

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110123\
 Data File : PP061431.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Nov 2023 10:44
 Operator : YP\AJ
 Sample : 05159-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 18:13:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 27 18:44:48 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.571	3.696	49327949	30508169	19.969	20.414
2)	SA Decachlor...	10.563f	8.772	32900940	25495189	17.448	16.602
Target Compounds							
3)	L1 AR-1016-1	5.766	4.796	89222063	53562632	1096.381	1034.939
4)	L1 AR-1016-2	5.766	4.815	89222063	84260809	767.261	1191.382 #
5)	L1 AR-1016-3	5.863f	4.993	15961013	16898038	225.704	428.322 #
6)	L1 AR-1016-4	5.953	5.036	26134579	48929276	447.729	1555.458 #
7)	L1 AR-1016-5	6.253	5.251	23664975	16619215	412.213	395.335
8)	L2 AR-1221-1	4.779	3.912	1121948	992360	37.772	50.750 #
9)	L2 AR-1221-2	4.872	3.999	14838010	10183591	666.273	715.135
10)	L2 AR-1221-3	4.951	4.076	13387919	9078792	206.622	223.665
11)	L3 AR-1232-1	4.951	4.076	13387919	9078792	250.829	268.855
12)	L3 AR-1232-2	5.493	4.815	60460558	84260809	2043.573	2636.408 #
13)	L3 AR-1232-3	5.790	4.993	158.9E6	16898038	3187.007	958.345 #
14)	L3 AR-1232-4	5.953	5.077	26134579	50474992	1036.106	3165.867 #
15)	L3 AR-1232-5	6.044	5.251	86487631	16619215	4004.859	920.448 #
16)	L4 AR-1242-1	5.766	4.796	89222063	53562632	1363.911	1266.806
17)	L4 AR-1242-2	5.790	4.815	158.9E6	84260809	1714.595	1482.147
18)	L4 AR-1242-3	5.863f	4.993	15961013	16898038	279.640	526.505 #
19)	L4 AR-1242-4	5.953	5.077	26134579	50474992	537.601	1569.377 #
20)	L4 AR-1242-5	6.702	5.607	19052323	16295546	368.333	410.522
21)	L5 AR-1248-1	5.766	4.796	89222063	53562632	1828.303	1723.548
22)	L5 AR-1248-2	6.044	5.036	86487631	48929276	1147.682	1121.703
23)	L5 AR-1248-3	6.253	5.077	23664975	50474992	283.762	1086.045 #
24)	L5 AR-1248-4	6.636	5.251	19511214	16619215	221.336	298.248 #
25)	L5 AR-1248-5	6.702	5.648	19052323	11349821	224.691	218.131
26)	L6 AR-1254-1	6.636f	5.607	19511214	16295546	220.306	206.788
27)	L6 AR-1254-2	6.858f	5.756	27290002	12690326	204.608	181.700
28)	L6 AR-1254-3	7.229f	6.164	19457135	17739993	140.685	156.371
29)	L6 AR-1254-4	7.519f	6.394	14577666	10215306	146.438	146.978
30)	L6 AR-1254-5	7.942f	6.815	16811469	13813916	152.759	130.554
31)	L7 AR-1260-1	7.396	6.295	10478630	11003494	93.149	135.237 #
32)	L7 AR-1260-2	7.655	6.484	11959849	8825924	92.446	90.494
33)	L7 AR-1260-3	8.018	6.639	5276788	7868560	62.130	85.021 #
34)	L7 AR-1260-4	8.244	7.115	8469086	3073371	83.786	41.915 #
35)	L7 AR-1260-5	8.594	7.357	9606073	7286222	49.597	42.669
36)	L8 AR-1262-1	8.018f	6.907	5276788	1719677	39.684	38.154
37)	L8 AR-1262-2	8.594f	7.115	9606073	3073371	41.101	30.704 #
38)	L8 AR-1262-3	0.000	7.644	0	2070607	N.D.	26.018 #
39)	L8 AR-1262-4	9.021f	7.707	4839539	6725771	40.171	46.553
40)	L8 AR-1262-5	9.738f	8.209	2743058	2460276	33.738	35.593
41)	L9 AR-1268-1	0.000	7.644	0	2070607	N.D.	8.893 #

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 Operator : YP\AJ
 Sample : 05159-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

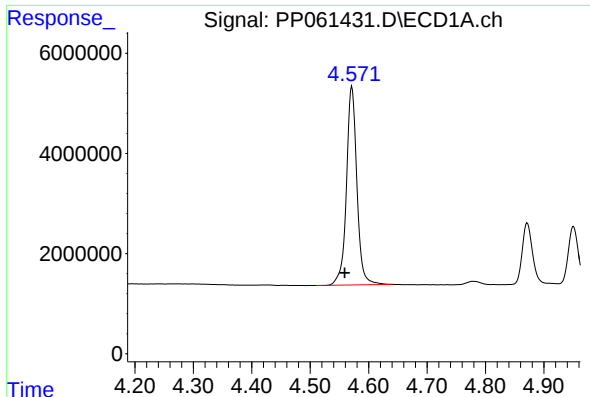
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 18:13:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.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	9.021f	7.707	4839539	6725771	18.506	32.048 #
43) L9	AR-1268-3	0.000	7.917	0	370850	N.D.	2.018 #
44) L9	AR-1268-4	0.000	8.209	0	2460276	N.D.	31.828 #
45) L9	AR-1268-5	0.000	8.509	0	995563	N.D.	1.755 #

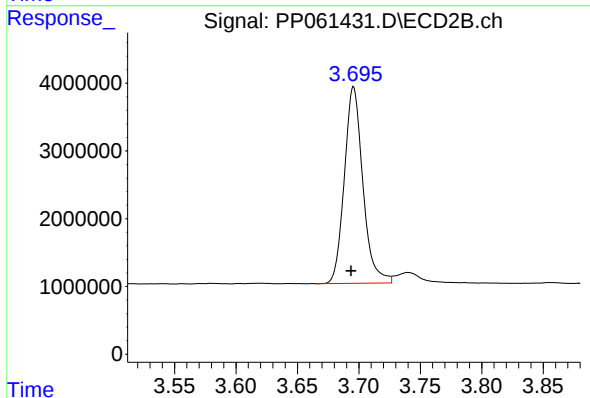
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

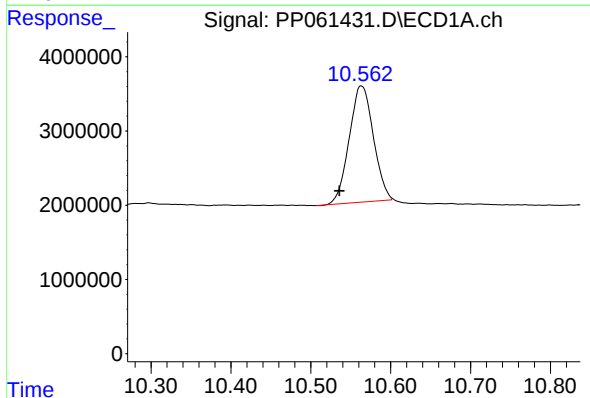
R.T.: 4.571 min
Delta R.T.: 0.012 min
Response: 49327949
Conc: 19.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



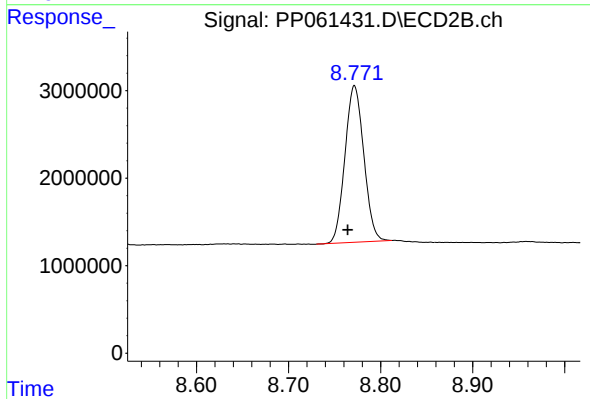
#1 Tetrachloro-m-xylene

R.T.: 3.696 min
Delta R.T.: 0.002 min
Response: 30508169
Conc: 20.41 ng/ml



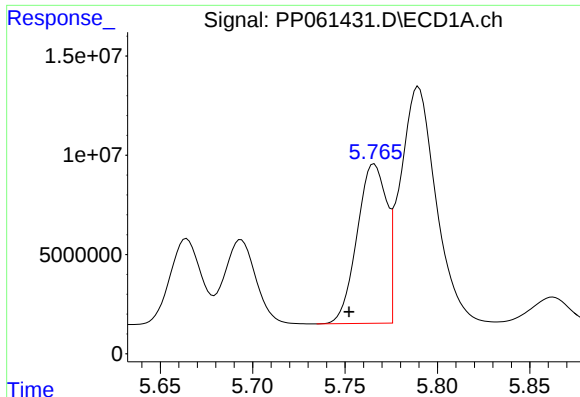
#2 Decachlorobiphenyl

R.T.: 10.563 min
Delta R.T.: 0.027 min
Response: 32900940
Conc: 17.45 ng/ml



#2 Decachlorobiphenyl

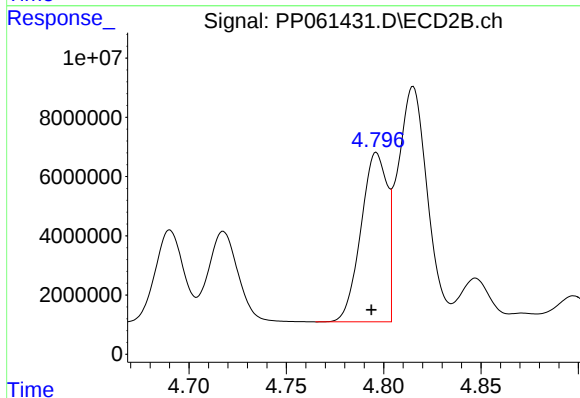
R.T.: 8.772 min
Delta R.T.: 0.007 min
Response: 25495189
Conc: 16.60 ng/ml



#3 AR-1016-1

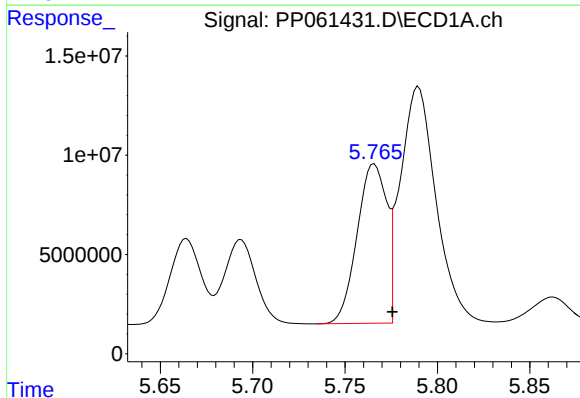
R.T.: 5.766 min
Delta R.T.: 0.014 min
Response: 89222063
Conc: 1096.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



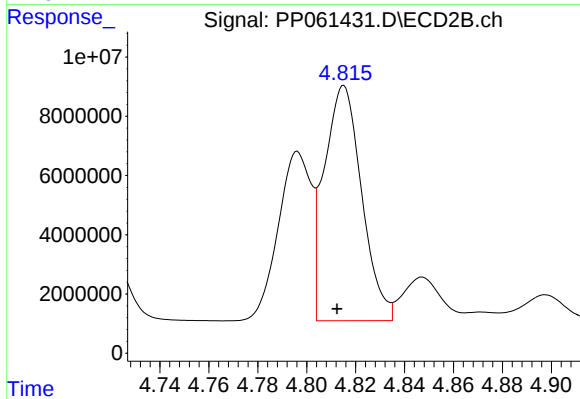
#3 AR-1016-1

R.T.: 4.796 min
Delta R.T.: 0.003 min
Response: 53562632
Conc: 1034.94 ng/ml



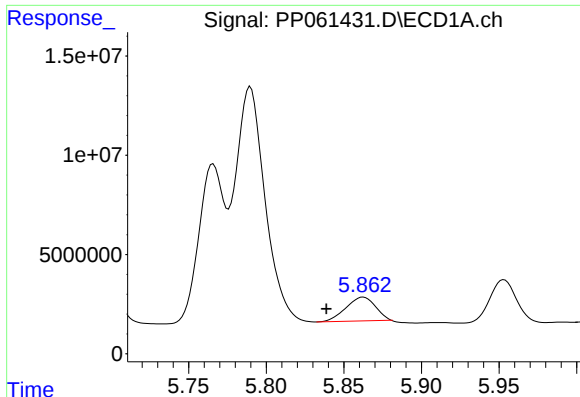
#4 AR-1016-2

R.T.: 5.766 min
Delta R.T.: -0.010 min
Response: 89222063
Conc: 767.26 ng/ml



#4 AR-1016-2

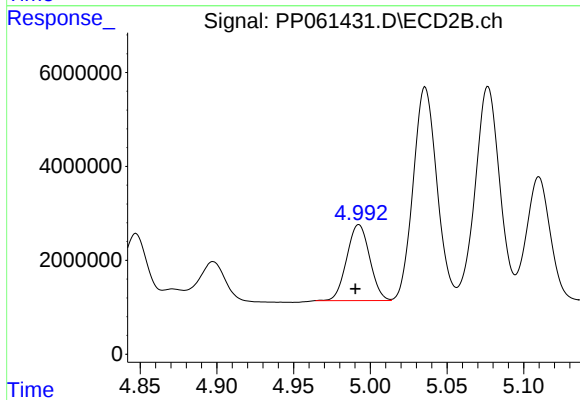
R.T.: 4.815 min
Delta R.T.: 0.003 min
Response: 84260809
Conc: 1191.38 ng/ml



#5 AR-1016-3

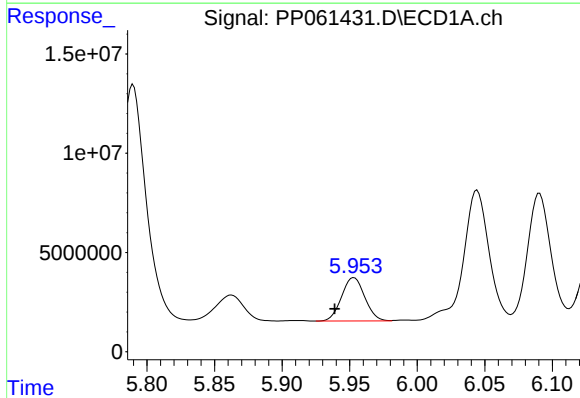
R.T.: 5.863 min
Delta R.T.: 0.024 min
Response: 15961013
Conc: 225.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



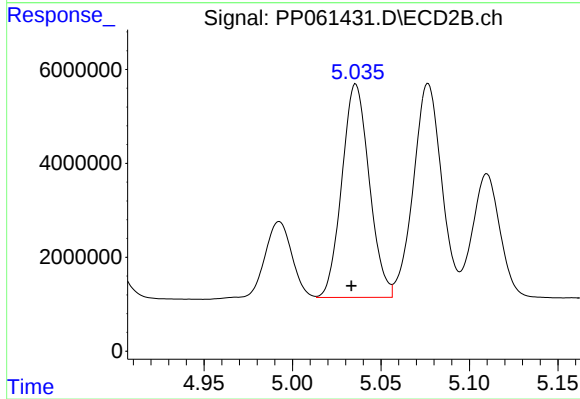
#5 AR-1016-3

R.T.: 4.993 min
Delta R.T.: 0.002 min
Response: 16898038
Conc: 428.32 ng/ml



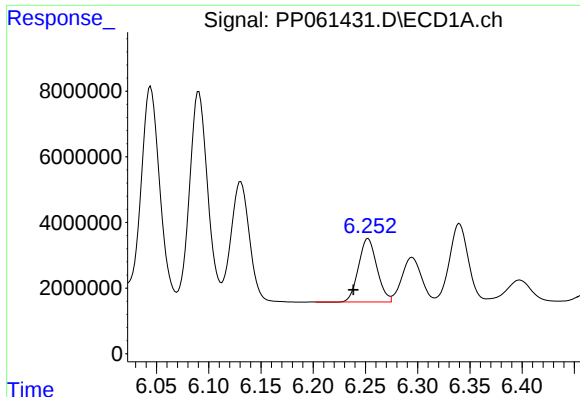
#6 AR-1016-4

R.T.: 5.953 min
Delta R.T.: 0.014 min
Response: 26134579
Conc: 447.73 ng/ml



#6 AR-1016-4

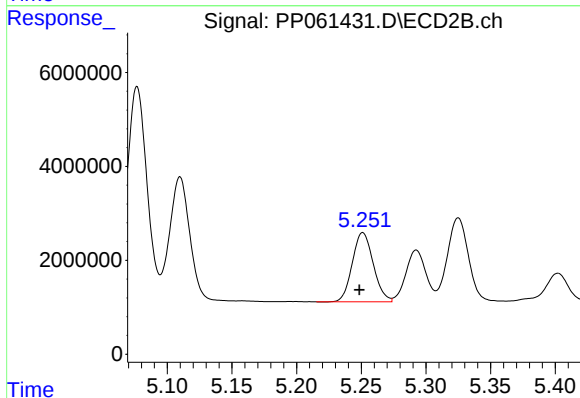
R.T.: 5.036 min
Delta R.T.: 0.002 min
Response: 48929276
Conc: 1555.46 ng/ml



#7 AR-1016-5

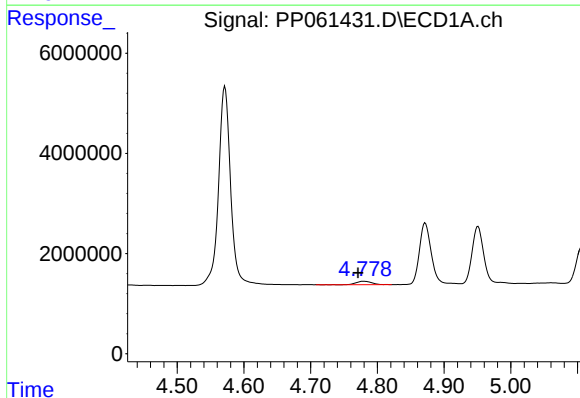
R.T.: 6.253 min
Delta R.T.: 0.014 min
Response: 23664975
Conc: 412.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



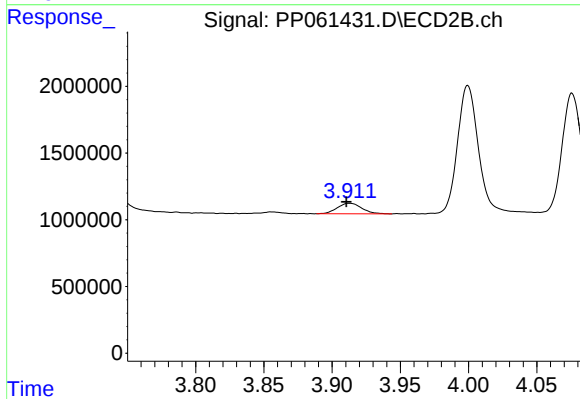
#7 AR-1016-5

R.T.: 5.251 min
Delta R.T.: 0.003 min
Response: 16619215
Conc: 395.33 ng/ml



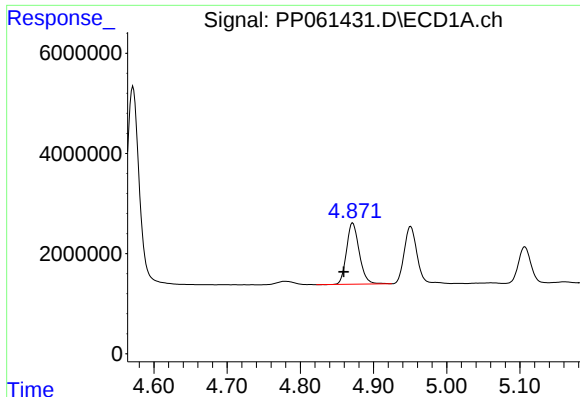
#8 AR-1221-1

R.T.: 4.779 min
Delta R.T.: 0.008 min
Response: 1121948
Conc: 37.77 ng/ml



#8 AR-1221-1

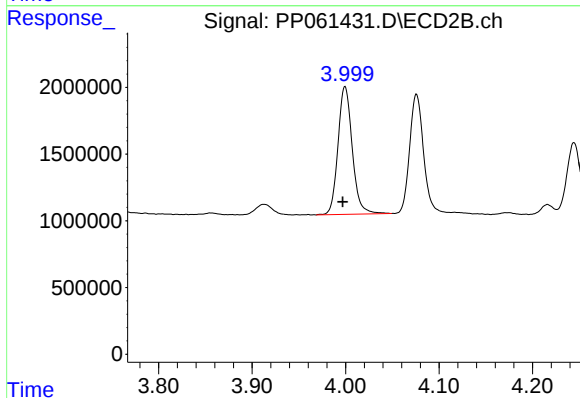
R.T.: 3.912 min
Delta R.T.: 0.002 min
Response: 992360
Conc: 50.75 ng/ml



#9 AR-1221-2

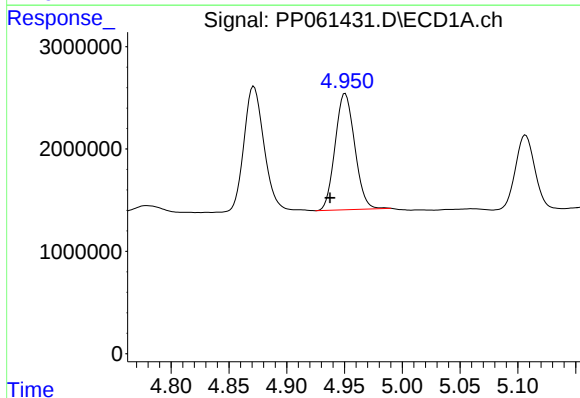
R.T.: 4.872 min
Delta R.T.: 0.012 min
Response: 14838010
Conc: 666.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



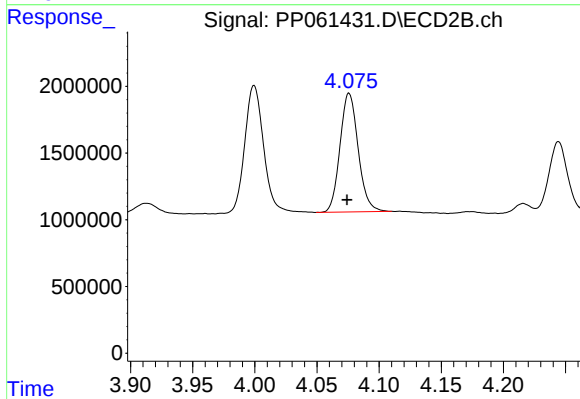
#9 AR-1221-2

R.T.: 3.999 min
Delta R.T.: 0.002 min
Response: 10183591
Conc: 715.13 ng/ml



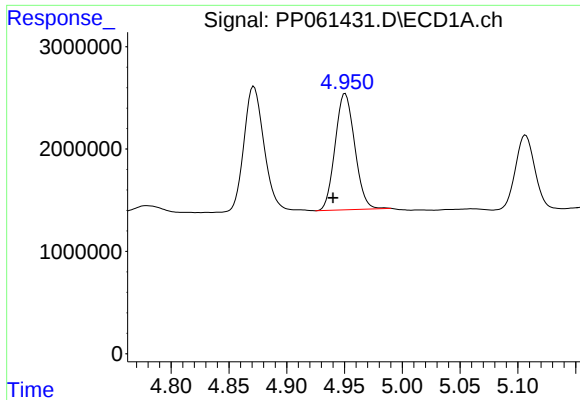
#10 AR-1221-3

R.T.: 4.951 min
Delta R.T.: 0.013 min
Response: 13387919
Conc: 206.62 ng/ml



#10 AR-1221-3

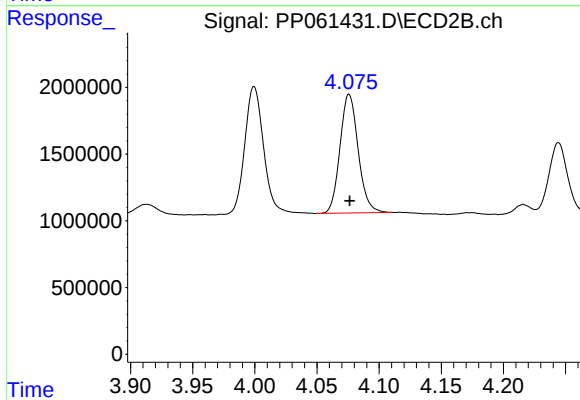
R.T.: 4.076 min
Delta R.T.: 0.002 min
Response: 9078792
Conc: 223.67 ng/ml



#11 AR-1232-1

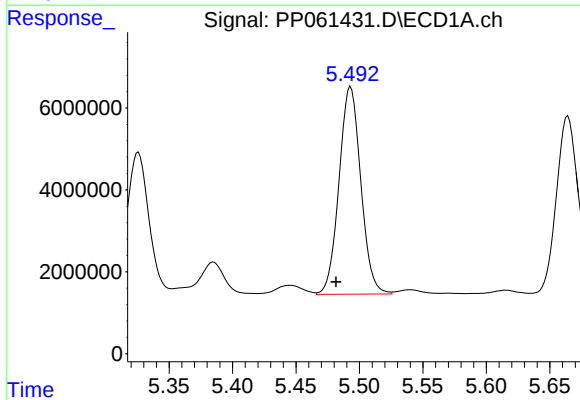
R.T.: 4.951 min
Delta R.T.: 0.011 min
Response: 13387919
Conc: 250.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



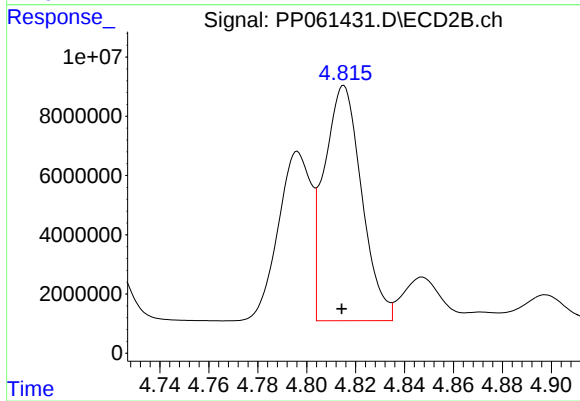
#11 AR-1232-1

R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 9078792
Conc: 268.85 ng/ml



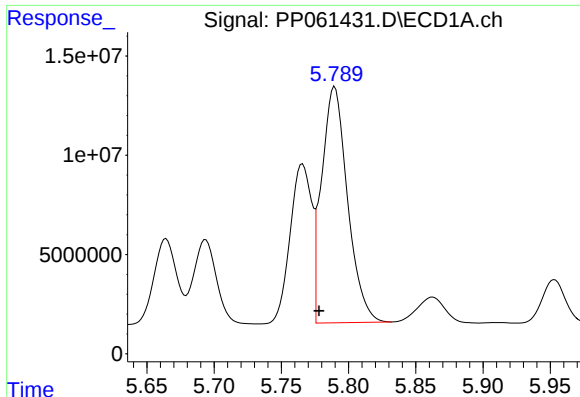
#12 AR-1232-2

R.T.: 5.493 min
Delta R.T.: 0.012 min
Response: 60460558
Conc: 2043.57 ng/ml



#12 AR-1232-2

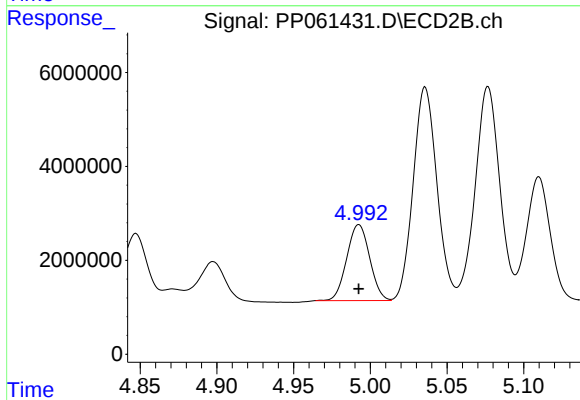
R.T.: 4.815 min
Delta R.T.: 0.000 min
Response: 84260809
Conc: 2636.41 ng/ml



#13 AR-1232-3

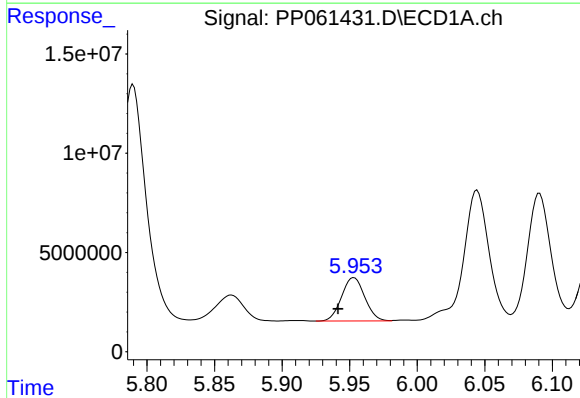
R.T.: 5.790 min
Delta R.T.: 0.012 min
Response: 158888359
Conc: 3187.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



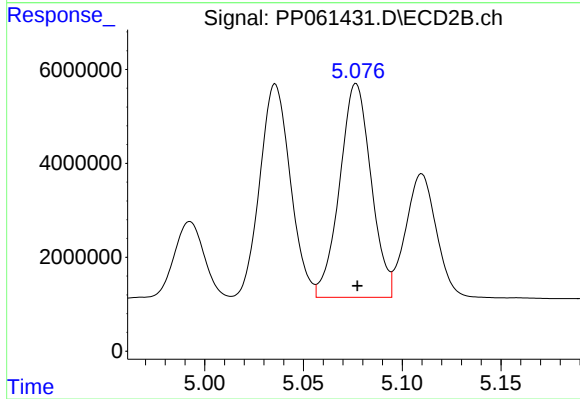
#13 AR-1232-3

R.T.: 4.993 min
Delta R.T.: 0.000 min
Response: 16898038
Conc: 958.34 ng/ml



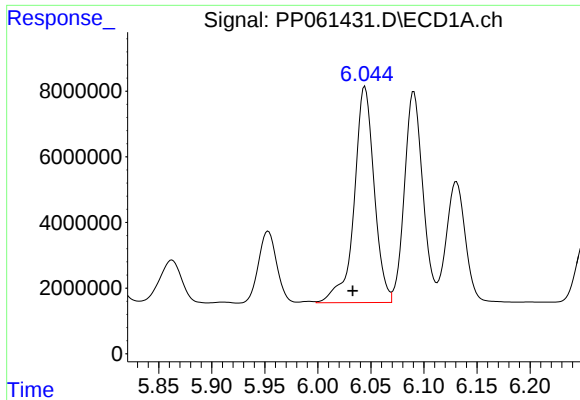
#14 AR-1232-4

R.T.: 5.953 min
Delta R.T.: 0.012 min
Response: 26134579
Conc: 1036.11 ng/ml



#14 AR-1232-4

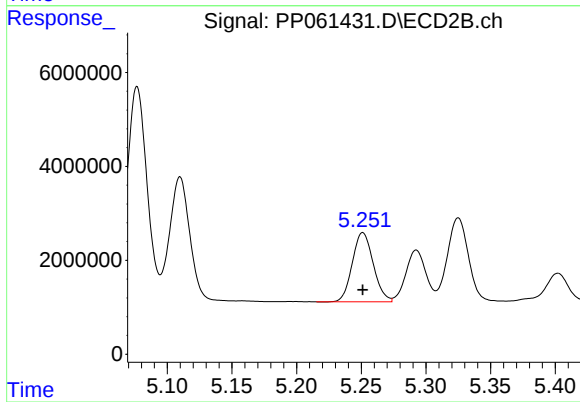
R.T.: 5.077 min
Delta R.T.: 0.000 min
Response: 50474992
Conc: 3165.87 ng/ml



#15 AR-1232-5

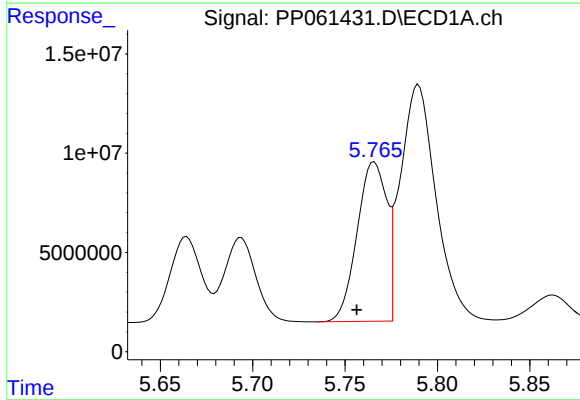
R.T.: 6.044 min
Delta R.T.: 0.011 min
Response: 86487631
Conc: 4004.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



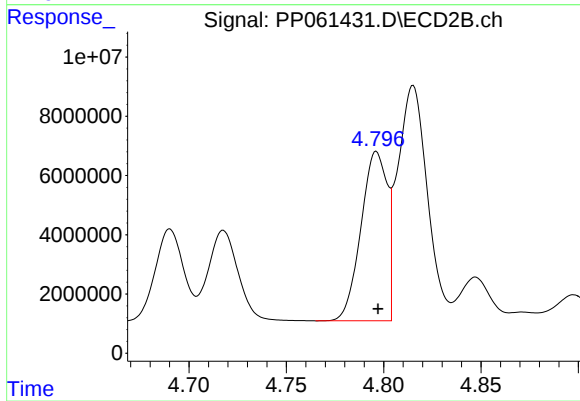
#15 AR-1232-5

R.T.: 5.251 min
Delta R.T.: 0.000 min
Response: 16619215
Conc: 920.45 ng/ml



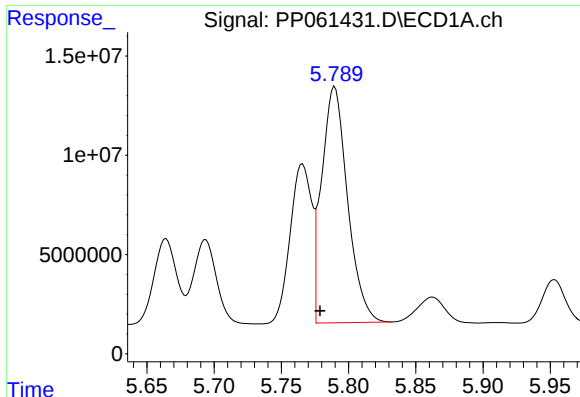
#16 AR-1242-1

R.T.: 5.766 min
Delta R.T.: 0.010 min
Response: 89222063
Conc: 1363.91 ng/ml



#16 AR-1242-1

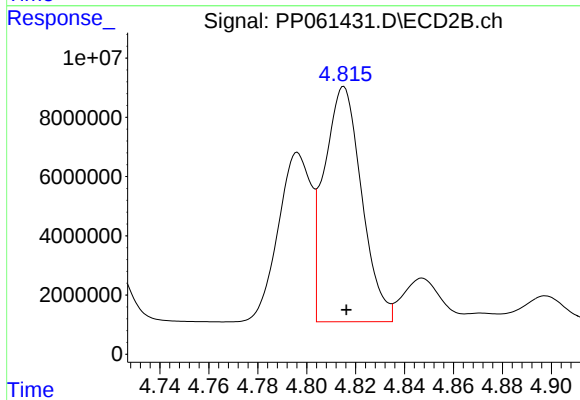
R.T.: 4.796 min
Delta R.T.: 0.000 min
Response: 53562632
Conc: 1266.81 ng/ml



#17 AR-1242-2

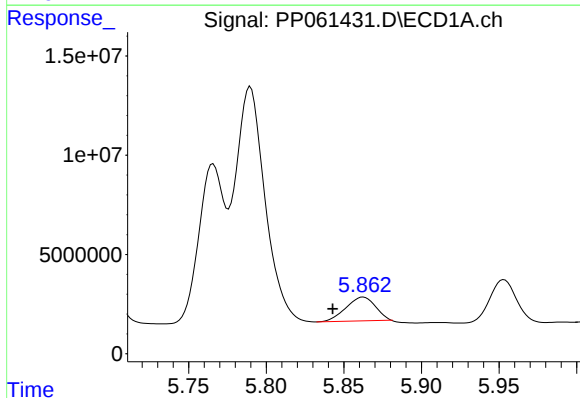
R.T.: 5.790 min
Delta R.T.: 0.011 min
Response: 158888359
Conc: 1714.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



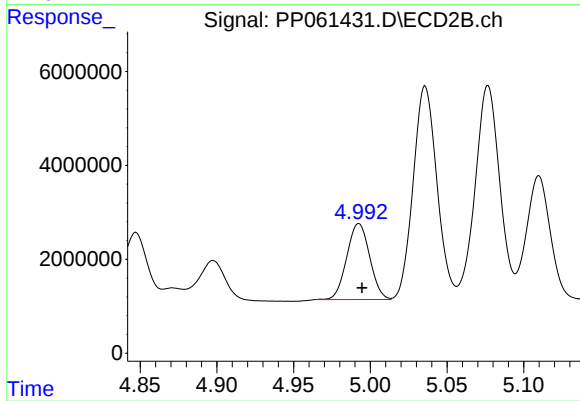
#17 AR-1242-2

R.T.: 4.815 min
Delta R.T.: -0.001 min
Response: 84260809
Conc: 1482.15 ng/ml



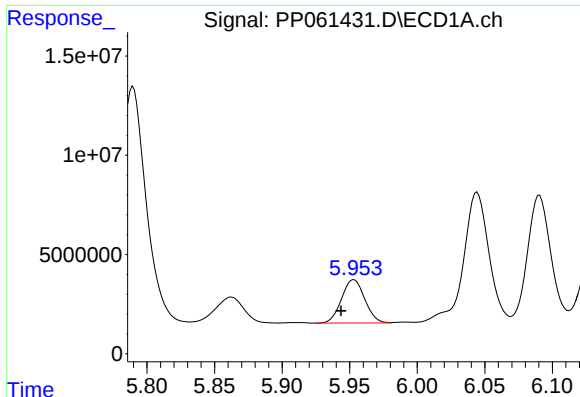
#18 AR-1242-3

R.T.: 5.863 min
Delta R.T.: 0.020 min
Response: 15961013
Conc: 279.64 ng/ml



#18 AR-1242-3

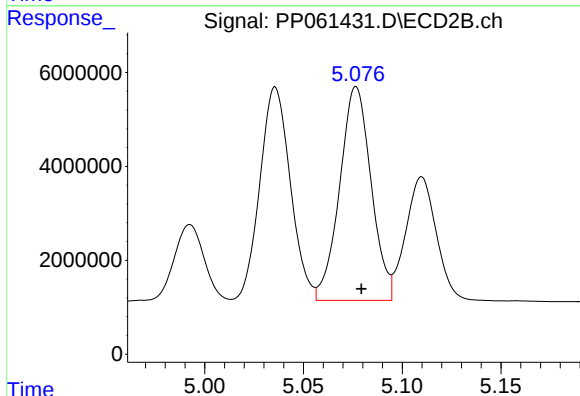
R.T.: 4.993 min
Delta R.T.: -0.002 min
Response: 16898038
Conc: 526.50 ng/ml



#19 AR-1242-4

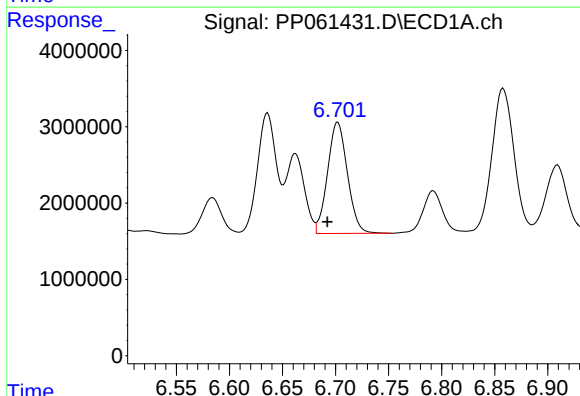
R.T.: 5.953 min
Delta R.T.: 0.010 min
Response: 26134579
Conc: 537.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



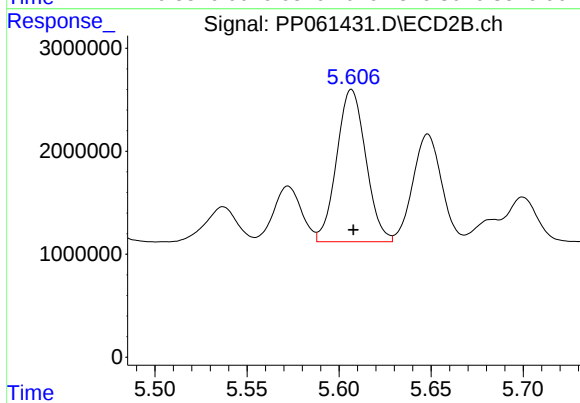
#19 AR-1242-4

R.T.: 5.077 min
Delta R.T.: -0.003 min
Response: 50474992
Conc: 1569.38 ng/ml



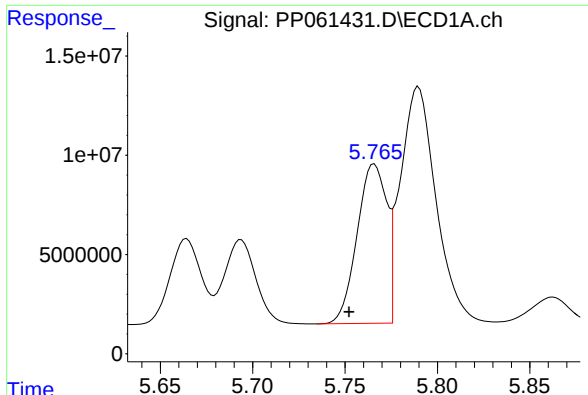
#20 AR-1242-5

R.T.: 6.702 min
Delta R.T.: 0.010 min
Response: 19052323
Conc: 368.33 ng/ml



#20 AR-1242-5

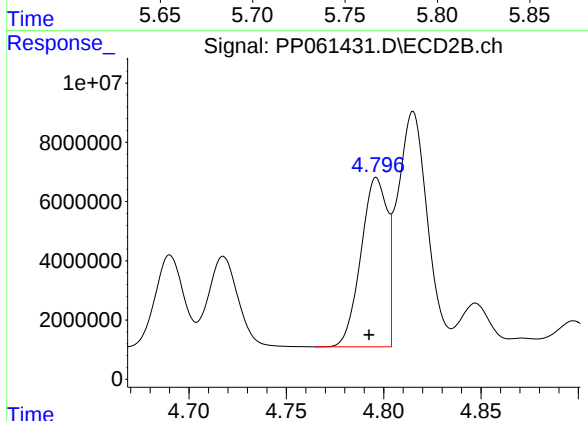
R.T.: 5.607 min
Delta R.T.: -0.001 min
Response: 16295546
Conc: 410.52 ng/ml



#21 AR-1248-1

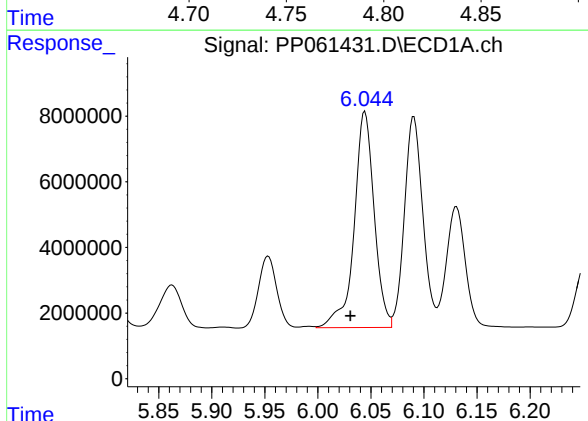
R.T.: 5.766 min
Delta R.T.: 0.014 min
Response: 89222063
Conc: 1828.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



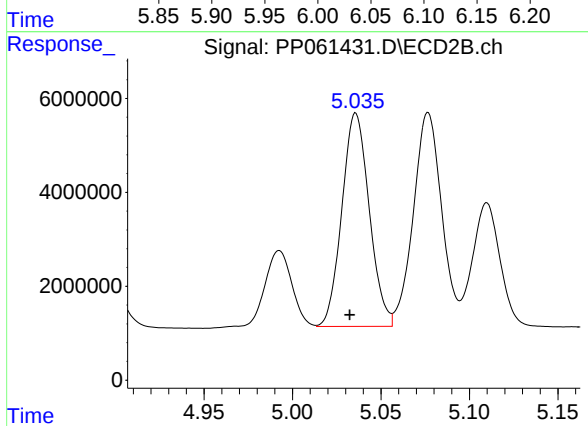
#21 AR-1248-1

R.T.: 4.796 min
Delta R.T.: 0.004 min
Response: 53562632
Conc: 1723.55 ng/ml



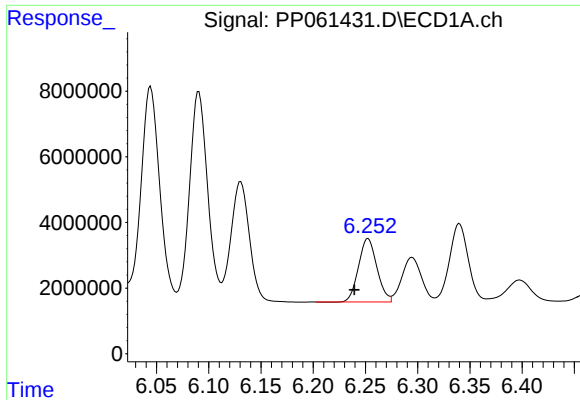
#22 AR-1248-2

R.T.: 6.044 min
Delta R.T.: 0.014 min
Response: 86487631
Conc: 1147.68 ng/ml



#22 AR-1248-2

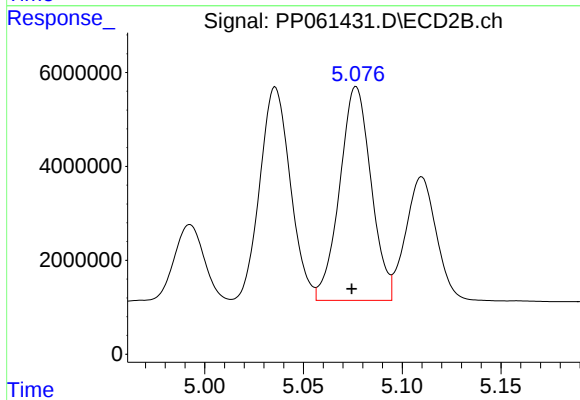
R.T.: 5.036 min
Delta R.T.: 0.003 min
Response: 48929276
Conc: 1121.70 ng/ml



#23 AR-1248-3

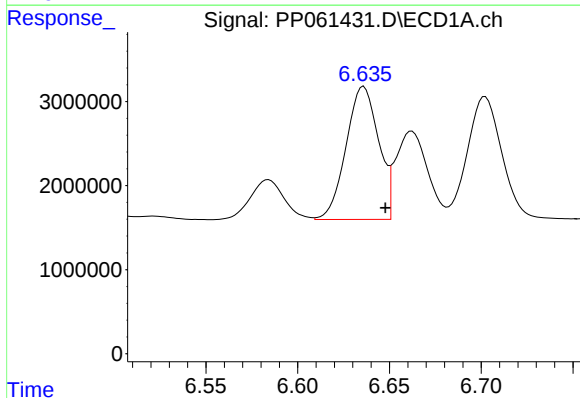
R.T.: 6.253 min
Delta R.T.: 0.013 min
Response: 23664975
Conc: 283.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



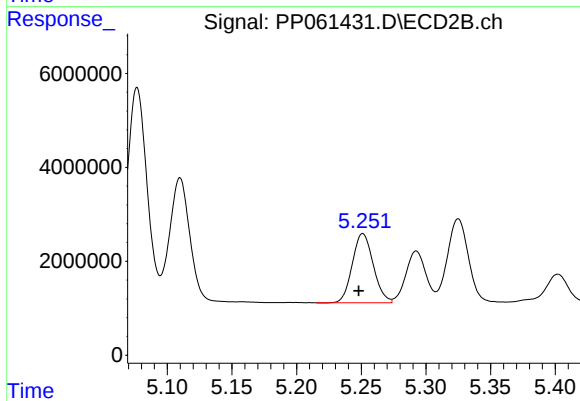
#23 AR-1248-3

R.T.: 5.077 min
Delta R.T.: 0.002 min
Response: 50474992
Conc: 1086.04 ng/ml



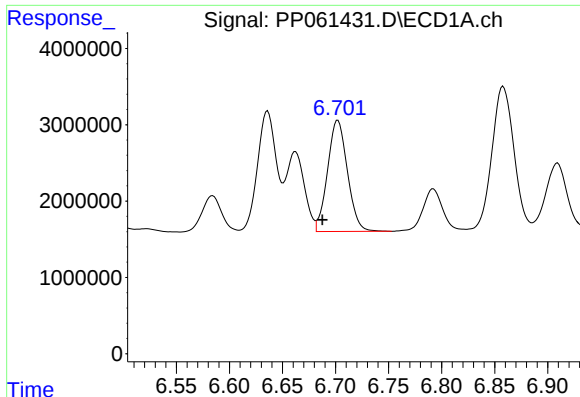
#24 AR-1248-4

R.T.: 6.636 min
Delta R.T.: -0.012 min
Response: 19511214
Conc: 221.34 ng/ml



#24 AR-1248-4

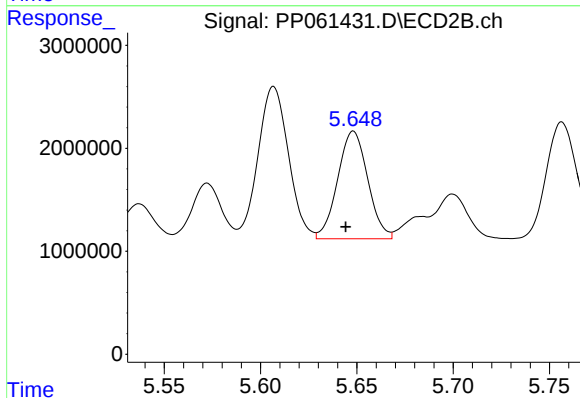
R.T.: 5.251 min
Delta R.T.: 0.003 min
Response: 16619215
Conc: 298.25 ng/ml



#25 AR-1248-5

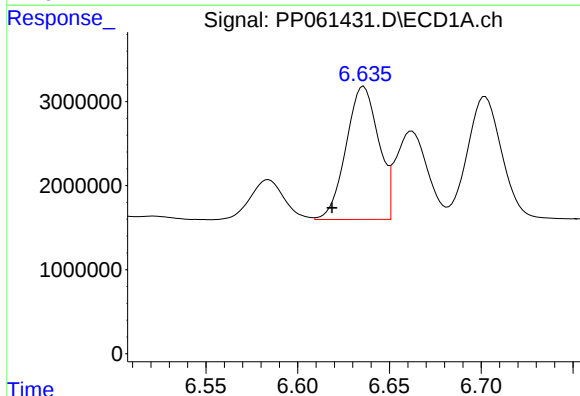
R.T.: 6.702 min
Delta R.T.: 0.015 min
Response: 19052323
Conc: 224.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



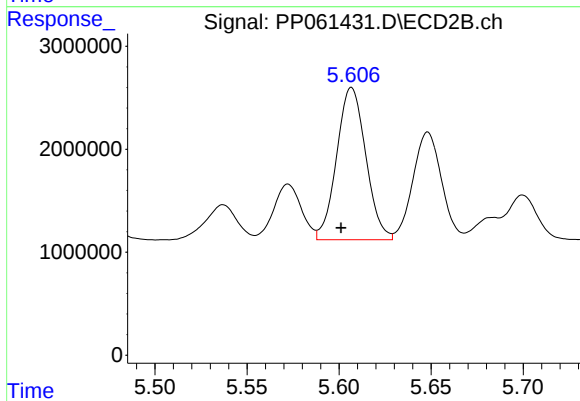
#25 AR-1248-5

R.T.: 5.648 min
Delta R.T.: 0.004 min
Response: 11349821
Conc: 218.13 ng/ml



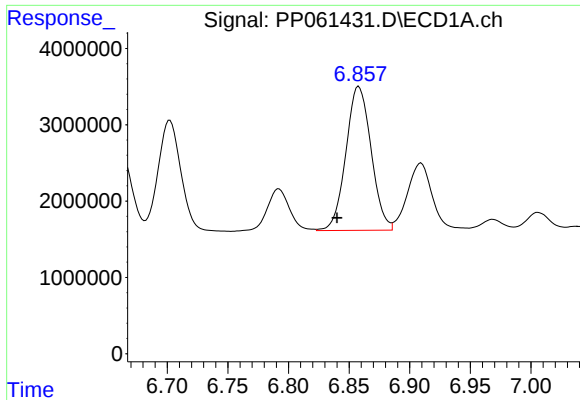
#26 AR-1254-1

R.T.: 6.636 min
Delta R.T.: 0.017 min
Response: 19511214
Conc: 220.31 ng/ml



#26 AR-1254-1

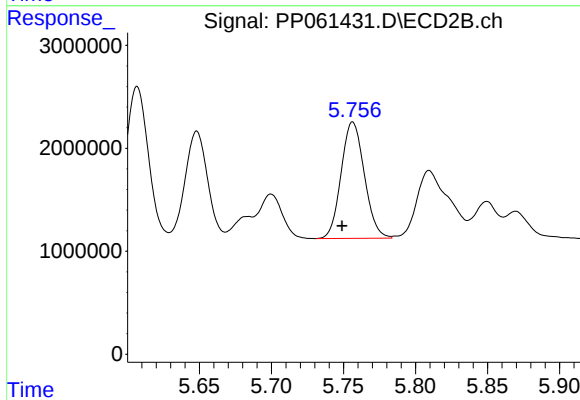
R.T.: 5.607 min
Delta R.T.: 0.006 min
Response: 16295546
Conc: 206.79 ng/ml



#27 AR-1254-2

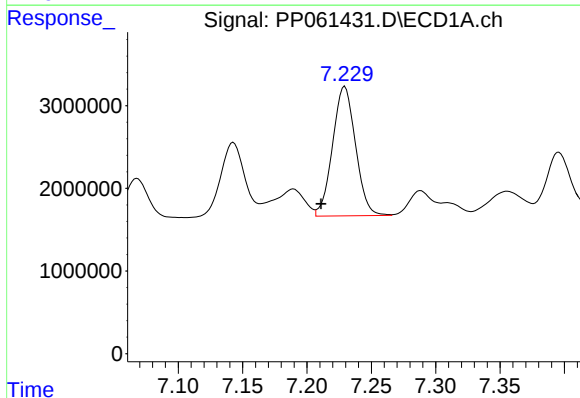
R.T.: 6.858 min
Delta R.T.: 0.018 min
Response: 27290002
Conc: 204.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



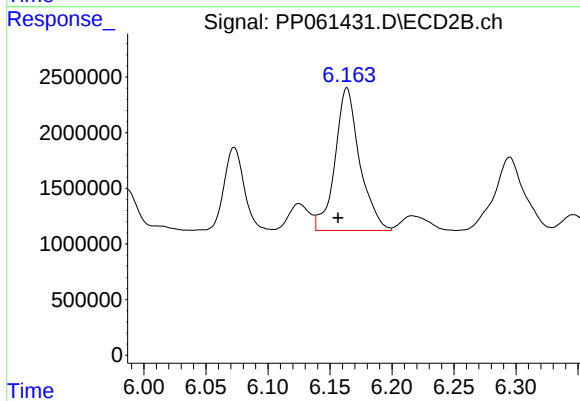
#27 AR-1254-2

R.T.: 5.756 min
Delta R.T.: 0.007 min
Response: 12690326
Conc: 181.70 ng/ml



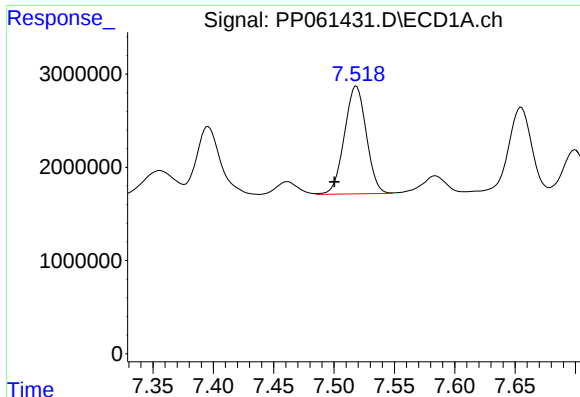
#28 AR-1254-3

R.T.: 7.229 min
Delta R.T.: 0.019 min
Response: 19457135
Conc: 140.68 ng/ml



#28 AR-1254-3

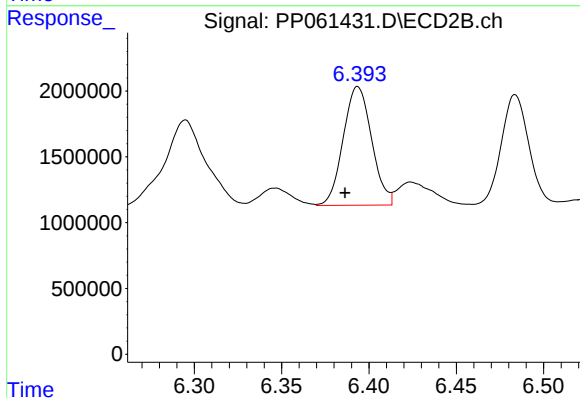
R.T.: 6.164 min
Delta R.T.: 0.007 min
Response: 17739993
Conc: 156.37 ng/ml



#29 AR-1254-4

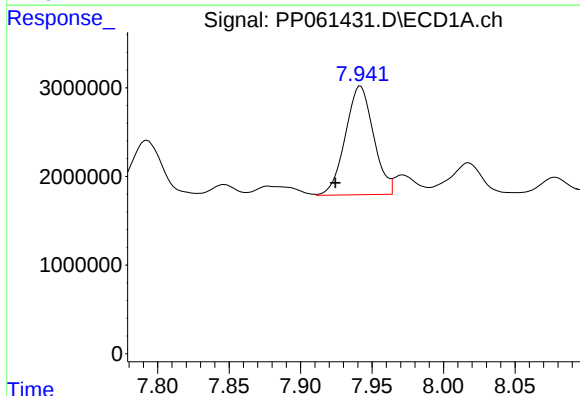
R.T.: 7.519 min
Delta R.T.: 0.018 min
Response: 14577666
Conc: 146.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



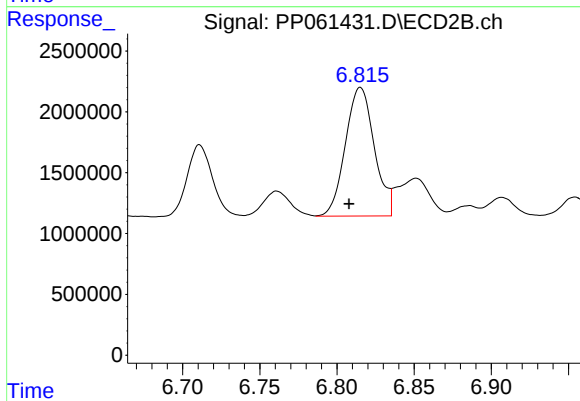
#29 AR-1254-4

R.T.: 6.394 min
Delta R.T.: 0.007 min
Response: 10215306
Conc: 146.98 ng/ml



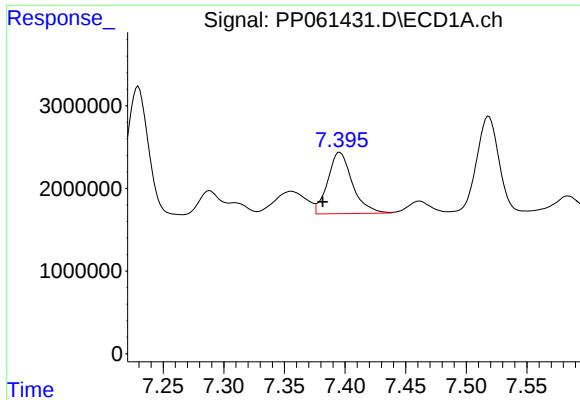
#30 AR-1254-5

R.T.: 7.942 min
Delta R.T.: 0.018 min
Response: 16811469
Conc: 152.76 ng/ml



#30 AR-1254-5

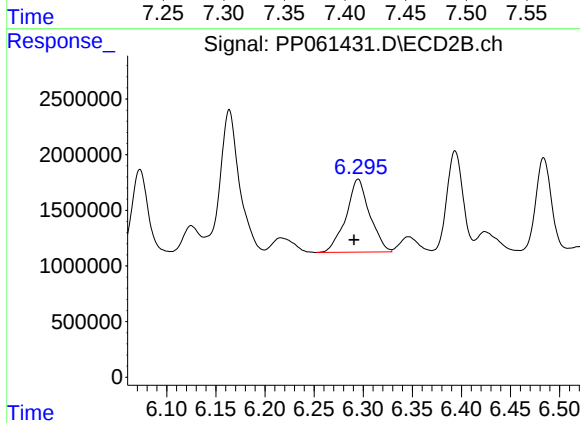
R.T.: 6.815 min
Delta R.T.: 0.007 min
Response: 13813916
Conc: 130.55 ng/ml



#31 AR-1260-1

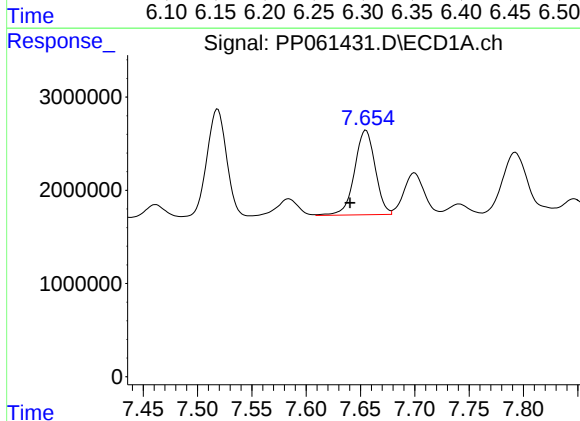
R.T.: 7.396 min
Delta R.T.: 0.014 min
Response: 10478630
Conc: 93.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



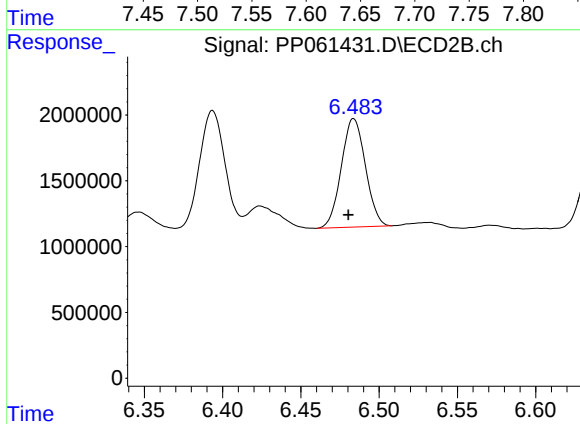
#31 AR-1260-1

R.T.: 6.295 min
Delta R.T.: 0.004 min
Response: 11003494
Conc: 135.24 ng/ml



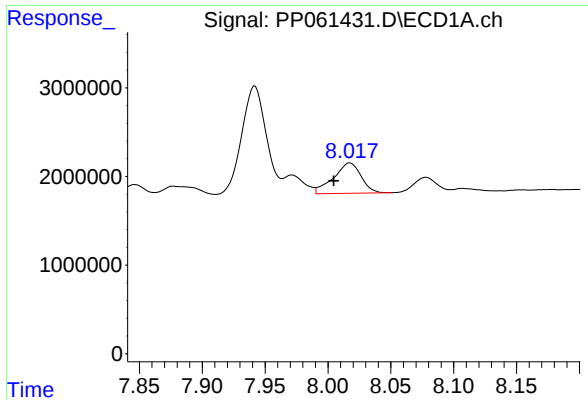
#32 AR-1260-2

R.T.: 7.655 min
Delta R.T.: 0.014 min
Response: 11959849
Conc: 92.45 ng/ml



#32 AR-1260-2

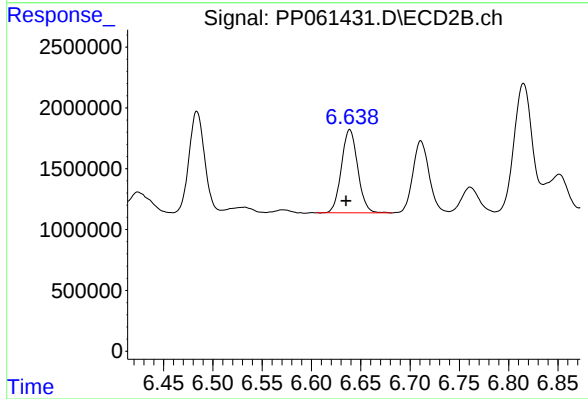
R.T.: 6.484 min
Delta R.T.: 0.003 min
Response: 8825924
Conc: 90.49 ng/ml



#33 AR-1260-3

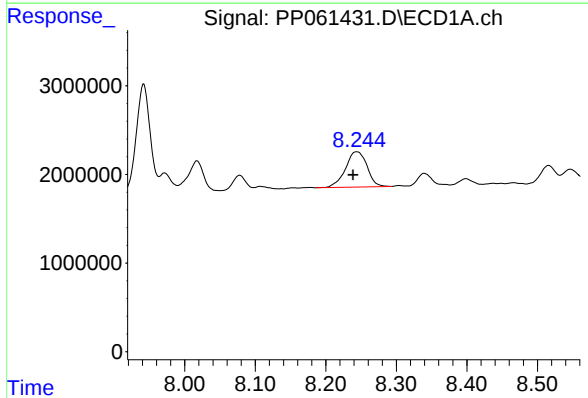
R.T.: 8.018 min
Delta R.T.: 0.013 min
Response: 5276788
Conc: 62.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



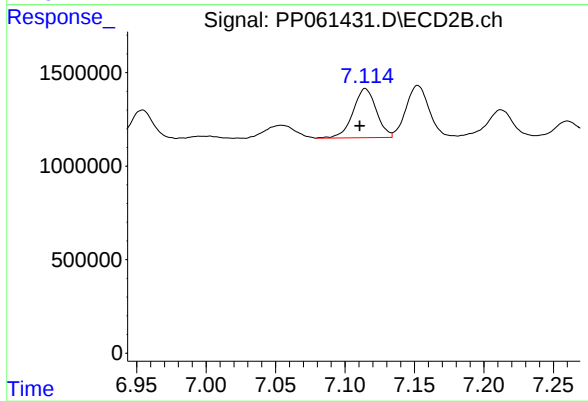
#33 AR-1260-3

R.T.: 6.639 min
Delta R.T.: 0.004 min
Response: 7868560
Conc: 85.02 ng/ml



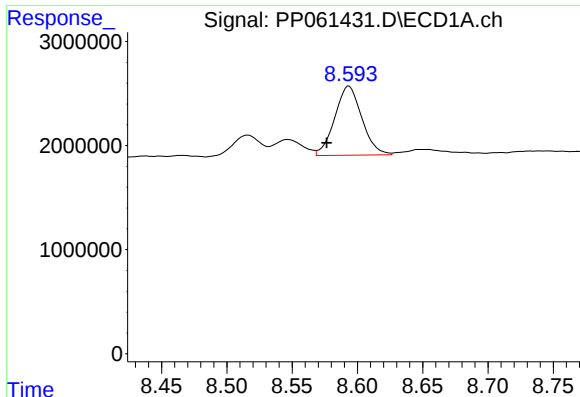
#34 AR-1260-4

R.T.: 8.244 min
Delta R.T.: 0.005 min
Response: 8469086
Conc: 83.79 ng/ml



#34 AR-1260-4

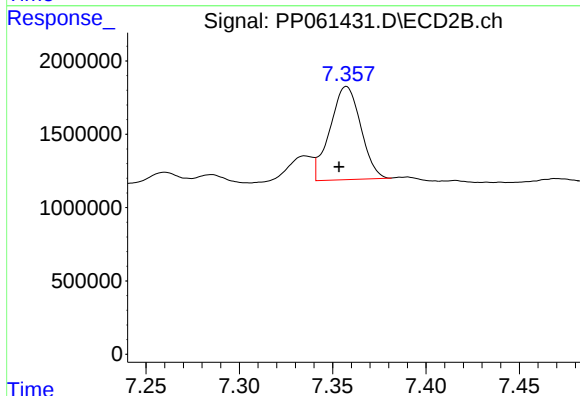
R.T.: 7.115 min
Delta R.T.: 0.004 min
Response: 3073371
Conc: 41.91 ng/ml



#35 AR-1260-5

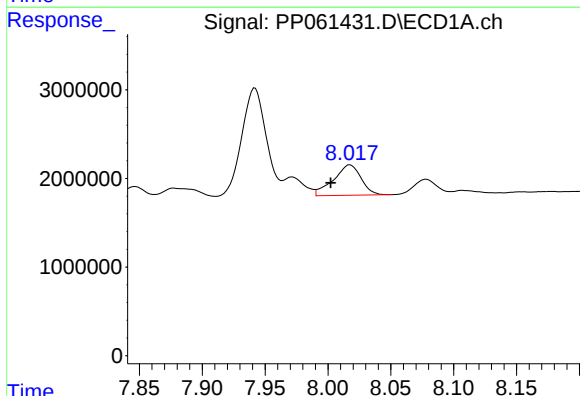
R.T.: 8.594 min
Delta R.T.: 0.017 min
Response: 9606073
Conc: 49.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



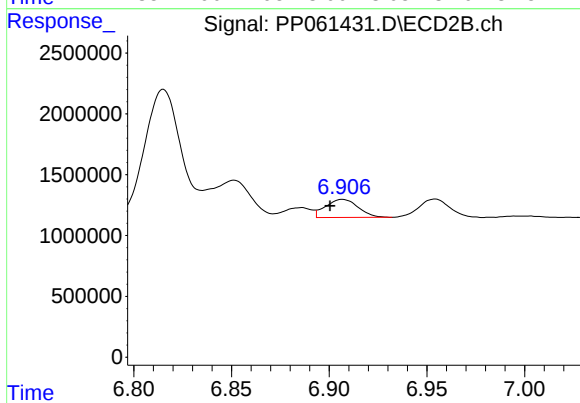
#35 AR-1260-5

R.T.: 7.357 min
Delta R.T.: 0.004 min
Response: 7286222
Conc: 42.67 ng/ml



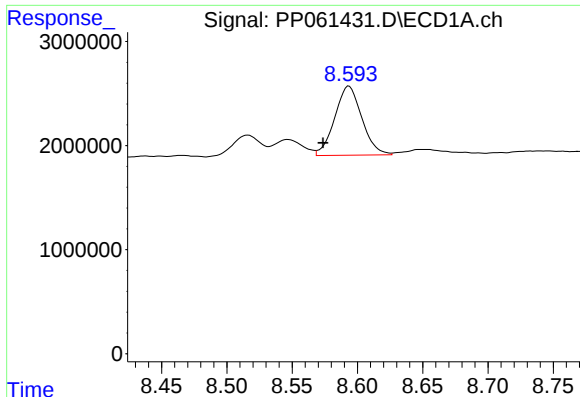
#36 AR-1262-1

R.T.: 8.018 min
Delta R.T.: 0.015 min
Response: 5276788
Conc: 39.68 ng/ml



#36 AR-1262-1

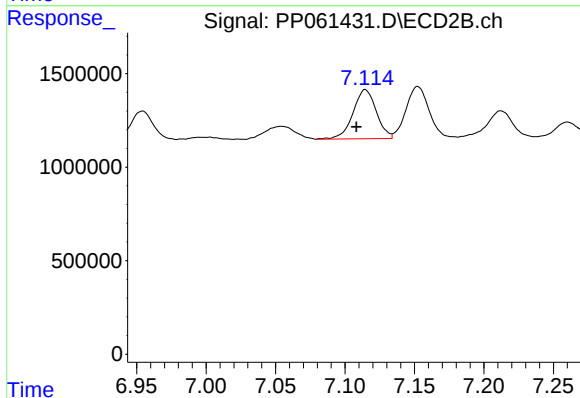
R.T.: 6.907 min
Delta R.T.: 0.006 min
Response: 1719677
Conc: 38.15 ng/ml



#37 AR-1262-2

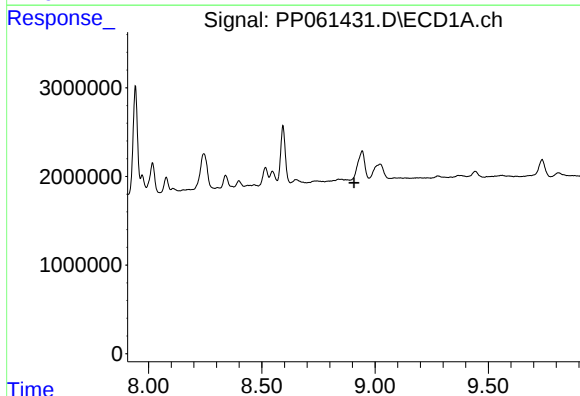
R.T.: 8.594 min
Delta R.T.: 0.020 min
Response: 9606073
Conc: 41.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



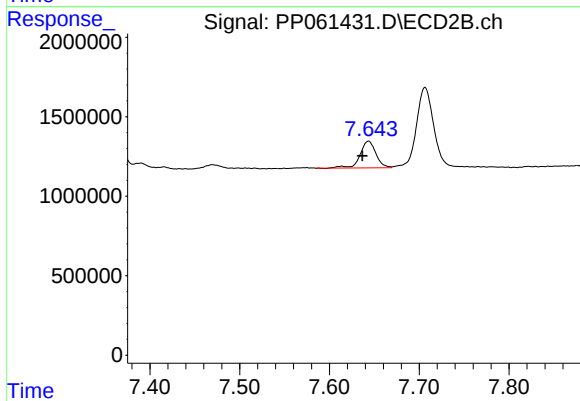
#37 AR-1262-2

R.T.: 7.115 min
Delta R.T.: 0.006 min
Response: 3073371
Conc: 30.70 ng/ml



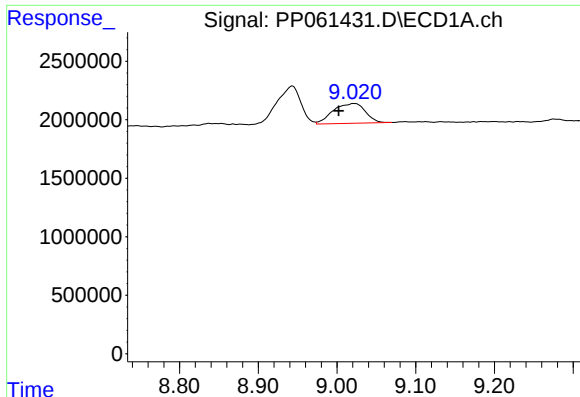
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.907 min
Response: 0
Conc: N.D.



#38 AR-1262-3

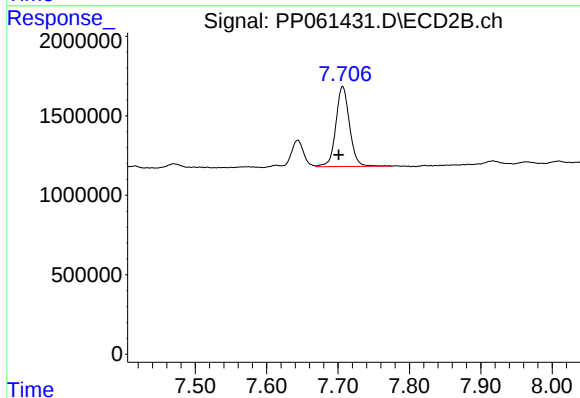
R.T.: 7.644 min
Delta R.T.: 0.007 min
Response: 2070607
Conc: 26.02 ng/ml



#39 AR-1262-4

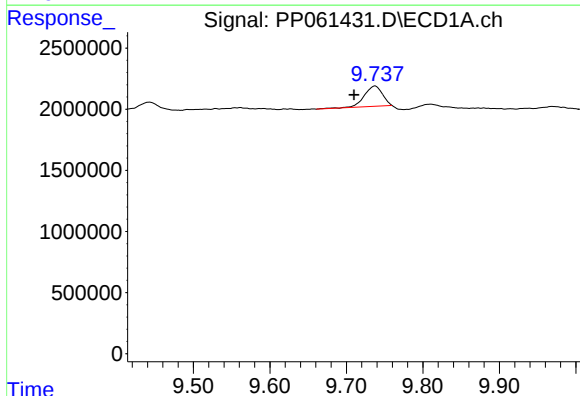
R.T.: 9.021 min
Delta R.T.: 0.019 min
Response: 4839539
Conc: 40.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



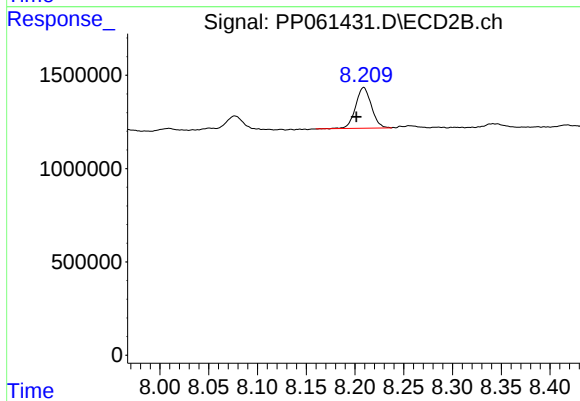
#39 AR-1262-4

R.T.: 7.707 min
Delta R.T.: 0.006 min
Response: 6725771
Conc: 46.55 ng/ml



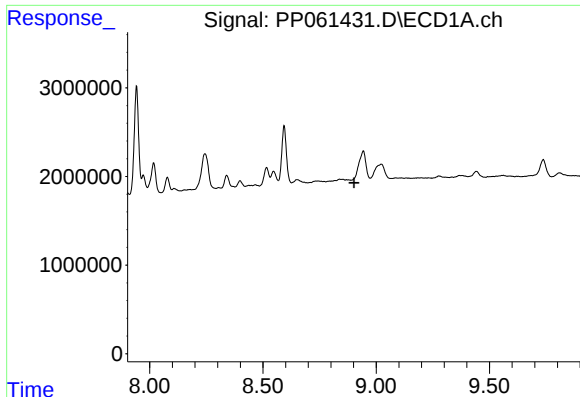
#40 AR-1262-5

R.T.: 9.738 min
Delta R.T.: 0.028 min
Response: 2743058
Conc: 33.74 ng/ml



#40 AR-1262-5

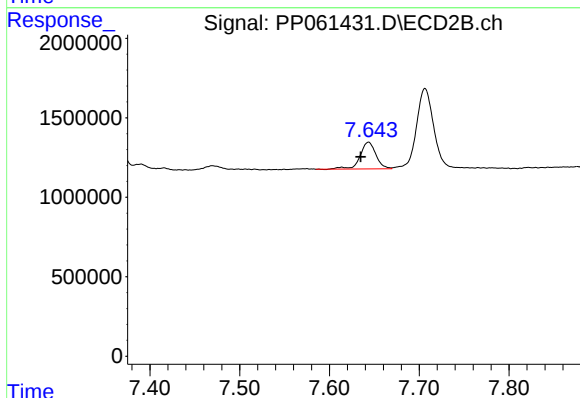
R.T.: 8.209 min
Delta R.T.: 0.008 min
Response: 2460276
Conc: 35.59 ng/ml



#41 AR-1268-1

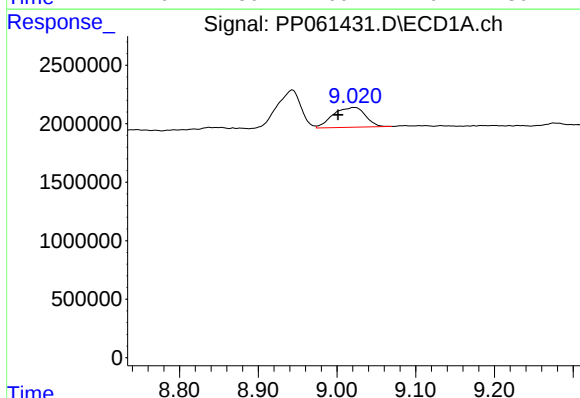
R.T.: 0.000 min
Exp R.T.: 8.902 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



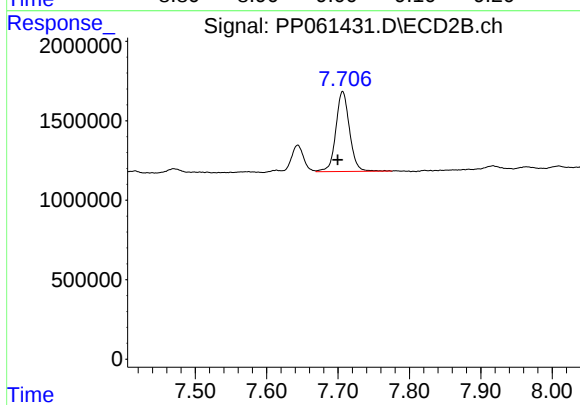
#41 AR-1268-1

R.T.: 7.644 min
Delta R.T.: 0.009 min
Response: 2070607
Conc: 8.89 ng/ml



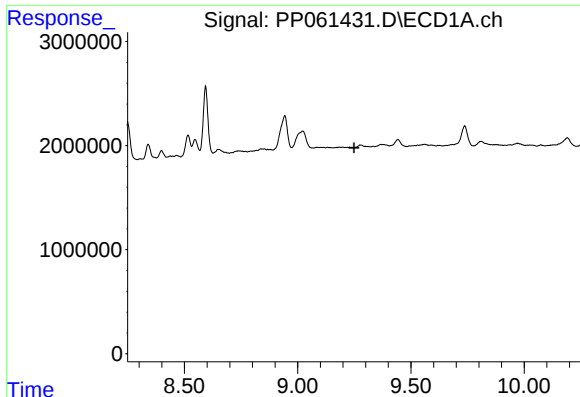
#42 AR-1268-2

R.T.: 9.021 min
Delta R.T.: 0.020 min
Response: 4839539
Conc: 18.51 ng/ml



#42 AR-1268-2

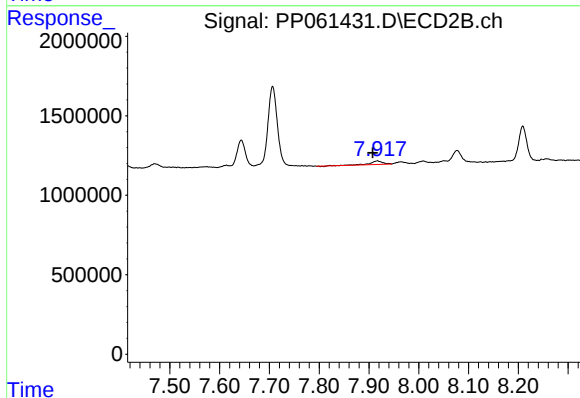
R.T.: 7.707 min
Delta R.T.: 0.007 min
Response: 6725771
Conc: 32.05 ng/ml



#43 AR-1268-3

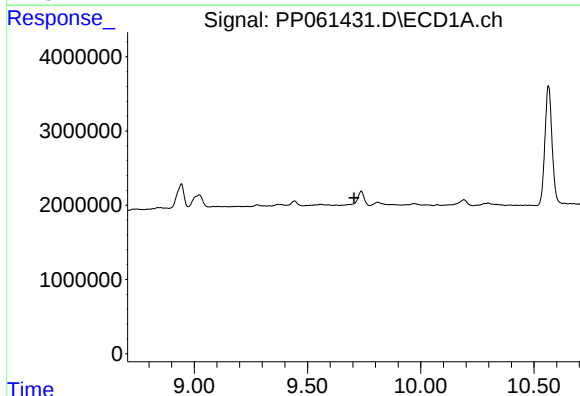
R.T.: 0.000 min
Exp R.T.: 9.249 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



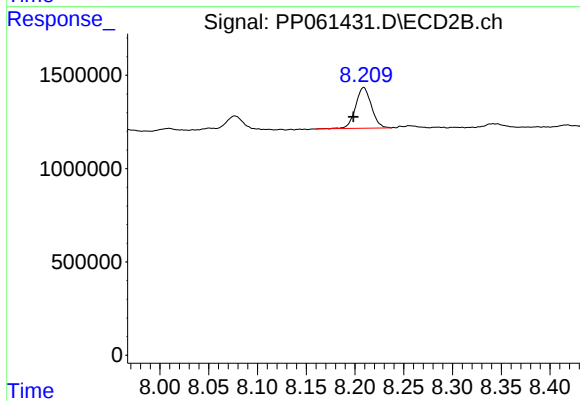
#43 AR-1268-3

R.T.: 7.917 min
Delta R.T.: 0.009 min
Response: 370850
Conc: 2.02 ng/ml



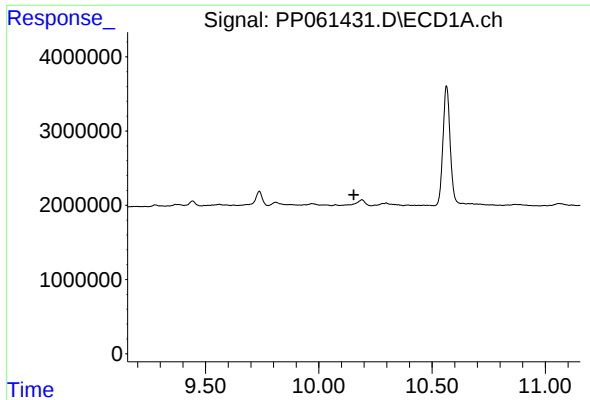
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.705 min
Response: 0
Conc: N.D.



#44 AR-1268-4

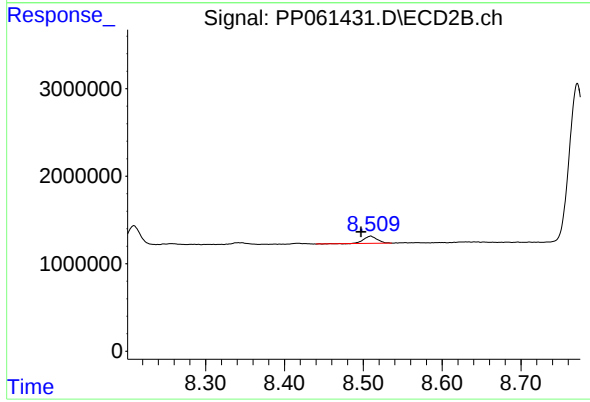
R.T.: 8.209 min
Delta R.T.: 0.010 min
Response: 2460276
Conc: 31.83 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.155 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.509 min
Delta R.T.: 0.012 min
Response: 995563
Conc: 1.75 ng/ml