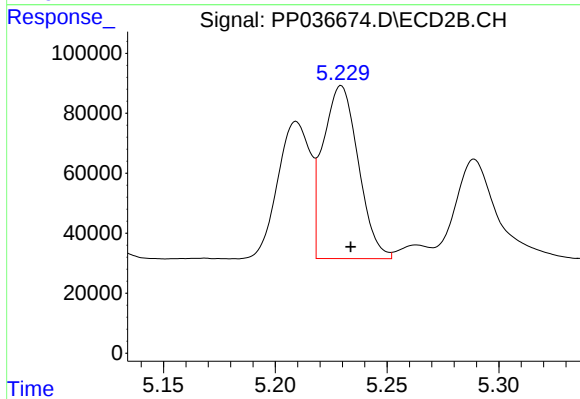
#11 AR-1232-1

R.T.: 4.400 min
Delta R.T.: -0.003 min
Response: 276793
Conc: 376.25 ng/ml



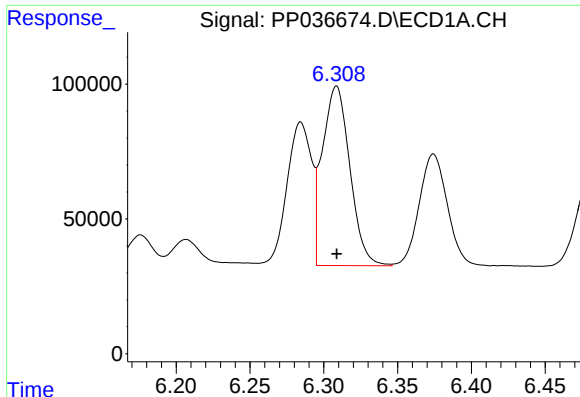
#12 AR-1232-2

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 459651
Conc: 835.76 ng/ml



#12 AR-1232-2

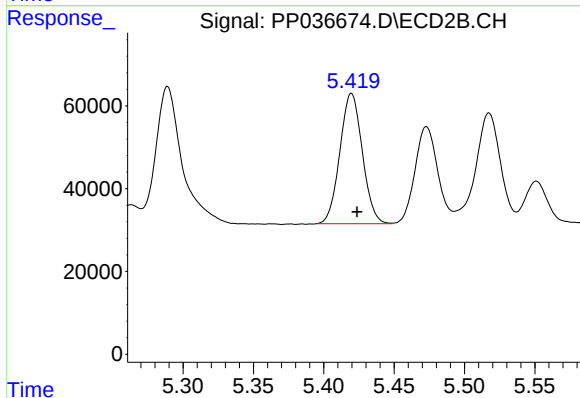
R.T.: 5.229 min
Delta R.T.: -0.004 min
Response: 633497
Conc: 947.40 ng/ml



#13 AR-1232-3

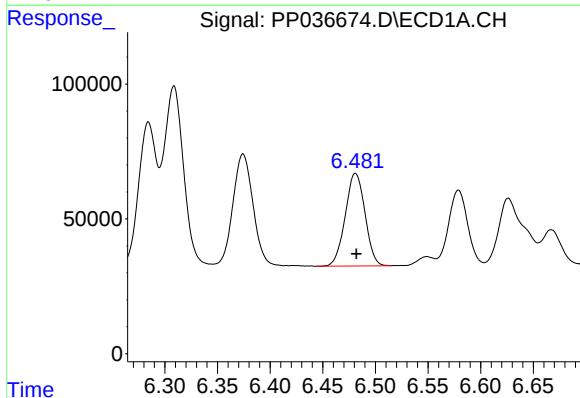
R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 861843
Conc: 843.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



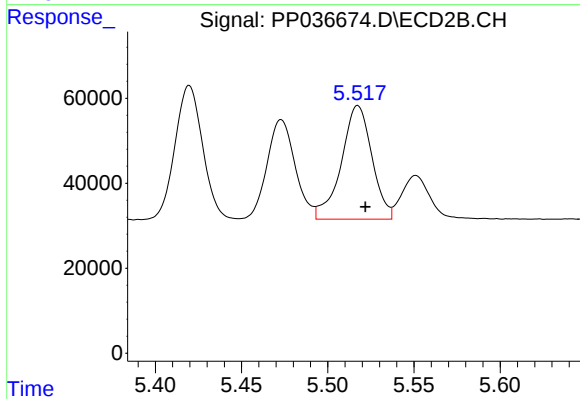
#13 AR-1232-3

R.T.: 5.420 min
Delta R.T.: -0.004 min
Response: 350086
Conc: 965.02 ng/ml



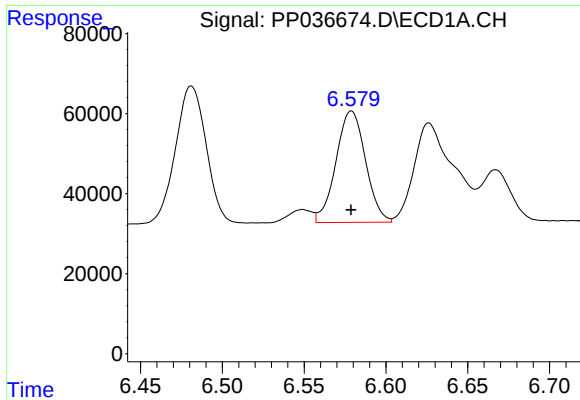
#14 AR-1232-4

R.T.: 6.481 min
Delta R.T.: 0.000 min
Response: 449049
Conc: 831.91 ng/ml



#14 AR-1232-4

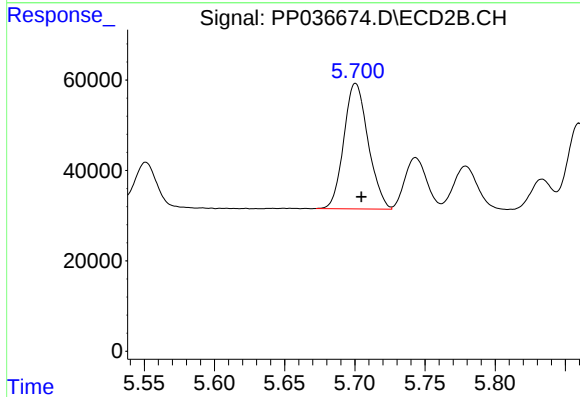
R.T.: 5.517 min
Delta R.T.: -0.004 min
Response: 330698
Conc: 1056.06 ng/ml



#15 AR-1232-5

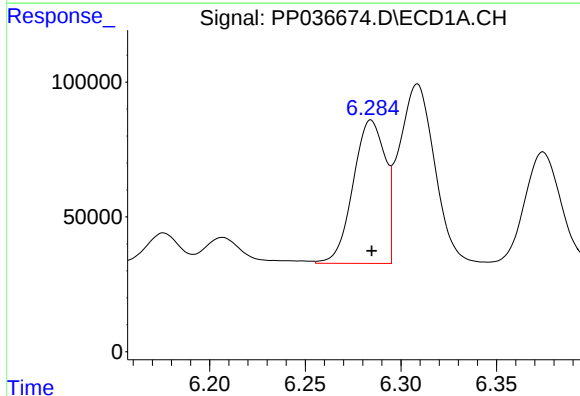
R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 350981
Conc: 957.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



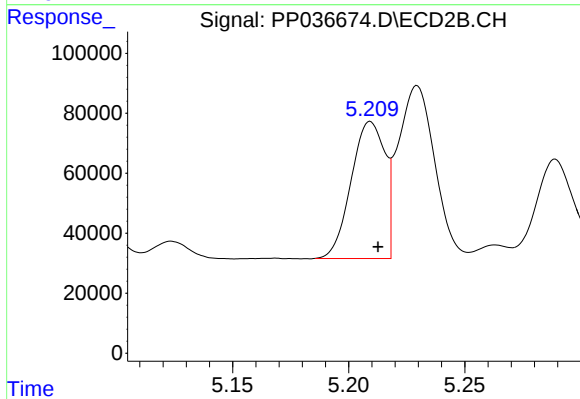
#15 AR-1232-5

R.T.: 5.701 min
Delta R.T.: -0.004 min
Response: 334806
Conc: 939.96 ng/ml



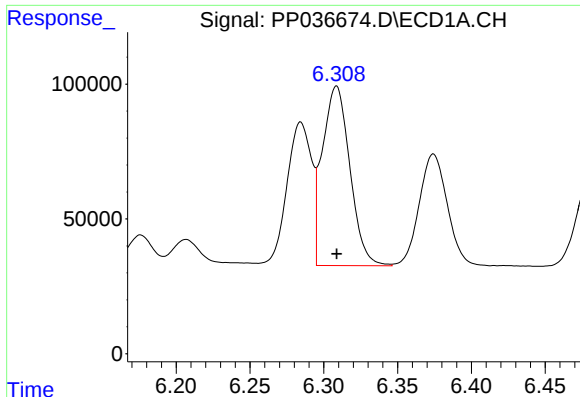
#16 AR-1242-1

R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 618594
Conc: 482.39 ng/ml



#16 AR-1242-1

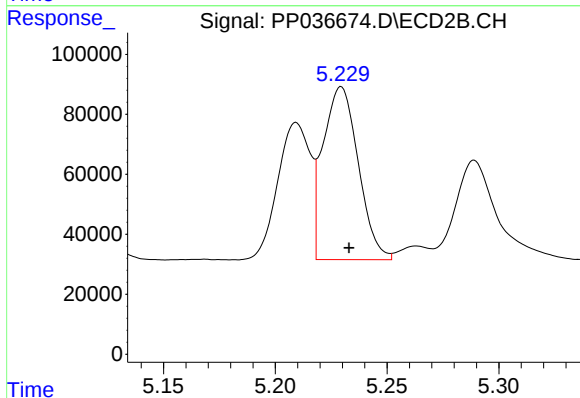
R.T.: 5.209 min
Delta R.T.: -0.003 min
Response: 462252
Conc: 519.33 ng/ml



#17 AR-1242-2

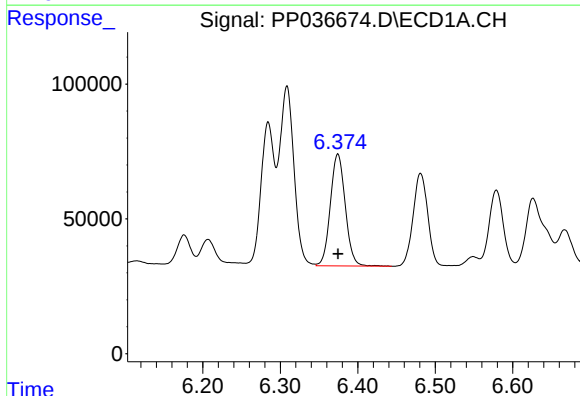
R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 861843
Conc: 472.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



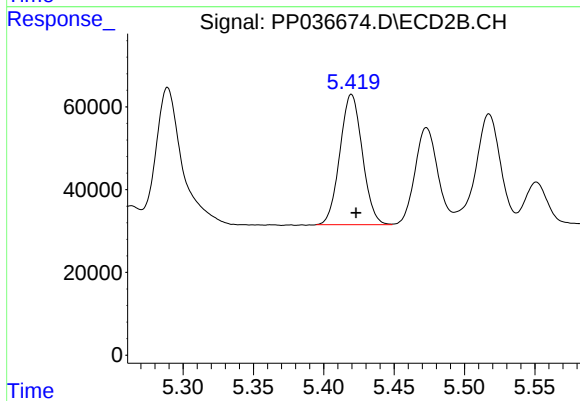
#17 AR-1242-2

R.T.: 5.229 min
Delta R.T.: -0.004 min
Response: 633497
Conc: 519.34 ng/ml



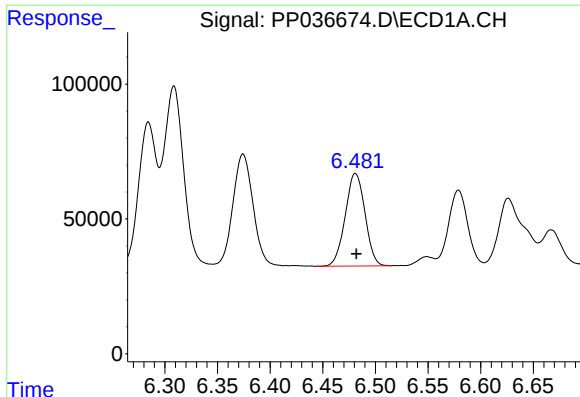
#18 AR-1242-3

R.T.: 6.374 min
Delta R.T.: 0.000 min
Response: 554259
Conc: 472.45 ng/ml



#18 AR-1242-3

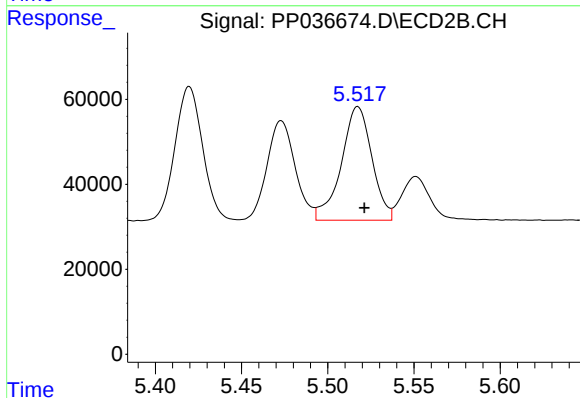
R.T.: 5.420 min
Delta R.T.: -0.003 min
Response: 350086
Conc: 520.28 ng/ml



#19 AR-1242-4

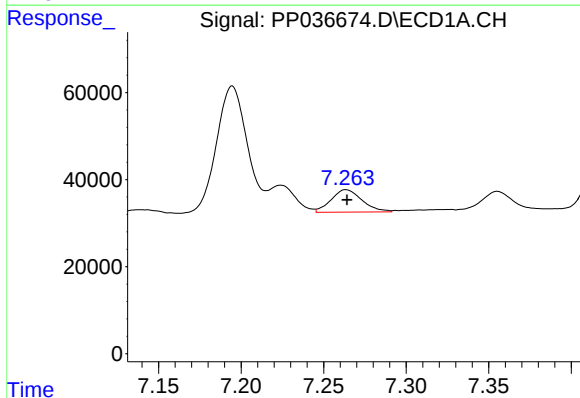
R.T.: 6.481 min
Delta R.T.: 0.000 min
Response: 449049
Conc: 464.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



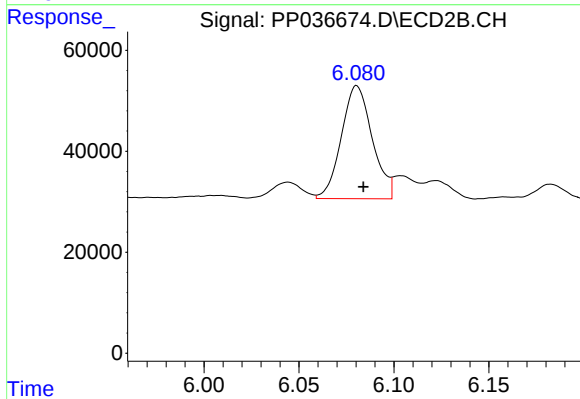
#19 AR-1242-4

R.T.: 5.517 min
Delta R.T.: -0.004 min
Response: 330698
Conc: 510.79 ng/ml



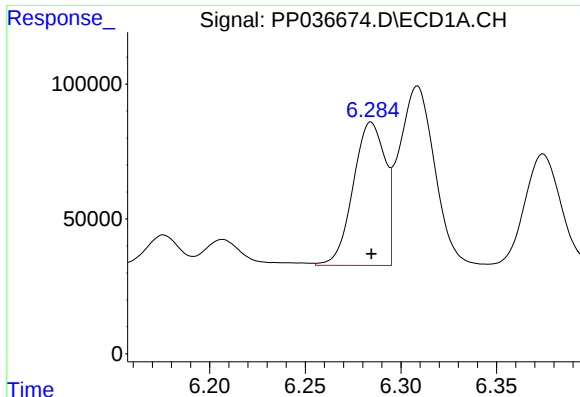
#20 AR-1242-5

R.T.: 7.264 min
Delta R.T.: 0.000 min
Response: 67171
Conc: 63.86 ng/ml



#20 AR-1242-5

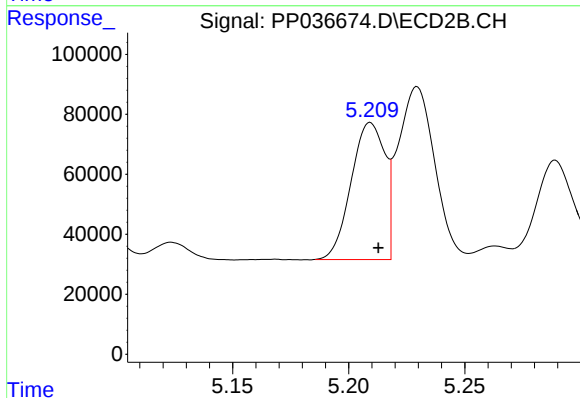
R.T.: 6.080 min
Delta R.T.: -0.004 min
Response: 253942
Conc: 311.24 ng/ml



#21 AR-1248-1

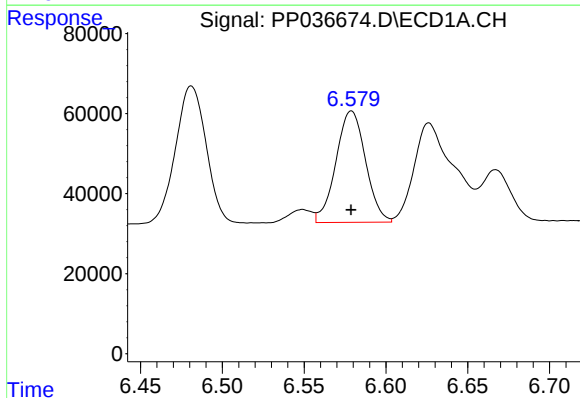
R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 618594
Conc: 613.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



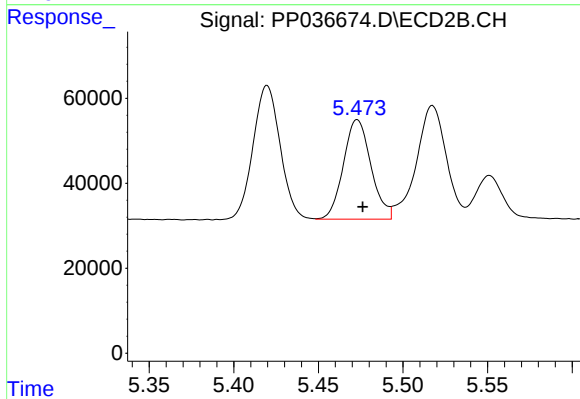
#21 AR-1248-1

R.T.: 5.209 min
Delta R.T.: -0.003 min
Response: 462252
Conc: 663.42 ng/ml



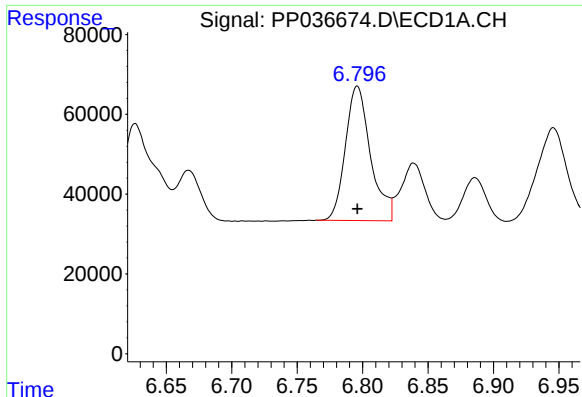
#22 AR-1248-2

R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 350981
Conc: 258.44 ng/ml



#22 AR-1248-2

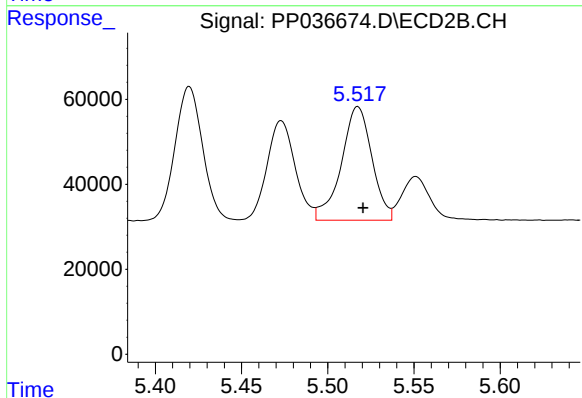
R.T.: 5.473 min
Delta R.T.: -0.003 min
Response: 265889
Conc: 280.72 ng/ml



#23 AR-1248-3

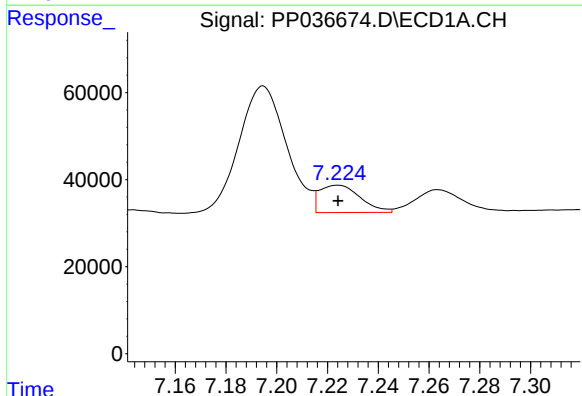
R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 450663
Conc: 276.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



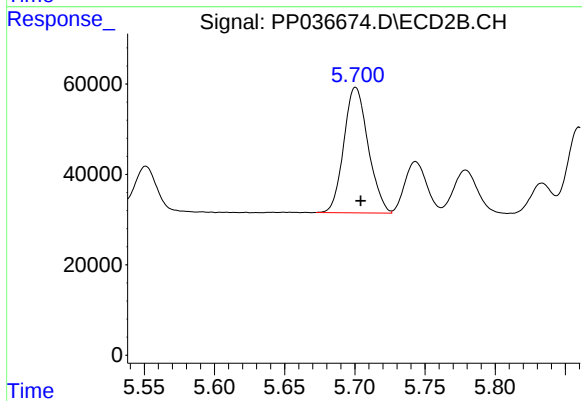
#23 AR-1248-3

R.T.: 5.517 min
Delta R.T.: -0.003 min
Response: 330698
Conc: 334.23 ng/ml



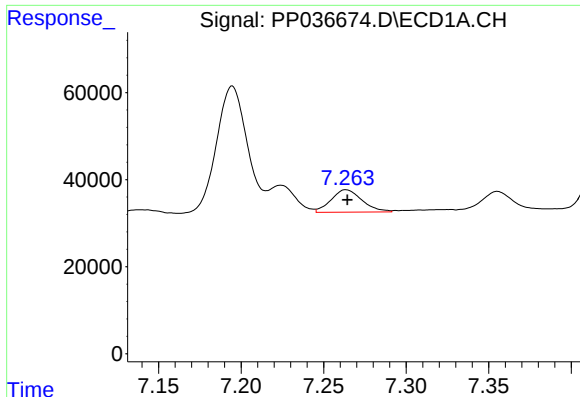
#24 AR-1248-4

R.T.: 7.224 min
Delta R.T.: 0.000 min
Response: 70104
Conc: 38.40 ng/ml



#24 AR-1248-4

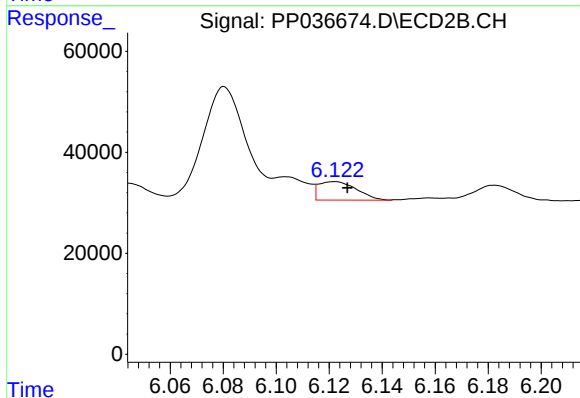
R.T.: 5.701 min
Delta R.T.: -0.003 min
Response: 334806
Conc: 286.23 ng/ml



#25 AR-1248-5

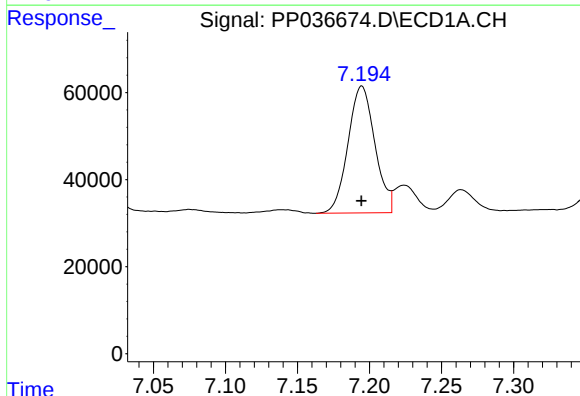
R.T.: 7.264 min
Delta R.T.: 0.000 min
Response: 67171
Conc: 37.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



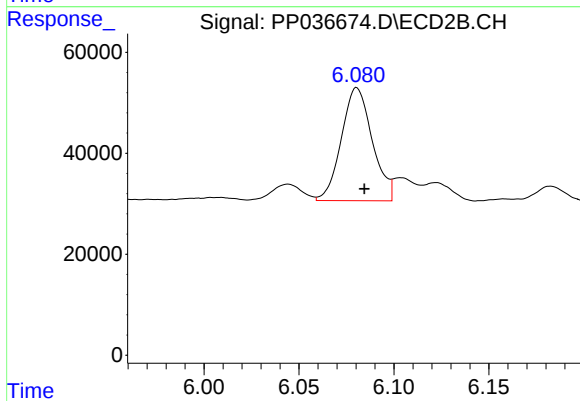
#25 AR-1248-5

R.T.: 6.122 min
Delta R.T.: -0.005 min
Response: 36467
Conc: 30.74 ng/ml



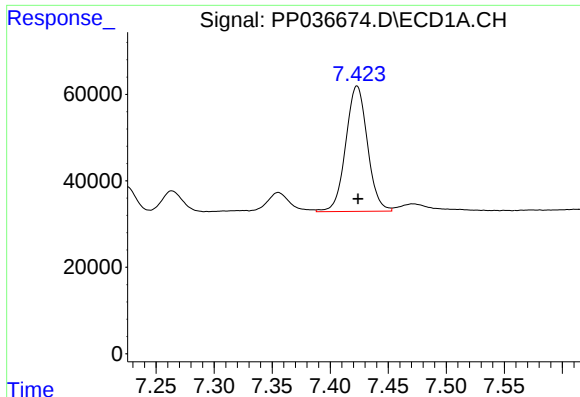
#26 AR-1254-1

R.T.: 7.195 min
Delta R.T.: 0.000 min
Response: 378648
Conc: 215.30 ng/ml



#26 AR-1254-1

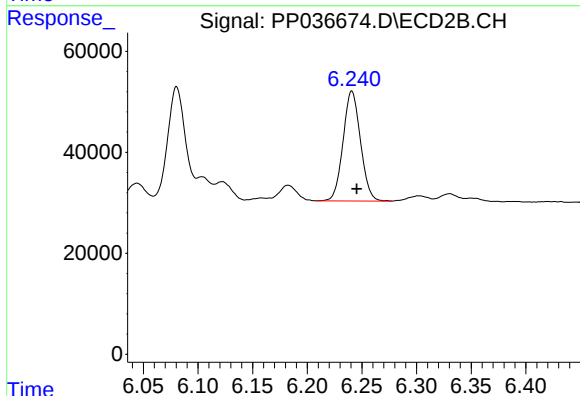
R.T.: 6.080 min
Delta R.T.: -0.004 min
Response: 253942
Conc: 149.87 ng/ml



#27 AR-1254-2

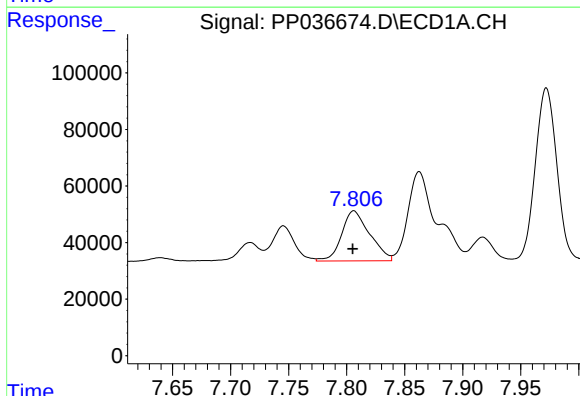
R.T.: 7.423 min
Delta R.T.: 0.000 min
Response: 377415
Conc: 139.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



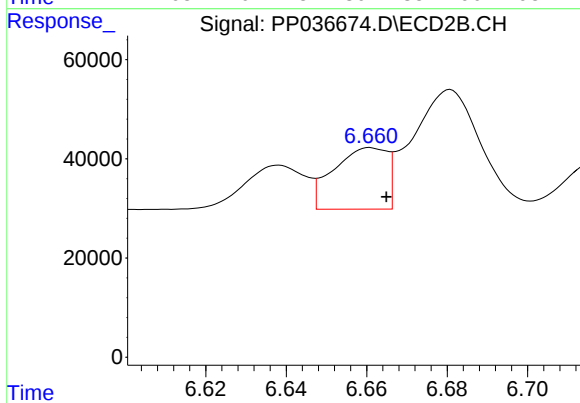
#27 AR-1254-2

R.T.: 6.241 min
Delta R.T.: -0.004 min
Response: 241684
Conc: 162.49 ng/ml



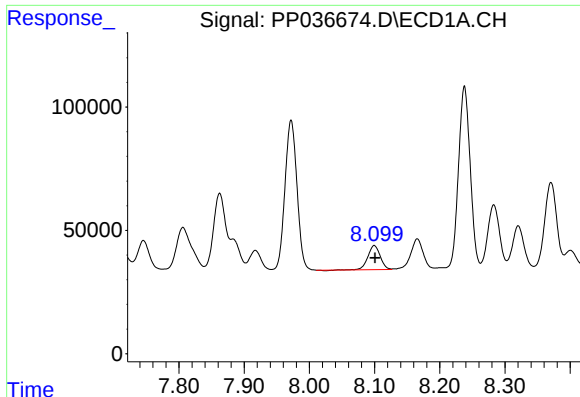
#28 AR-1254-3

R.T.: 7.806 min
Delta R.T.: 0.001 min
Response: 296861
Conc: 100.22 ng/ml



#28 AR-1254-3

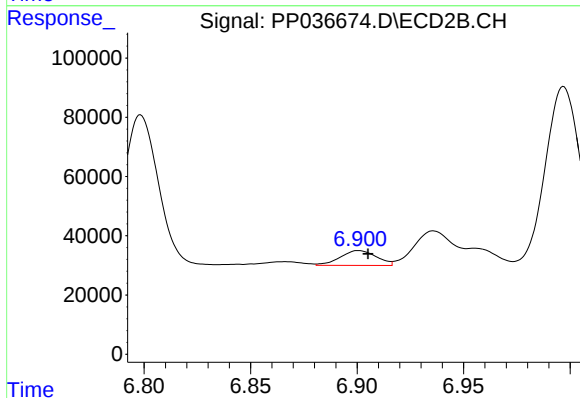
R.T.: 6.661 min
Delta R.T.: -0.004 min
Response: 114498
Conc: 47.10 ng/ml



#29 AR-1254-4

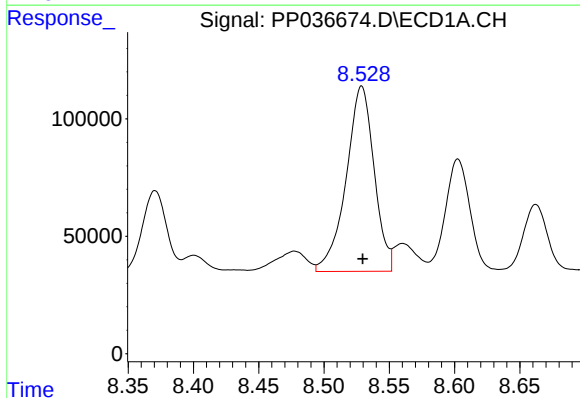
R.T.: 8.100 min
Delta R.T.: -0.001 min
Response: 128591
Conc: 58.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



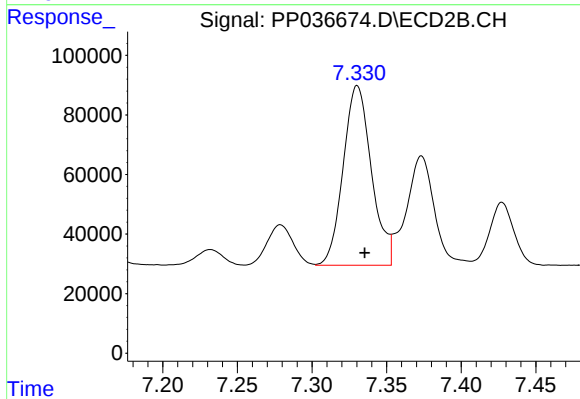
#29 AR-1254-4

R.T.: 6.901 min
Delta R.T.: -0.004 min
Response: 59062
Conc: 38.17 ng/ml



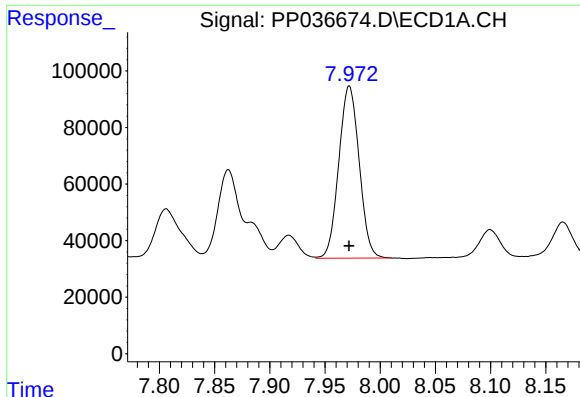
#30 AR-1254-5

R.T.: 8.529 min
Delta R.T.: 0.000 min
Response: 1176323
Conc: 494.64 ng/ml



#30 AR-1254-5

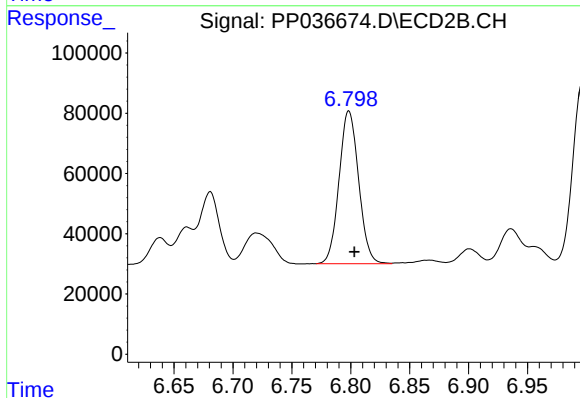
R.T.: 7.330 min
Delta R.T.: -0.005 min
Response: 793955
Conc: 369.23 ng/ml



#31 AR-1260-1

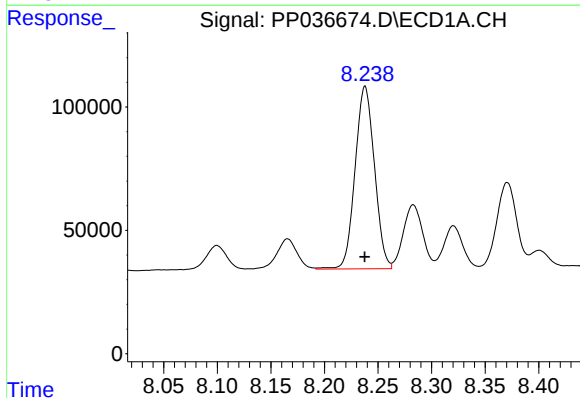
R.T.: 7.972 min
Delta R.T.: 0.000 min
Response: 782469
Conc: 360.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



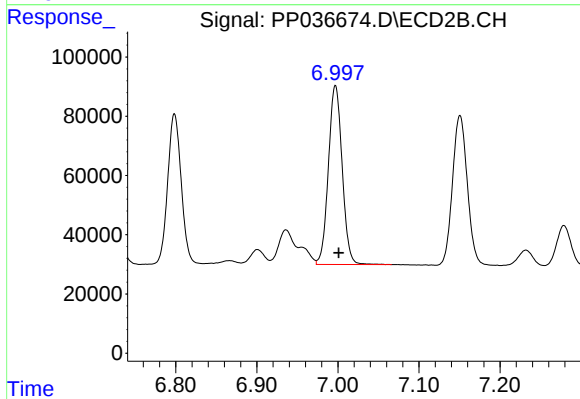
#31 AR-1260-1

R.T.: 6.798 min
Delta R.T.: -0.005 min
Response: 587157
Conc: 364.68 ng/ml



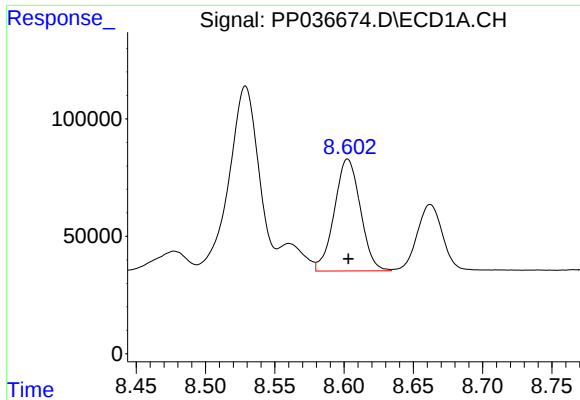
#32 AR-1260-2

R.T.: 8.238 min
Delta R.T.: 0.000 min
Response: 930674
Conc: 363.13 ng/ml



#32 AR-1260-2

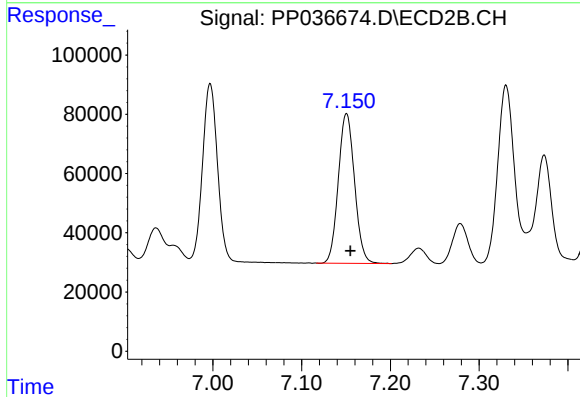
R.T.: 6.997 min
Delta R.T.: -0.004 min
Response: 713572
Conc: 367.96 ng/ml



#33 AR-1260-3

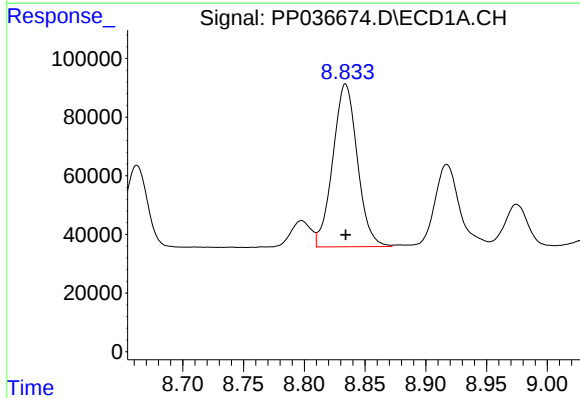
R.T.: 8.603 min
Delta R.T.: 0.000 min
Response: 622089
Conc: 310.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



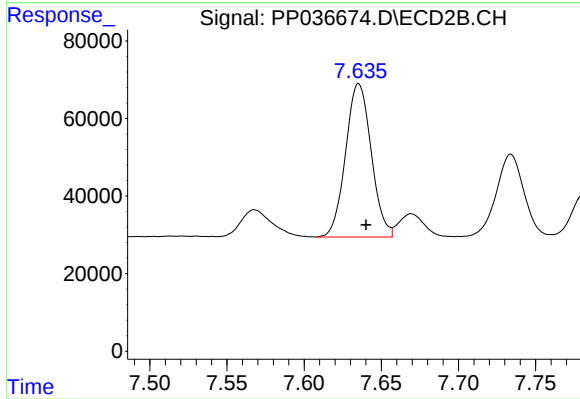
#33 AR-1260-3

R.T.: 7.151 min
Delta R.T.: -0.004 min
Response: 640723
Conc: 352.30 ng/ml



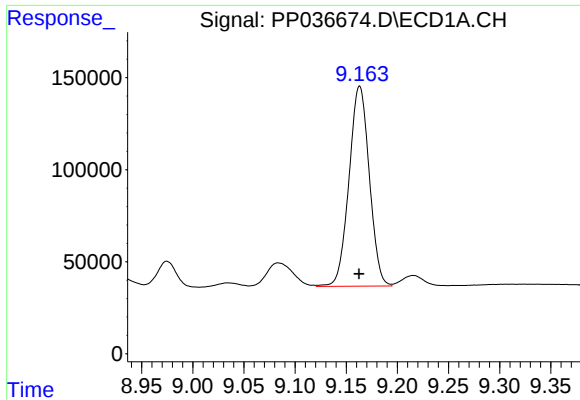
#34 AR-1260-4

R.T.: 8.834 min
Delta R.T.: 0.000 min
Response: 779322
Conc: 328.93 ng/ml



#34 AR-1260-4

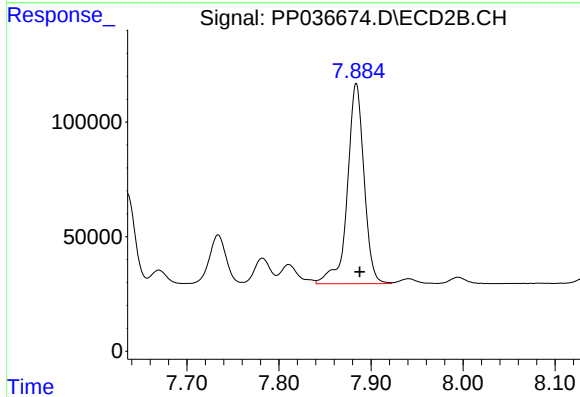
R.T.: 7.635 min
Delta R.T.: -0.005 min
Response: 456846
Conc: 294.60 ng/ml



#35 AR-1260-5

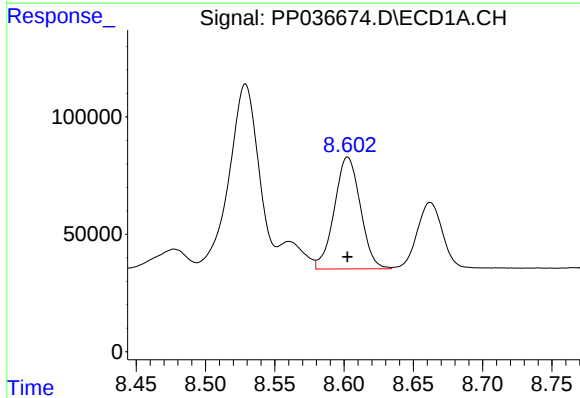
R.T.: 9.163 min
Delta R.T.: 0.000 min
Response: 1503240
Conc: 336.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



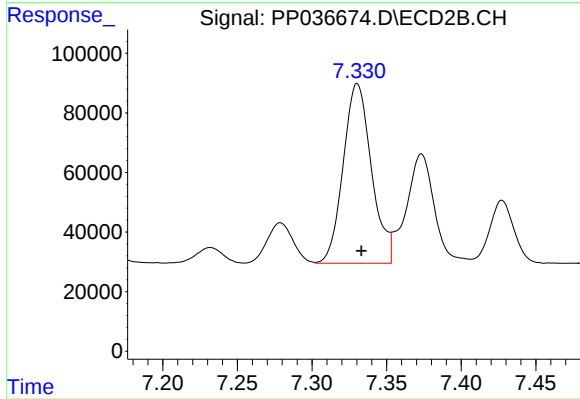
#35 AR-1260-5

R.T.: 7.884 min
Delta R.T.: -0.004 min
Response: 1100135
Conc: 299.38 ng/ml



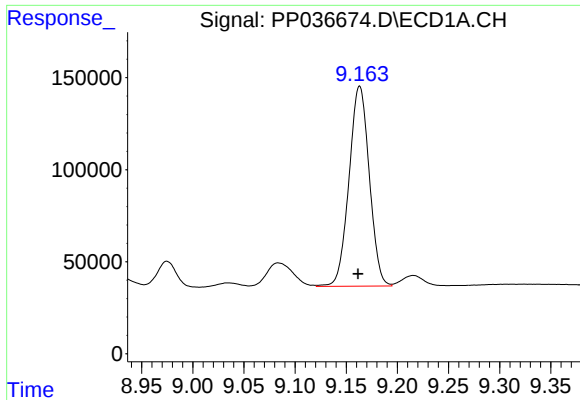
#36 AR-1262-1

R.T.: 8.603 min
Delta R.T.: 0.000 min
Response: 622089
Conc: 218.32 ng/ml



#36 AR-1262-1

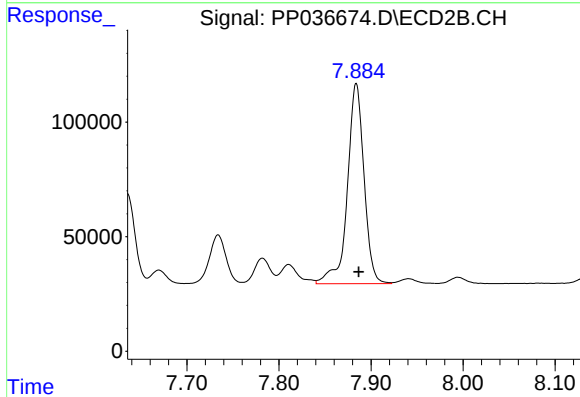
R.T.: 7.330 min
Delta R.T.: -0.003 min
Response: 793955
Conc: 666.13 ng/ml



#37 AR-1262-2

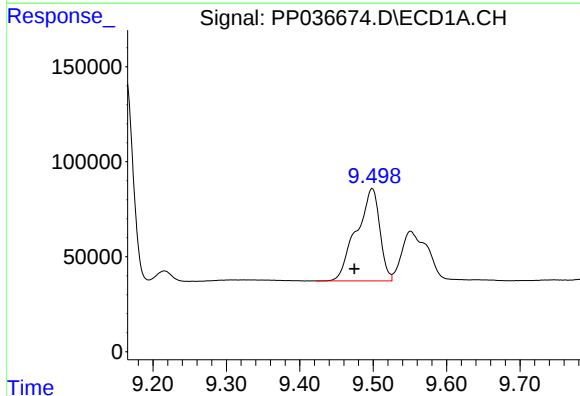
R.T.: 9.163 min
Delta R.T.: 0.002 min
Response: 1503240
Conc: 295.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



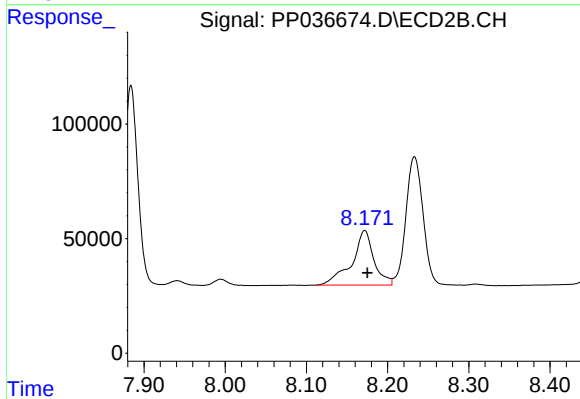
#37 AR-1262-2

R.T.: 7.884 min
Delta R.T.: -0.003 min
Response: 1100135
Conc: 280.64 ng/ml



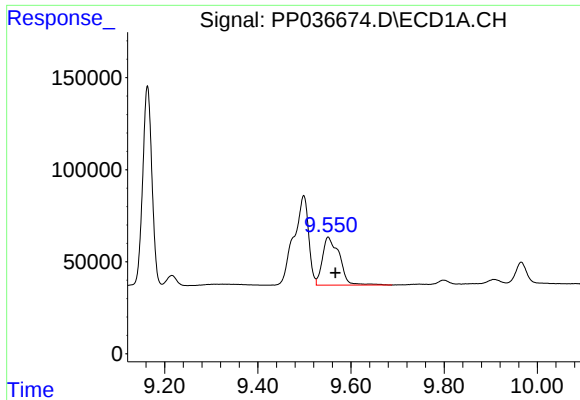
#38 AR-1262-3

R.T.: 9.498 min
Delta R.T.: 0.024 min
Response: 1068844
Conc: 288.52 ng/ml



#38 AR-1262-3

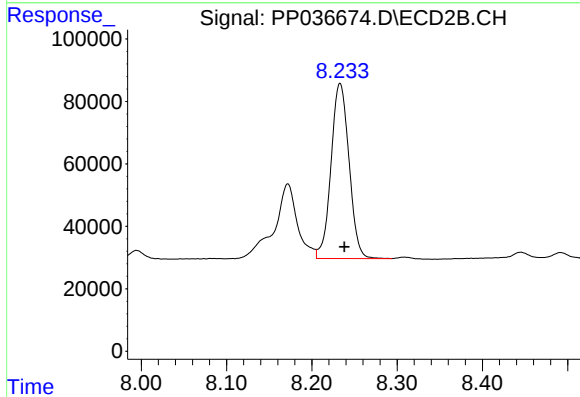
R.T.: 8.172 min
Delta R.T.: -0.003 min
Response: 451630
Conc: 283.79 ng/ml



#39 AR-1262-4

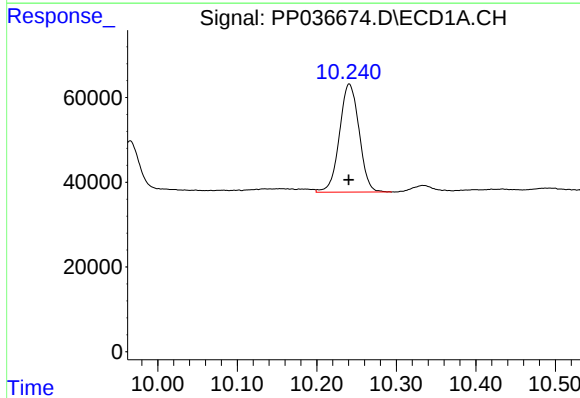
R.T.: 9.551 min
Delta R.T.: -0.016 min
Response: 659903
Conc: 229.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



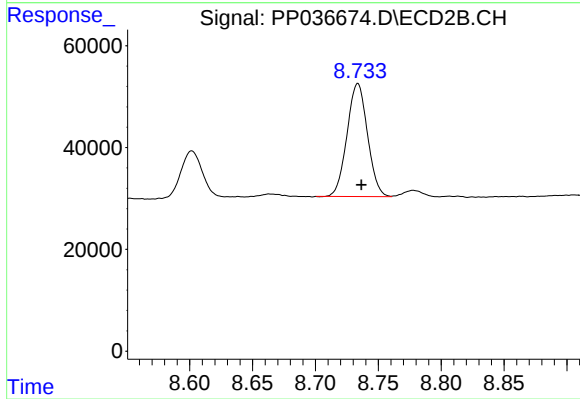
#39 AR-1262-4

R.T.: 8.233 min
Delta R.T.: -0.005 min
Response: 822594
Conc: 276.38 ng/ml



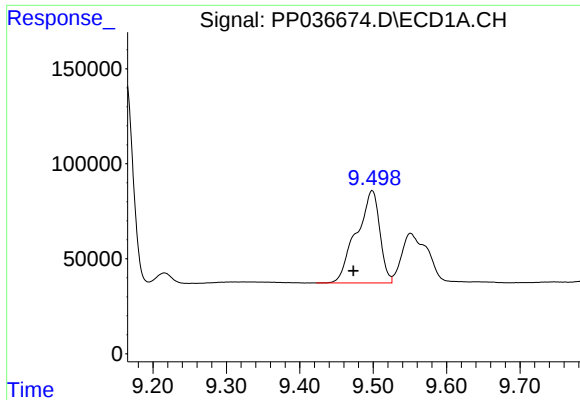
#40 AR-1262-5

R.T.: 10.241 min
Delta R.T.: 0.000 min
Response: 438154
Conc: 207.39 ng/ml



#40 AR-1262-5

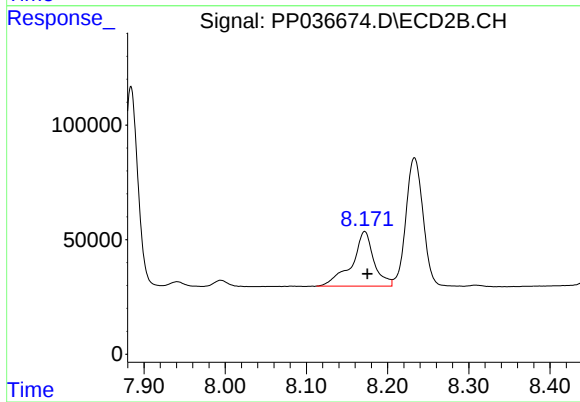
R.T.: 8.734 min
Delta R.T.: -0.003 min
Response: 251764
Conc: 176.67 ng/ml



#41 AR-1268-1

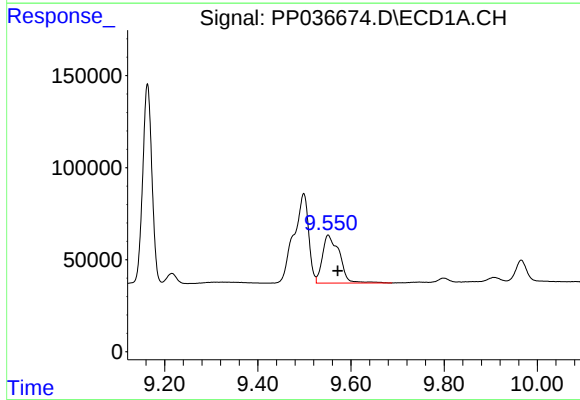
R.T.: 9.498 min
Delta R.T.: 0.025 min
Response: 1068844
Conc: 178.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



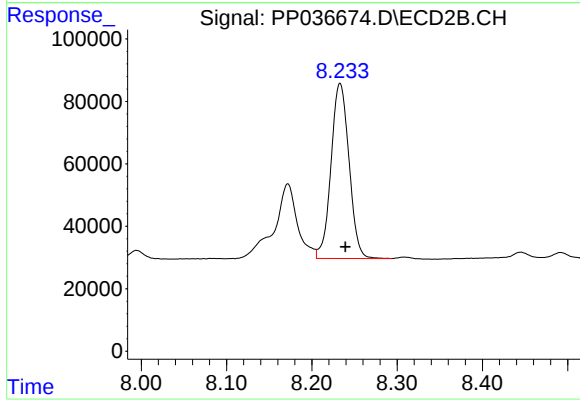
#41 AR-1268-1

R.T.: 8.172 min
Delta R.T.: -0.003 min
Response: 451630
Conc: 96.99 ng/ml



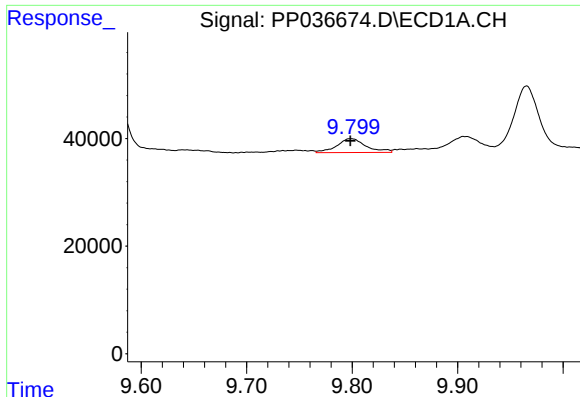
#42 AR-1268-2

R.T.: 9.551 min
Delta R.T.: -0.020 min
Response: 659903
Conc: 115.77 ng/ml



#42 AR-1268-2

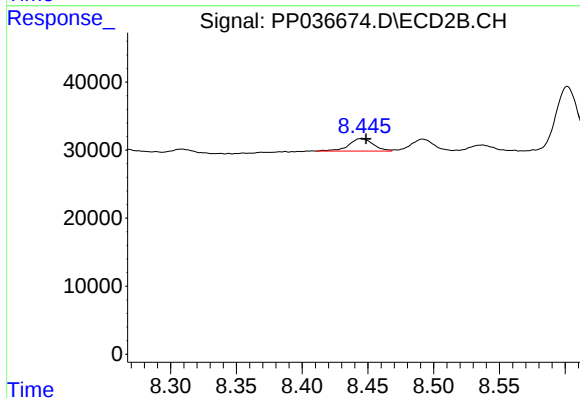
R.T.: 8.233 min
Delta R.T.: -0.006 min
Response: 822594
Conc: 190.70 ng/ml



#43 AR-1268-3

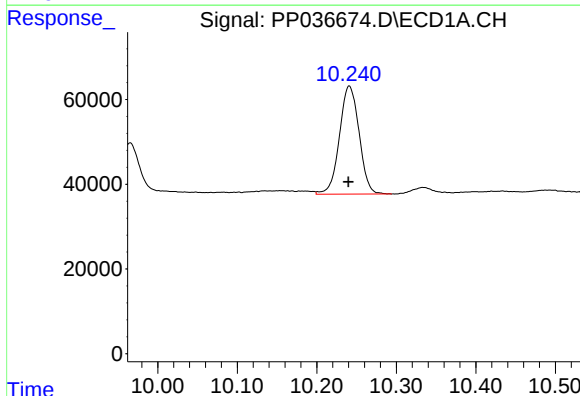
R.T.: 9.799 min
Delta R.T.: 0.000 min
Response: 50057
Conc: 10.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



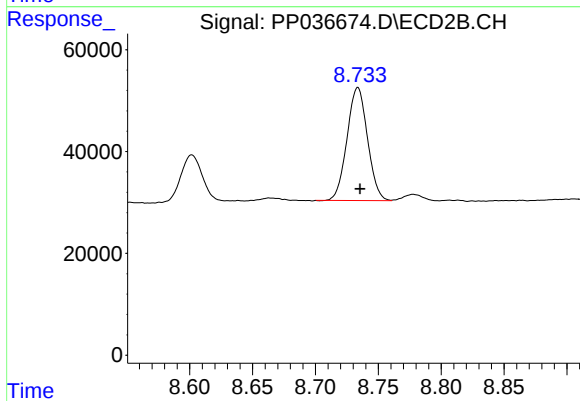
#43 AR-1268-3

R.T.: 8.445 min
Delta R.T.: -0.004 min
Response: 23614
Conc: 6.47 ng/ml



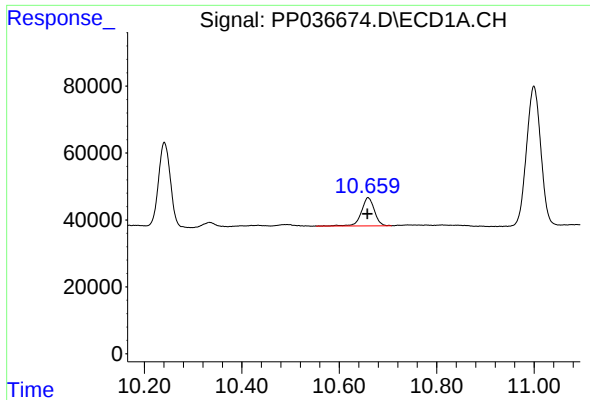
#44 AR-1268-4

R.T.: 10.241 min
Delta R.T.: 0.001 min
Response: 438154
Conc: 186.01 ng/ml



#44 AR-1268-4

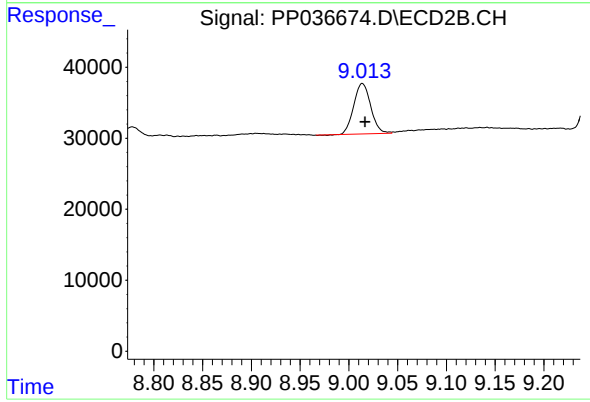
R.T.: 8.734 min
Delta R.T.: -0.002 min
Response: 251764
Conc: 158.27 ng/ml



#45 AR-1268-5

R.T.: 10.659 min
Delta R.T.: 0.002 min
Response: 156290
Conc: 10.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.014 min
Delta R.T.: -0.003 min
Response: 86533
Conc: 7.32 ng/ml