

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012121\
 Data File : PP032878.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Jan 2021 20:25
 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: Jan 22 01:12:49 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP011421.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 14 08:12:55 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...	4.738	4.008	2981696	2132955	51.337	45.343
2)	SA Decachlor...	10.577	9.288	2135569	1807793	54.129	48.256
Target Compounds							
3)	L1 AR-1016-1	6.040	5.257	810445	598360	498.862	440.517
4)	L1 AR-1016-2	6.063	5.277	1205196	857433	487.737	422.734
5)	L1 AR-1016-3	6.128	5.468	730987	489256	492.064	447.781
6)	L1 AR-1016-4	6.234	5.518	601360	375958	483.159	464.418
7)	L1 AR-1016-5	6.547	5.747	562738	486365	495.864	451.405
8)	L2 AR-1221-1	4.980	4.261	82834	59310	135.463	123.411
9)	L2 AR-1221-2	5.082	4.362	130430	90715	287.617	248.275
10)	L2 AR-1221-3	5.166	4.449	460032	340696	333.119	296.230
11)	L3 AR-1232-1	5.166	4.449	460032	340696	412.586	369.532
12)	L3 AR-1232-2	5.748	5.277	639410	857433	1141.151	998.119
13)	L3 AR-1232-3	6.063	5.468	1205196	489256	1133.397	1082.380
14)	L3 AR-1232-4	6.234	5.563	601360	463341	1118.018	1218.378
15)	L3 AR-1232-5	6.334	5.747	459569	486365	1354.174	1138.239
16)	L4 AR-1242-1	6.040	5.257	810445	598360	657.836	594.009
17)	L4 AR-1242-2	6.063	5.277	1205196	857433	634.948	569.354
18)	L4 AR-1242-3	6.128	5.468	730987	489256	637.352	593.080
19)	L4 AR-1242-4	6.234	5.563	601360	463341	621.076	595.135
20)	L4 AR-1242-5	7.013	6.125	82451	351604	86.226	366.905 #
21)	L5 AR-1248-1	6.040	5.257	810445	598360	875.947	774.195
22)	L5 AR-1248-2	6.334	5.518	459569	375958	377.052	351.930
23)	L5 AR-1248-3	6.547	5.563	562738	463341	375.952	405.527
24)	L5 AR-1248-4	6.973	5.747	103032	486365	63.523	354.179 #
25)	L5 AR-1248-5	7.013	6.169	82451	56019	51.564	42.515
26)	L6 AR-1254-1	6.944	6.125	413116	351604	248.737	171.739 #
27)	L6 AR-1254-2	7.171	6.284	406283	311159	161.546	177.174
28)	L6 AR-1254-3	7.551	6.721	238411	640222	88.487	222.922 #
29)	L6 AR-1254-4	7.844	6.944	155499	81103	78.941	48.978 #
30)	L6 AR-1254-5	8.271	7.371	1390736	1133327	666.877	468.535 #
31)	L7 AR-1260-1	7.717	6.840	944740	848413	495.572	444.752
32)	L7 AR-1260-2	7.982	7.037	1236608	1012119	512.014	444.134
33)	L7 AR-1260-3	8.348	7.191	1062356	972856	527.066	444.892
34)	L7 AR-1260-4	8.576	7.673	1055697	844455	512.362	462.129
35)	L7 AR-1260-5	8.889	7.922	2390586	1925996	527.732	447.732
36)	L8 AR-1262-1	8.348	7.465	1062356	470789	358.199	418.940
37)	L8 AR-1262-2	8.889	7.922	2390586	1925996	471.909	417.517
38)	L8 AR-1262-3	9.199	8.206	1487071	484371	422.829	252.966 #
39)	L8 AR-1262-4	9.270	8.270	427604	1514217	154.776	427.810 #
40)	L8 AR-1262-5	9.888	8.769	729473	561092	402.055	354.701
41)	L9 AR-1268-1	9.199	8.206	1487071	484371	224.621	85.903 #

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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	9.270	8.270	427604	1514217	70.984	279.318 #
44) L9	AR-1268-4	9.888	8.769	729473	561092	355.694	310.223
45) L9	AR-1268-5	10.271	9.048	200063	166490	13.235	11.499

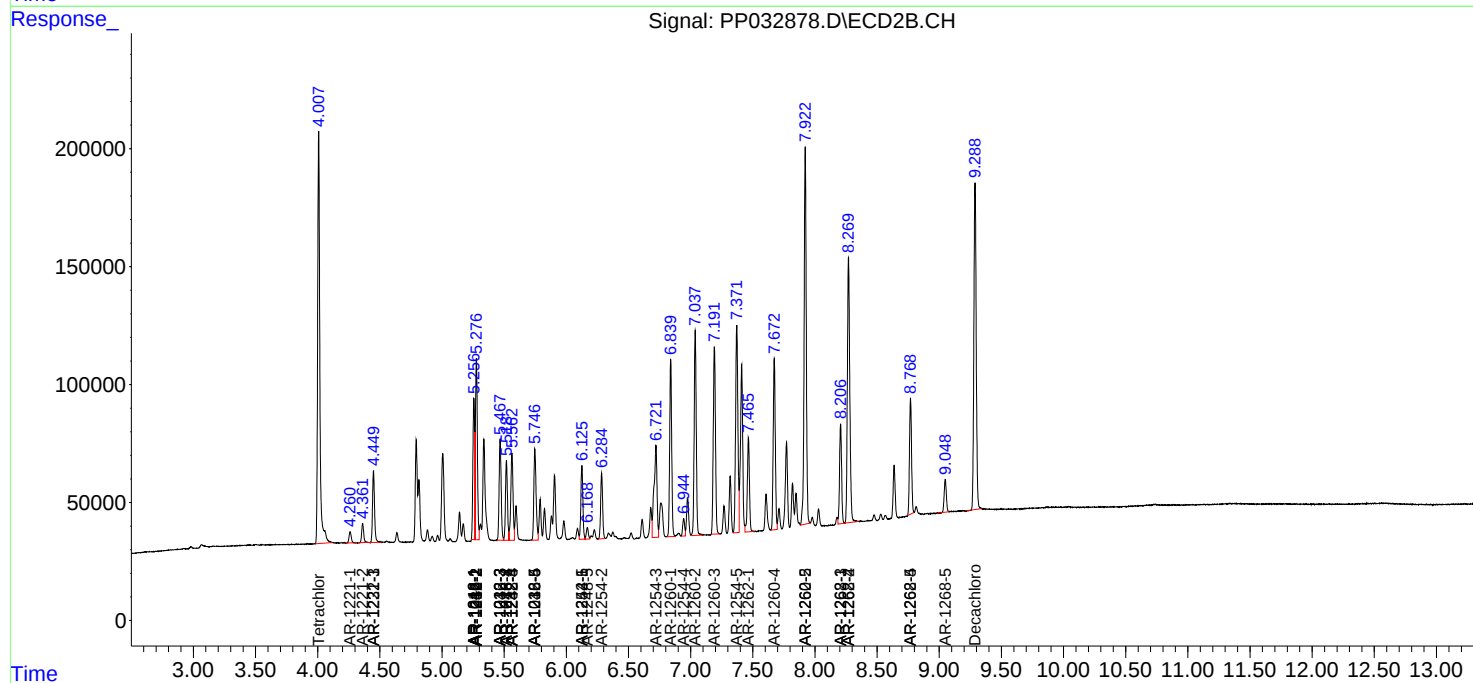
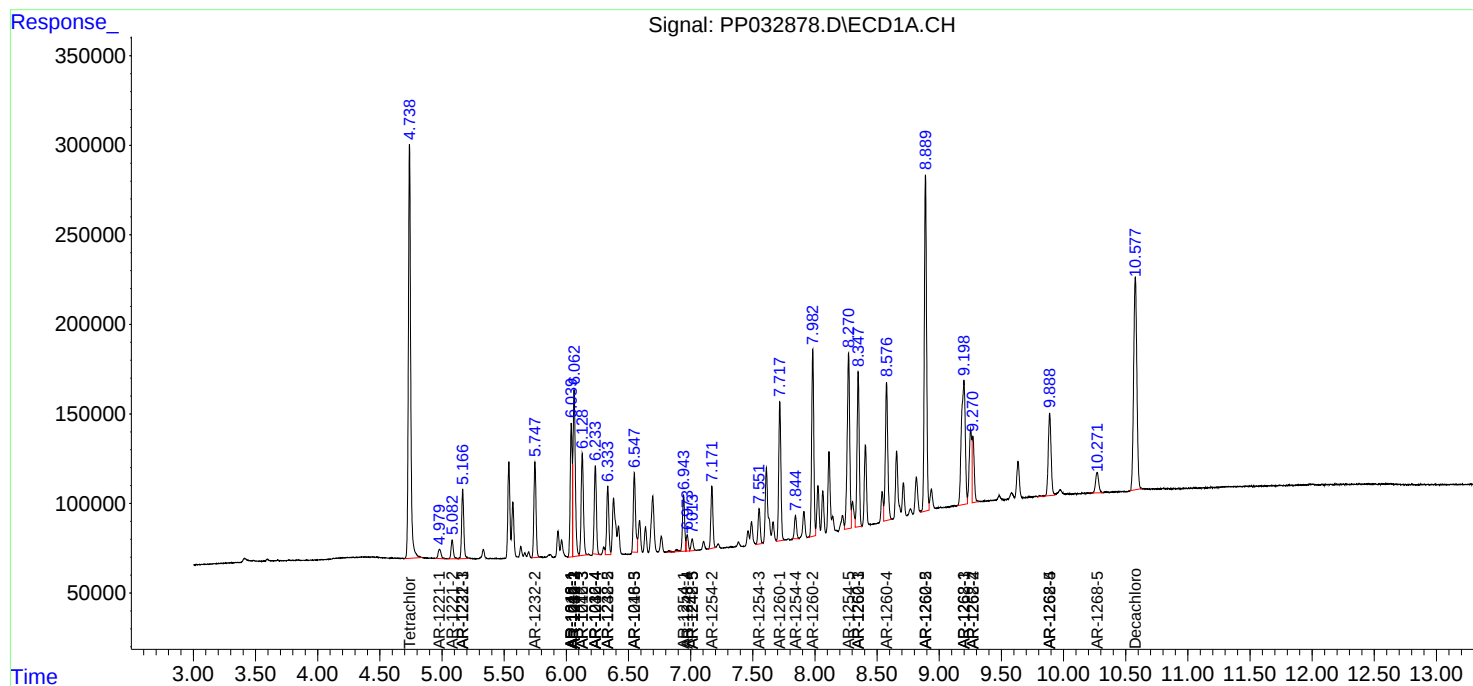
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

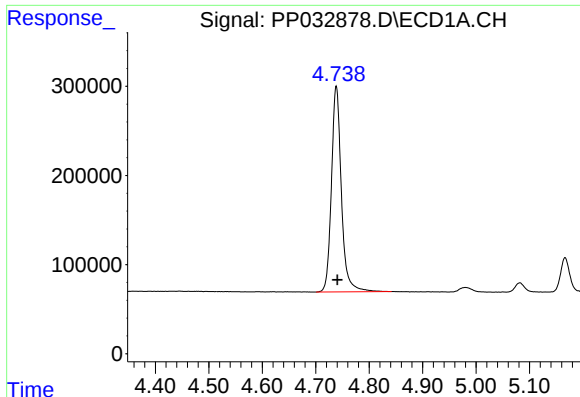
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

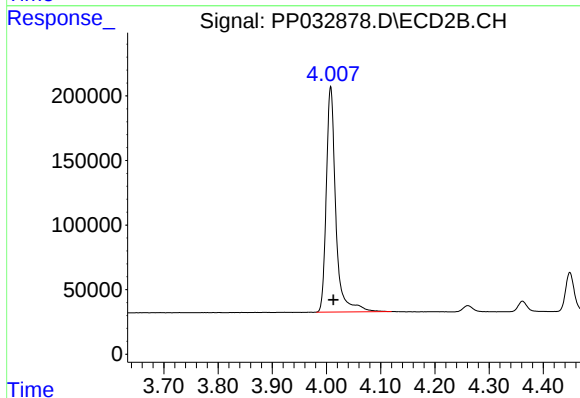




#1 Tetrachloro-m-xylene

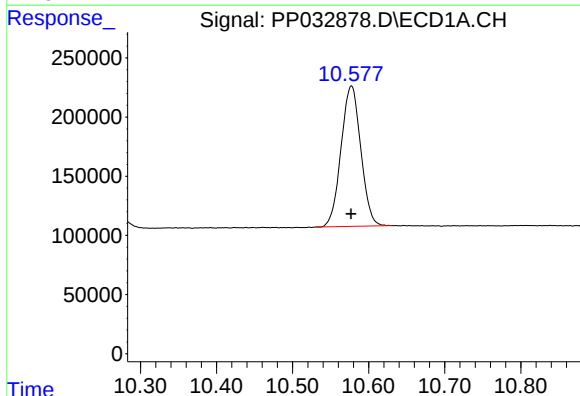
R.T.: 4.738 min
Delta R.T.: -0.003 min
Response: 2981696
Conc: 51.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



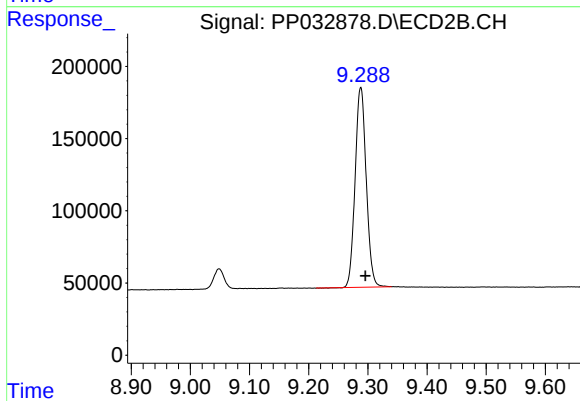
#1 Tetrachloro-m-xylene

R.T.: 4.008 min
Delta R.T.: -0.005 min
Response: 2132955
Conc: 45.34 ng/ml



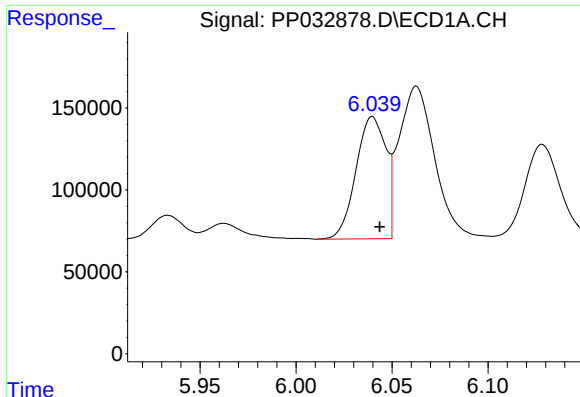
#2 Decachlorobiphenyl

R.T.: 10.577 min
Delta R.T.: 0.000 min
Response: 2135569
Conc: 54.13 ng/ml



#2 Decachlorobiphenyl

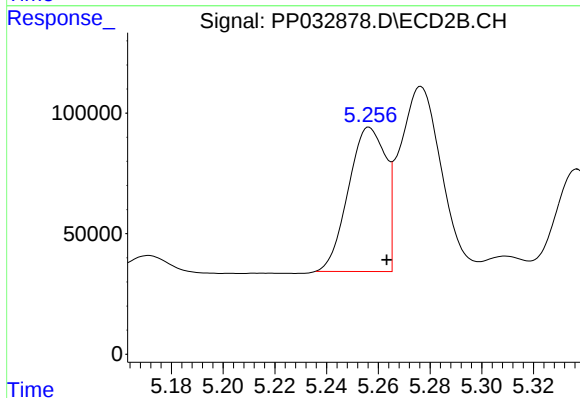
R.T.: 9.288 min
Delta R.T.: -0.008 min
Response: 1807793
Conc: 48.26 ng/ml



#3 AR-1016-1

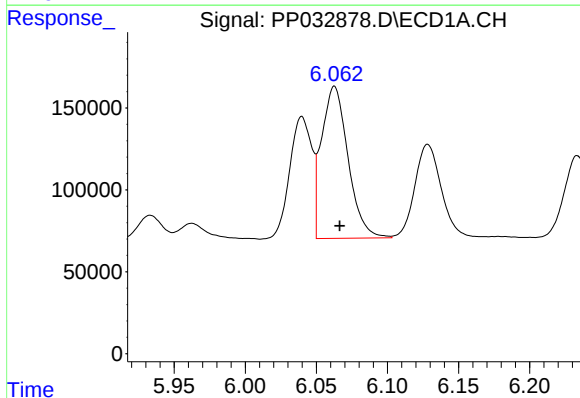
R.T.: 6.040 min
Delta R.T.: -0.004 min
Response: 810445
Conc: 498.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



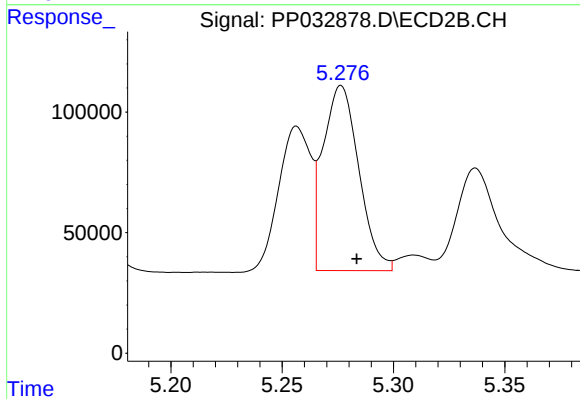
#3 AR-1016-1

R.T.: 5.257 min
Delta R.T.: -0.007 min
Response: 598360
Conc: 440.52 ng/ml



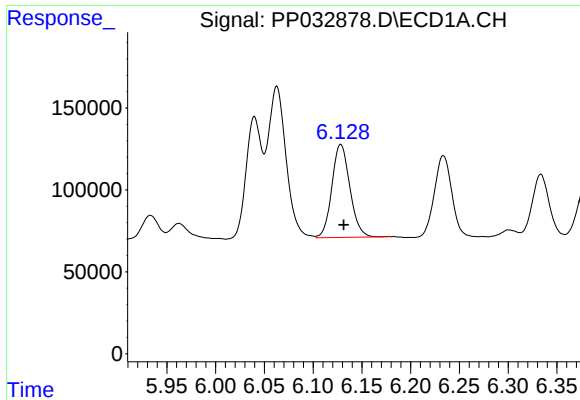
#4 AR-1016-2

R.T.: 6.063 min
Delta R.T.: -0.004 min
Response: 1205196
Conc: 487.74 ng/ml



#4 AR-1016-2

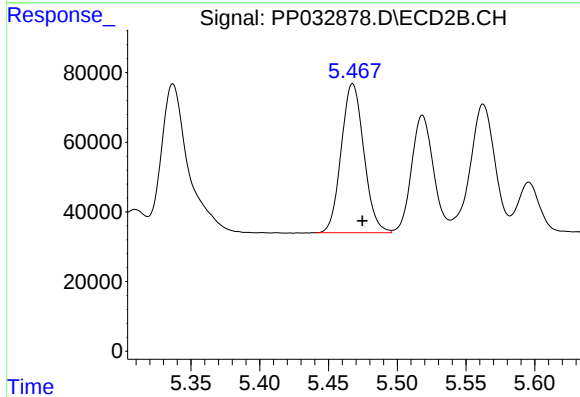
R.T.: 5.277 min
Delta R.T.: -0.007 min
Response: 857433
Conc: 422.73 ng/ml



#5 AR-1016-3

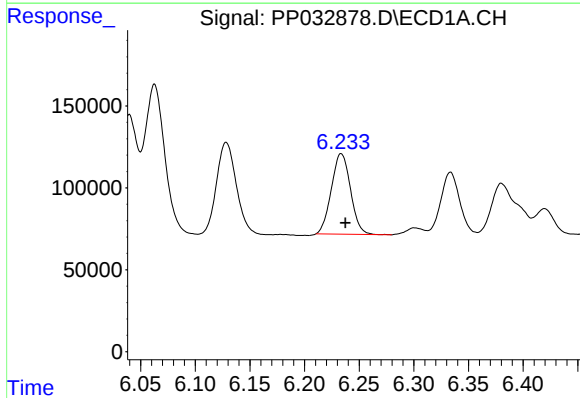
R.T.: 6.128 min
Delta R.T.: -0.003 min
Response: 730987
Conc: 492.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



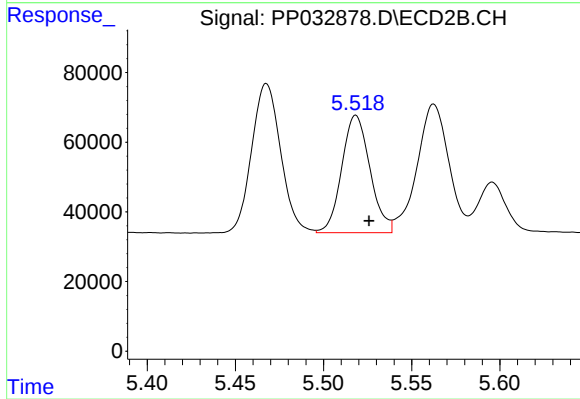
#5 AR-1016-3

R.T.: 5.468 min
Delta R.T.: -0.007 min
Response: 489256
Conc: 447.78 ng/ml



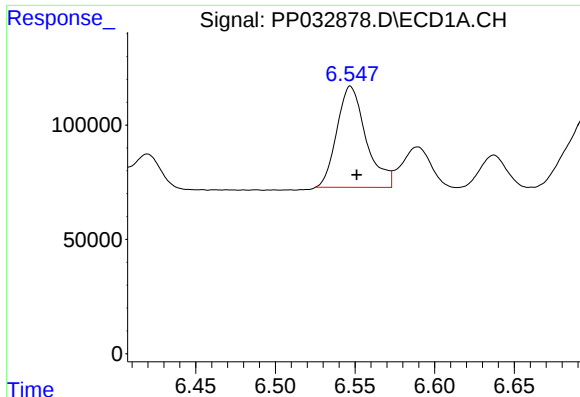
#6 AR-1016-4

R.T.: 6.234 min
Delta R.T.: -0.004 min
Response: 601360
Conc: 483.16 ng/ml



#6 AR-1016-4

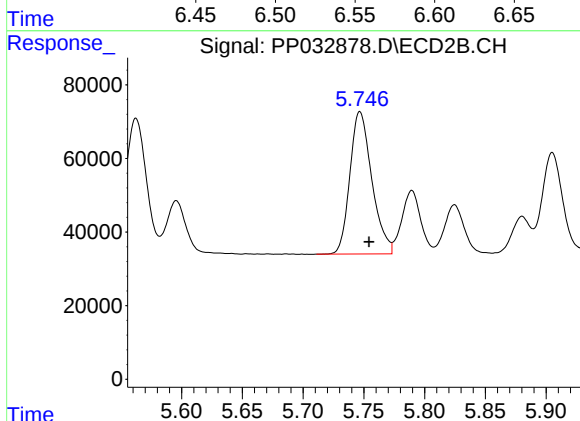
R.T.: 5.518 min
Delta R.T.: -0.007 min
Response: 375958
Conc: 464.42 ng/ml



#7 AR-1016-5

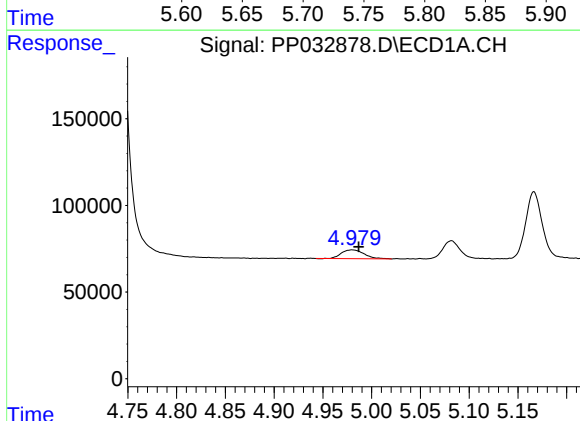
R.T.: 6.547 min
Delta R.T.: -0.004 min
Response: 562738
Conc: 495.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



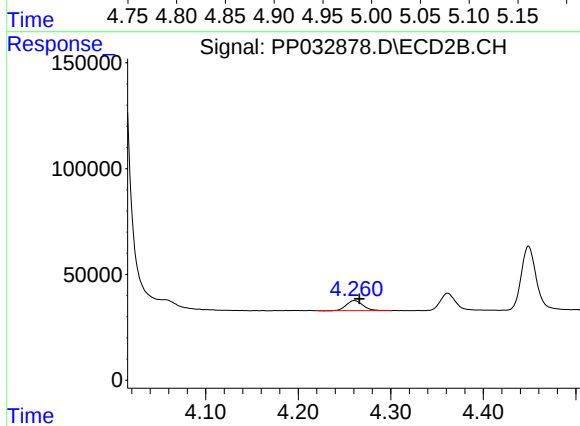
#7 AR-1016-5

R.T.: 5.747 min
Delta R.T.: -0.007 min
Response: 486365
Conc: 451.41 ng/ml



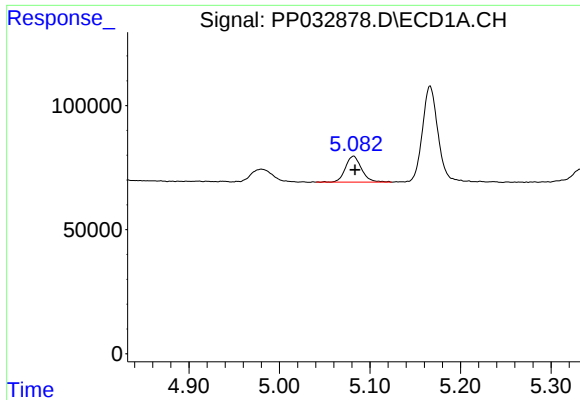
#8 AR-1221-1

R.T.: 4.980 min
Delta R.T.: -0.007 min
Response: 82834
Conc: 135.46 ng/ml



#8 AR-1221-1

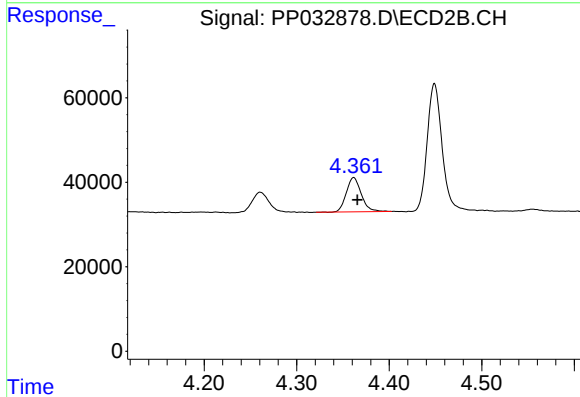
R.T.: 4.261 min
Delta R.T.: -0.006 min
Response: 59310
Conc: 123.41 ng/ml



#9 AR-1221-2

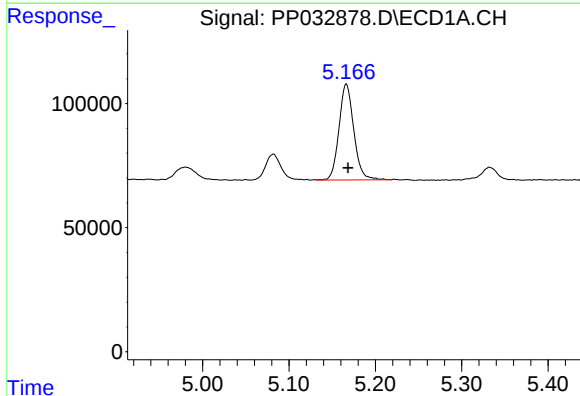
R.T.: 5.082 min
Delta R.T.: -0.002 min
Response: 130430
Conc: 287.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



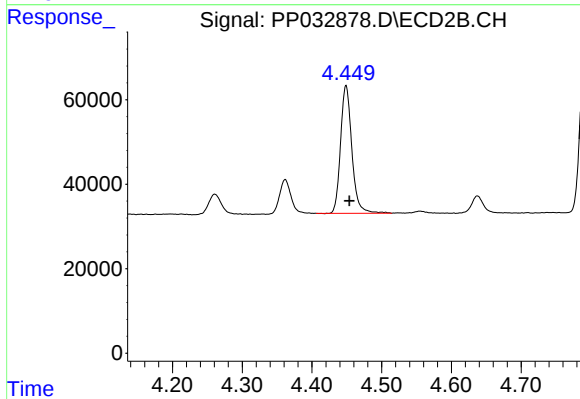
#9 AR-1221-2

R.T.: 4.362 min
Delta R.T.: -0.004 min
Response: 90715
Conc: 248.28 ng/ml



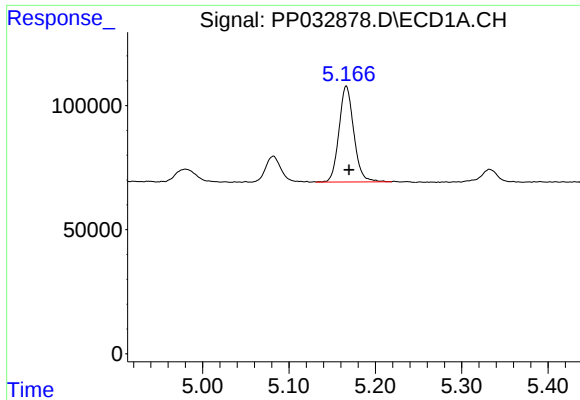
#10 AR-1221-3

R.T.: 5.166 min
Delta R.T.: -0.002 min
Response: 460032
Conc: 333.12 ng/ml



#10 AR-1221-3

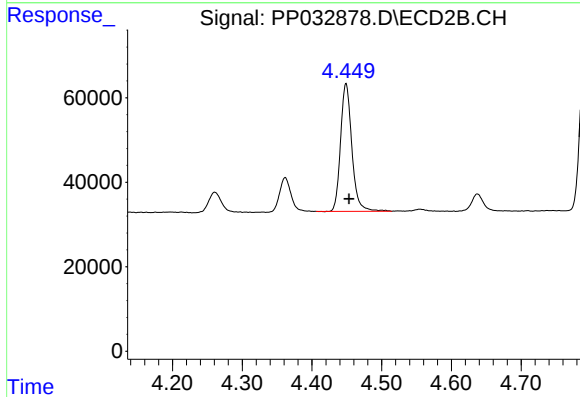
R.T.: 4.449 min
Delta R.T.: -0.004 min
Response: 340696
Conc: 296.23 ng/ml



#11 AR-1232-1

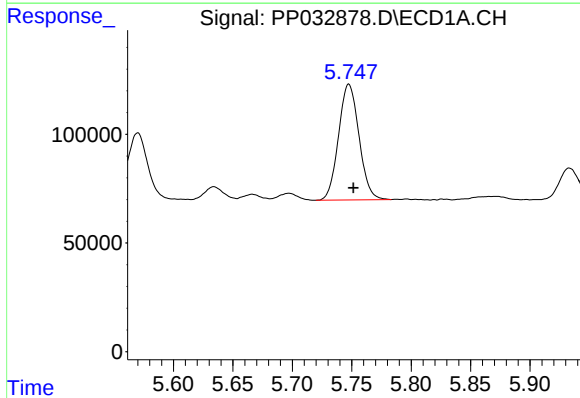
R.T.: 5.166 min
Delta R.T.: -0.003 min
Response: 460032
Conc: 412.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



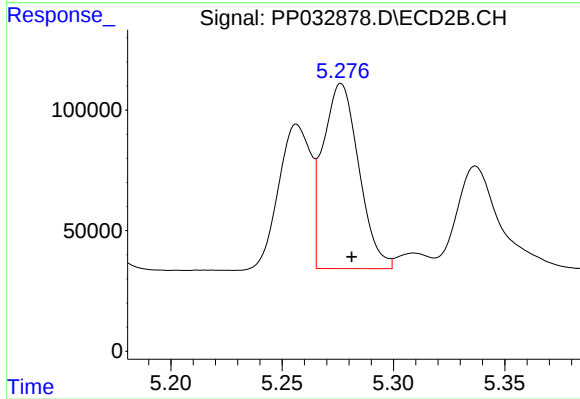
#11 AR-1232-1

R.T.: 4.449 min
Delta R.T.: -0.004 min
Response: 340696
Conc: 369.53 ng/ml



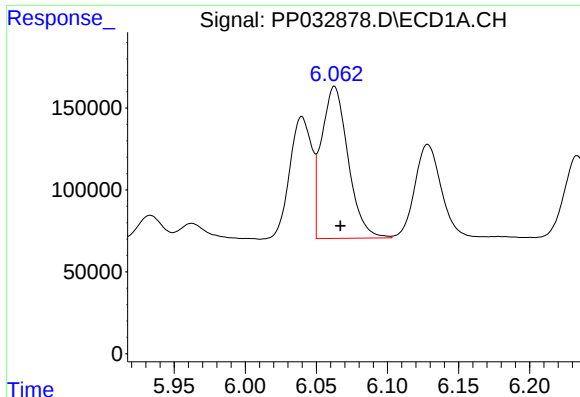
#12 AR-1232-2

R.T.: 5.748 min
Delta R.T.: -0.004 min
Response: 639410
Conc: 1141.15 ng/ml



#12 AR-1232-2

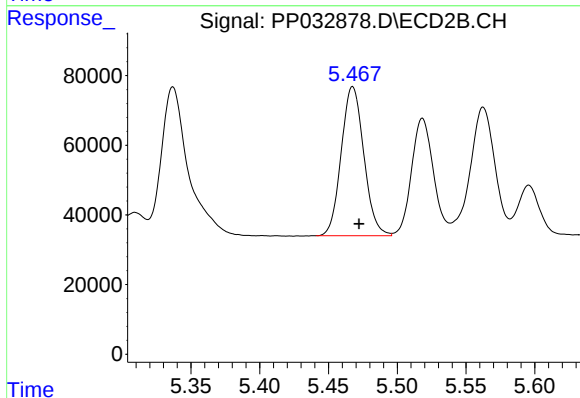
R.T.: 5.277 min
Delta R.T.: -0.005 min
Response: 857433
Conc: 998.12 ng/ml



#13 AR-1232-3

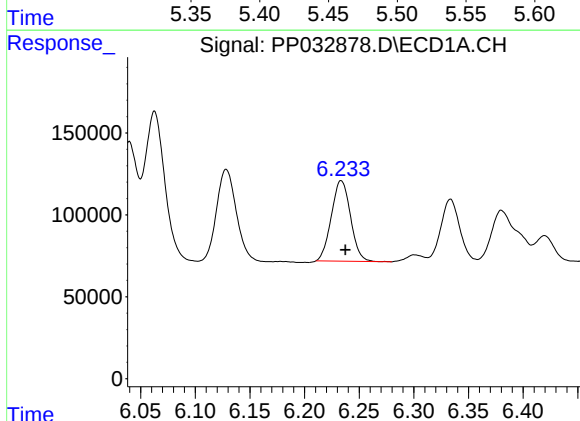
R.T.: 6.063 min
Delta R.T.: -0.004 min
Response: 1205196
Conc: 1133.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



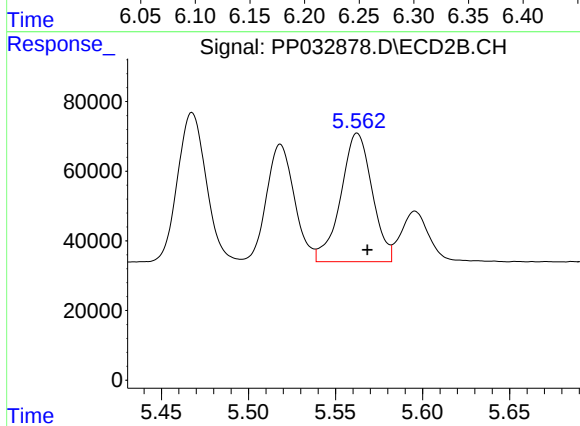
#13 AR-1232-3

R.T.: 5.468 min
Delta R.T.: -0.005 min
Response: 489256
Conc: 1082.38 ng/ml



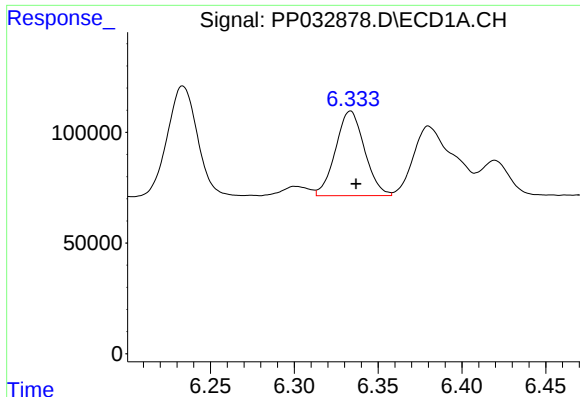
#14 AR-1232-4

R.T.: 6.234 min
Delta R.T.: -0.004 min
Response: 601360
Conc: 1118.02 ng/ml



#14 AR-1232-4

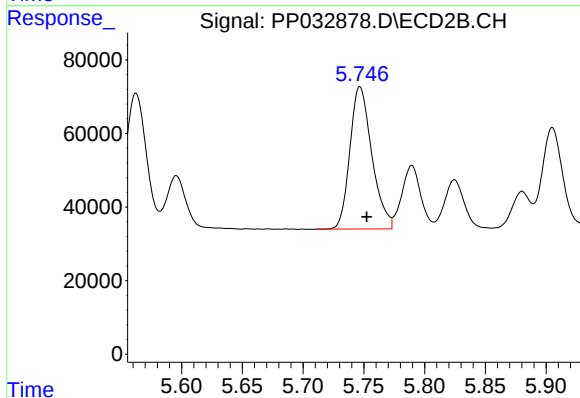
R.T.: 5.563 min
Delta R.T.: -0.006 min
Response: 463341
Conc: 1218.38 ng/ml



#15 AR-1232-5

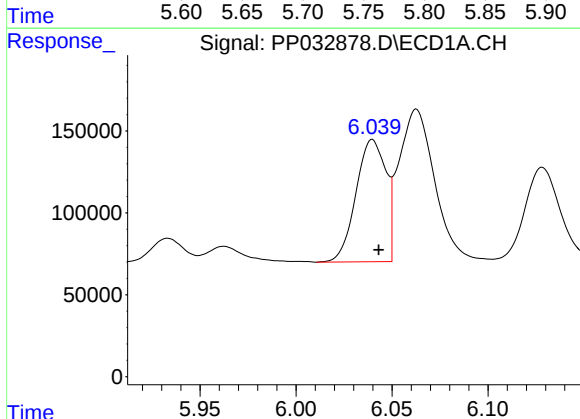
R.T.: 6.334 min
Delta R.T.: -0.003 min
Response: 459569
Conc: 1354.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



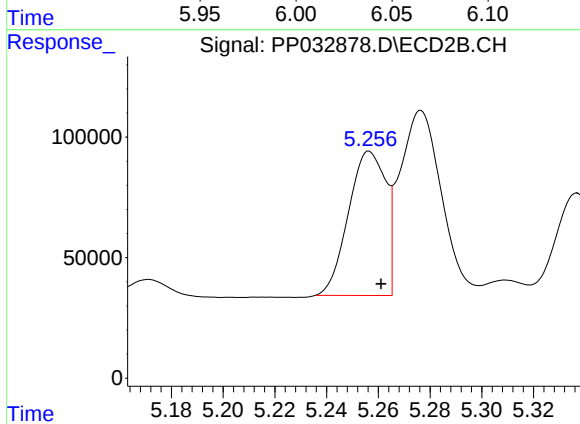
#15 AR-1232-5

R.T.: 5.747 min
Delta R.T.: -0.005 min
Response: 486365
Conc: 1138.24 ng/ml



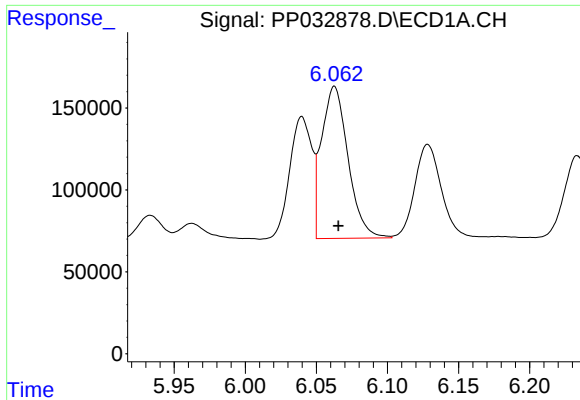
#16 AR-1242-1

R.T.: 6.040 min
Delta R.T.: -0.003 min
Response: 810445
Conc: 657.84 ng/ml



#16 AR-1242-1

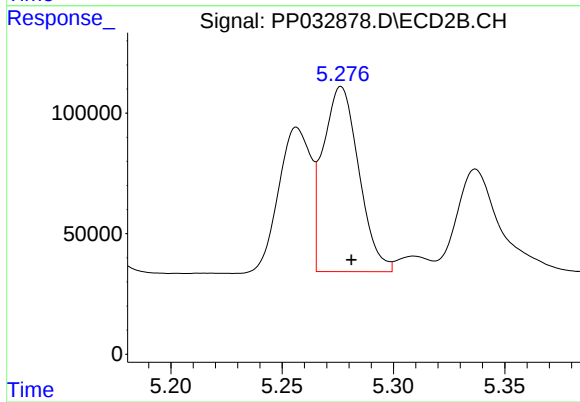
R.T.: 5.257 min
Delta R.T.: -0.005 min
Response: 598360
Conc: 594.01 ng/ml



#17 AR-1242-2

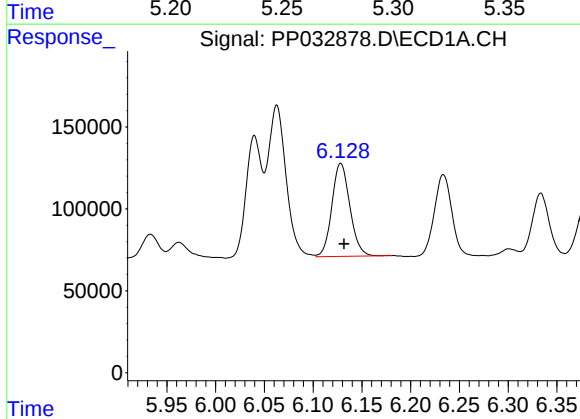
R.T.: 6.063 min
Delta R.T.: -0.003 min
Response: 1205196
Conc: 634.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



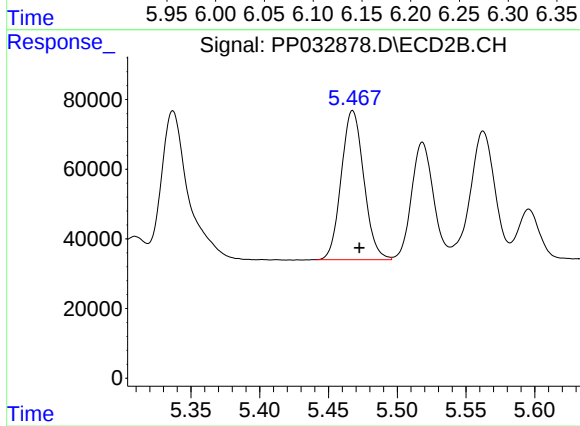
#17 AR-1242-2

R.T.: 5.277 min
Delta R.T.: -0.005 min
Response: 857433
Conc: 569.35 ng/ml



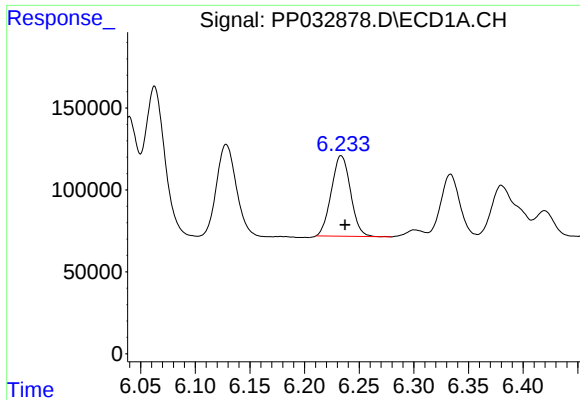
#18 AR-1242-3

R.T.: 6.128 min
Delta R.T.: -0.003 min
Response: 730987
Conc: 637.35 ng/ml



#18 AR-1242-3

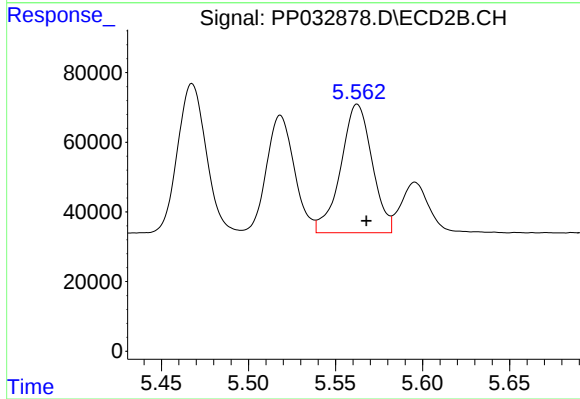
R.T.: 5.468 min
Delta R.T.: -0.005 min
Response: 489256
Conc: 593.08 ng/ml



#19 AR-1242-4

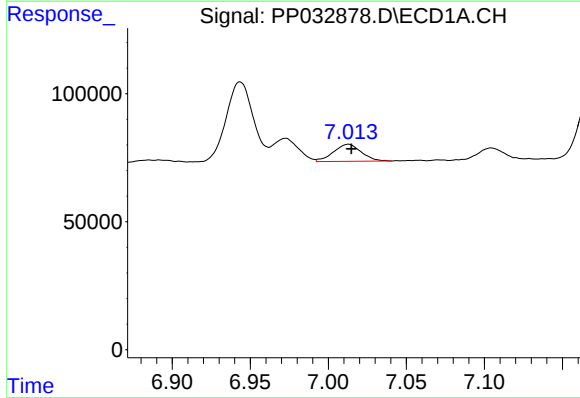
R.T.: 6.234 min
Delta R.T.: -0.004 min
Response: 601360
Conc: 621.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



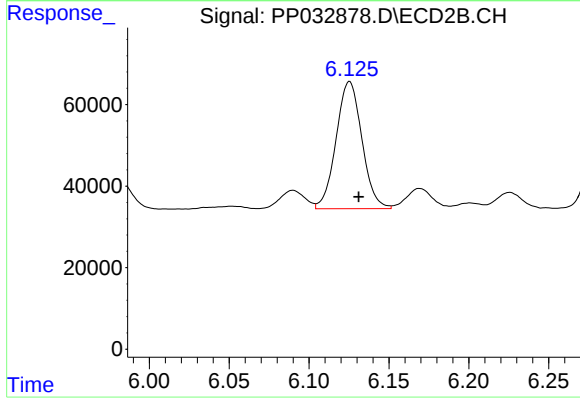
#19 AR-1242-4

R.T.: 5.563 min
Delta R.T.: -0.005 min
Response: 463341
Conc: 595.13 ng/ml



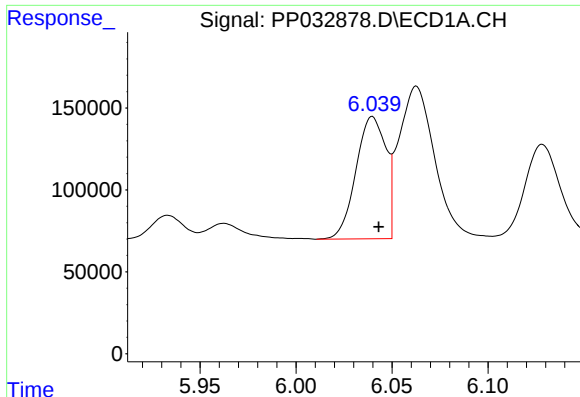
#20 AR-1242-5

R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: 82451
Conc: 86.23 ng/ml



#20 AR-1242-5

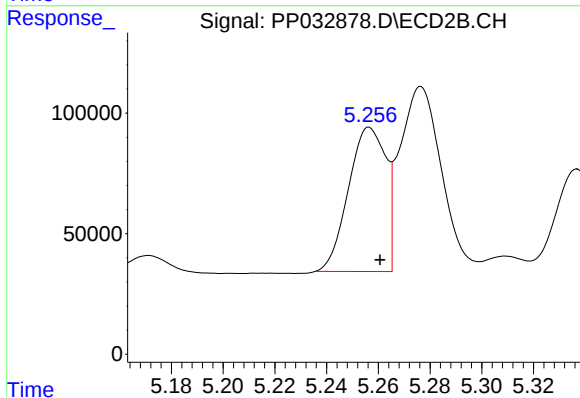
R.T.: 6.125 min
Delta R.T.: -0.006 min
Response: 351604
Conc: 366.91 ng/ml



#21 AR-1248-1

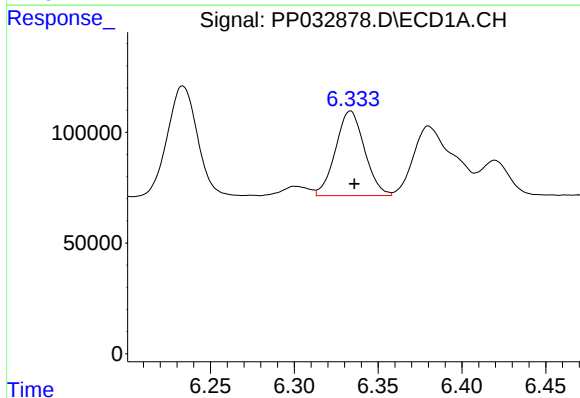
R.T.: 6.040 min
Delta R.T.: -0.003 min
Response: 810445
Conc: 875.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



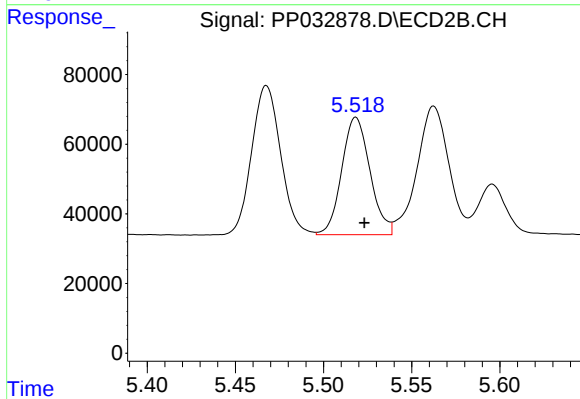
#21 AR-1248-1

R.T.: 5.257 min
Delta R.T.: -0.004 min
Response: 598360
Conc: 774.20 ng/ml



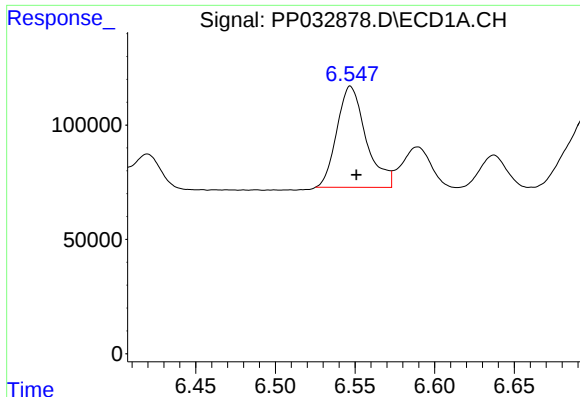
#22 AR-1248-2

R.T.: 6.334 min
Delta R.T.: -0.002 min
Response: 459569
Conc: 377.05 ng/ml



#22 AR-1248-2

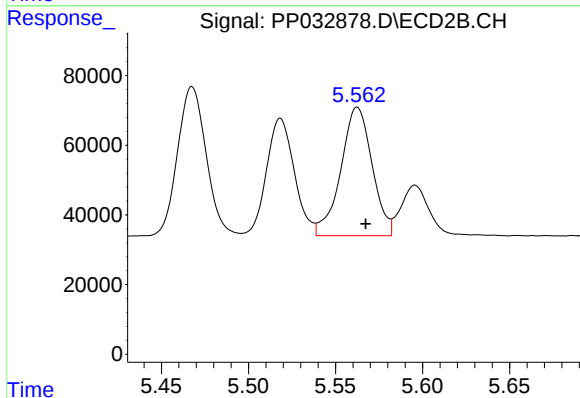
R.T.: 5.518 min
Delta R.T.: -0.005 min
Response: 375958
Conc: 351.93 ng/ml



#23 AR-1248-3

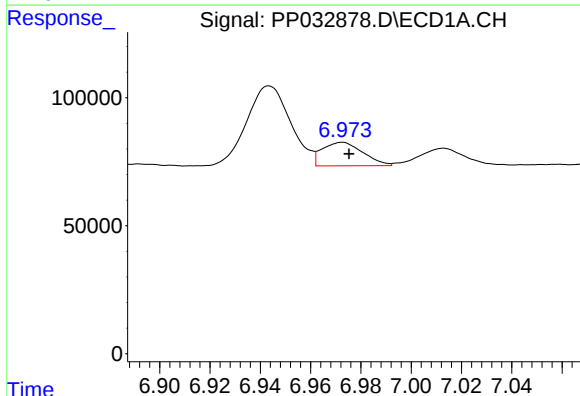
R.T.: 6.547 min
Delta R.T.: -0.004 min
Response: 562738
Conc: 375.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



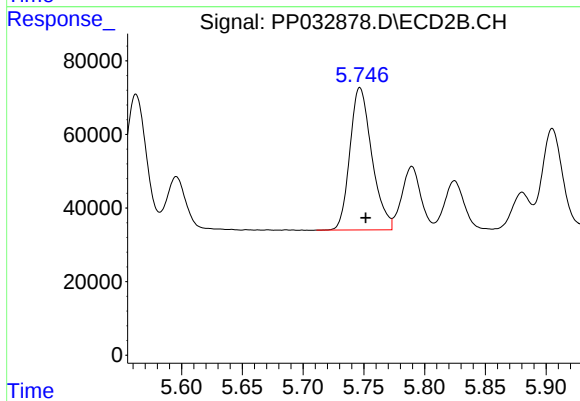
#23 AR-1248-3

R.T.: 5.563 min
Delta R.T.: -0.005 min
Response: 463341
Conc: 405.53 ng/ml



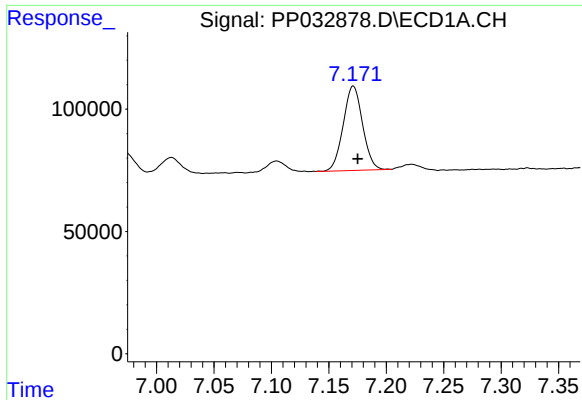
#24 AR-1248-4

R.T.: 6.973 min
Delta R.T.: -0.003 min
Response: 103032
Conc: 63.52 ng/ml



#24 AR-1248-4

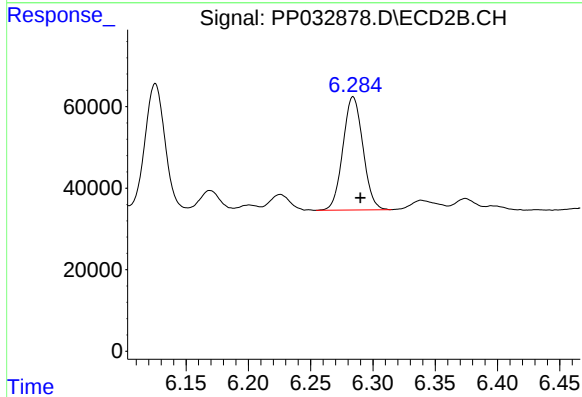
R.T.: 5.747 min
Delta R.T.: -0.005 min
Response: 486365
Conc: 354.18 ng/ml



#27 AR-1254-2

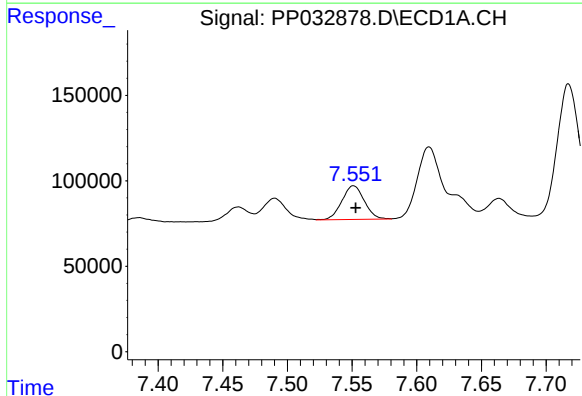
R.T.: 7.171 min
Delta R.T.: -0.004 min
Response: 406283
Conc: 161.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



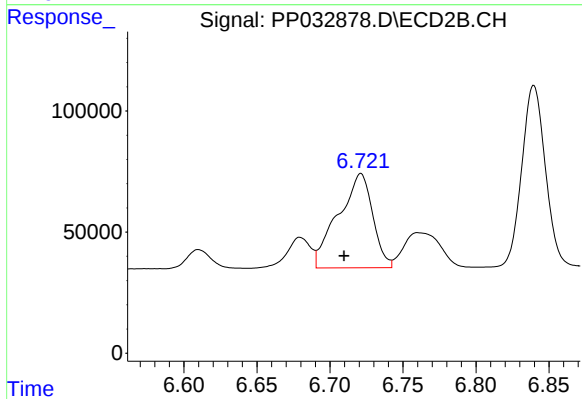
#27 AR-1254-2

R.T.: 6.284 min
Delta R.T.: -0.006 min
Response: 311159
Conc: 177.17 ng/ml



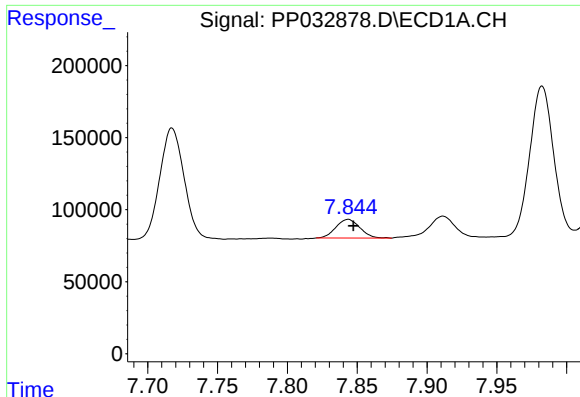
#28 AR-1254-3

R.T.: 7.551 min
Delta R.T.: -0.002 min
Response: 238411
Conc: 88.49 ng/ml



#28 AR-1254-3

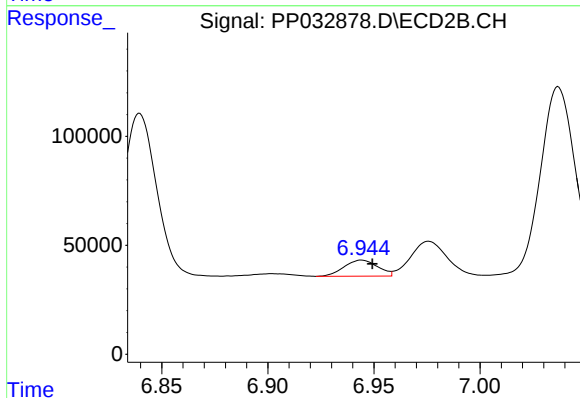
R.T.: 6.721 min
Delta R.T.: 0.012 min
Response: 640222
Conc: 222.92 ng/ml



#29 AR-1254-4

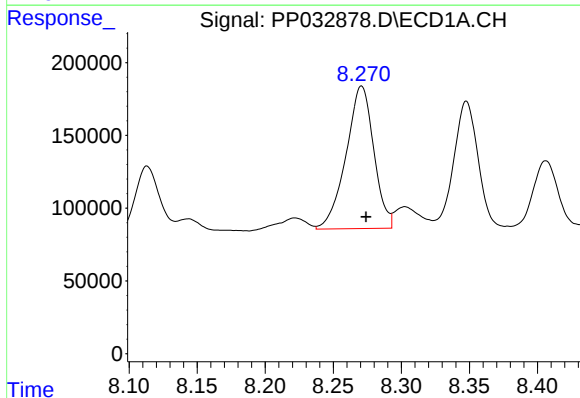
R.T.: 7.844 min
Delta R.T.: -0.004 min
Response: 155499
Conc: 78.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



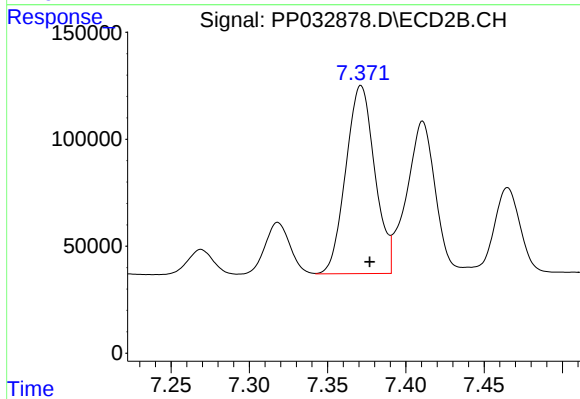
#29 AR-1254-4

R.T.: 6.944 min
Delta R.T.: -0.005 min
Response: 81103
Conc: 48.98 ng/ml



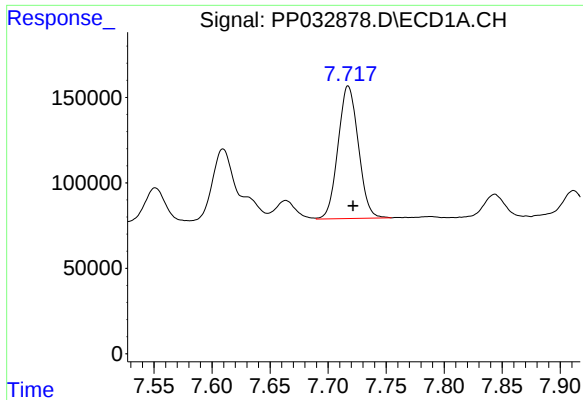
#30 AR-1254-5

R.T.: 8.271 min
Delta R.T.: -0.003 min
Response: 1390736
Conc: 666.88 ng/ml



#30 AR-1254-5

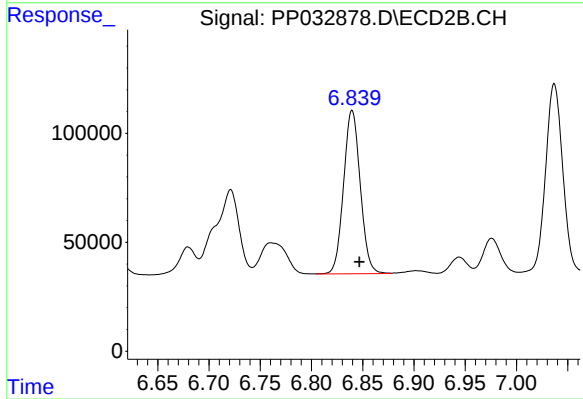
R.T.: 7.371 min
Delta R.T.: -0.006 min
Response: 1133327
Conc: 468.53 ng/ml



#31 AR-1260-1

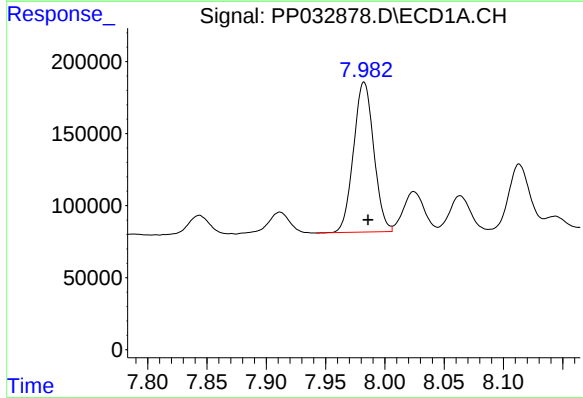
R.T.: 7.717 min
Delta R.T.: -0.004 min
Response: 944740
Conc: 495.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



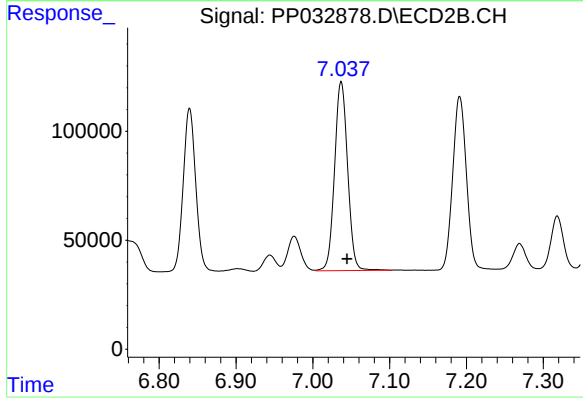
#31 AR-1260-1

R.T.: 6.840 min
Delta R.T.: -0.007 min
Response: 848413
Conc: 444.75 ng/ml



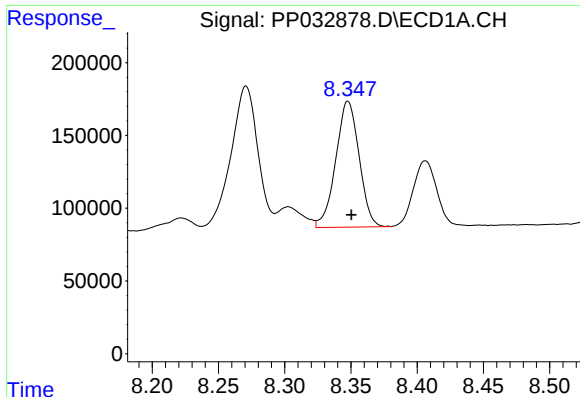
#32 AR-1260-2

R.T.: 7.982 min
Delta R.T.: -0.003 min
Response: 1236608
Conc: 512.01 ng/ml



#32 AR-1260-2

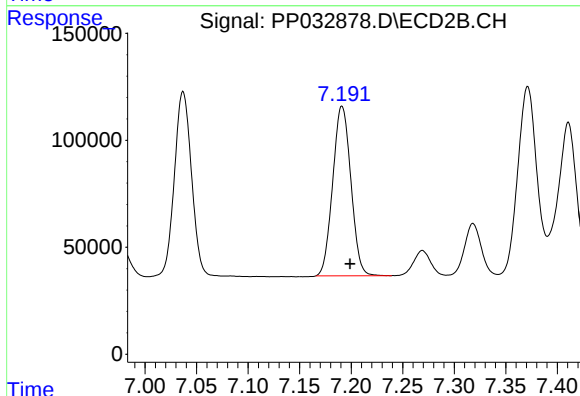
R.T.: 7.037 min
Delta R.T.: -0.008 min
Response: 1012119
Conc: 444.13 ng/ml



#33 AR-1260-3

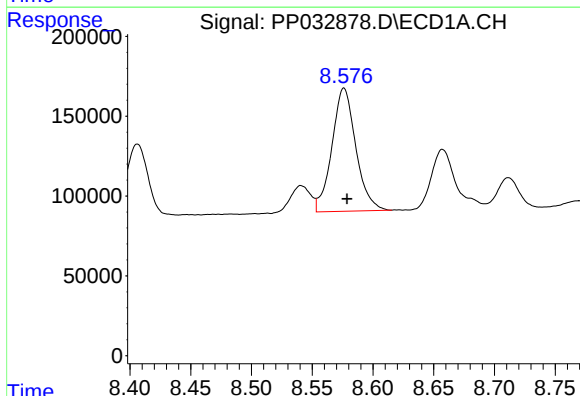
R.T.: 8.348 min
Delta R.T.: -0.003 min
Response: 1062356
Conc: 527.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



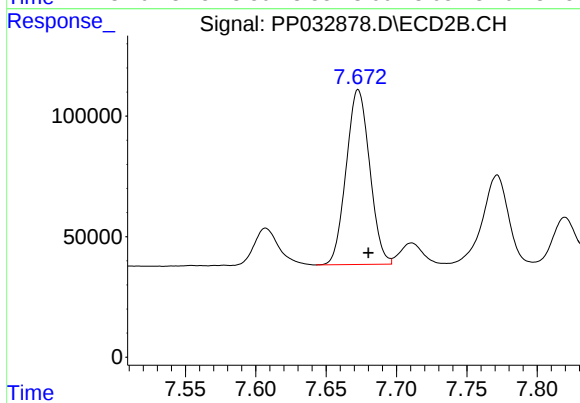
#33 AR-1260-3

R.T.: 7.191 min
Delta R.T.: -0.008 min
Response: 972856
Conc: 444.89 ng/ml



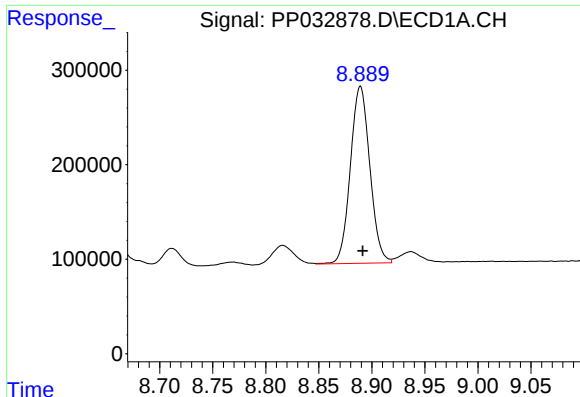
#34 AR-1260-4

R.T.: 8.576 min
Delta R.T.: -0.002 min
Response: 1055697
Conc: 512.36 ng/ml



#34 AR-1260-4

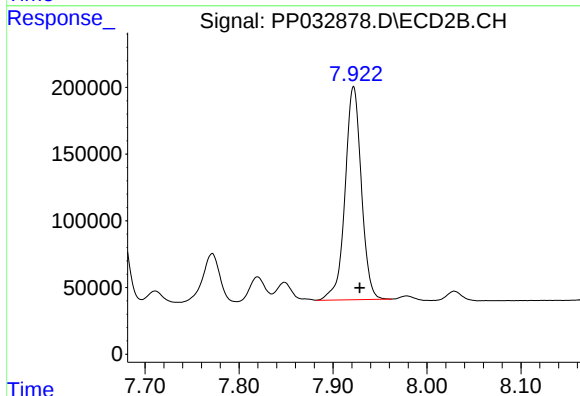
R.T.: 7.673 min
Delta R.T.: -0.007 min
Response: 844455
Conc: 462.13 ng/ml



#35 AR-1260-5

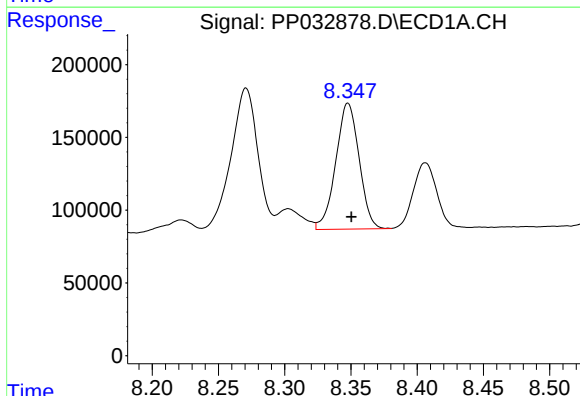
R.T.: 8.889 min
Delta R.T.: -0.002 min
Response: 2390586
Conc: 527.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



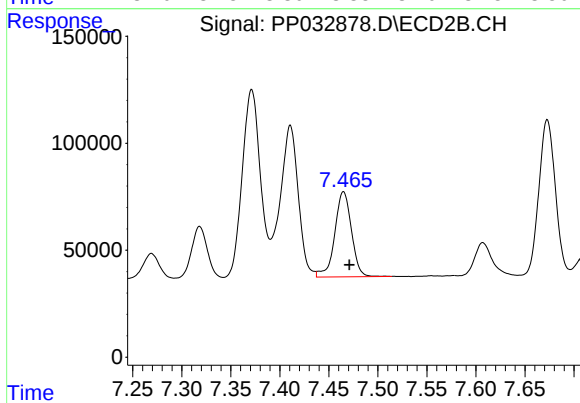
#35 AR-1260-5

R.T.: 7.922 min
Delta R.T.: -0.006 min
Response: 1925996
Conc: 447.73 ng/ml



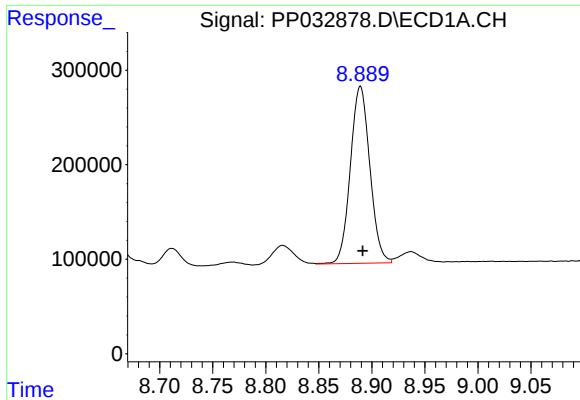
#36 AR-1262-1

R.T.: 8.348 min
Delta R.T.: -0.003 min
Response: 1062356
Conc: 358.20 ng/ml



#36 AR-1262-1

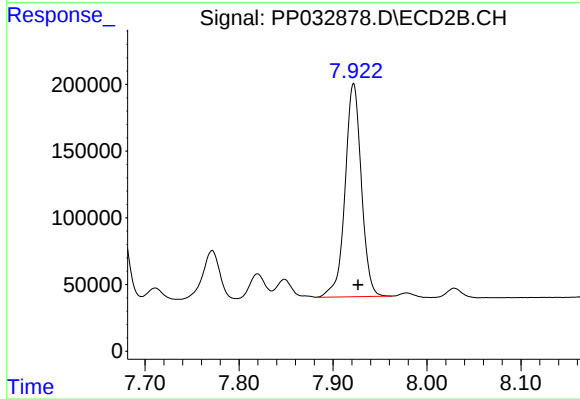
R.T.: 7.465 min
Delta R.T.: -0.006 min
Response: 470789
Conc: 418.94 ng/ml



#37 AR-1262-2

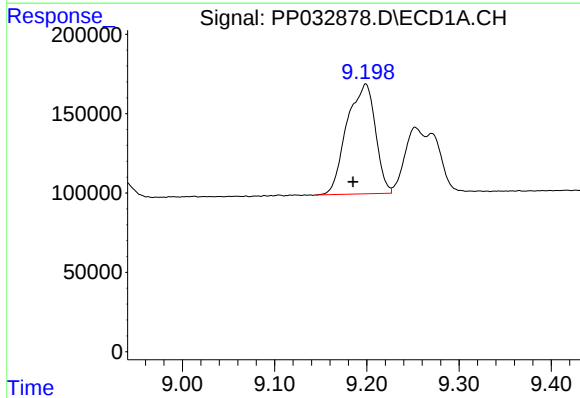
R.T.: 8.889 min
Delta R.T.: -0.002 min
Response: 2390586
Conc: 471.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



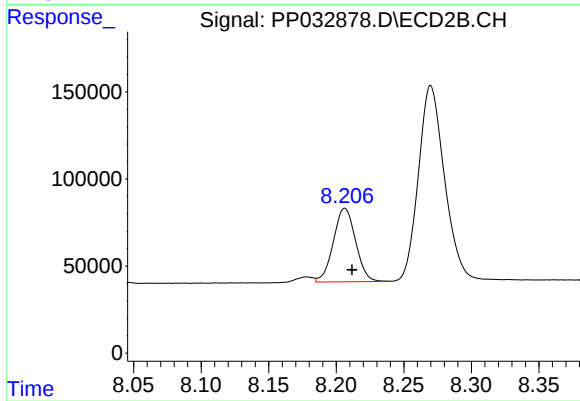
#37 AR-1262-2

R.T.: 7.922 min
Delta R.T.: -0.005 min
Response: 1925996
Conc: 417.52 ng/ml



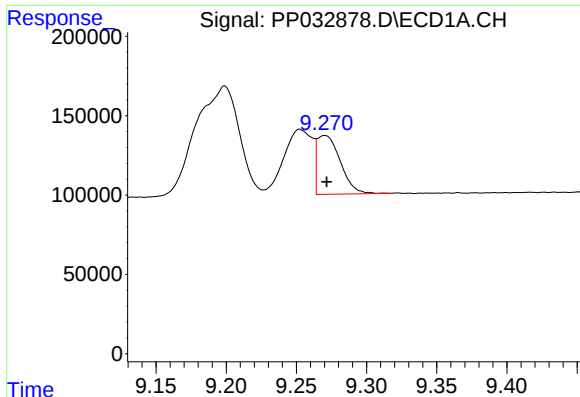
#38 AR-1262-3

R.T.: 9.199 min
Delta R.T.: 0.014 min
Response: 1487071
Conc: 422.83 ng/ml



#38 AR-1262-3

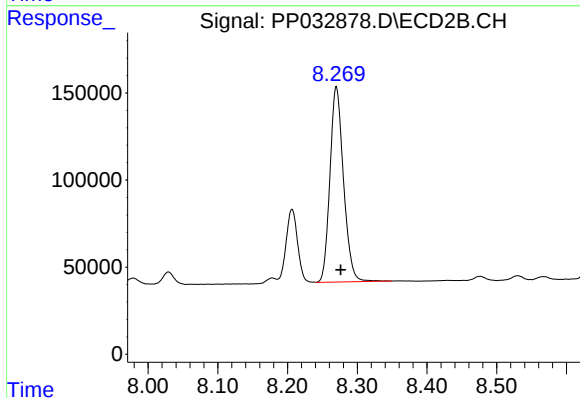
R.T.: 8.206 min
Delta R.T.: -0.005 min
Response: 484371
Conc: 252.97 ng/ml



#39 AR-1262-4

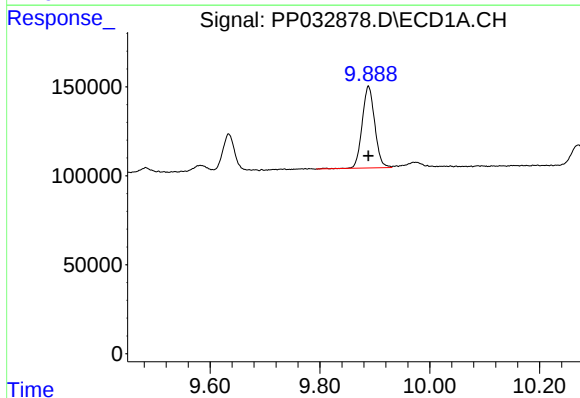
R.T.: 9.270 min
Delta R.T.: -0.001 min
Response: 427604
Conc: 154.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



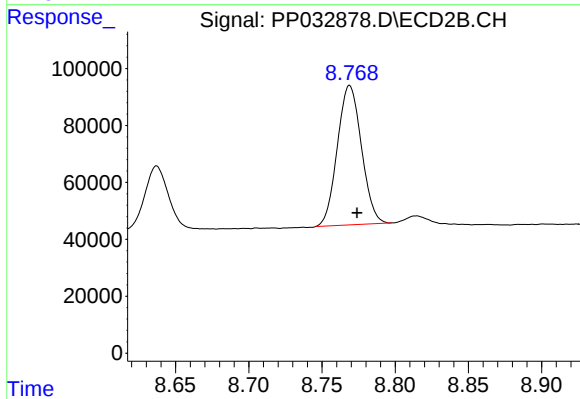
#39 AR-1262-4

R.T.: 8.270 min
Delta R.T.: -0.006 min
Response: 1514217
Conc: 427.81 ng/ml



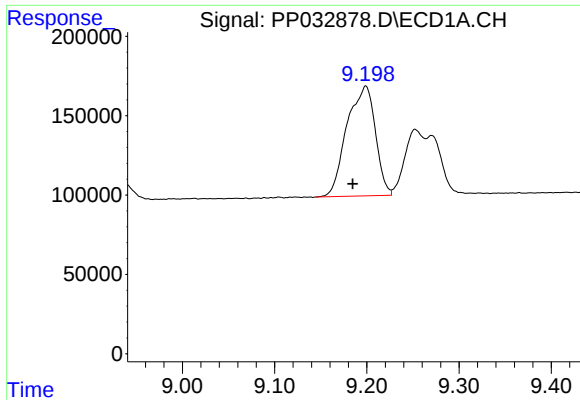
#40 AR-1262-5

R.T.: 9.888 min
Delta R.T.: 0.000 min
Response: 729473
Conc: 402.06 ng/ml



#40 AR-1262-5

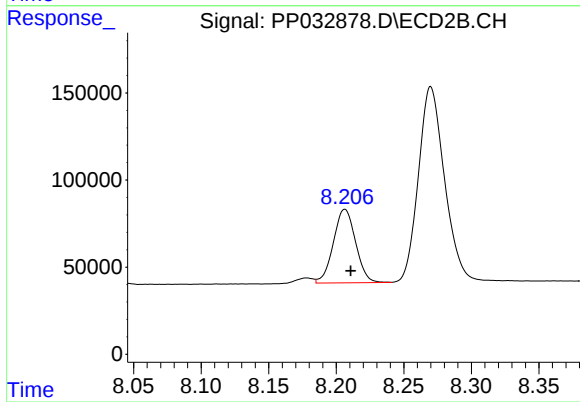
R.T.: 8.769 min
Delta R.T.: -0.005 min
Response: 561092
Conc: 354.70 ng/ml



#41 AR-1268-1

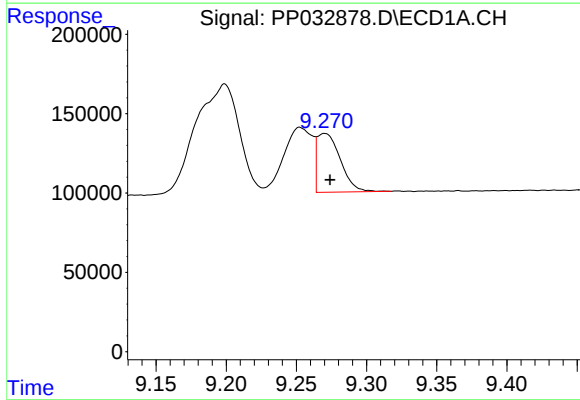
R.T.: 9.199 min
Delta R.T.: 0.014 min
Response: 1487071
Conc: 224.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



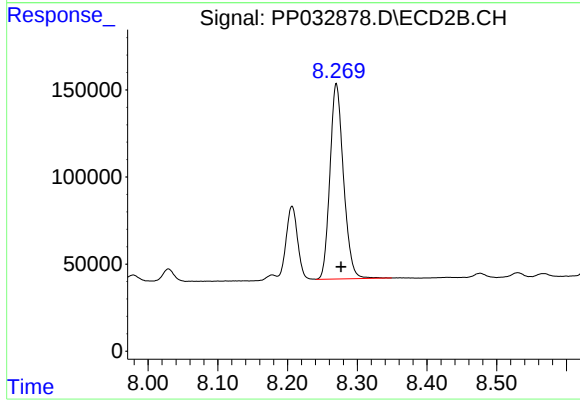
#41 AR-1268-1

R.T.: 8.206 min
Delta R.T.: -0.004 min
Response: 484371
Conc: 85.90 ng/ml



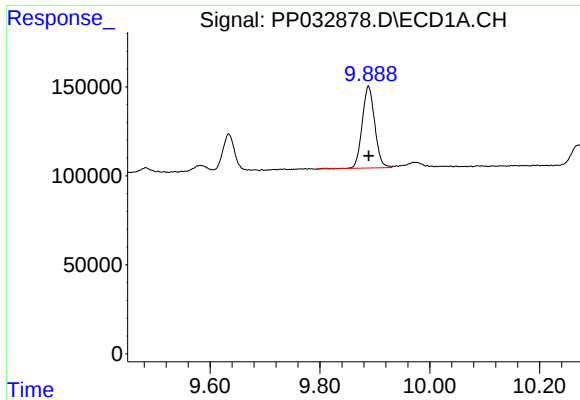
#42 AR-1268-2

R.T.: 9.270 min
Delta R.T.: -0.004 min
Response: 427604
Conc: 70.98 ng/ml



#42 AR-1268-2

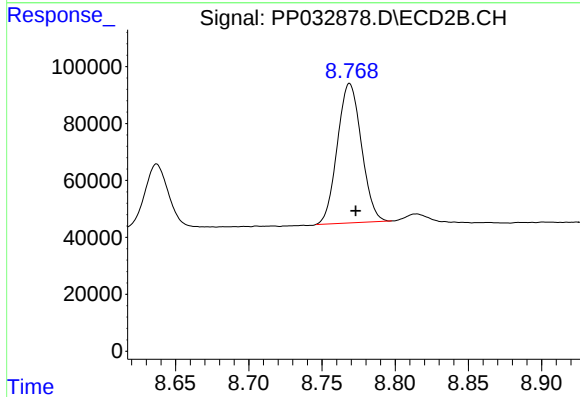
R.T.: 8.270 min
Delta R.T.: -0.007 min
Response: 1514217
Conc: 279.32 ng/ml



#44 AR-1268-4

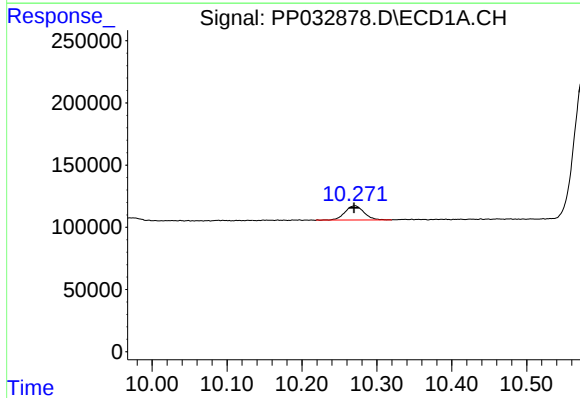
R.T.: 9.888 min
Delta R.T.: 0.000 min
Response: 729473
Conc: 355.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



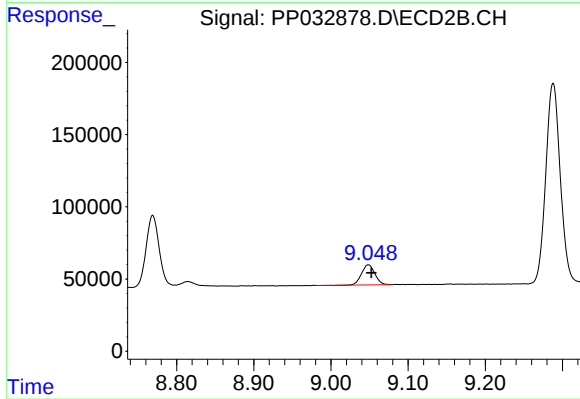
#44 AR-1268-4

R.T.: 8.769 min
Delta R.T.: -0.004 min
Response: 561092
Conc: 310.22 ng/ml



#45 AR-1268-5

R.T.: 10.271 min
Delta R.T.: 0.001 min
Response: 200063
Conc: 13.23 ng/ml



#45 AR-1268-5

R.T.: 9.048 min
Delta R.T.: -0.004 min
Response: 166490
Conc: 11.50 ng/ml