

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP052621\
 Data File : PP036120.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 26 May 2021 12:19
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 26 12:43:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP052521.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 26 00:48:29 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...	4.966	3.964	2271132	1465298	51.027	52.502
2)	SA Decachlor...	10.993	9.274	2119034	1190228	49.583	51.880
Target Compounds							
3)	L1 AR-1016-1	6.285	5.220	805254	490310	502.408	526.388
4)	L1 AR-1016-2	6.309	5.240	1137634	679753	502.049	520.309
5)	L1 AR-1016-3	6.375	5.431	729831	372400	504.003	526.641
6)	L1 AR-1016-4	6.482	5.484	612962	276038	506.197	519.635
7)	L1 AR-1016-5	6.796	5.712	606397	365323	512.068	533.212
8)	L2 AR-1221-1	5.208	4.222	77281	46975	140.623	147.862
9)	L2 AR-1221-2	5.315	4.321	119960	68547	287.792	284.714
10)	L2 AR-1221-3	5.401	4.409	443950	267076	353.847	346.031
11)	L3 AR-1232-1	5.401	4.409	443950	267076	459.444	456.578
12)	L3 AR-1232-2	5.990	5.240	600646	679753	1195.300	1296.684
13)	L3 AR-1232-3	6.309	5.431	1137634	372400	1220.658	1344.272
14)	L3 AR-1232-4	6.482	5.528	612962	341443	1267.787	1504.760
15)	L3 AR-1232-5	6.579	5.712	479740	365323	1492.543	1465.866
16)	L4 AR-1242-1	6.285	5.220	805254	490310	668.556	680.995
17)	L4 AR-1242-2	6.309	5.240	1137634	679753	675.355	694.842
18)	L4 AR-1242-3	6.375	5.431	729831	372400	664.950	694.290
19)	L4 AR-1242-4	6.482	5.528	612962	341443	671.218	691.885
20)	L4 AR-1242-5	7.264	6.092	92675	259337	97.216	400.749 #
21)	L5 AR-1248-1	6.285	5.220	805254	490310	864.951	913.980
22)	L5 AR-1248-2	6.579	5.484	479740	276038	401.266	395.563
23)	L5 AR-1248-3	6.796	5.528	606397	341443	418.528	474.424
24)	L5 AR-1248-4	7.224	5.712	112395	365323	70.574	413.639 #
25)	L5 AR-1248-5	7.264	6.135	92675	43278	59.362	49.214
26)	L6 AR-1254-1	7.193	6.092	427420	259337	263.819	198.454
27)	L6 AR-1254-2	7.422	6.252	453850	235441	184.238	204.201
28)	L6 AR-1254-3	7.804	6.673	285366	144787	108.173	76.043 #
29)	L6 AR-1254-4	8.098	6.912	192097	64064	95.170	53.653 #
30)	L6 AR-1254-5	8.528	7.342	1474795	918219	649.955	538.204
31)	L7 AR-1260-1	7.971	6.811	1016908	636154	501.997	509.864
32)	L7 AR-1260-2	8.236	7.009	1211191	769122	495.787	510.381
33)	L7 AR-1260-3	8.601	7.163	925696	727943	498.477	517.954
34)	L7 AR-1260-4	8.832	7.648	1111484	610482	497.743	522.172
35)	L7 AR-1260-5	9.159	7.896	2100899	1454403	492.045	525.403
36)	L8 AR-1262-1	8.601	7.342	925696	918219	367.260	1015.661 #
37)	L8 AR-1262-2	9.159	7.896	2100899	1454403	466.201	488.518
38)	L8 AR-1262-3	9.495f	8.185	1463308	349917	453.471	294.479 #
39)	L8 AR-1262-4	9.548f	8.246	935432	1092151	348.785	495.405 #
40)	L8 AR-1262-5	10.238	8.745	701233	383850	393.690	377.392
41)	L9 AR-1268-1	9.495f	8.185	1463308	349917	282.604	103.024 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP052621\
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 Response via : Initial Calibration
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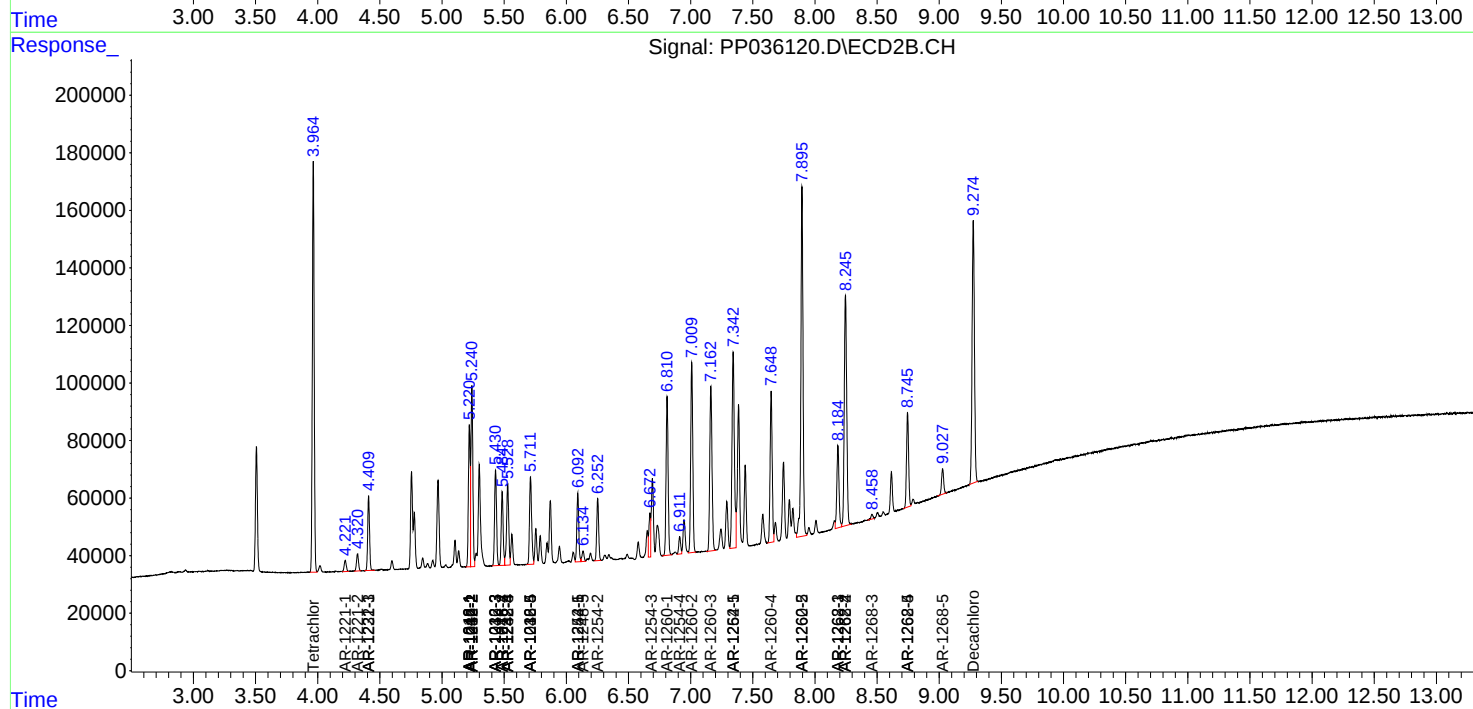
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

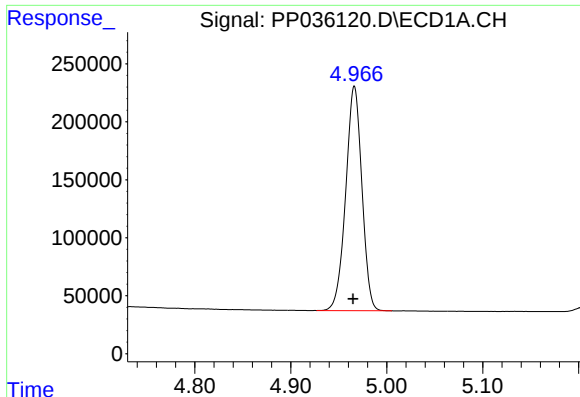
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.548f	8.246	935432	1092151	187.159	353.636 #
43) L9	AR-1268-3	9.795	8.459	37602	19136	9.012	7.436
44) L9	AR-1268-4	10.238	8.745	701233	383850	359.365	348.360
45) L9	AR-1268-5	10.655	9.028	217653	104811	16.108	12.275

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

Instrument :
ECD_P
ClientSampleId :

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

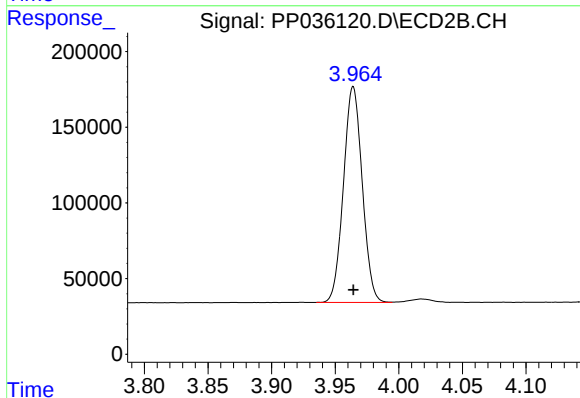




#1 Tetrachloro-m-xylene

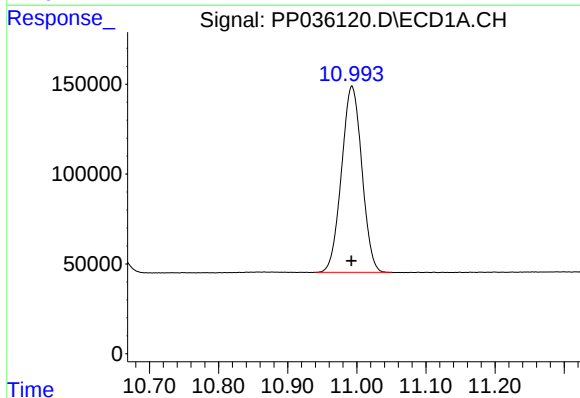
R.T.: 4.966 min
Delta R.T.: 0.001 min
Response: 2271132
Conc: 51.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



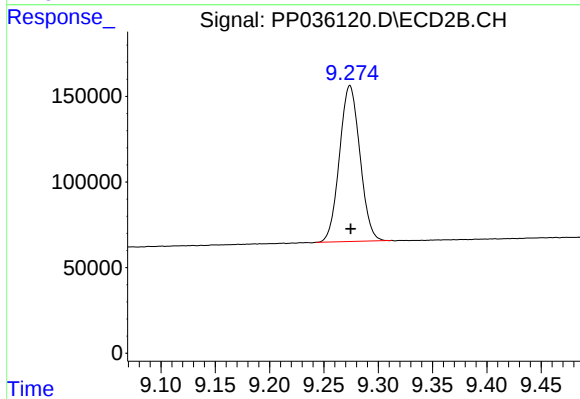
#1 Tetrachloro-m-xylene

R.T.: 3.964 min
Delta R.T.: 0.000 min
Response: 1465298
Conc: 52.50 ng/ml



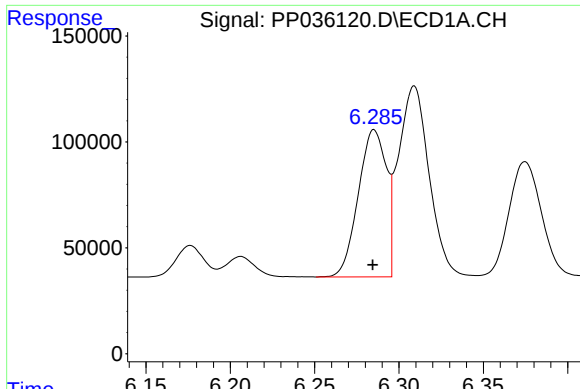
#2 Decachlorobiphenyl

R.T.: 10.993 min
Delta R.T.: 0.000 min
Response: 2119034
Conc: 49.58 ng/ml



#2 Decachlorobiphenyl

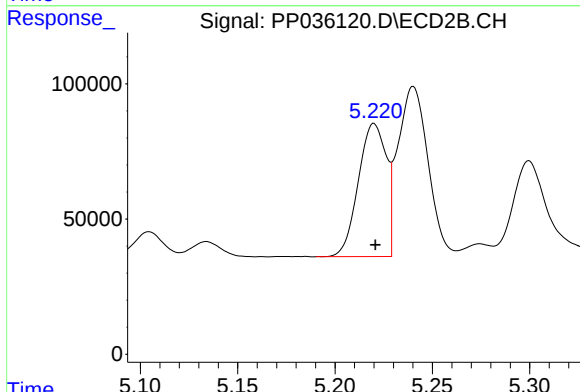
R.T.: 9.274 min
Delta R.T.: 0.000 min
Response: 1190228
Conc: 51.88 ng/ml



#3 AR-1016-1

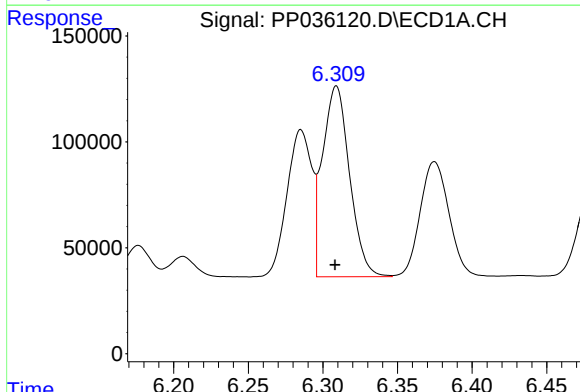
R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 805254
Conc: 502.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



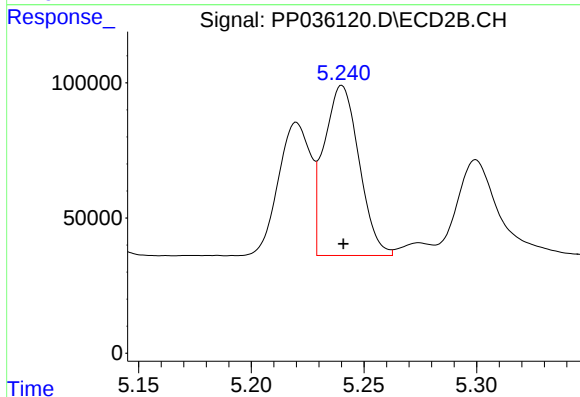
#3 AR-1016-1

R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 490310
Conc: 526.39 ng/ml



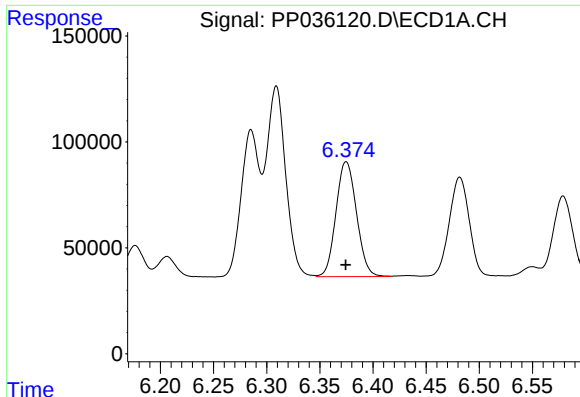
#4 AR-1016-2

R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 1137634
Conc: 502.05 ng/ml



#4 AR-1016-2

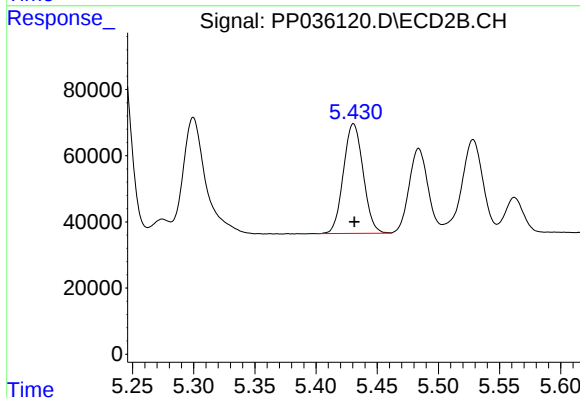
R.T.: 5.240 min
Delta R.T.: 0.000 min
Response: 679753
Conc: 520.31 ng/ml



#5 AR-1016-3

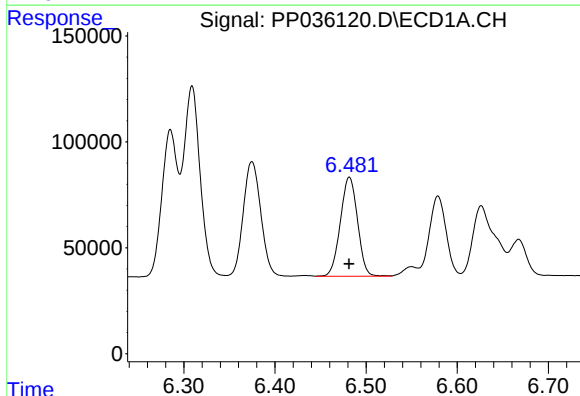
R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 729831
Conc: 504.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



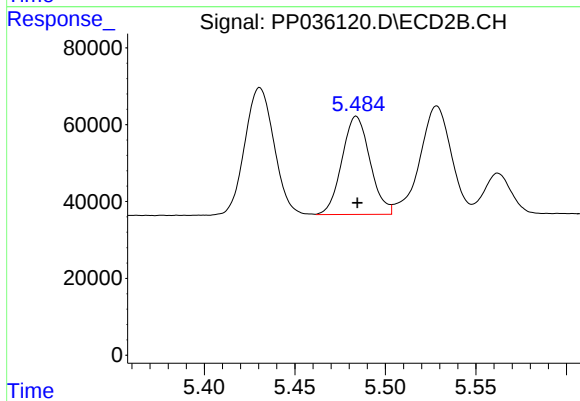
#5 AR-1016-3

R.T.: 5.431 min
Delta R.T.: 0.000 min
Response: 372400
Conc: 526.64 ng/ml



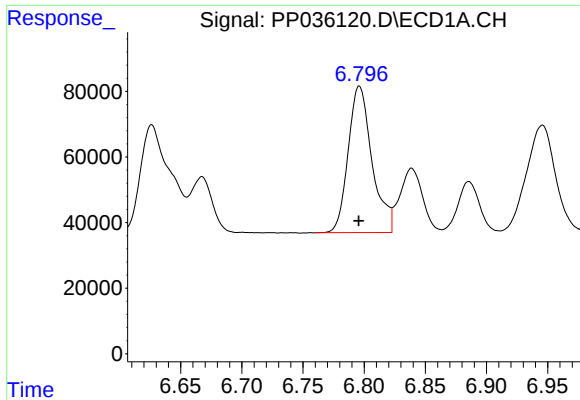
#6 AR-1016-4

R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 612962
Conc: 506.20 ng/ml



#6 AR-1016-4

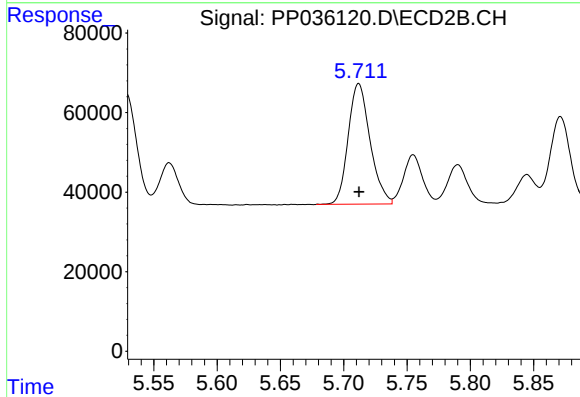
R.T.: 5.484 min
Delta R.T.: 0.000 min
Response: 276038
Conc: 519.63 ng/ml



#7 AR-1016-5

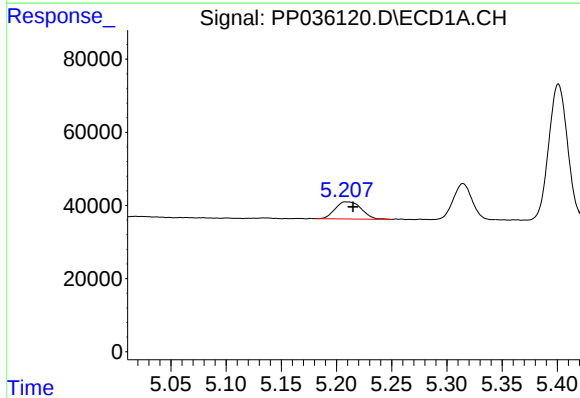
R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 606397
Conc: 512.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



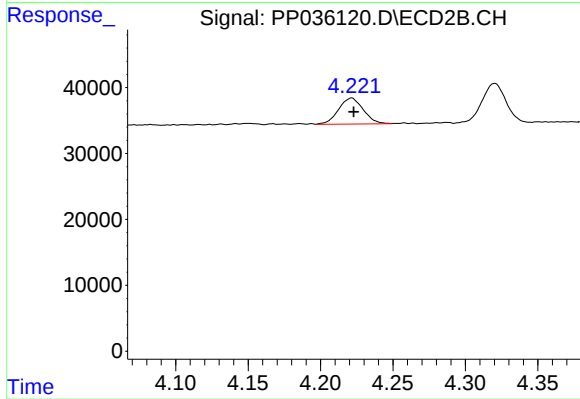
#7 AR-1016-5

R.T.: 5.712 min
Delta R.T.: 0.000 min
Response: 365323
Conc: 533.21 ng/ml



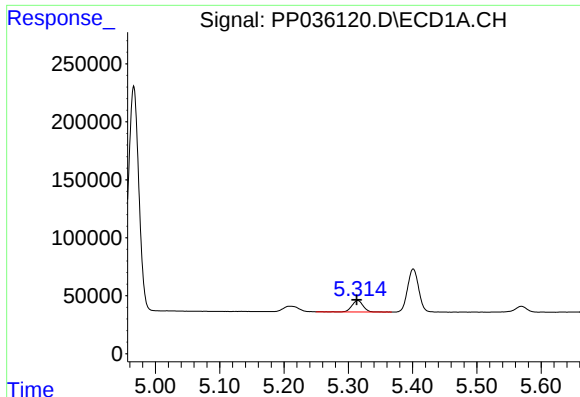
#8 AR-1221-1

R.T.: 5.208 min
Delta R.T.: -0.007 min
Response: 77281
Conc: 140.62 ng/ml



#8 AR-1221-1

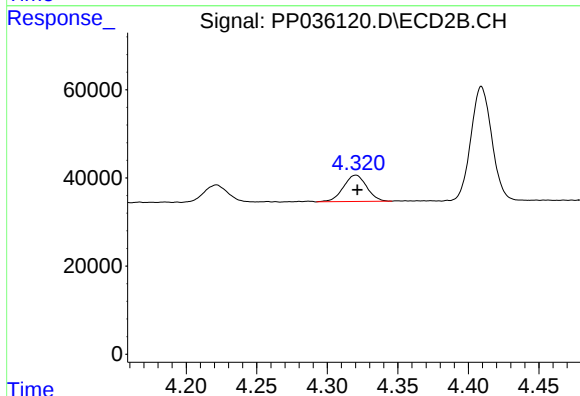
R.T.: 4.222 min
Delta R.T.: -0.001 min
Response: 46975
Conc: 147.86 ng/ml



#9 AR-1221-2

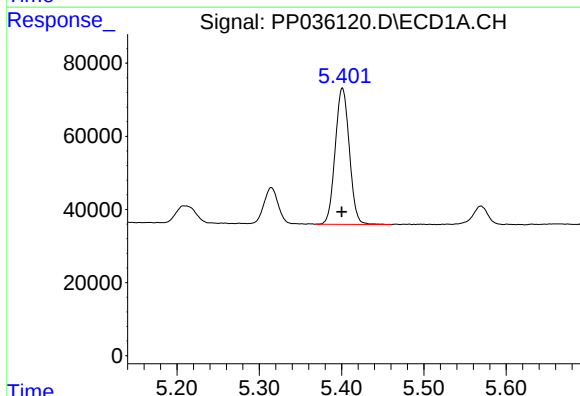
R.T.: 5.315 min
Delta R.T.: 0.001 min
Response: 119960
Conc: 287.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



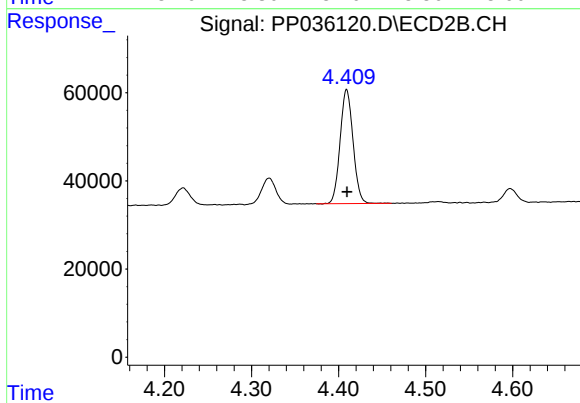
#9 AR-1221-2

R.T.: 4.321 min
Delta R.T.: 0.000 min
Response: 68547
Conc: 284.71 ng/ml



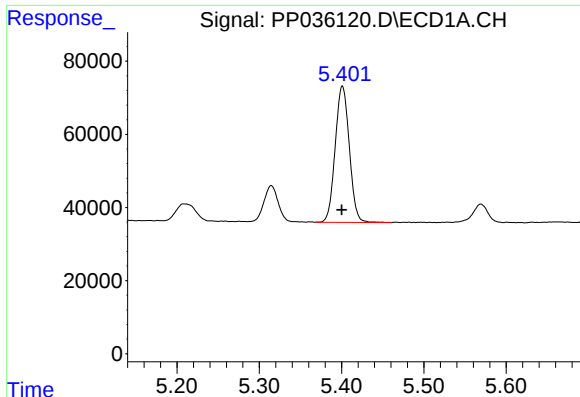
#10 AR-1221-3

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 443950
Conc: 353.85 ng/ml



#10 AR-1221-3

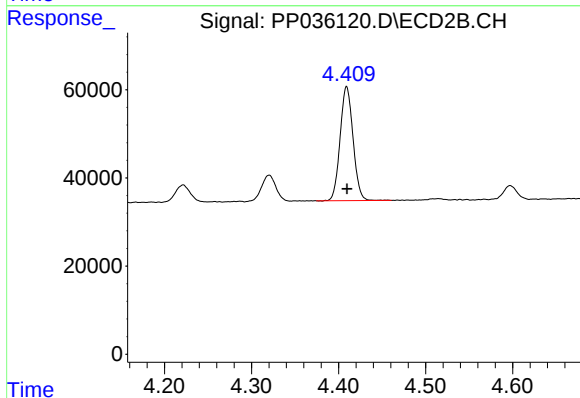
R.T.: 4.409 min
Delta R.T.: 0.000 min
Response: 267076
Conc: 346.03 ng/ml



#11 AR-1232-1

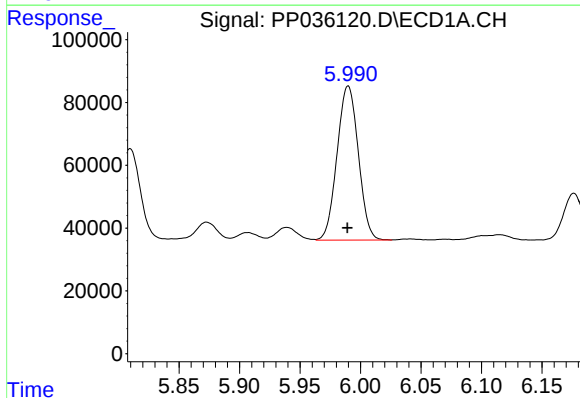
R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 443950
Conc: 459.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



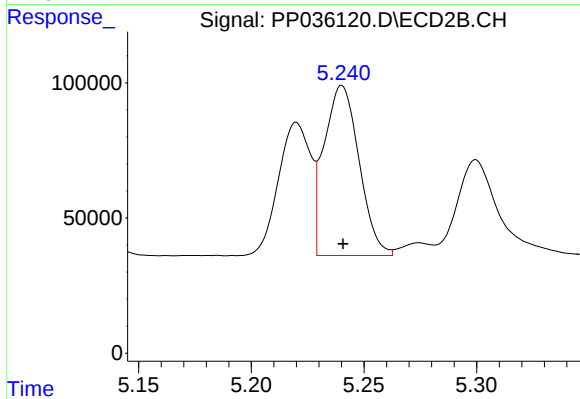
#11 AR-1232-1

R.T.: 4.409 min
Delta R.T.: 0.000 min
Response: 267076
Conc: 456.58 ng/ml



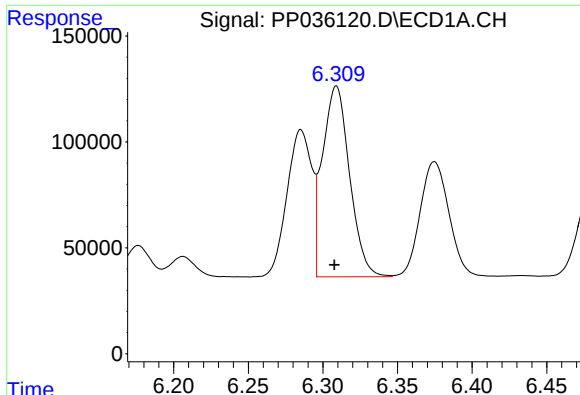
#12 AR-1232-2

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 600646
Conc: 1195.30 ng/ml



#12 AR-1232-2

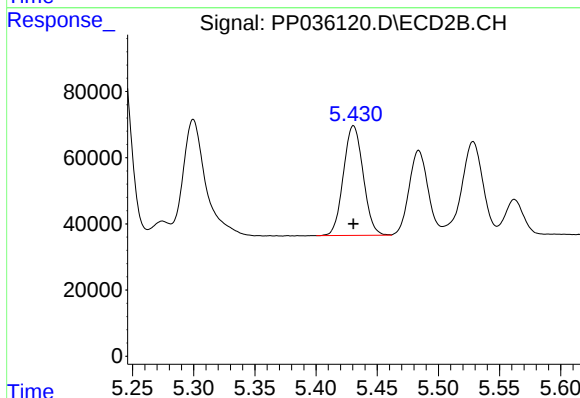
R.T.: 5.240 min
Delta R.T.: 0.000 min
Response: 679753
Conc: 1296.68 ng/ml



#13 AR-1232-3

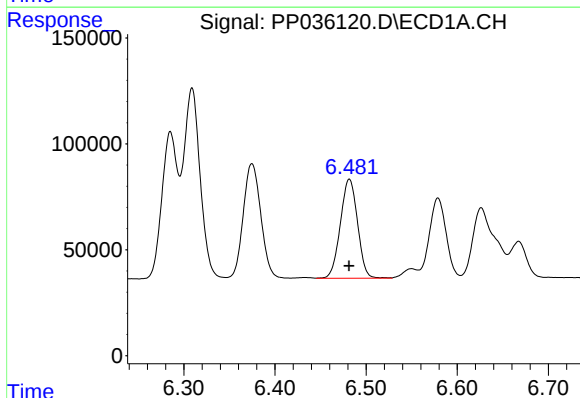
R.T.: 6.309 min
Delta R.T.: 0.001 min
Response: 1137634
Conc: 1220.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



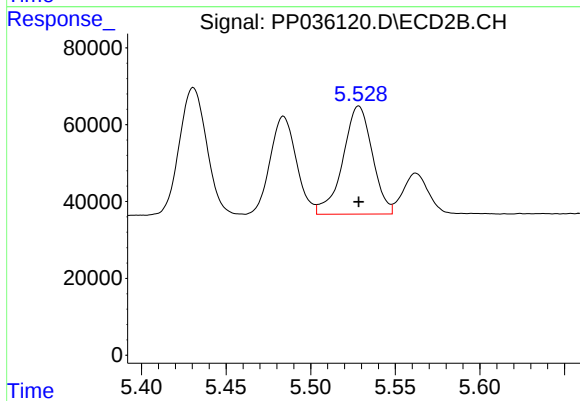
#13 AR-1232-3

R.T.: 5.431 min
Delta R.T.: 0.000 min
Response: 372400
Conc: 1344.27 ng/ml



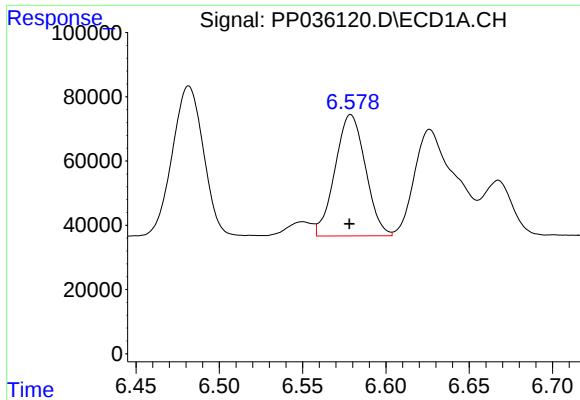
#14 AR-1232-4

R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 612962
Conc: 1267.79 ng/ml



#14 AR-1232-4

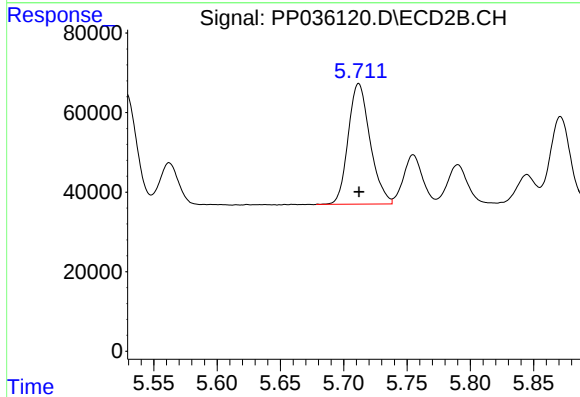
R.T.: 5.528 min
Delta R.T.: 0.000 min
Response: 341443
Conc: 1504.76 ng/ml



#15 AR-1232-5

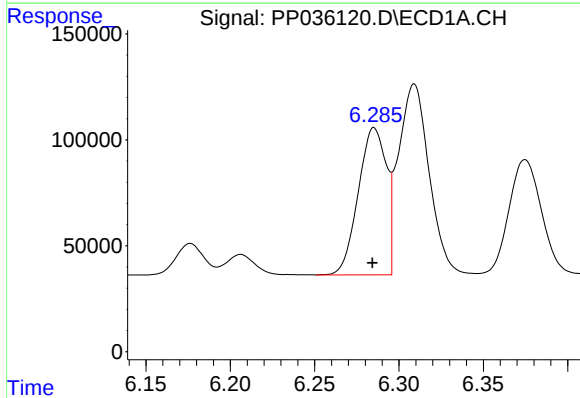
R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 479740
Conc: 1492.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



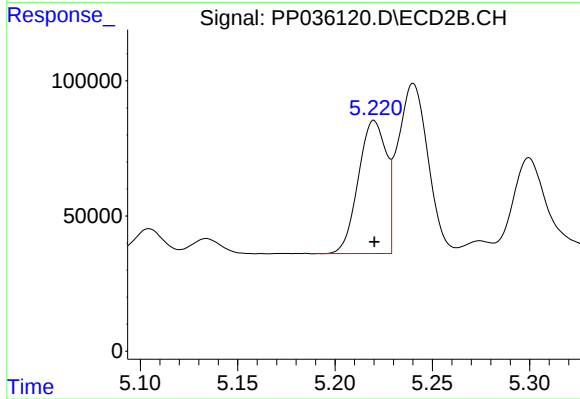
#15 AR-1232-5

R.T.: 5.712 min
Delta R.T.: 0.000 min
Response: 365323
Conc: 1465.87 ng/ml



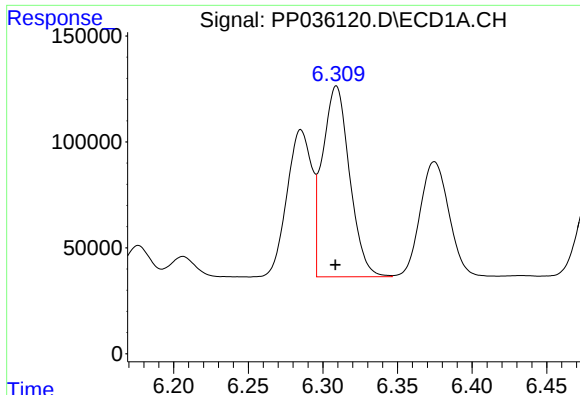
#16 AR-1242-1

R.T.: 6.285 min
Delta R.T.: 0.001 min
Response: 805254
Conc: 668.56 ng/ml



#16 AR-1242-1

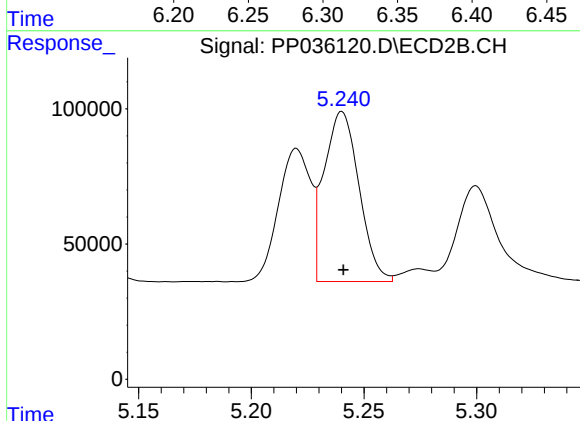
R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 490310
Conc: 681.00 ng/ml



#17 AR-1242-2

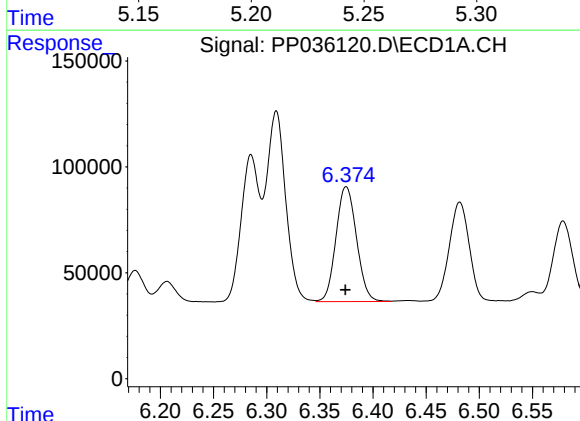
R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 1137634
Conc: 675.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



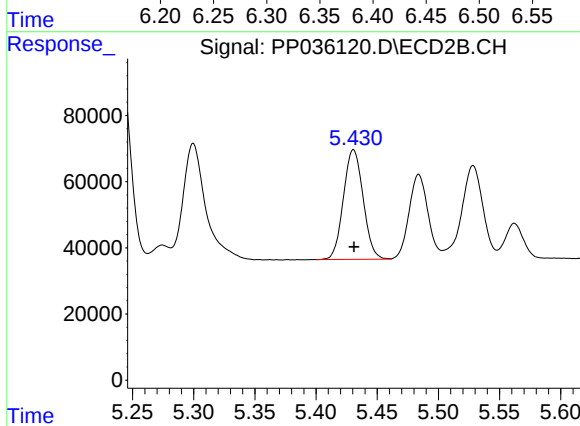
#17 AR-1242-2

R.T.: 5.240 min
Delta R.T.: 0.000 min
Response: 679753
Conc: 694.84 ng/ml



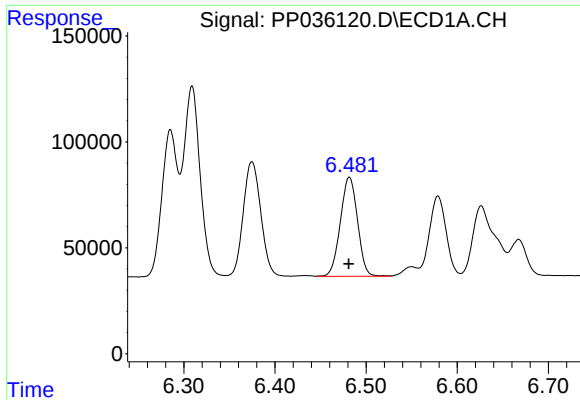
#18 AR-1242-3

R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 729831
Conc: 664.95 ng/ml



#18 AR-1242-3

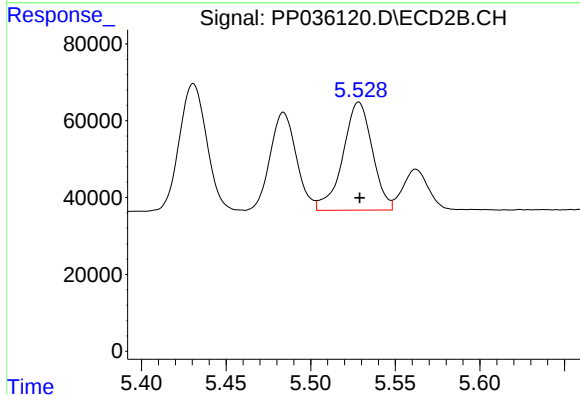
R.T.: 5.431 min
Delta R.T.: 0.000 min
Response: 372400
Conc: 694.29 ng/ml



#19 AR-1242-4

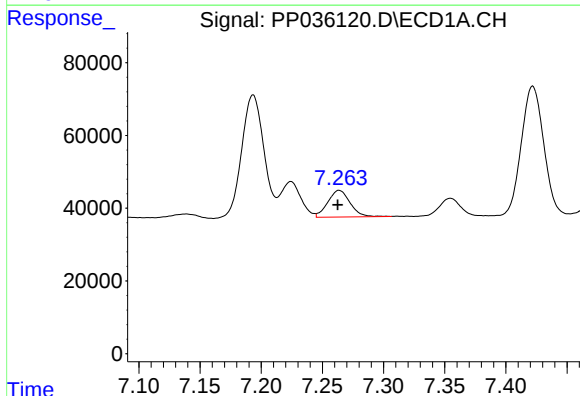
R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 612962
Conc: 671.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



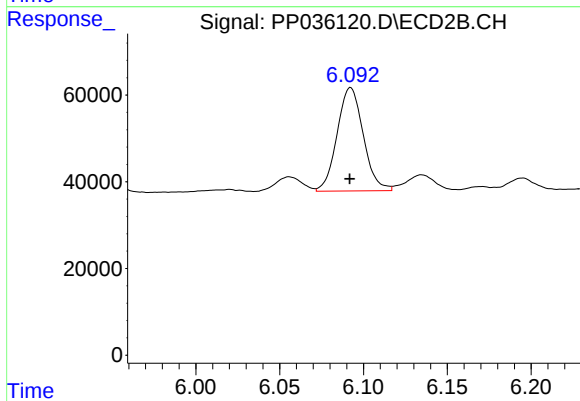
#19 AR-1242-4

R.T.: 5.528 min
Delta R.T.: 0.000 min
Response: 341443
Conc: 691.89 ng/ml



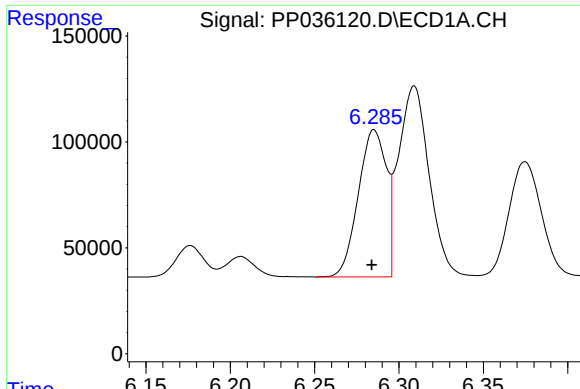
#20 AR-1242-5

R.T.: 7.264 min
Delta R.T.: 0.001 min
Response: 92675
Conc: 97.22 ng/ml



#20 AR-1242-5

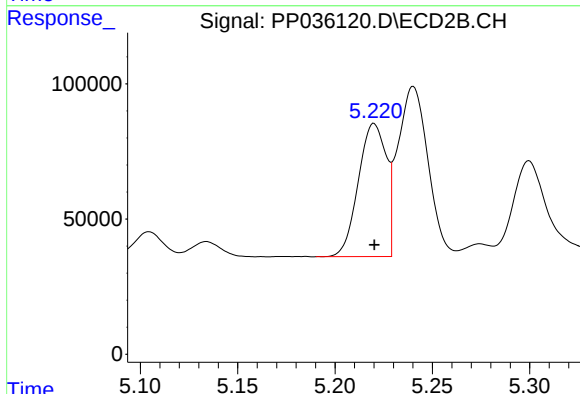
R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 259337
Conc: 400.75 ng/ml



#21 AR-1248-1

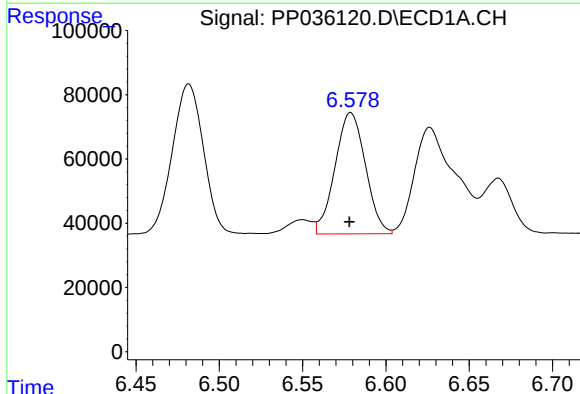
R.T.: 6.285 min
Delta R.T.: 0.001 min
Response: 805254
Conc: 864.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



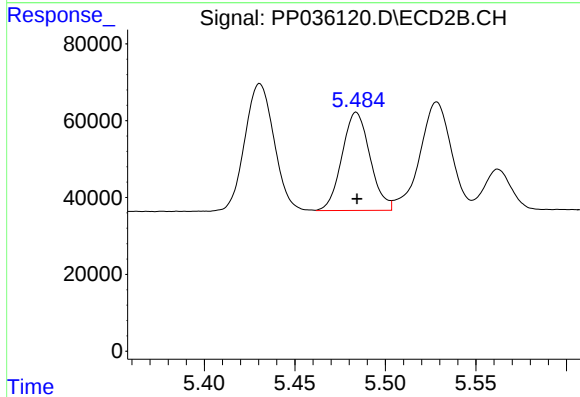
#21 AR-1248-1

R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 490310
Conc: 913.98 ng/ml



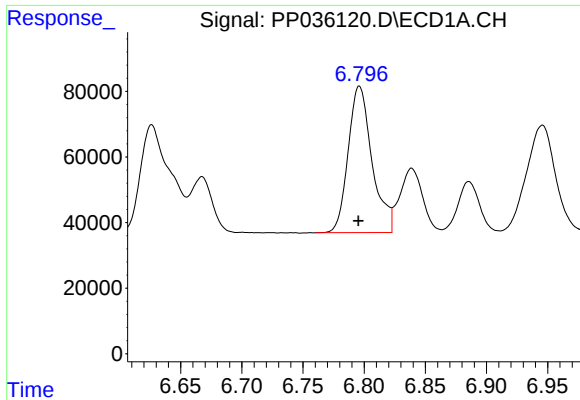
#22 AR-1248-2

R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 479740
Conc: 401.27 ng/ml



#22 AR-1248-2

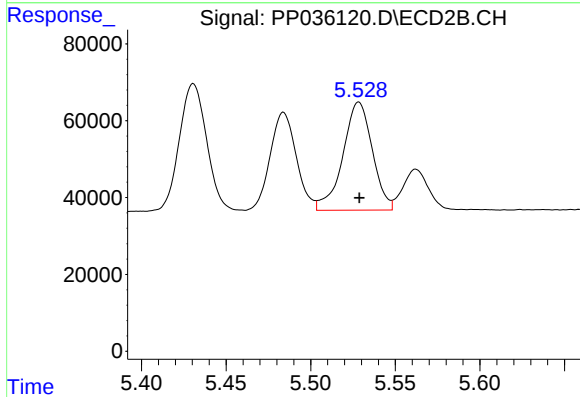
R.T.: 5.484 min
Delta R.T.: 0.000 min
Response: 276038
Conc: 395.56 ng/ml



#23 AR-1248-3

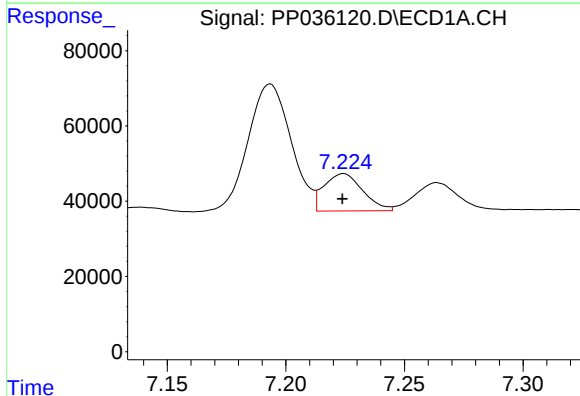
R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 606397
Conc: 418.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



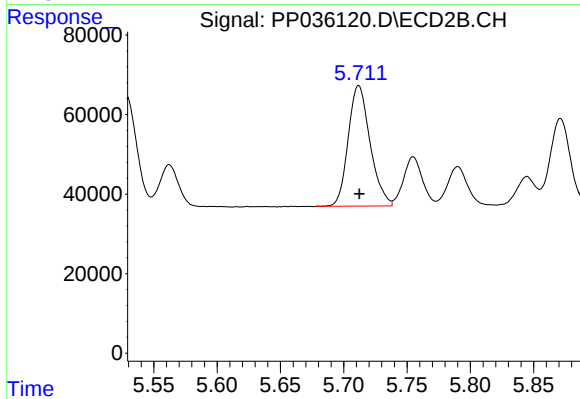
#23 AR-1248-3

R.T.: 5.528 min
Delta R.T.: 0.000 min
Response: 341443
Conc: 474.42 ng/ml



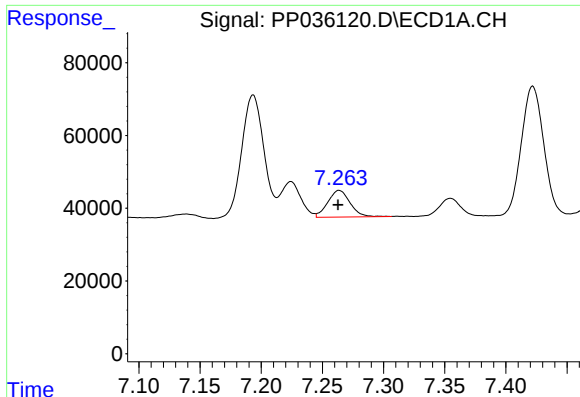
#24 AR-1248-4

R.T.: 7.224 min
Delta R.T.: 0.000 min
Response: 112395
Conc: 70.57 ng/ml



#24 AR-1248-4

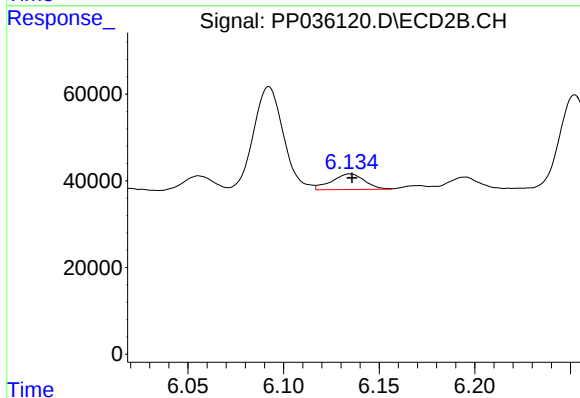
R.T.: 5.712 min
Delta R.T.: 0.000 min
Response: 365323
Conc: 413.64 ng/ml



#25 AR-1248-5

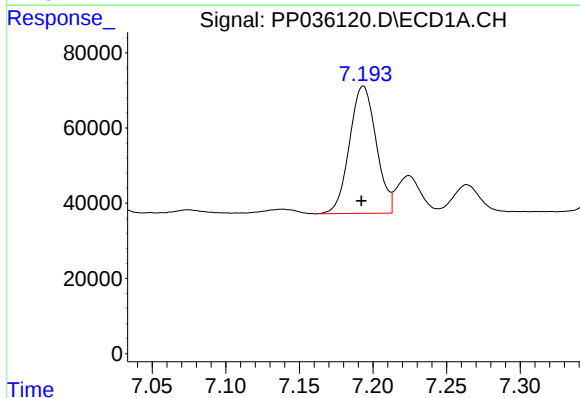
R.T.: 7.264 min
Delta R.T.: 0.000 min
Response: 92675
Conc: 59.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



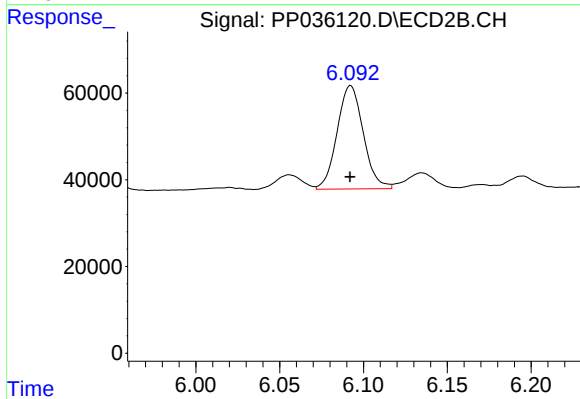
#25 AR-1248-5

R.T.: 6.135 min
Delta R.T.: -0.001 min
Response: 43278
Conc: 49.21 ng/ml



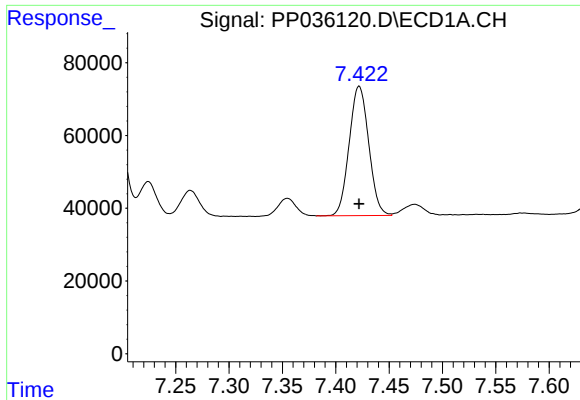
#26 AR-1254-1

R.T.: 7.193 min
Delta R.T.: 0.001 min
Response: 427420
Conc: 263.82 ng/ml



#26 AR-1254-1

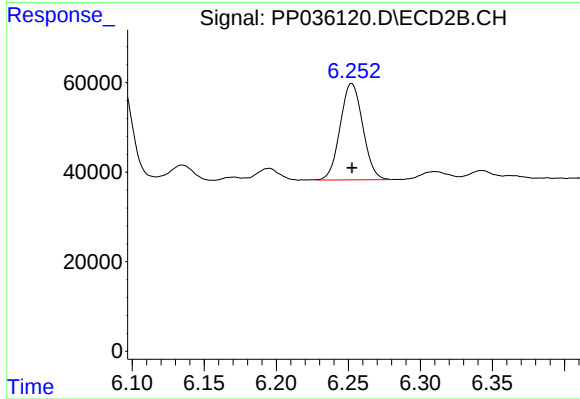
R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 259337
Conc: 198.45 ng/ml



#27 AR-1254-2

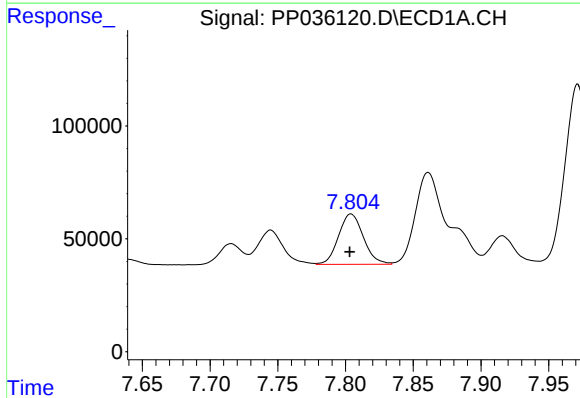
R.T.: 7.422 min
Delta R.T.: 0.000 min
Response: 453850
Conc: 184.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



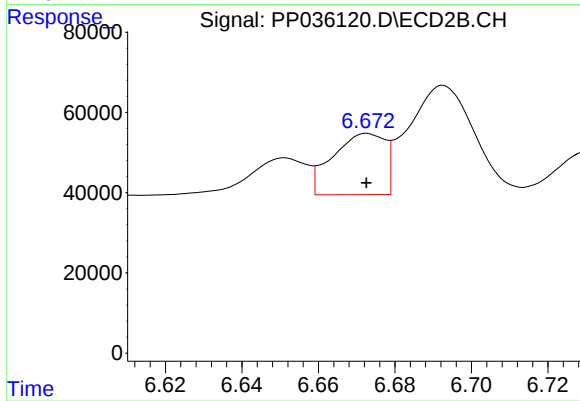
#27 AR-1254-2

R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 235441
Conc: 204.20 ng/ml



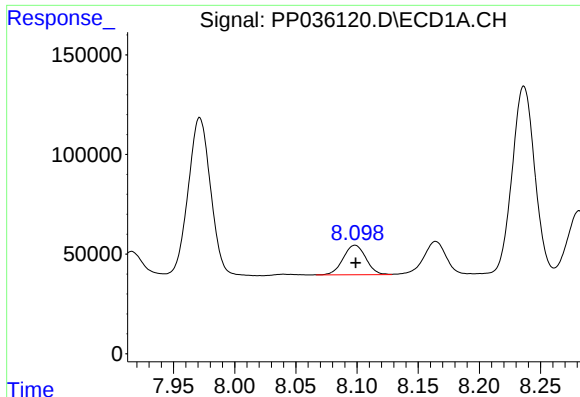
#28 AR-1254-3

R.T.: 7.804 min
Delta R.T.: 0.000 min
Response: 285366
Conc: 108.17 ng/ml



#28 AR-1254-3

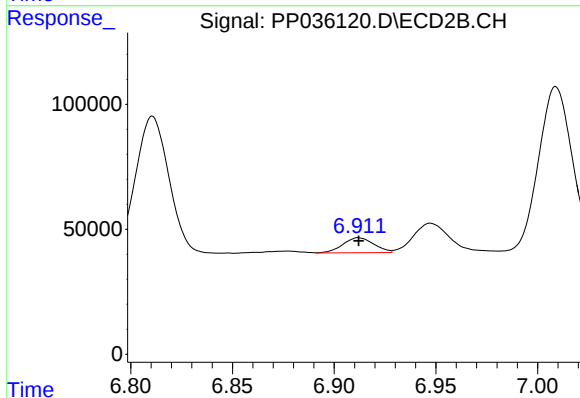
R.T.: 6.673 min
Delta R.T.: 0.000 min
Response: 144787
Conc: 76.04 ng/ml



#29 AR-1254-4

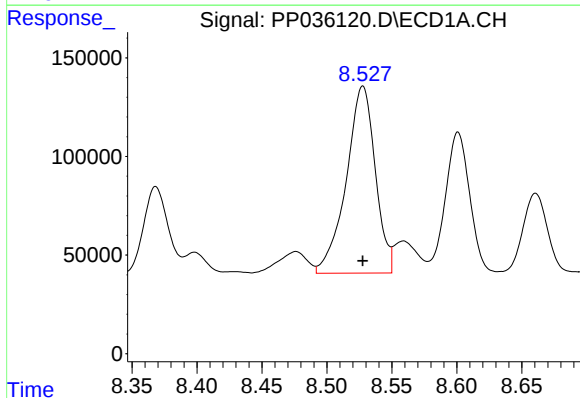
R.T.: 8.098 min
Delta R.T.: 0.000 min
Response: 192097
Conc: 95.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



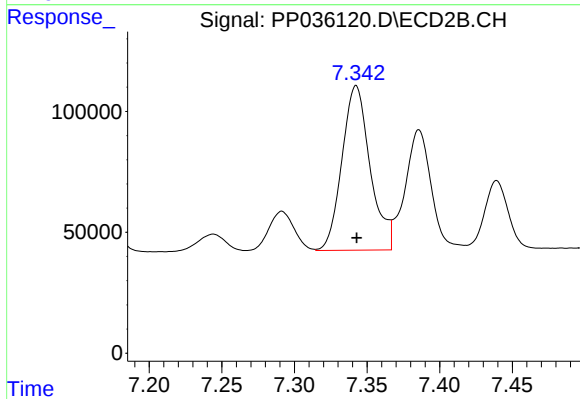
#29 AR-1254-4

R.T.: 6.912 min
Delta R.T.: 0.000 min
Response: 64064
Conc: 53.65 ng/ml



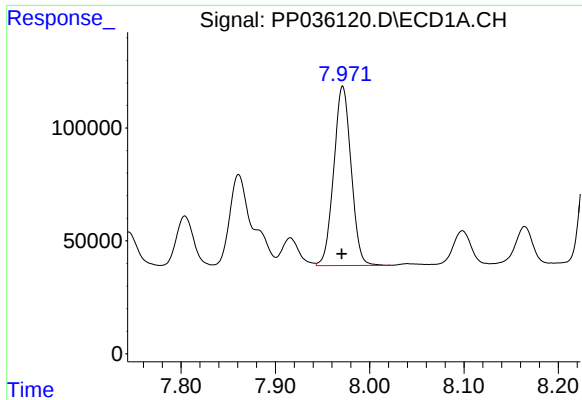
#30 AR-1254-5

R.T.: 8.528 min
Delta R.T.: 0.000 min
Response: 1474795
Conc: 649.96 ng/ml



#30 AR-1254-5

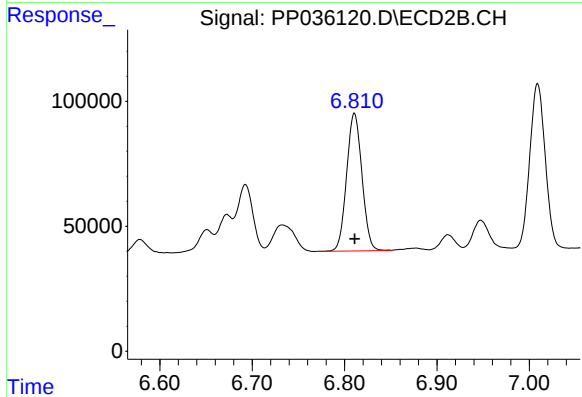
R.T.: 7.342 min
Delta R.T.: 0.000 min
Response: 918219
Conc: 538.20 ng/ml



#31 AR-1260-1

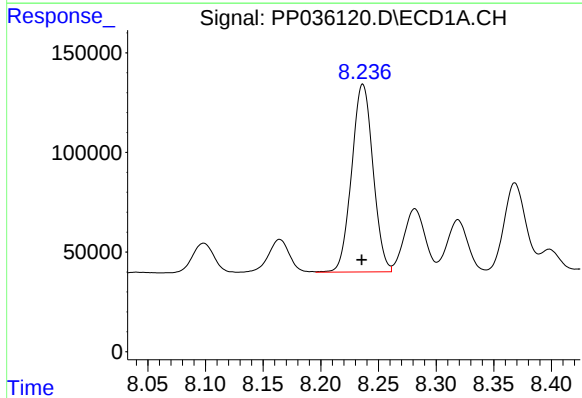
R.T.: 7.971 min
Delta R.T.: 0.001 min
Response: 1016908
Conc: 502.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



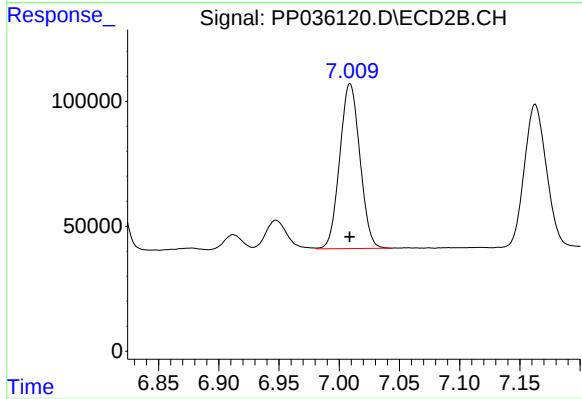
#31 AR-1260-1

R.T.: 6.811 min
Delta R.T.: 0.000 min
Response: 636154
Conc: 509.86 ng/ml



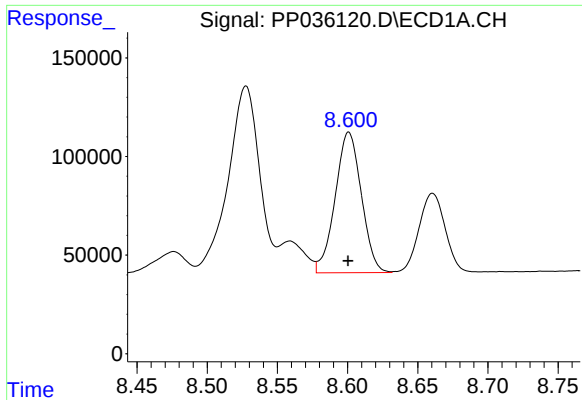
#32 AR-1260-2

R.T.: 8.236 min
Delta R.T.: 0.000 min
Response: 1211191
Conc: 495.79 ng/ml



#32 AR-1260-2

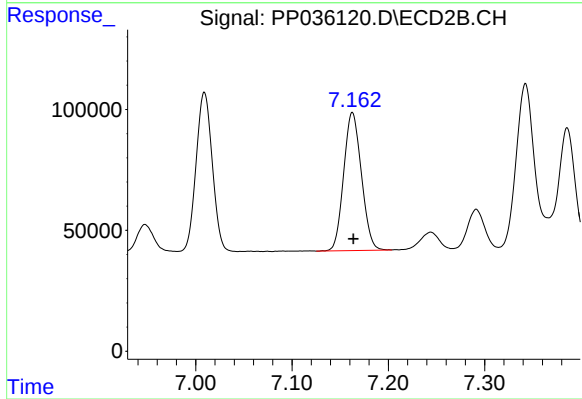
R.T.: 7.009 min
Delta R.T.: 0.000 min
Response: 769122
Conc: 510.38 ng/ml



#33 AR-1260-3

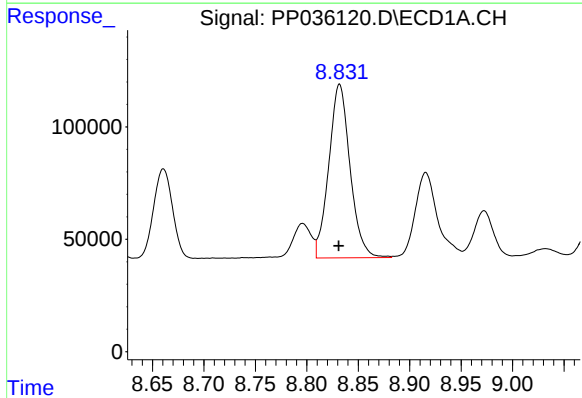
R.T.: 8.601 min
Delta R.T.: 0.000 min
Response: 925696
Conc: 498.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



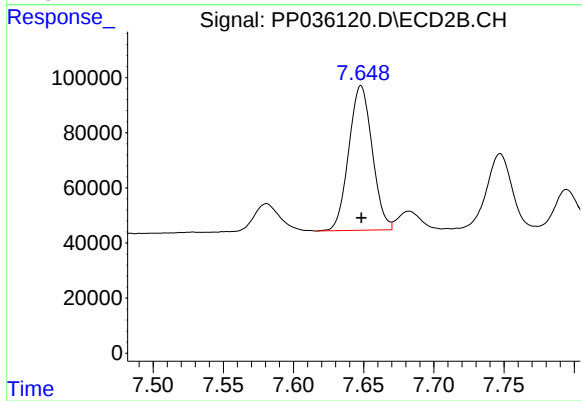
#33 AR-1260-3

R.T.: 7.163 min
Delta R.T.: -0.001 min
Response: 727943
Conc: 517.95 ng/ml



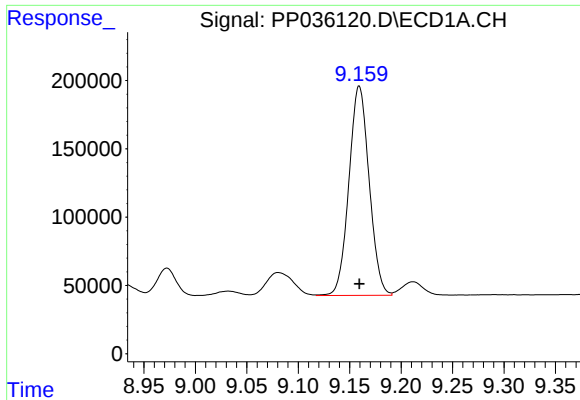
#34 AR-1260-4

R.T.: 8.832 min
Delta R.T.: 0.000 min
Response: 1111484
Conc: 497.74 ng/ml



#34 AR-1260-4

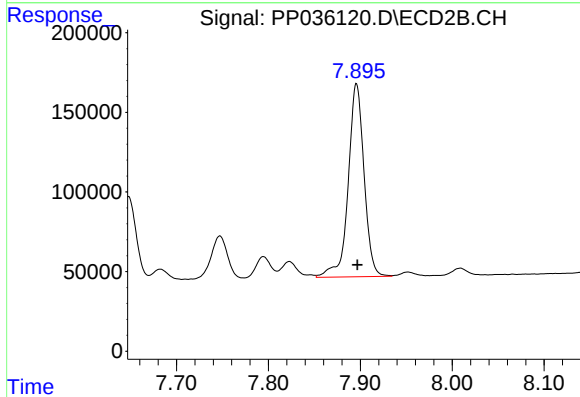
R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 610482
Conc: 522.17 ng/ml



#35 AR-1260-5

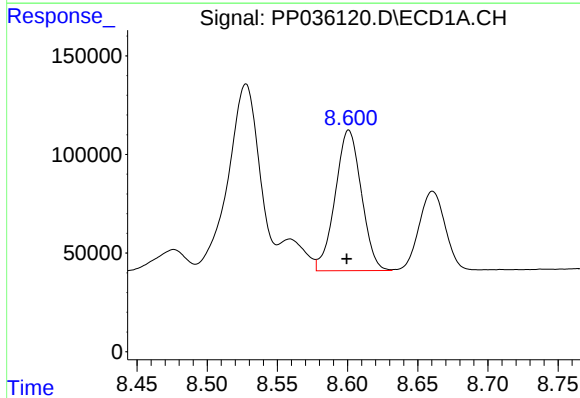
R.T.: 9.159 min
Delta R.T.: 0.000 min
Response: 2100899
Conc: 492.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



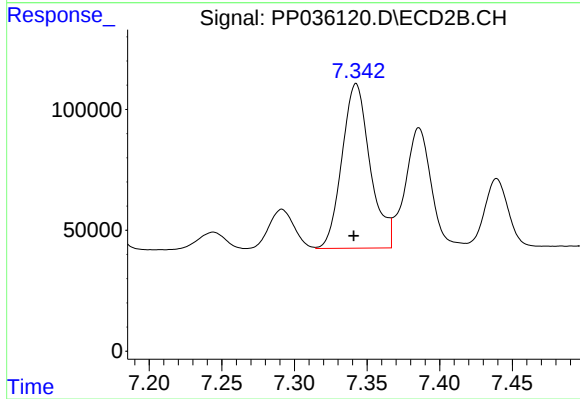
#35 AR-1260-5

R.T.: 7.896 min
Delta R.T.: 0.000 min
Response: 1454403
Conc: 525.40 ng/ml



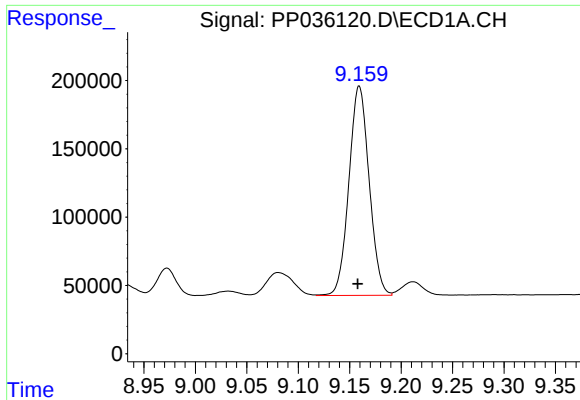
#36 AR-1262-1

R.T.: 8.601 min
Delta R.T.: 0.002 min
Response: 925696
Conc: 367.26 ng/ml



#36 AR-1262-1

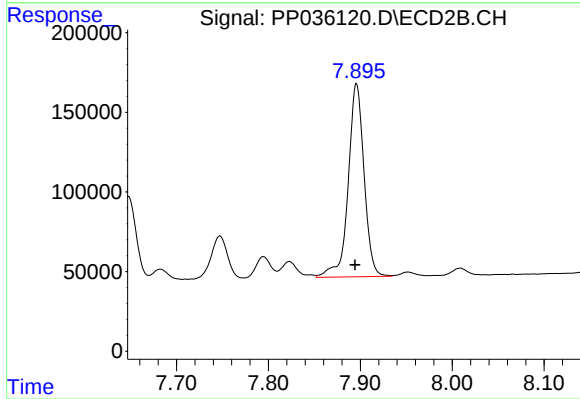
R.T.: 7.342 min
Delta R.T.: 0.002 min
Response: 918219
Conc: 1015.66 ng/ml



#37 AR-1262-2

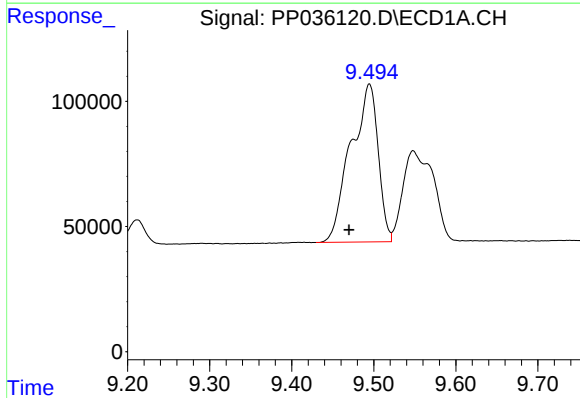
R.T.: 9.159 min
Delta R.T.: 0.002 min
Response: 2100899
Conc: 466.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



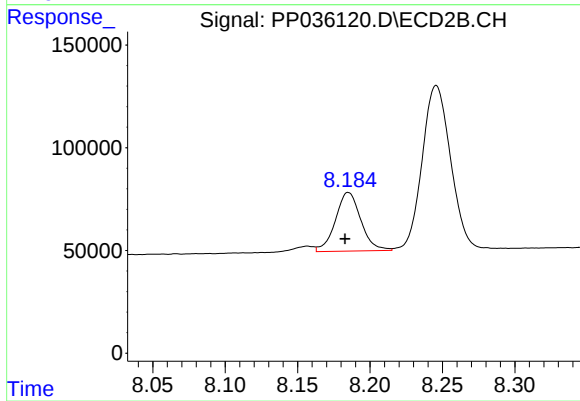
#37 AR-1262-2

R.T.: 7.896 min
Delta R.T.: 0.002 min
Response: 1454403
Conc: 488.52 ng/ml



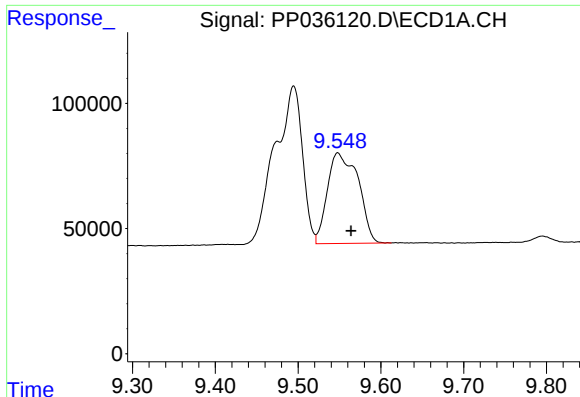
#38 AR-1262-3

R.T.: 9.495 min
Delta R.T.: 0.025 min
Response: 1463308
Conc: 453.47 ng/ml



#38 AR-1262-3

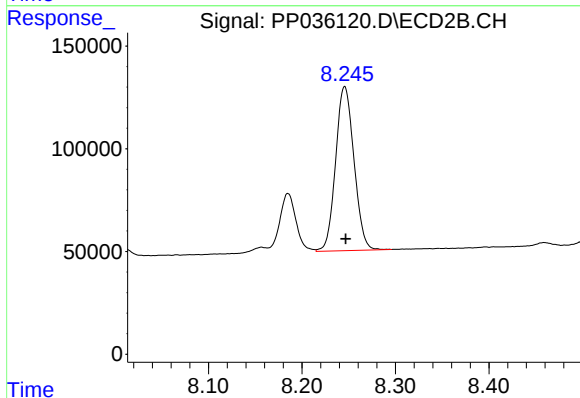
R.T.: 8.185 min
Delta R.T.: 0.002 min
Response: 349917
Conc: 294.48 ng/ml



#39 AR-1262-4

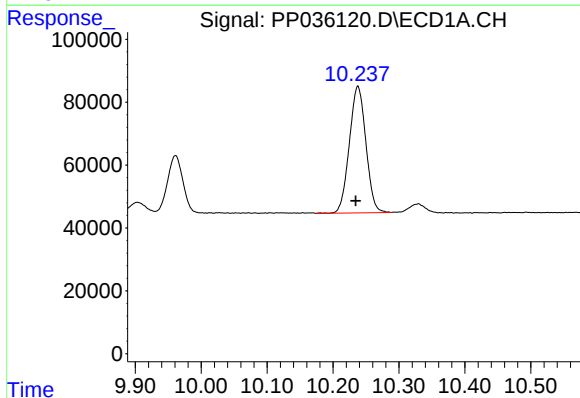
R.T.: 9.548 min
Delta R.T.: -0.016 min
Response: 935432
Conc: 348.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



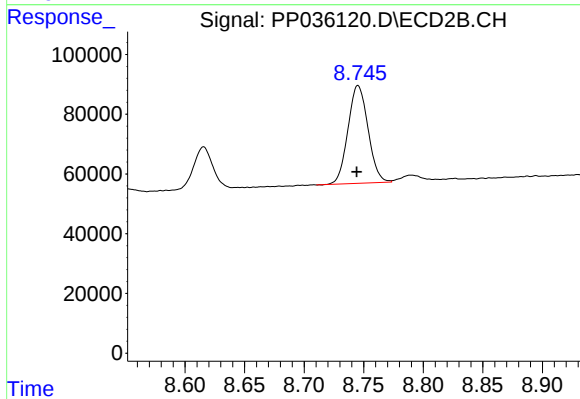
#39 AR-1262-4

R.T.: 8.246 min
Delta R.T.: -0.001 min
Response: 1092151
Conc: 495.41 ng/ml



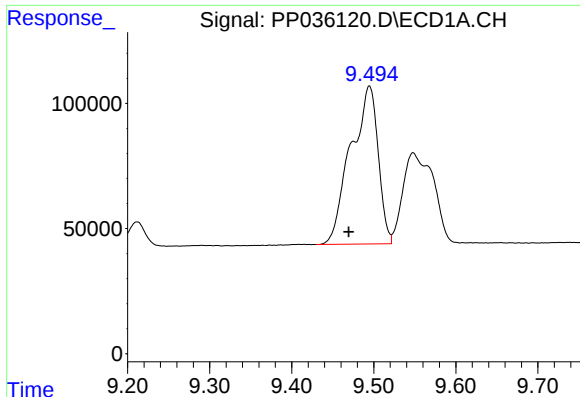
#40 AR-1262-5

R.T.: 10.238 min
Delta R.T.: 0.003 min
Response: 701233
Conc: 393.69 ng/ml



#40 AR-1262-5

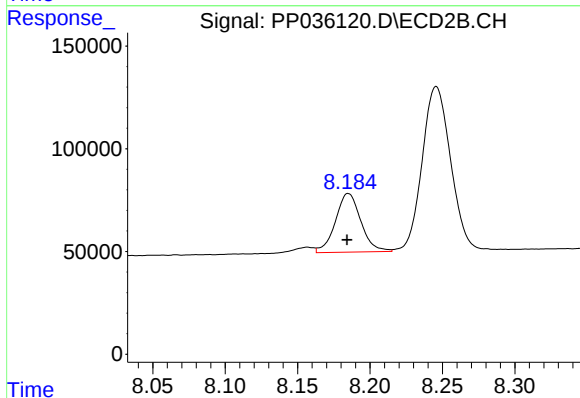
R.T.: 8.745 min
Delta R.T.: 0.001 min
Response: 383850
Conc: 377.39 ng/ml



#41 AR-1268-1

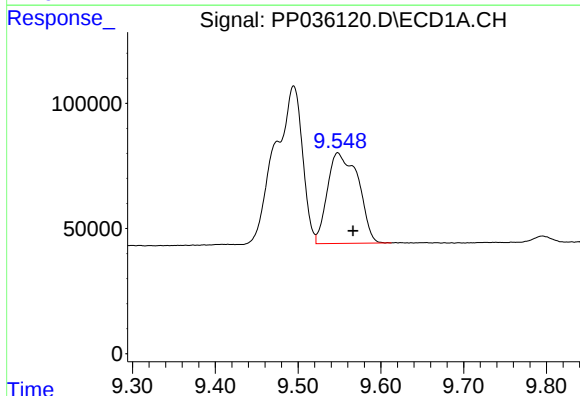
R.T.: 9.495 min
Delta R.T.: 0.025 min
Response: 1463308
Conc: 282.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



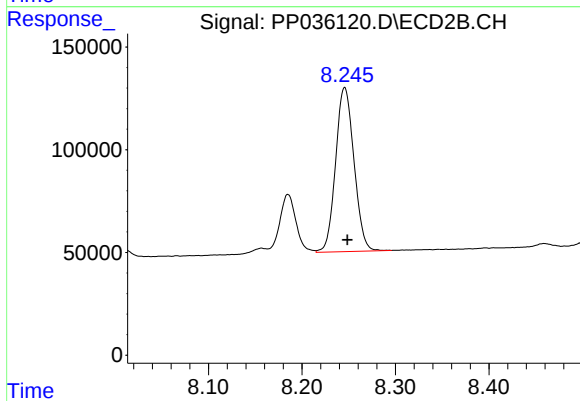
#41 AR-1268-1

R.T.: 8.185 min
Delta R.T.: 0.000 min
Response: 349917
Conc: 103.02 ng/ml



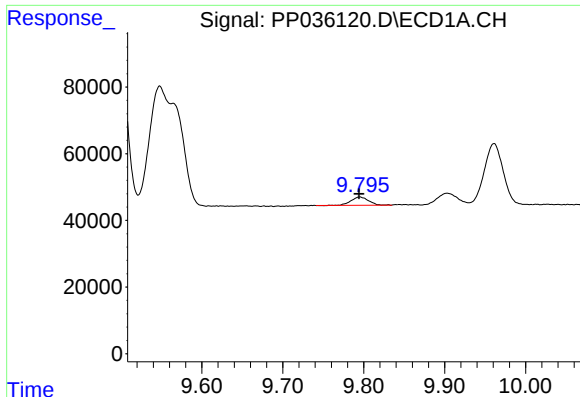
#42 AR-1268-2

R.T.: 9.548 min
Delta R.T.: -0.018 min
Response: 935432
Conc: 187.16 ng/ml



#42 AR-1268-2

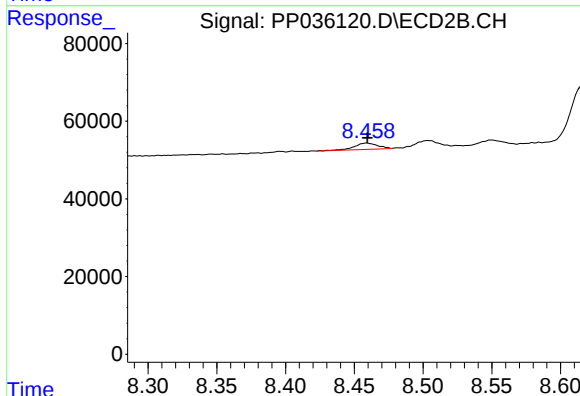
R.T.: 8.246 min
Delta R.T.: -0.003 min
Response: 1092151
Conc: 353.64 ng/ml



#43 AR-1268-3

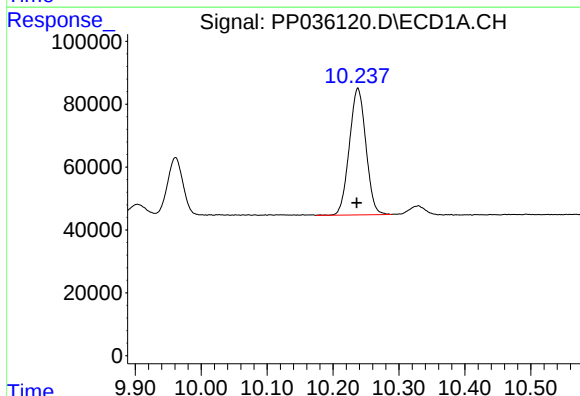
R.T.: 9.795 min
Delta R.T.: 0.000 min
Response: 37602
Conc: 9.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



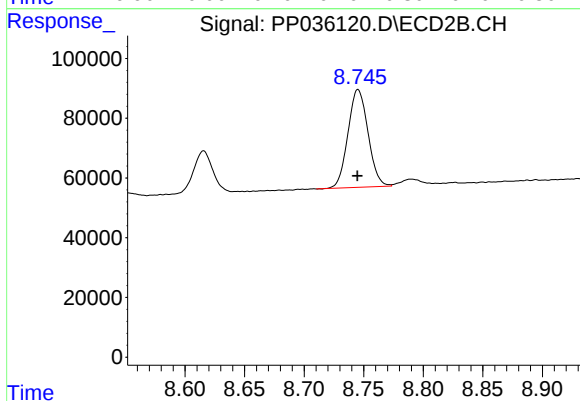
#43 AR-1268-3

R.T.: 8.459 min
Delta R.T.: 0.000 min
Response: 19136
Conc: 7.44 ng/ml



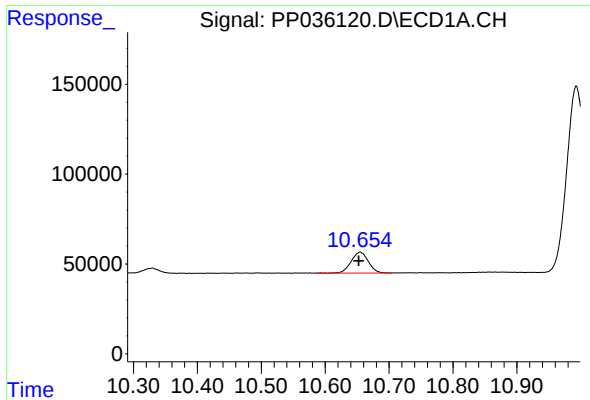
#44 AR-1268-4

R.T.: 10.238 min
Delta R.T.: 0.002 min
Response: 701233
Conc: 359.36 ng/ml



#44 AR-1268-4

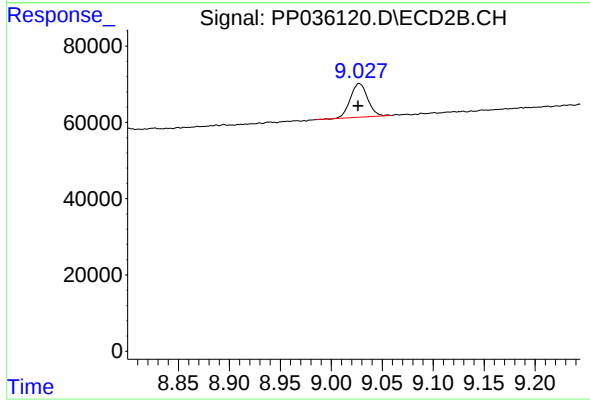
R.T.: 8.745 min
Delta R.T.: 0.000 min
Response: 383850
Conc: 348.36 ng/ml



#45 AR-1268-5

R.T.: 10.655 min
Delta R.T.: 0.002 min
Response: 217653
Conc: 16.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.028 min
Delta R.T.: 0.001 min
Response: 104811
Conc: 12.27 ng/ml