

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP111121\
 Data File : PP041007.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 11 Nov 2021 22:21
 Operator : AJ\MA
 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: Nov 12 00:52:38 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110421.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Nov 04 11:28:51 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...	4.759	3.763	1026297	1303710	50.660	54.325
2)	SA Decachlor...	10.661f	9.029	934778	679210	43.892	38.894
Target Compounds							
3)	L1 AR-1016-1	6.075	5.012	356510	392028	507.758	560.861
4)	L1 AR-1016-2	6.098	5.031	536439	586081	502.963	569.718
5)	L1 AR-1016-3	6.163	5.222	334664	321395	516.461	566.868
6)	L1 AR-1016-4	6.270	5.275	267950	255250	498.577	562.000
7)	L1 AR-1016-5	6.584	5.501	269589	253672	496.760	453.605
8)	L2 AR-1221-1	0.000	4.019	0	46929	N.D.	169.991 #
9)	L2 AR-1221-2	5.146	4.119	10098	71760	66.906	341.102 #
10)	L2 AR-1221-3	5.195f	4.206	201522	278282	366.008	423.933
11)	L3 AR-1232-1	5.195f	4.206	201522	278282	442.424	515.623
12)	L3 AR-1232-2	5.779f	5.031	282871	586081	1207.475	1377.903
13)	L3 AR-1232-3	6.098f	5.222	536439	321395	1248.469	1401.897
14)	L3 AR-1232-4	6.270f	5.319	267950	288566	1278.595	1454.267
15)	L3 AR-1232-5	6.368f	5.501	215266	253672	1504.781	1196.985
16)	L4 AR-1242-1	6.098	5.012	536439	392028	1005.958	727.096 #
17)	L4 AR-1242-2	6.098	5.031	536439	586081	663.476	738.786
18)	L4 AR-1242-3	6.163	5.222	334664	321395	674.922	736.960
19)	L4 AR-1242-4	6.270	5.319	267950	288566	655.069	697.825
20)	L4 AR-1242-5	7.052	5.880	54570	214680	119.311	466.102 #
21)	L5 AR-1248-1	6.075	5.012	356510	392028	907.629	985.481
22)	L5 AR-1248-2	6.368	5.275	215266	255250	380.701	440.010
23)	L5 AR-1248-3	6.584	5.319	269589	288566	384.461	478.419
24)	L5 AR-1248-4	7.011	5.501	74614	253672	94.456	368.960 #
25)	L5 AR-1248-5	7.052	5.921	54570	38076	69.884	60.283
26)	L6 AR-1254-1	6.981	5.880	240020	214680	310.898	220.699 #
27)	L6 AR-1254-2	7.209	6.041	197651	186648	159.226	222.398 #
28)	L6 AR-1254-3	7.590	6.478	119237	364502	88.567	288.618 #
29)	L6 AR-1254-4	7.885	6.700	66746	60763	68.409	81.665
30)	L6 AR-1254-5	8.313	7.128	634501	538229	584.828	501.205
31)	L7 AR-1260-1	7.756	6.597	449371	472939	462.762	545.046
32)	L7 AR-1260-2	8.022	6.795	538568	535964	465.196	532.644
33)	L7 AR-1260-3	8.386	6.949	415161	491224	470.179	520.425
34)	L7 AR-1260-4	8.615	7.431	512908	375466	485.437	478.213
35)	L7 AR-1260-5	8.931	7.681	923396	800411	442.246	450.544
36)	L8 AR-1262-1	8.386	7.128	415161	538229	331.326	933.989 #
37)	L8 AR-1262-2	8.931	7.681	923396	800411	406.349	449.521
38)	L8 AR-1262-3	0.000	7.966	0	194049	N.D.	250.273 #
39)	L8 AR-1262-4	9.299	8.030	414868	598745	707.501	427.208 #
40)	L8 AR-1262-5	9.950	8.530	294562	223657	323.484	322.077
41)	L9 AR-1268-1	9.247f	7.966	624715	194049	229.169	90.502 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP111121\
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 Acq On : 11 Nov 2021 22:21
 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

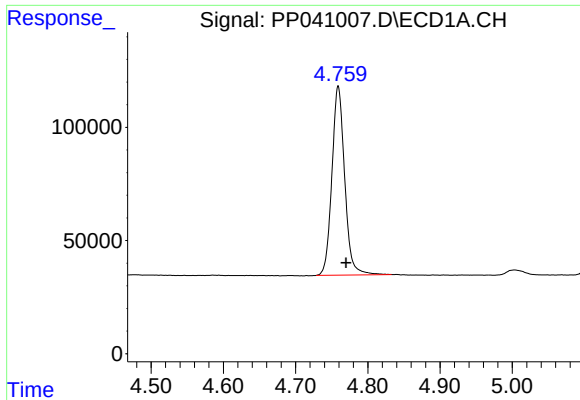
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 00:52:38 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110421.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
42) L9	AR-1268-2	9.299f	8.030	414868	598745	158.469	300.385 #
43) L9	AR-1268-3	9.532	8.237	14144	9586	6.406	5.488
44) L9	AR-1268-4	9.950	8.530	294562	223657	289.897	291.399
45) L9	AR-1268-5	10.342	8.801	84907	60758	11.657	11.257

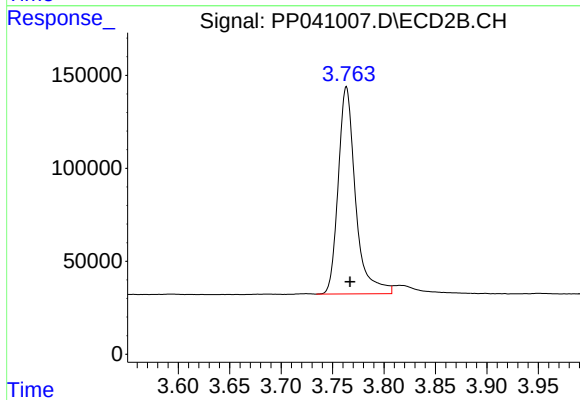
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

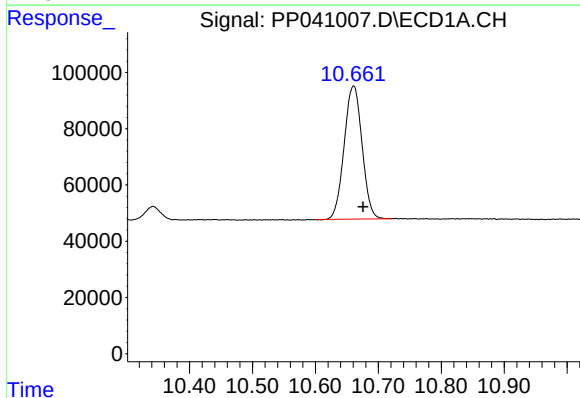
R.T.: 4.759 min
Delta R.T.: -0.011 min
Response: 1026297
Conc: 50.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



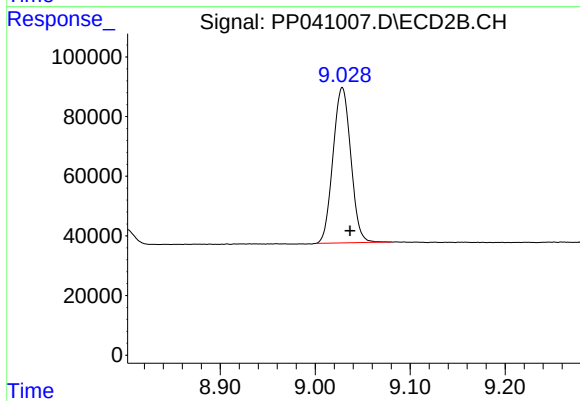
#1 Tetrachloro-m-xylene

R.T.: 3.763 min
Delta R.T.: -0.004 min
Response: 1303710
Conc: 54.33 ng/ml



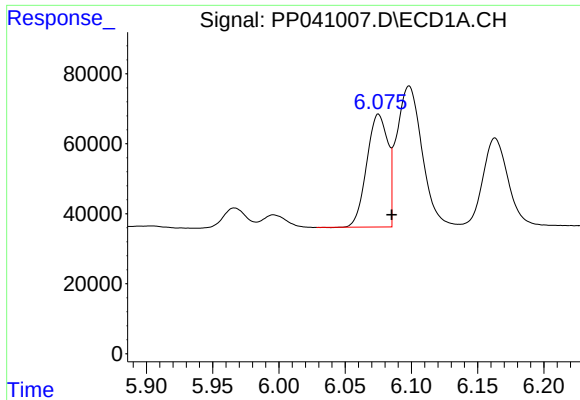
#2 Decachlorobiphenyl

R.T.: 10.661 min
Delta R.T.: -0.015 min
Response: 934778
Conc: 43.89 ng/ml



#2 Decachlorobiphenyl

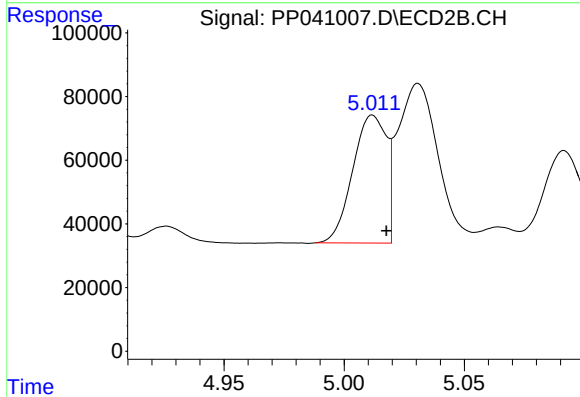
R.T.: 9.029 min
Delta R.T.: -0.008 min
Response: 679210
Conc: 38.89 ng/ml



#3 AR-1016-1

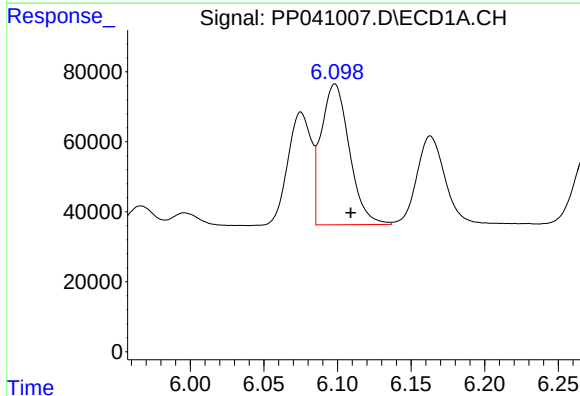
R.T.: 6.075 min
Delta R.T.: -0.010 min
Response: 356510
Conc: 507.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



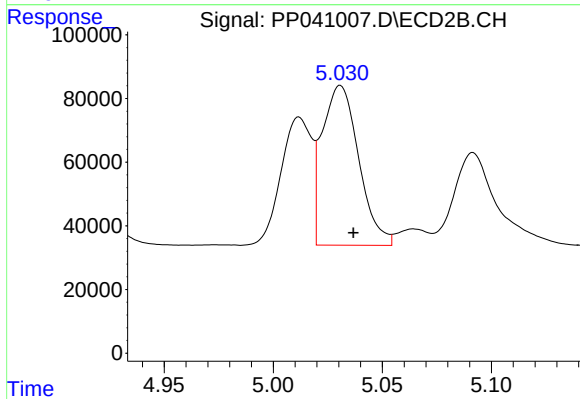
#3 AR-1016-1

R.T.: 5.012 min
Delta R.T.: -0.006 min
Response: 392028
Conc: 560.86 ng/ml



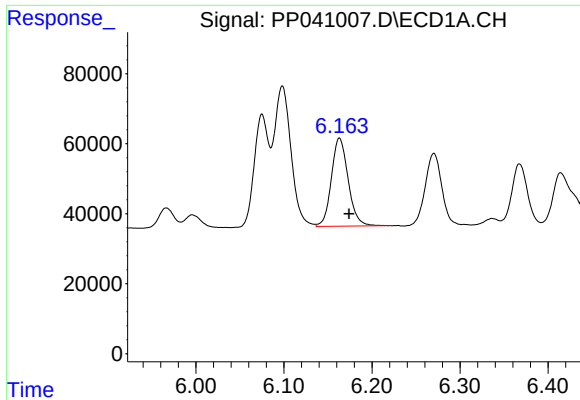
#4 AR-1016-2

R.T.: 6.098 min
Delta R.T.: -0.011 min
Response: 536439
Conc: 502.96 ng/ml



#4 AR-1016-2

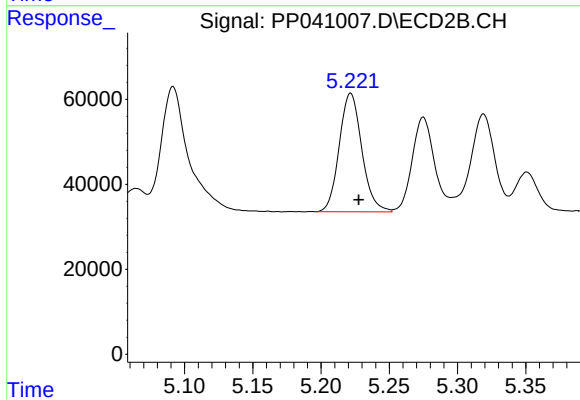
R.T.: 5.031 min
Delta R.T.: -0.006 min
Response: 586081
Conc: 569.72 ng/ml



#5 AR-1016-3

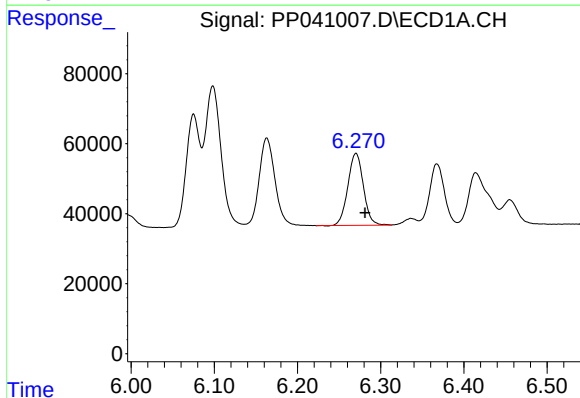
R.T.: 6.163 min
Delta R.T.: -0.011 min
Response: 334664
Conc: 516.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



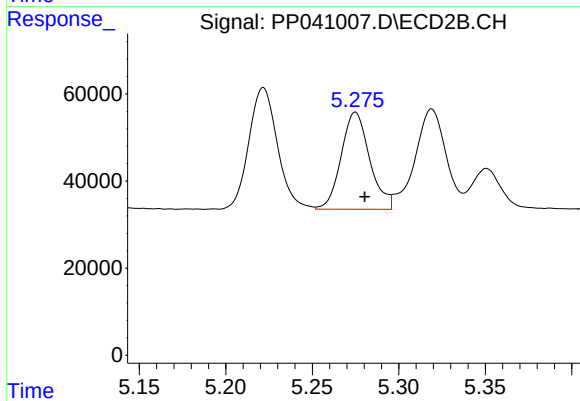
#5 AR-1016-3

R.T.: 5.222 min
Delta R.T.: -0.006 min
Response: 321395
Conc: 566.87 ng/ml



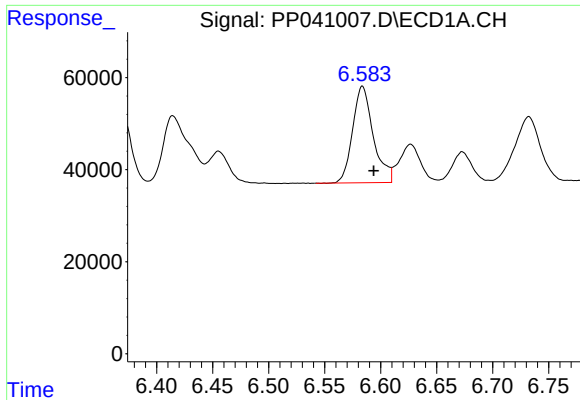
#6 AR-1016-4

R.T.: 6.270 min
Delta R.T.: -0.011 min
Response: 267950
Conc: 498.58 ng/ml



#6 AR-1016-4

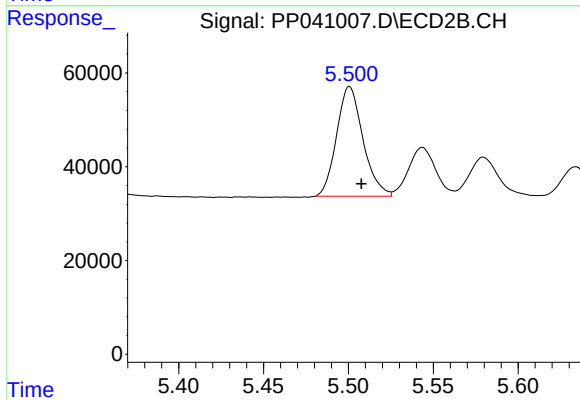
R.T.: 5.275 min
Delta R.T.: -0.005 min
Response: 255250
Conc: 562.00 ng/ml



#7 AR-1016-5

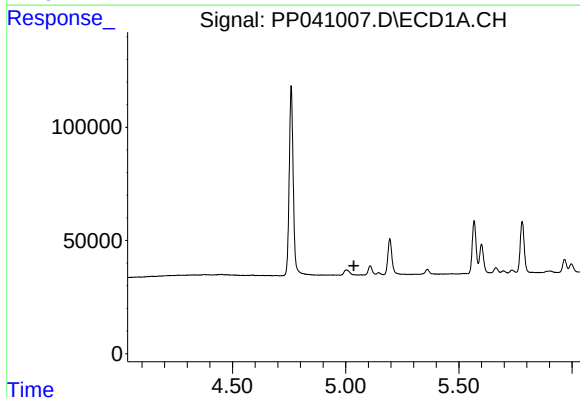
R.T.: 6.584 min
Delta R.T.: -0.010 min
Response: 269589
Conc: 496.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



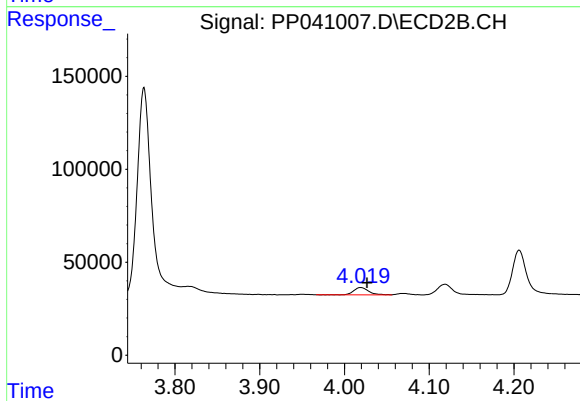
#7 AR-1016-5

R.T.: 5.501 min
Delta R.T.: -0.007 min
Response: 253672
Conc: 453.61 ng/ml



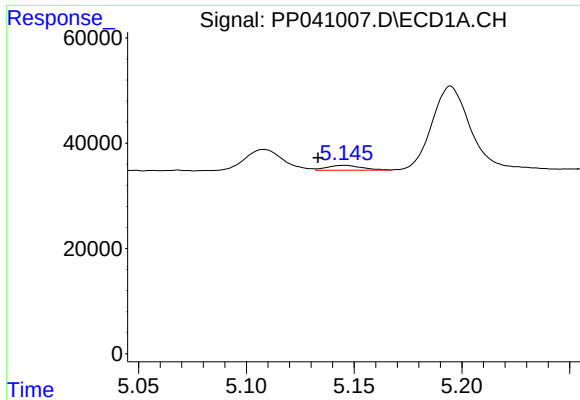
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.036 min
Response: 0
Conc: N.D.



#8 AR-1221-1

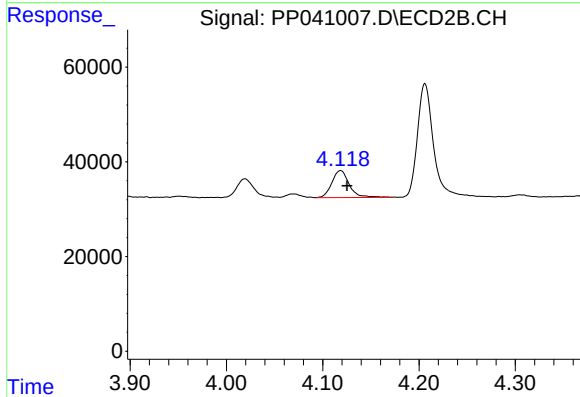
R.T.: 4.019 min
Delta R.T.: -0.007 min
Response: 46929
Conc: 169.99 ng/ml



#9 AR-1221-2

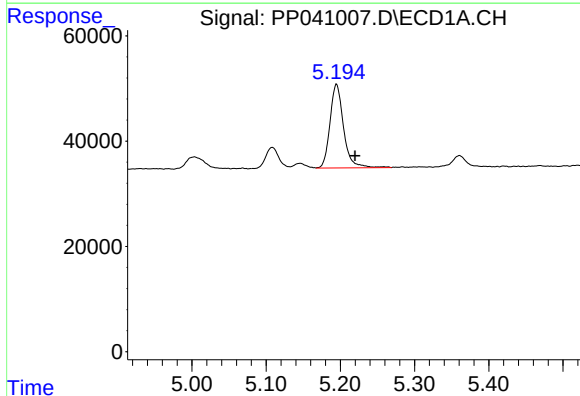
R.T.: 5.146 min
Delta R.T.: 0.012 min
Response: 10098
Conc: 66.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



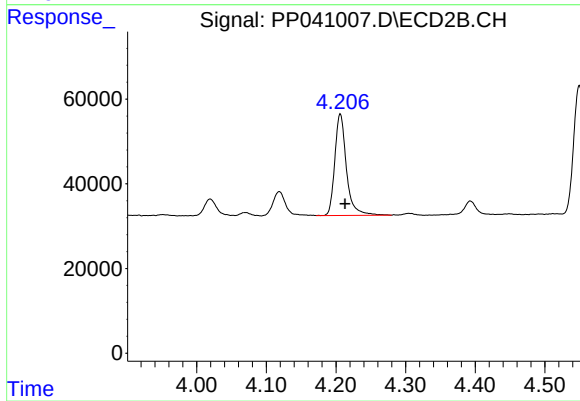
#9 AR-1221-2

R.T.: 4.119 min
Delta R.T.: -0.006 min
Response: 71760
Conc: 341.10 ng/ml



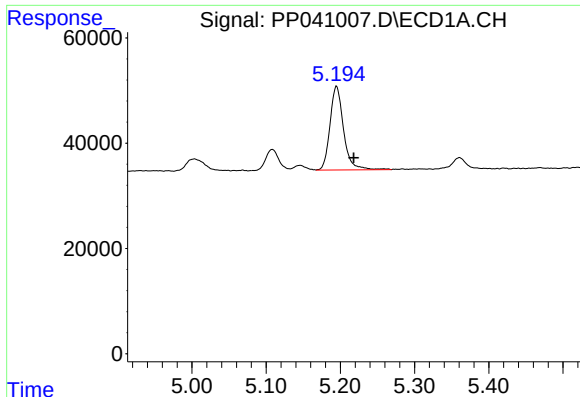
#10 AR-1221-3

R.T.: 5.195 min
Delta R.T.: -0.025 min
Response: 201522
Conc: 366.01 ng/ml



#10 AR-1221-3

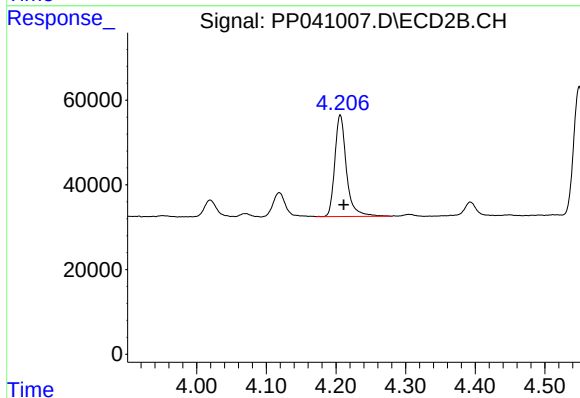
R.T.: 4.206 min
Delta R.T.: -0.007 min
Response: 278282
Conc: 423.93 ng/ml



#11 AR-1232-1

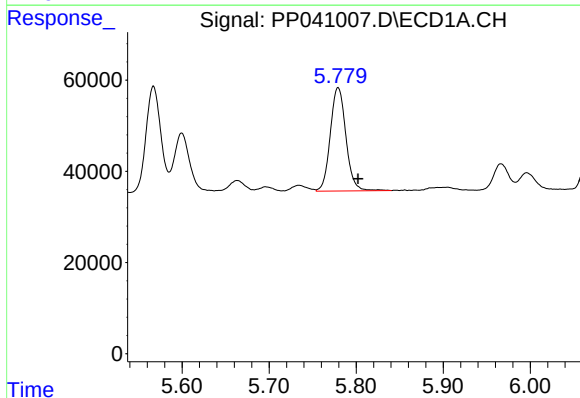
R.T.: 5.195 min
Delta R.T.: -0.024 min
Response: 201522
Conc: 442.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



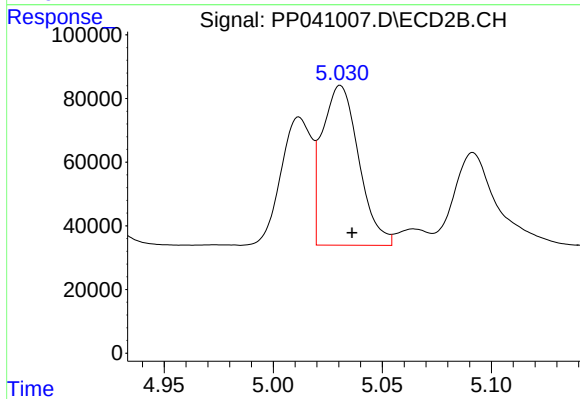
#11 AR-1232-1

R.T.: 4.206 min
Delta R.T.: -0.005 min
Response: 278282
Conc: 515.62 ng/ml



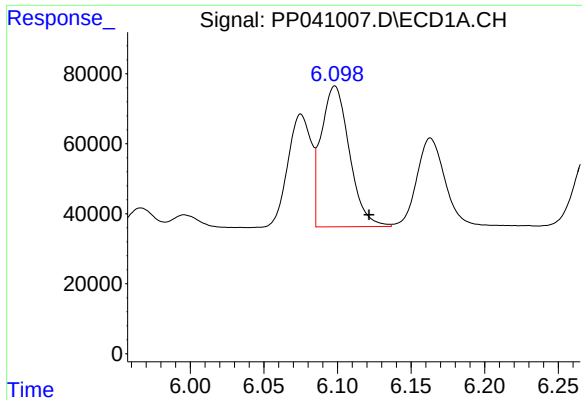
#12 AR-1232-2

R.T.: 5.779 min
Delta R.T.: -0.023 min
Response: 282871
Conc: 1207.48 ng/ml



#12 AR-1232-2

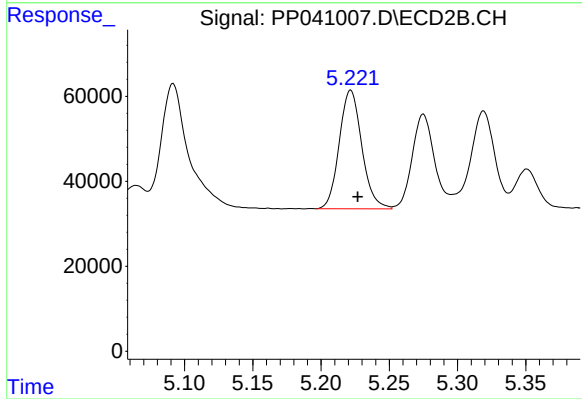
R.T.: 5.031 min
Delta R.T.: -0.005 min
Response: 586081
Conc: 1377.90 ng/ml



#13 AR-1232-3

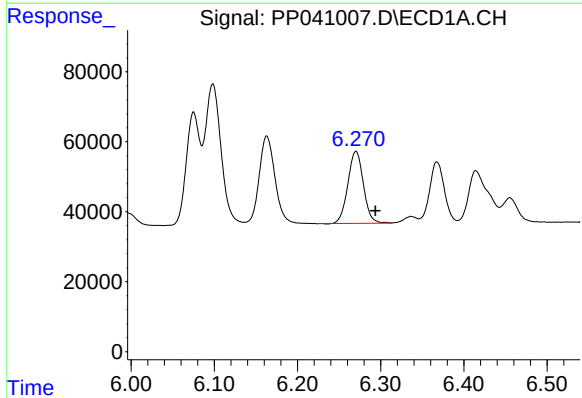
R.T.: 6.098 min
Delta R.T.: -0.023 min
Response: 536439
Conc: 1248.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



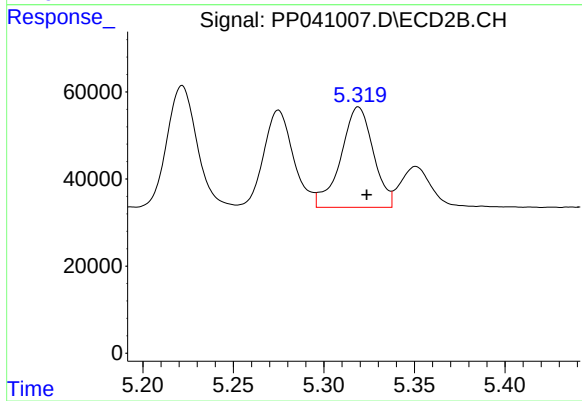
#13 AR-1232-3

R.T.: 5.222 min
Delta R.T.: -0.005 min
Response: 321395
Conc: 1401.90 ng/ml



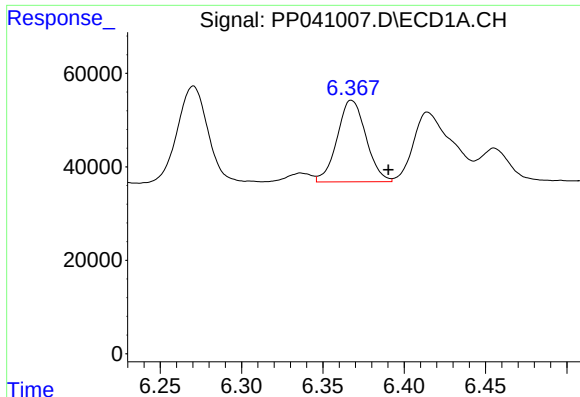
#14 AR-1232-4

R.T.: 6.270 min
Delta R.T.: -0.023 min
Response: 267950
Conc: 1278.59 ng/ml



#14 AR-1232-4

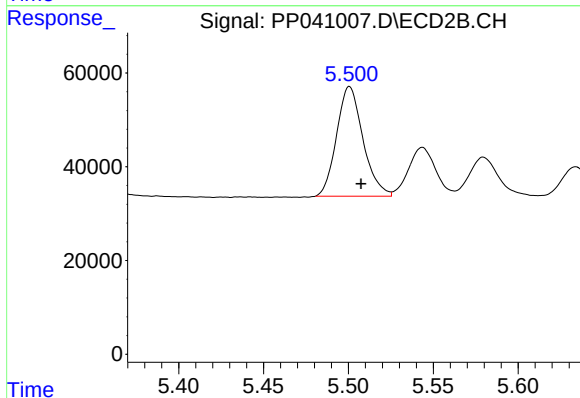
R.T.: 5.319 min
Delta R.T.: -0.005 min
Response: 288566
Conc: 1454.27 ng/ml



#15 AR-1232-5

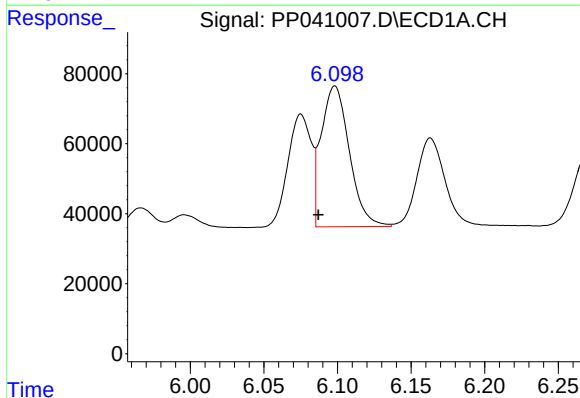
R.T.: 6.368 min
Delta R.T.: -0.023 min
Response: 215266
Conc: 1504.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



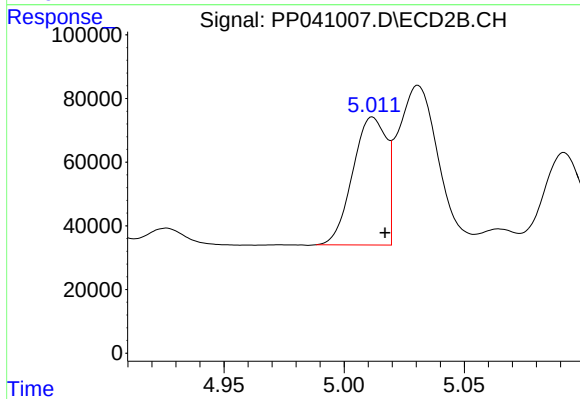
#15 AR-1232-5

R.T.: 5.501 min
Delta R.T.: -0.007 min
Response: 253672
Conc: 1196.99 ng/ml



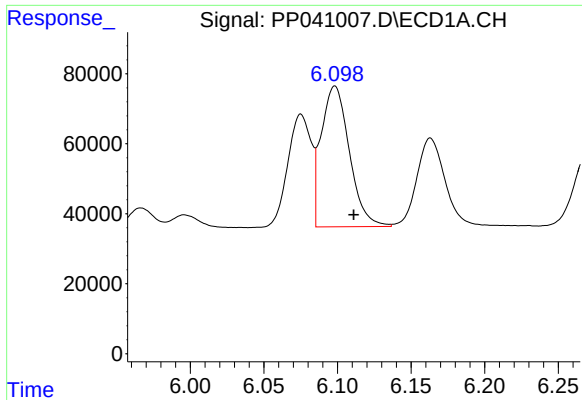
#16 AR-1242-1

R.T.: 6.098 min
Delta R.T.: 0.011 min
Response: 536439
Conc: 1005.96 ng/ml



#16 AR-1242-1

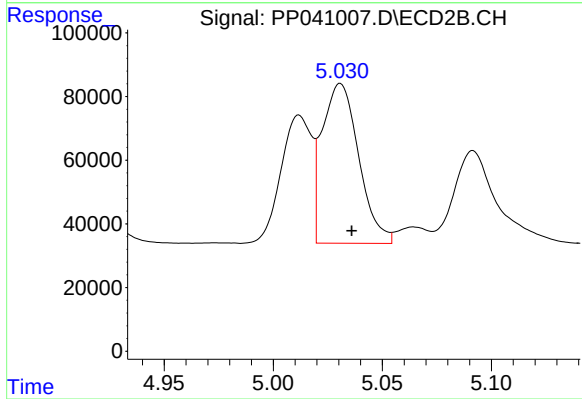
R.T.: 5.012 min
Delta R.T.: -0.005 min
Response: 392028
Conc: 727.10 ng/ml



#17 AR-1242-2

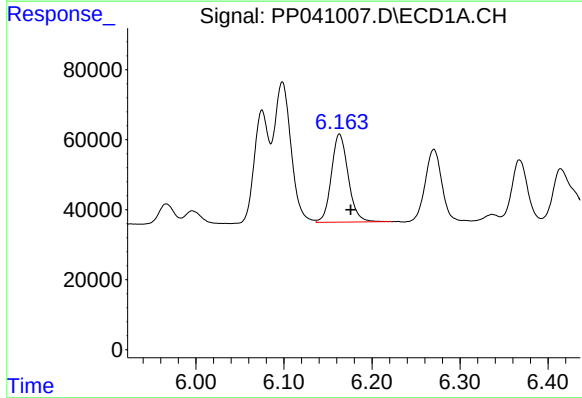
R.T.: 6.098 min
Delta R.T.: -0.013 min
Response: 536439
Conc: 663.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



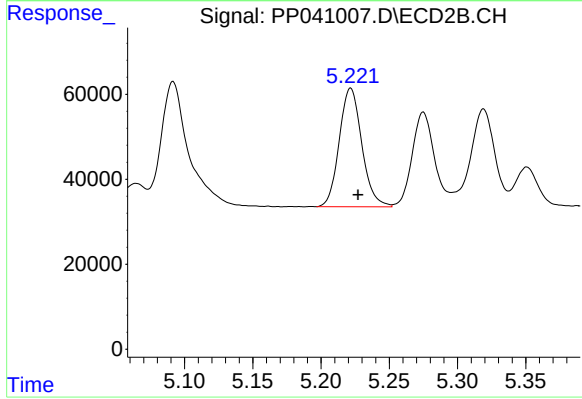
#17 AR-1242-2

R.T.: 5.031 min
Delta R.T.: -0.005 min
Response: 586081
Conc: 738.79 ng/ml



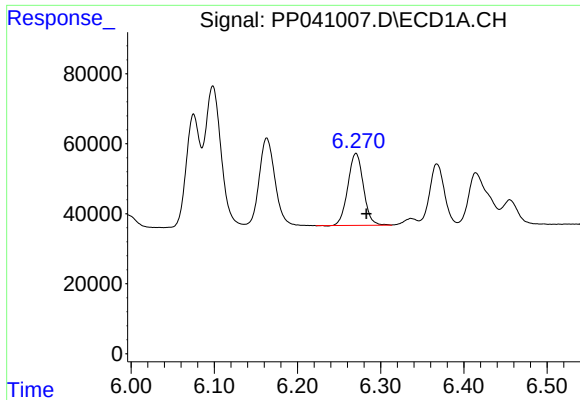
#18 AR-1242-3

R.T.: 6.163 min
Delta R.T.: -0.013 min
Response: 334664
Conc: 674.92 ng/ml



#18 AR-1242-3

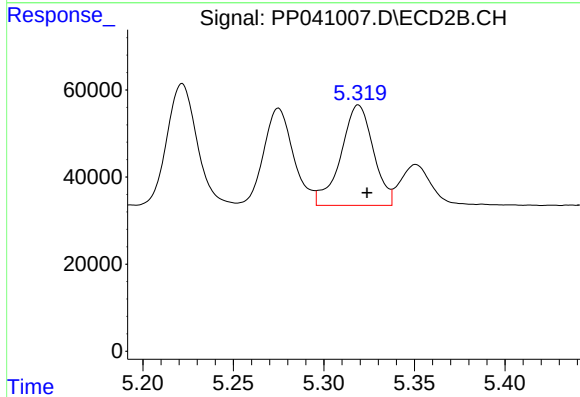
R.T.: 5.222 min
Delta R.T.: -0.005 min
Response: 321395
Conc: 736.96 ng/ml



#19 AR-1242-4

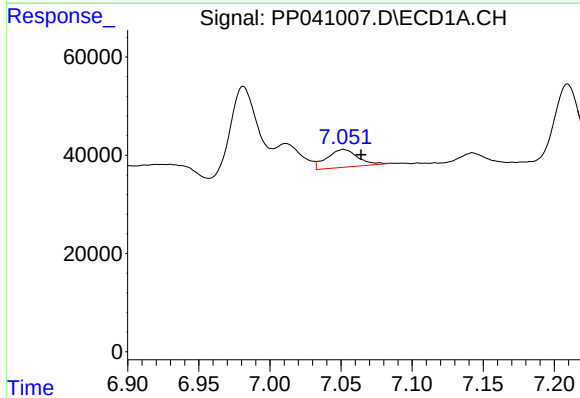
R.T.: 6.270 min
Delta R.T.: -0.013 min
Response: 267950
Conc: 655.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



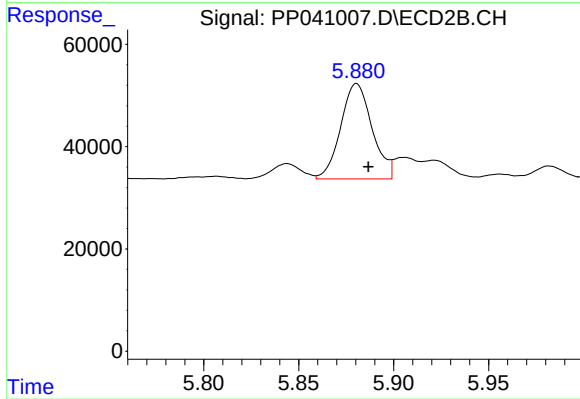
#19 AR-1242-4

R.T.: 5.319 min
Delta R.T.: -0.005 min
Response: 288566
Conc: 697.83 ng/ml



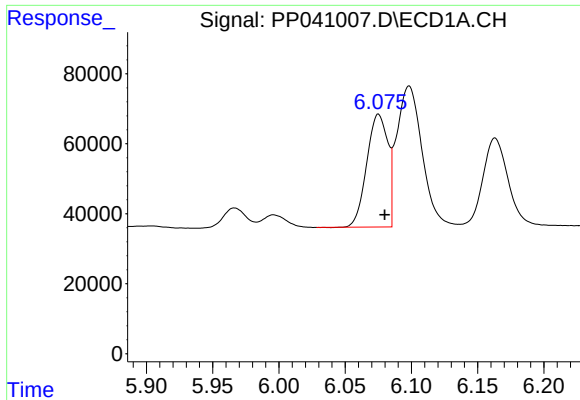
#20 AR-1242-5

R.T.: 7.052 min
Delta R.T.: -0.012 min
Response: 54570
Conc: 119.31 ng/ml



#20 AR-1242-5

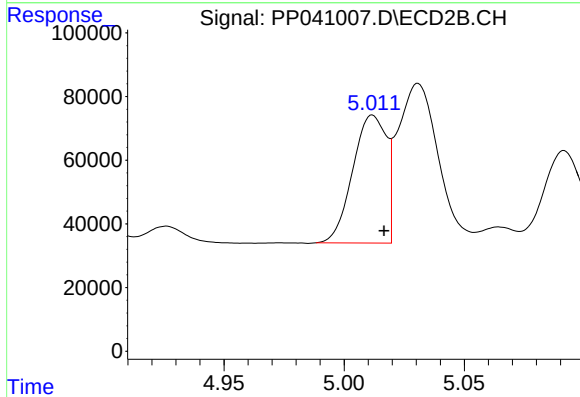
R.T.: 5.880 min
Delta R.T.: -0.006 min
Response: 214680
Conc: 466.10 ng/ml



#21 AR-1248-1

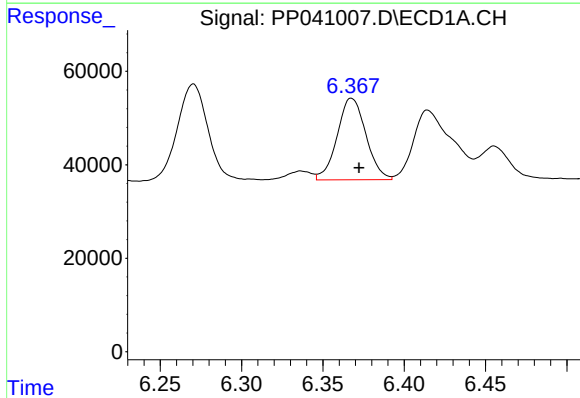
R.T.: 6.075 min
Delta R.T.: -0.005 min
Response: 356510
Conc: 907.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



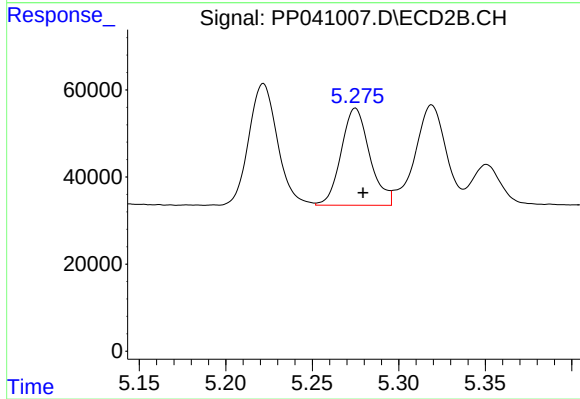
#21 AR-1248-1

R.T.: 5.012 min
Delta R.T.: -0.005 min
Response: 392028
Conc: 985.48 ng/ml



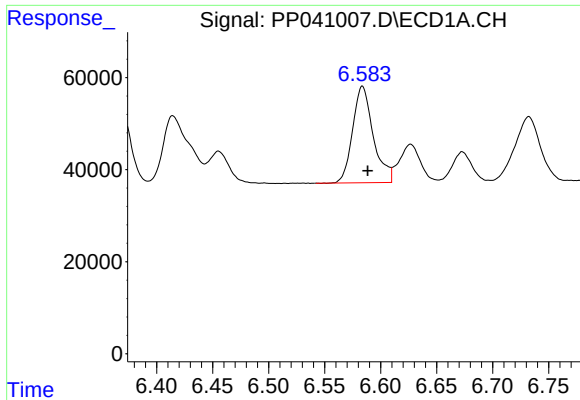
#22 AR-1248-2

R.T.: 6.368 min
Delta R.T.: -0.005 min
Response: 215266
Conc: 380.70 ng/ml



#22 AR-1248-2

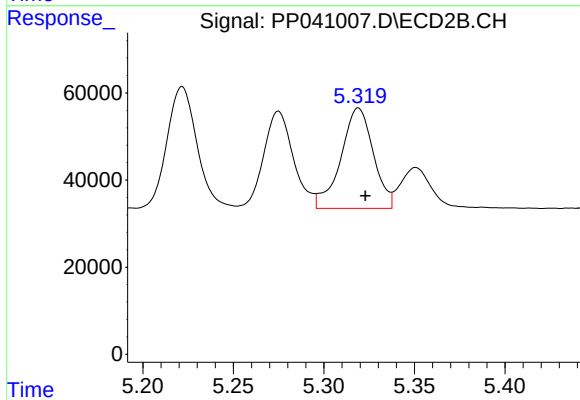
R.T.: 5.275 min
Delta R.T.: -0.005 min
Response: 255250
Conc: 440.01 ng/ml



#23 AR-1248-3

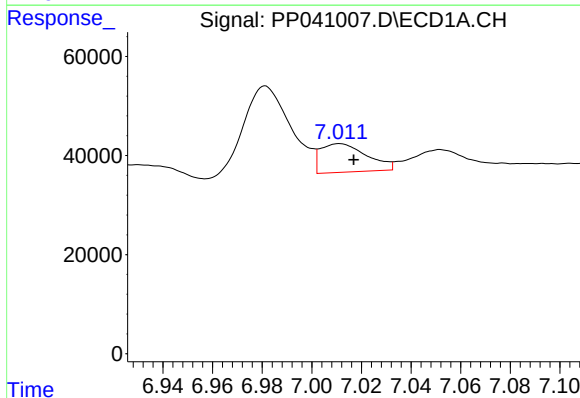
R.T.: 6.584 min
Delta R.T.: -0.005 min
Response: 269589
Conc: 384.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



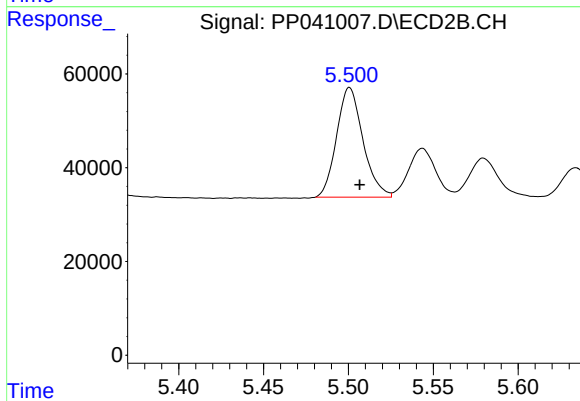
#23 AR-1248-3

R.T.: 5.319 min
Delta R.T.: -0.004 min
Response: 288566
Conc: 478.42 ng/ml



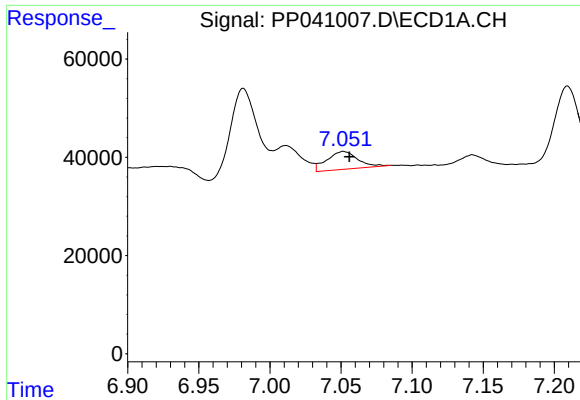
#24 AR-1248-4

R.T.: 7.011 min
Delta R.T.: -0.006 min
Response: 74614
Conc: 94.46 ng/ml



#24 AR-1248-4

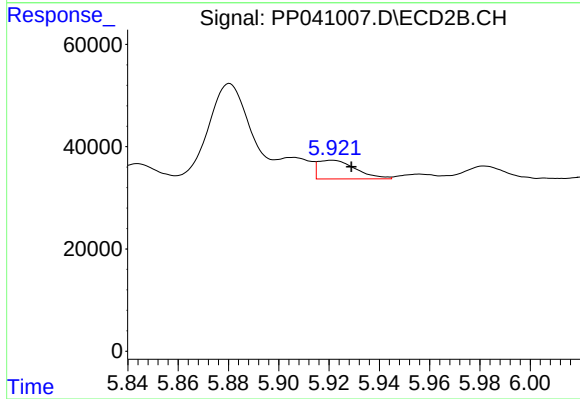
R.T.: 5.501 min
Delta R.T.: -0.006 min
Response: 253672
Conc: 368.96 ng/ml



#25 AR-1248-5

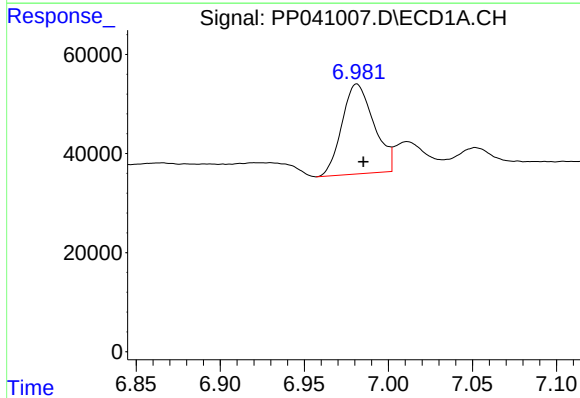
R.T.: 7.052 min
Delta R.T.: -0.004 min
Response: 54570
Conc: 69.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



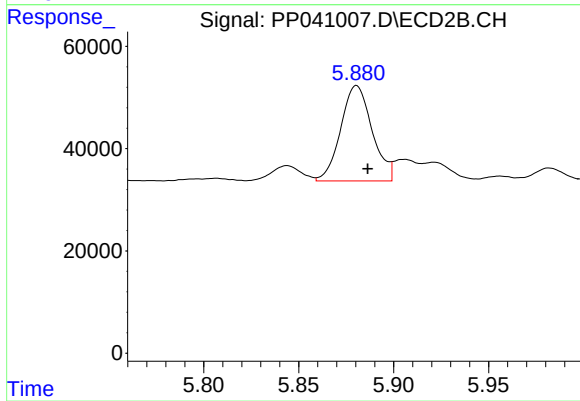
#25 AR-1248-5

R.T.: 5.921 min
Delta R.T.: -0.008 min
Response: 38076
Conc: 60.28 ng/ml



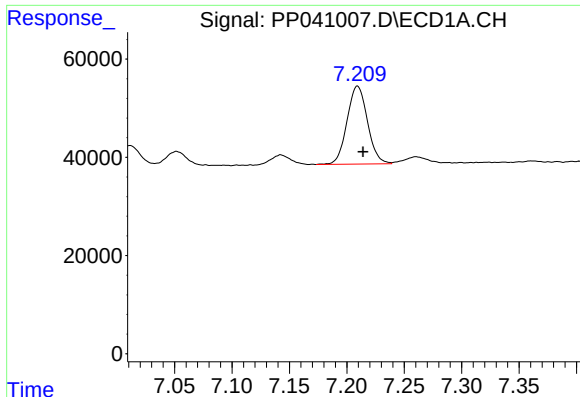
#26 AR-1254-1

R.T.: 6.981 min
Delta R.T.: -0.004 min
Response: 240020
Conc: 310.90 ng/ml



#26 AR-1254-1

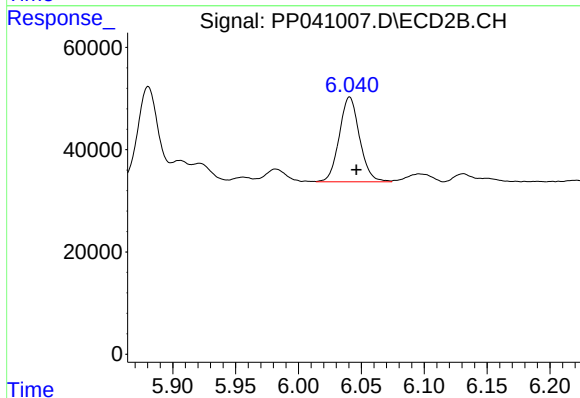
R.T.: 5.880 min
Delta R.T.: -0.006 min
Response: 214680
Conc: 220.70 ng/ml



#27 AR-1254-2

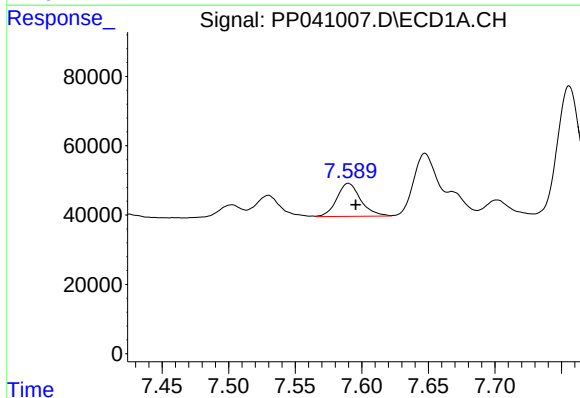
R.T.: 7.209 min
Delta R.T.: -0.005 min
Response: 197651
Conc: 159.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



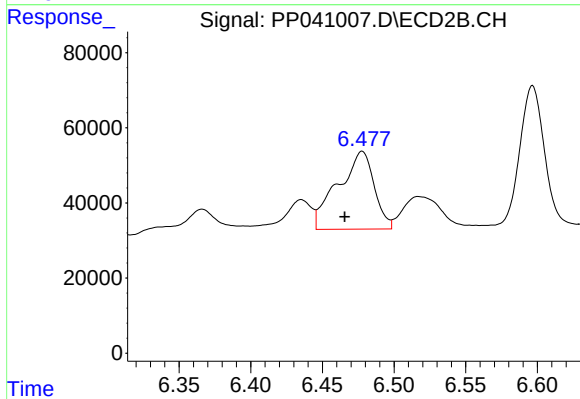
#27 AR-1254-2

R.T.: 6.041 min
Delta R.T.: -0.005 min
Response: 186648
Conc: 222.40 ng/ml



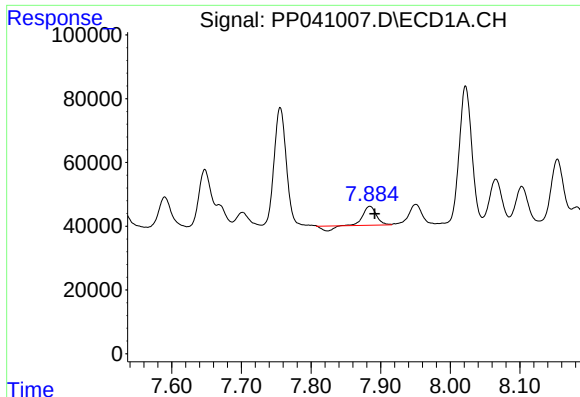
#28 AR-1254-3

R.T.: 7.590 min
Delta R.T.: -0.006 min
Response: 119237
Conc: 88.57 ng/ml



#28 AR-1254-3

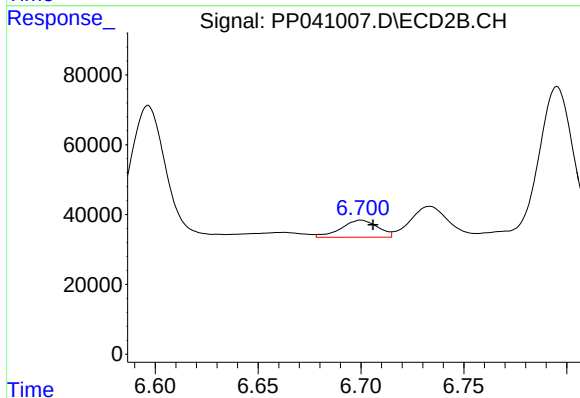
R.T.: 6.478 min
Delta R.T.: 0.012 min
Response: 364502
Conc: 288.62 ng/ml



#29 AR-1254-4

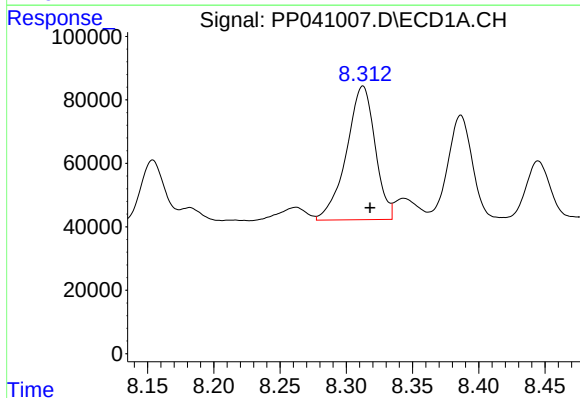
R.T.: 7.885 min
Delta R.T.: -0.007 min
Response: 66746
Conc: 68.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



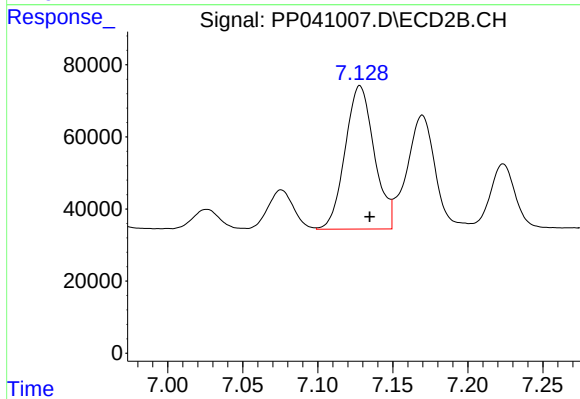
#29 AR-1254-4

R.T.: 6.700 min
Delta R.T.: -0.006 min
Response: 60763
Conc: 81.66 ng/ml



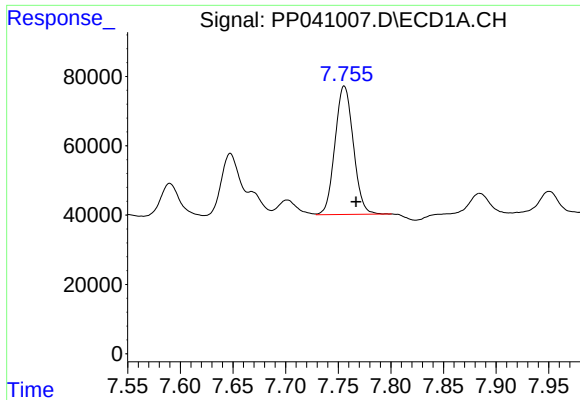
#30 AR-1254-5

R.T.: 8.313 min
Delta R.T.: -0.005 min
Response: 634501
Conc: 584.83 ng/ml



#30 AR-1254-5

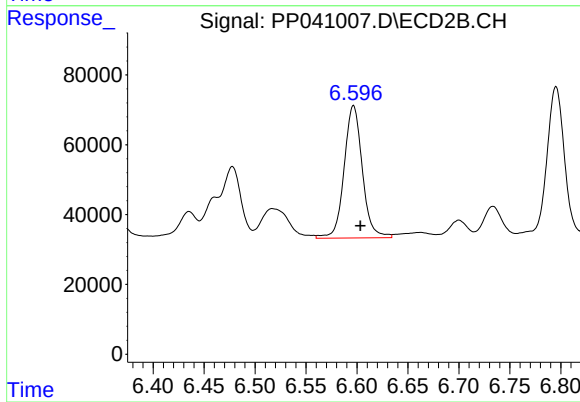
R.T.: 7.128 min
Delta R.T.: -0.006 min
Response: 538229
Conc: 501.21 ng/ml



#31 AR-1260-1

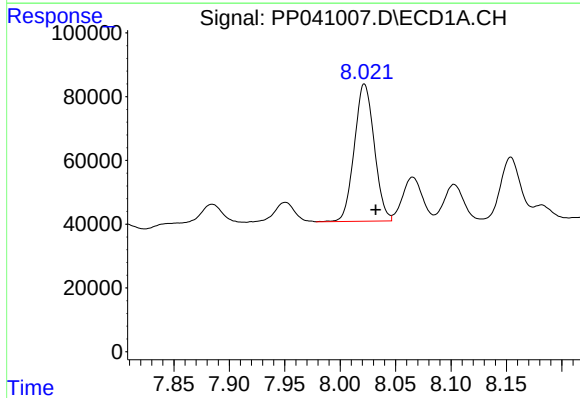
R.T.: 7.756 min
Delta R.T.: -0.011 min
Response: 449371
Conc: 462.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



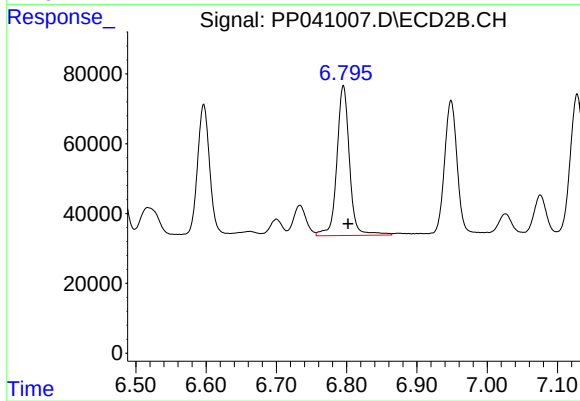
#31 AR-1260-1

R.T.: 6.597 min
Delta R.T.: -0.007 min
Response: 472939
Conc: 545.05 ng/ml



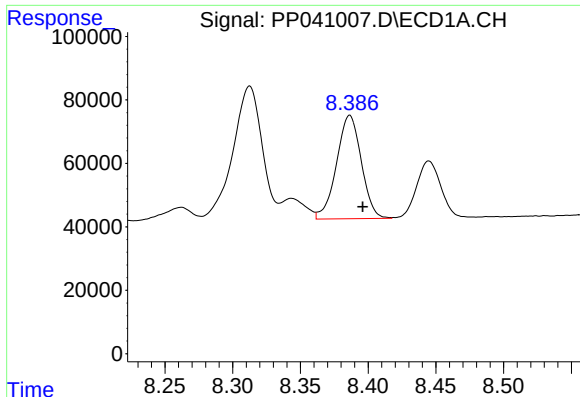
#32 AR-1260-2

R.T.: 8.022 min
Delta R.T.: -0.010 min
Response: 538568
Conc: 465.20 ng/ml



#32 AR-1260-2

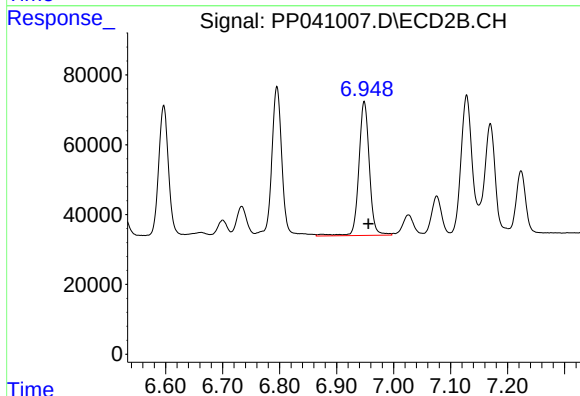
R.T.: 6.795 min
Delta R.T.: -0.007 min
Response: 535964
Conc: 532.64 ng/ml



#33 AR-1260-3

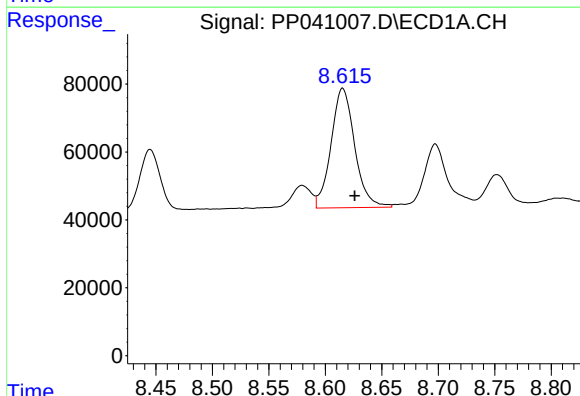
R.T.: 8.386 min
Delta R.T.: -0.010 min
Response: 415161
Conc: 470.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



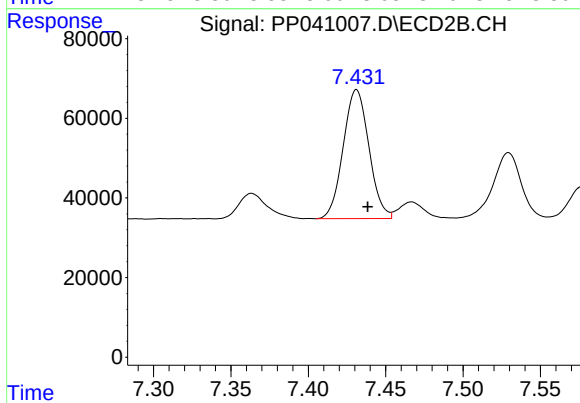
#33 AR-1260-3

R.T.: 6.949 min
Delta R.T.: -0.007 min
Response: 491224
Conc: 520.42 ng/ml



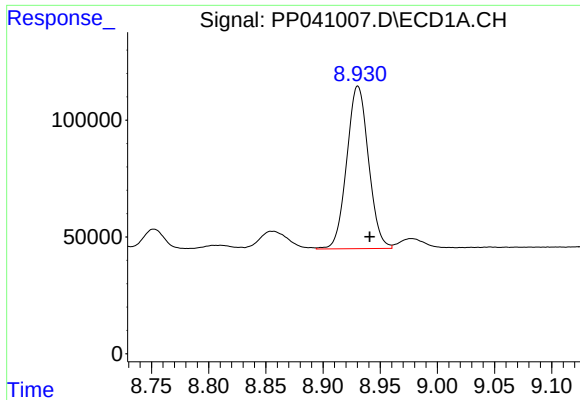
#34 AR-1260-4

R.T.: 8.615 min
Delta R.T.: -0.011 min
Response: 512908
Conc: 485.44 ng/ml



#34 AR-1260-4

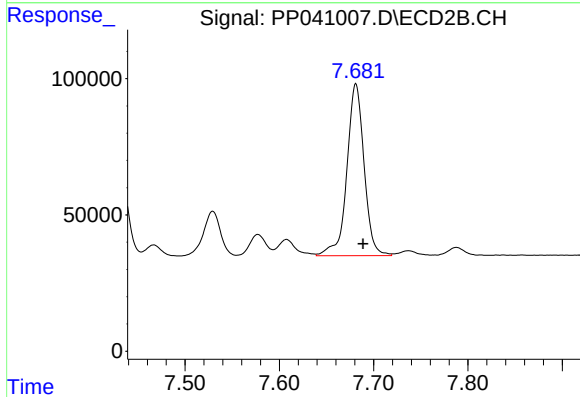
R.T.: 7.431 min
Delta R.T.: -0.007 min
Response: 375466
Conc: 478.21 ng/ml



#35 AR-1260-5

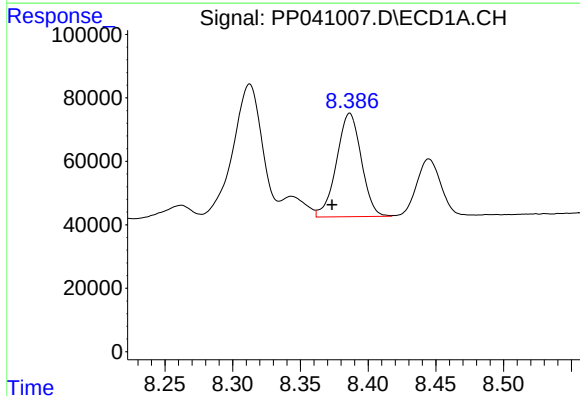
R.T.: 8.931 min
Delta R.T.: -0.011 min
Response: 923396
Conc: 442.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



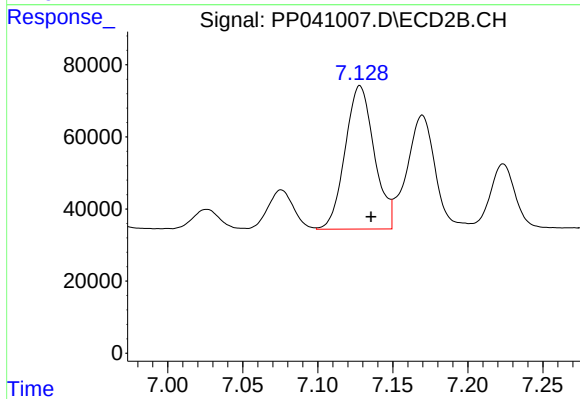
#35 AR-1260-5

R.T.: 7.681 min
Delta R.T.: -0.008 min
Response: 800411
Conc: 450.54 ng/ml



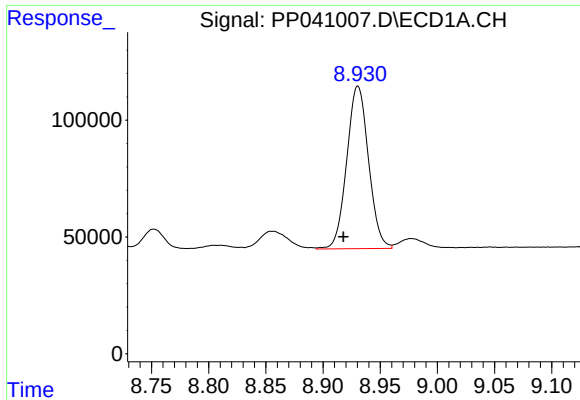
#36 AR-1262-1

R.T.: 8.386 min
Delta R.T.: 0.013 min
Response: 415161
Conc: 331.33 ng/ml



#36 AR-1262-1

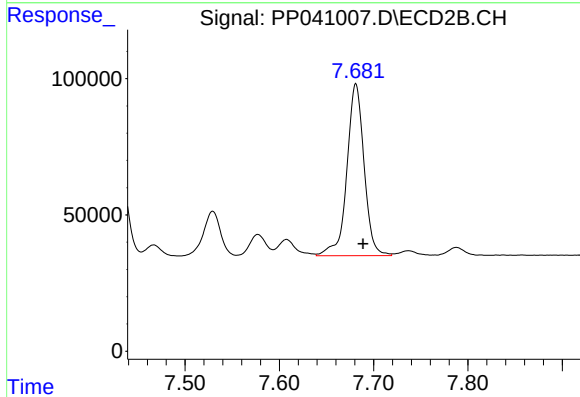
R.T.: 7.128 min
Delta R.T.: -0.007 min
Response: 538229
Conc: 933.99 ng/ml



#37 AR-1262-2

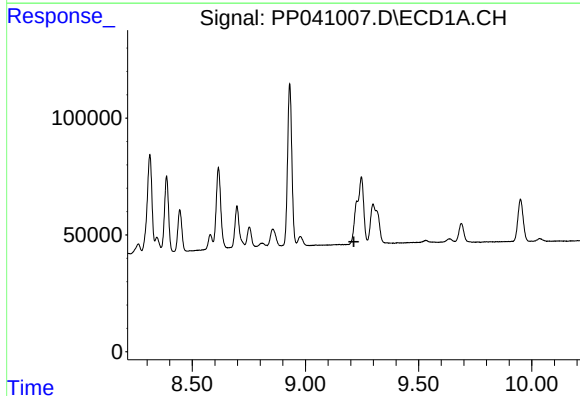
R.T.: 8.931 min
Delta R.T.: 0.013 min
Response: 923396
Conc: 406.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



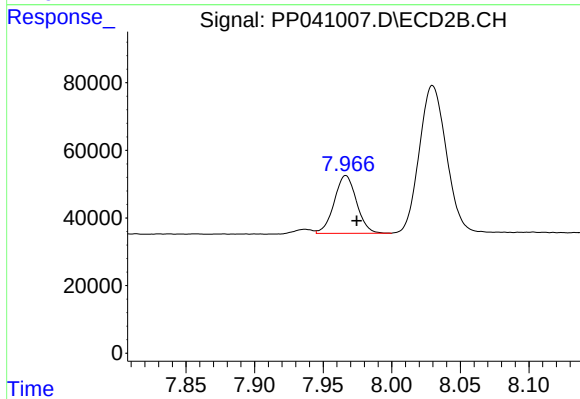
#37 AR-1262-2

R.T.: 7.681 min
Delta R.T.: -0.008 min
Response: 800411
Conc: 449.52 ng/ml



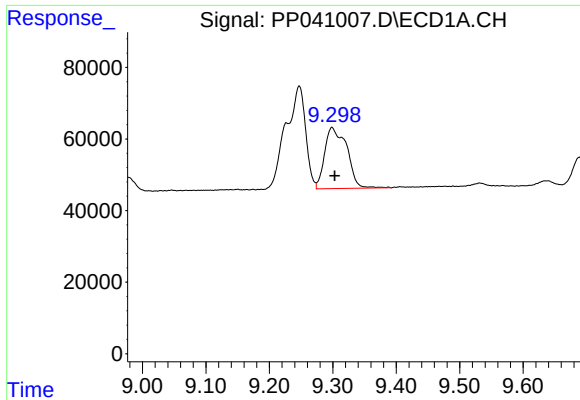
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.214 min
Response: 0
Conc: N.D.



#38 AR-1262-3

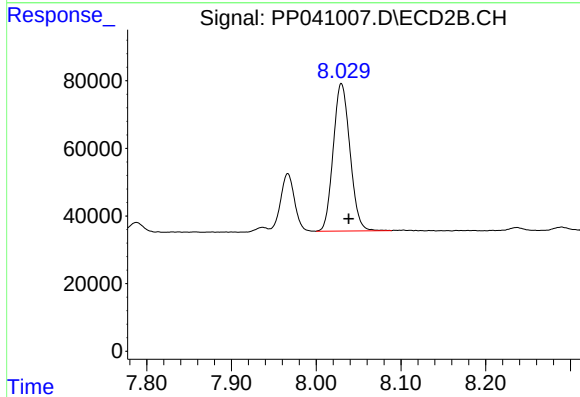
R.T.: 7.966 min
Delta R.T.: -0.008 min
Response: 194049
Conc: 250.27 ng/ml



#39 AR-1262-4

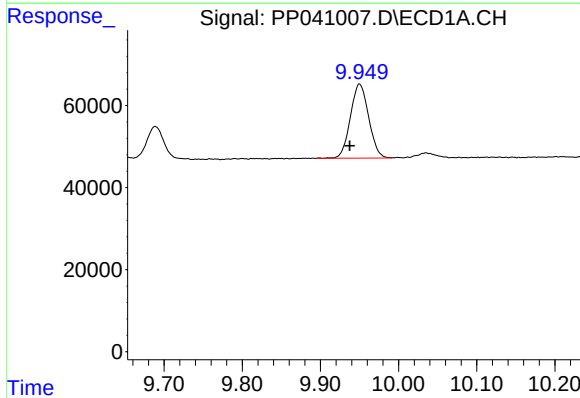
R.T.: 9.299 min
Delta R.T.: -0.004 min
Response: 414868
Conc: 707.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



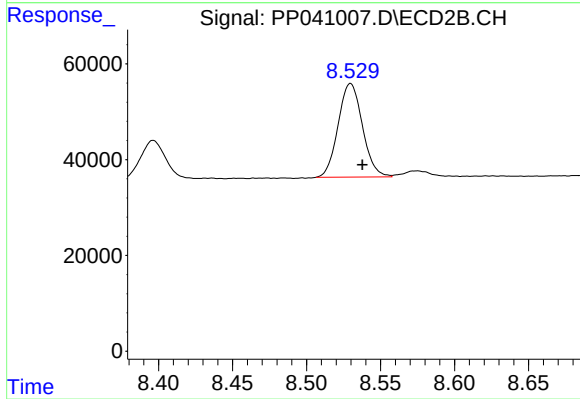
#39 AR-1262-4

R.T.: 8.030 min
Delta R.T.: -0.009 min
Response: 598745
Conc: 427.21 ng/ml



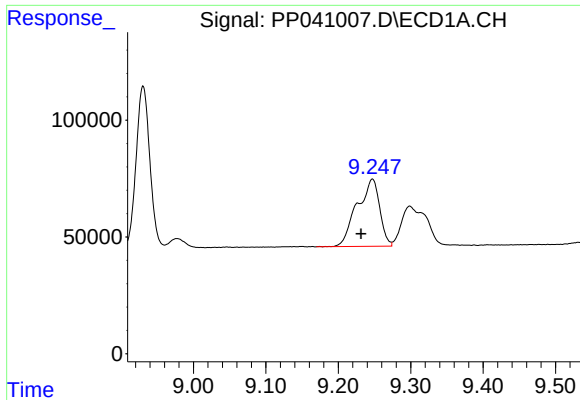
#40 AR-1262-5

R.T.: 9.950 min
Delta R.T.: 0.012 min
Response: 294562
Conc: 323.48 ng/ml



#40 AR-1262-5

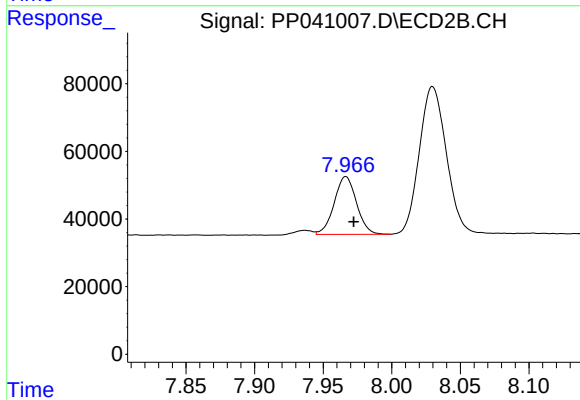
R.T.: 8.530 min
Delta R.T.: -0.008 min
Response: 223657
Conc: 322.08 ng/ml



#41 AR-1268-1

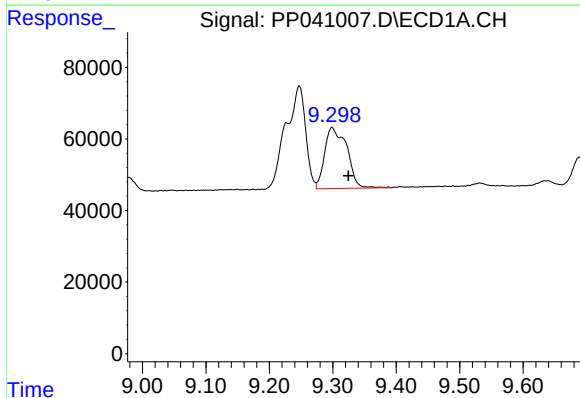
R.T.: 9.247 min
Delta R.T.: 0.016 min
Response: 624715
Conc: 229.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



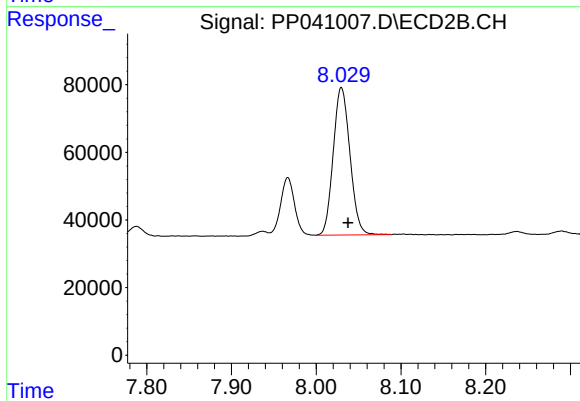
#41 AR-1268-1

R.T.: 7.966 min
Delta R.T.: -0.006 min
Response: 194049
Conc: 90.50 ng/ml



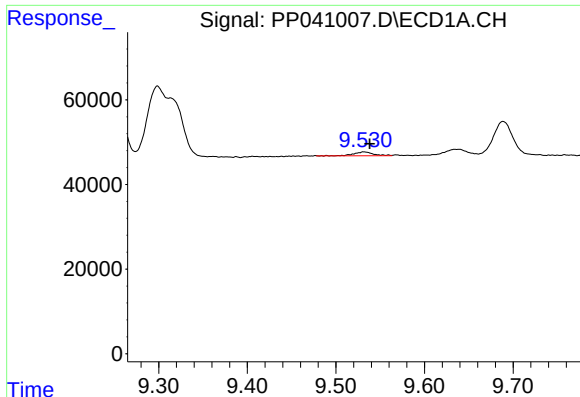
#42 AR-1268-2

R.T.: 9.299 min
Delta R.T.: -0.026 min
Response: 414868
Conc: 158.47 ng/ml



#42 AR-1268-2

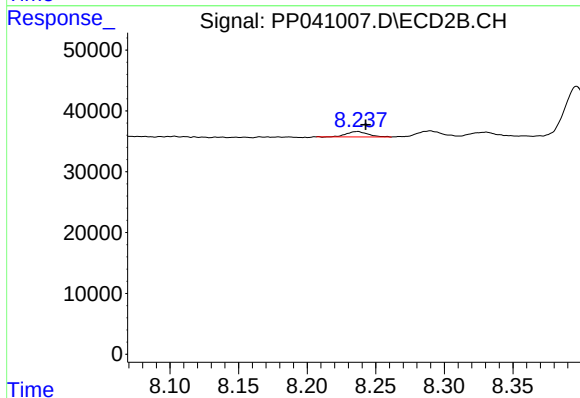
R.T.: 8.030 min
Delta R.T.: -0.008 min
Response: 598745
Conc: 300.39 ng/ml



#43 AR-1268-3

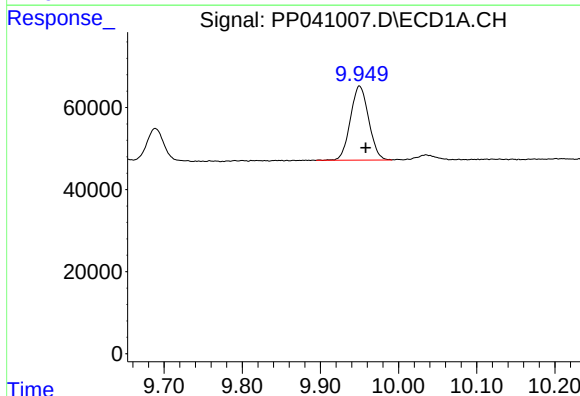
R.T.: 9.532 min
Delta R.T.: -0.007 min
Response: 14144
Conc: 6.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



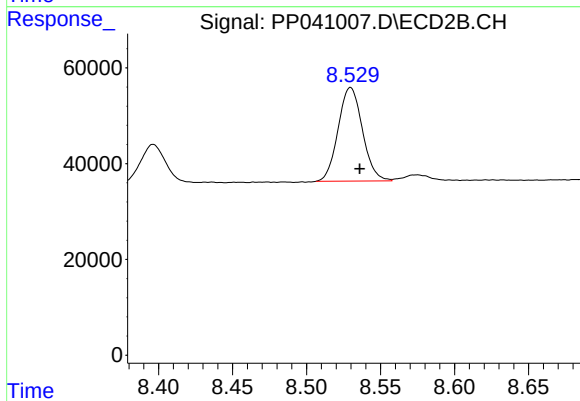
#43 AR-1268-3

R.T.: 8.237 min
Delta R.T.: -0.006 min
Response: 9586
Conc: 5.49 ng/ml



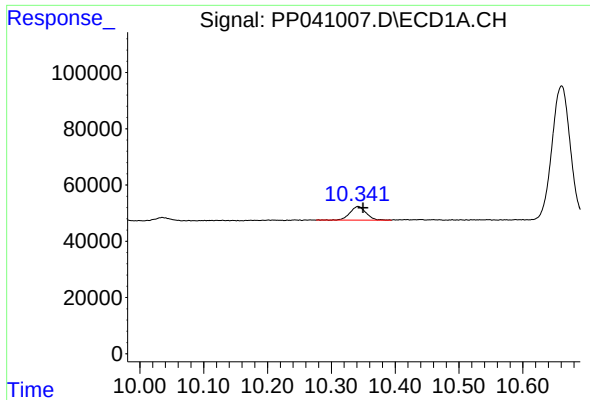
#44 AR-1268-4

R.T.: 9.950 min
Delta R.T.: -0.008 min
Response: 294562
Conc: 289.90 ng/ml



#44 AR-1268-4

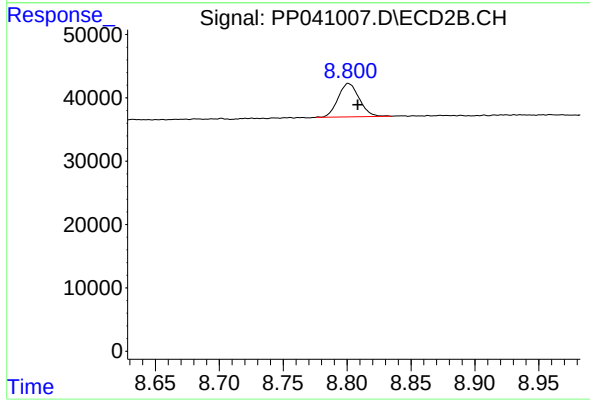
R.T.: 8.530 min
Delta R.T.: -0.006 min
Response: 223657
Conc: 291.40 ng/ml



#45 AR-1268-5

R.T.: 10.342 min
Delta R.T.: -0.008 min
Response: 84907
Conc: 11.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.801 min
Delta R.T.: -0.007 min
Response: 60758
Conc: 11.26 ng/ml