

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092923\
 Data File : PP060401.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2023 14:13
 Operator : YP\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 29 16:28:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 27 11:30:16 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...	4.532	3.684	105.9E6	75679641	47.296	50.843
2)	SA Decachlor...	10.458	8.748	85052330	77307937	48.174	47.394
Target Compounds							
3)	L1 AR-1016-1	5.719	4.782	22544005	17651825	306.285	303.767
4)	L1 AR-1016-2	5.743	4.802	26237192	17703617	250.515	219.906
5)	L1 AR-1016-3	5.806	4.980	13369808	12290175	204.568	274.994 #
6)	L1 AR-1016-4	5.905	5.021	15163874	24193718	278.853	672.352 #
7)	L1 AR-1016-5	6.204	5.237	35393944	29950566	636.322	616.394
8)	L2 AR-1221-1	0.000	3.901	0	98934	N.D.	4.736 #
9)	L2 AR-1221-2	4.843	3.987	2074539	1413330	97.100	94.785
10)	L2 AR-1221-3	4.908	4.064	1995731	1498163	32.863	34.105
11)	L3 AR-1232-1	4.908f	4.064	1995731	1498163	39.647	41.170
12)	L3 AR-1232-2	5.448f	4.802	10339046	17703617	377.575	485.451 #
13)	L3 AR-1232-3	5.743f	4.980	26237192	12290175	565.247	614.040
14)	L3 AR-1232-4	5.905f	5.063	15163874	25621693	616.929	1372.769 #
15)	L3 AR-1232-5	5.997f	5.237	32496021	29950566	1568.215	1439.975
16)	L4 AR-1242-1	5.719	4.782	22544005	17651825	352.762	348.663
17)	L4 AR-1242-2	5.743	4.802	26237192	17703617	289.765	254.932
18)	L4 AR-1242-3	5.806	4.980	13369808	12290175	237.472	319.137 #
19)	L4 AR-1242-4	5.905	5.063	15163874	25621693	324.667	650.579 #
20)	L4 AR-1242-5	6.652	5.591	37184776	41856018	739.320	855.651
21)	L5 AR-1248-1	5.719	4.782	22544005	17651825	484.563	483.696
22)	L5 AR-1248-2	5.997	5.021	32496021	24193718	468.680	462.844
23)	L5 AR-1248-3	6.204	5.063	35393944	25621693	466.019	461.450
24)	L5 AR-1248-4	6.612	5.237	38161359	29950566	461.411	454.988
25)	L5 AR-1248-5	6.652	5.633	37184776	29361124	462.020	456.469
26)	L6 AR-1254-1	6.584	5.591	30091769	41856018	352.609	423.135
27)	L6 AR-1254-2	6.811	5.740	38288172	12655758	300.002	147.258 #
28)	L6 AR-1254-3	7.177	6.147	21774558	20329072	163.822	141.837
29)	L6 AR-1254-4	7.465	6.376	15057494	14043247	153.118	161.115
30)	L6 AR-1254-5	7.888	6.797	4075633	4332838	37.618	34.192
31)	L7 AR-1260-1	7.345	6.293	2800258	7556650	26.714	75.284 #
32)	L7 AR-1260-2	7.601	6.466	3852596	1929947	31.864	16.177 #
33)	L7 AR-1260-3	7.953	6.621	897365	2317705	9.681	20.243 #
34)	L7 AR-1260-4	8.183	7.096	1945342	291168	18.343	3.059 #
35)	L7 AR-1260-5	8.532	7.339	607543	634538	3.139	2.928
36)	L8 AR-1262-1	7.953	6.910f	897365	21161	7.194	0.395 #
37)	L8 AR-1262-2	8.532	7.096	607543	291168	2.900	2.469
38)	L8 AR-1262-3	8.876f	7.626	416772	183228	2.754	1.987 #
39)	L8 AR-1262-4	0.000	7.686	0	594693	N.D.	3.530 #
40)	L8 AR-1262-5	0.000	8.191	0	149729	N.D.	1.933 #
41)	L9 AR-1268-1	8.876f	7.626	416772	183228	1.571	0.674 #

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 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

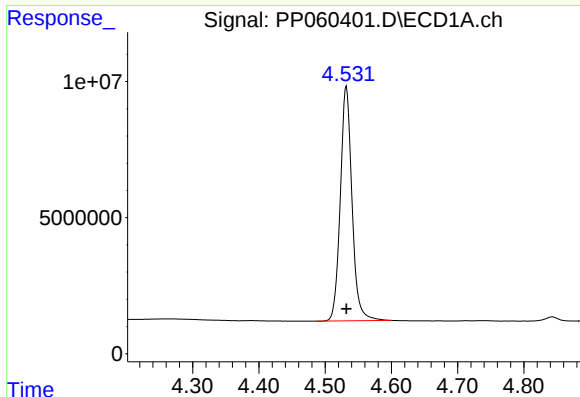
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 29 16:28:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 27 11:30:16 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
42) L9	AR-1268-2	0.000	7.686	0	594693	N.D.	2.439 #
43) L9	AR-1268-3	0.000	7.898	0	315811	N.D.	1.477 #
44) L9	AR-1268-4	0.000	8.191	0	149729	N.D.	1.707 #
45) L9	AR-1268-5	10.093	8.487	640426	536656	1.012	0.859

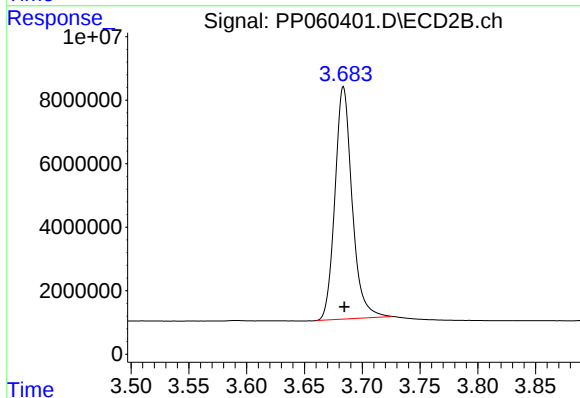
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

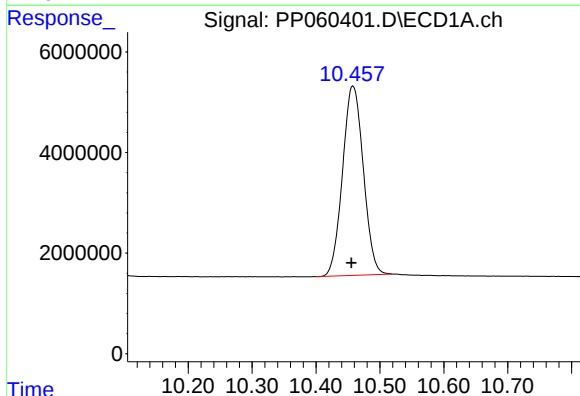
R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 105920329
Conc: 47.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



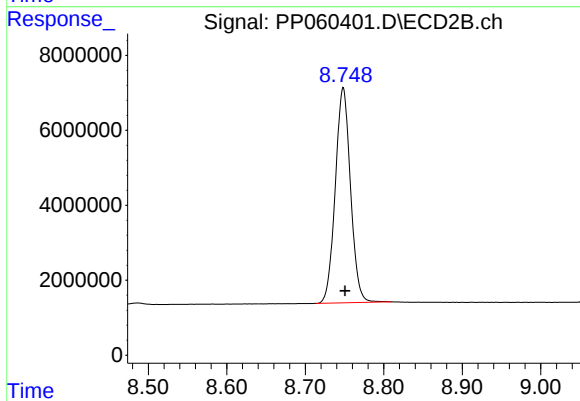
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 75679641
Conc: 50.84 ng/ml



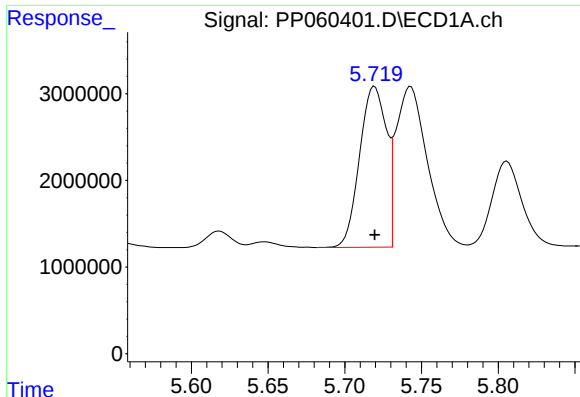
#2 Decachlorobiphenyl

R.T.: 10.458 min
Delta R.T.: 0.002 min
Response: 85052330
Conc: 48.17 ng/ml



#2 Decachlorobiphenyl

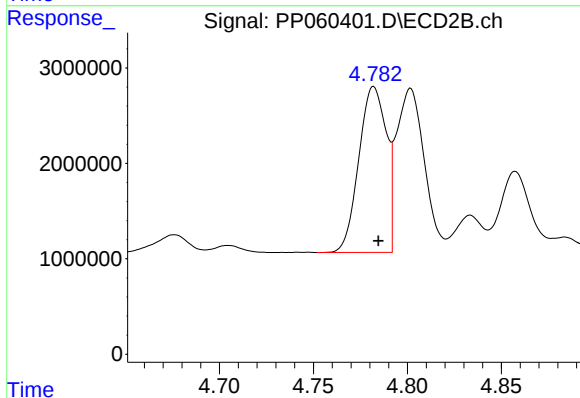
R.T.: 8.748 min
Delta R.T.: -0.002 min
Response: 77307937
Conc: 47.39 ng/ml



#3 AR-1016-1

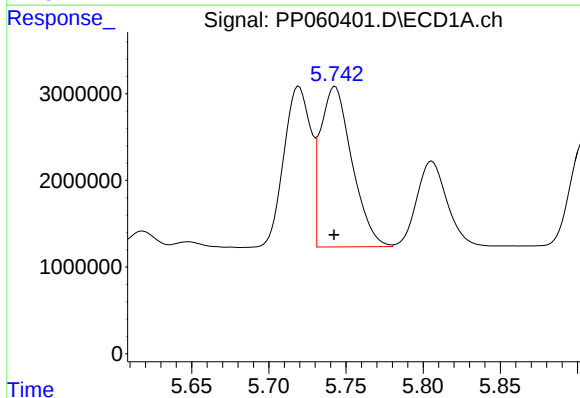
R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 22544005
Conc: 306.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



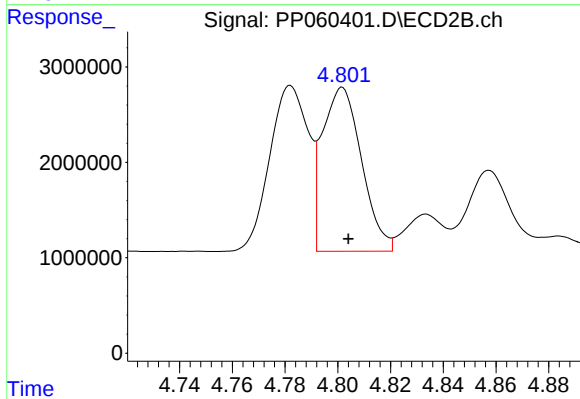
#3 AR-1016-1

R.T.: 4.782 min
Delta R.T.: -0.003 min
Response: 17651825
Conc: 303.77 ng/ml



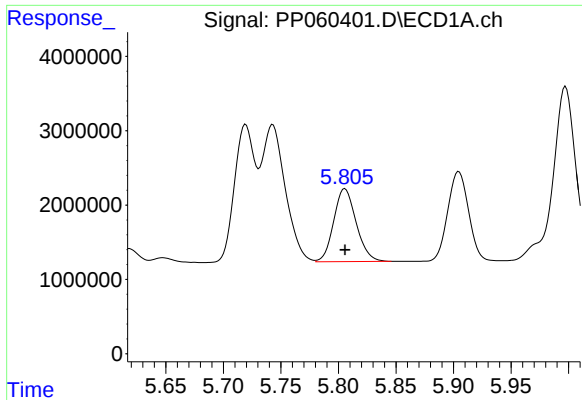
#4 AR-1016-2

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 26237192
Conc: 250.51 ng/ml



#4 AR-1016-2

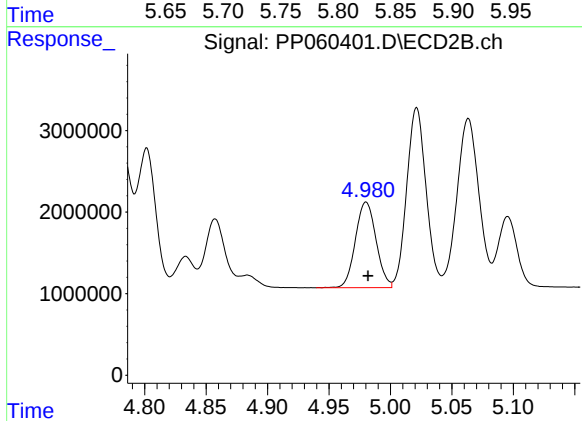
R.T.: 4.802 min
Delta R.T.: -0.002 min
Response: 17703617
Conc: 219.91 ng/ml



#5 AR-1016-3

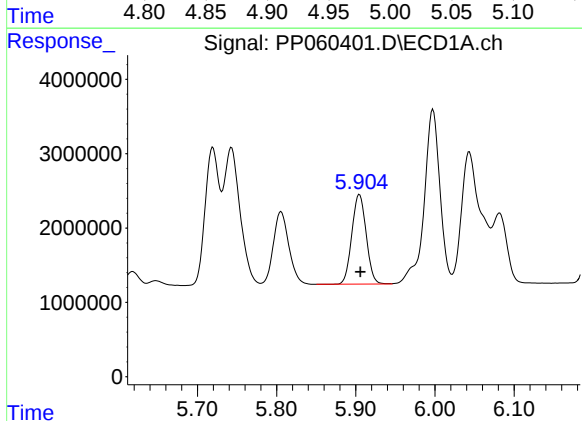
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 13369808
Conc: 204.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



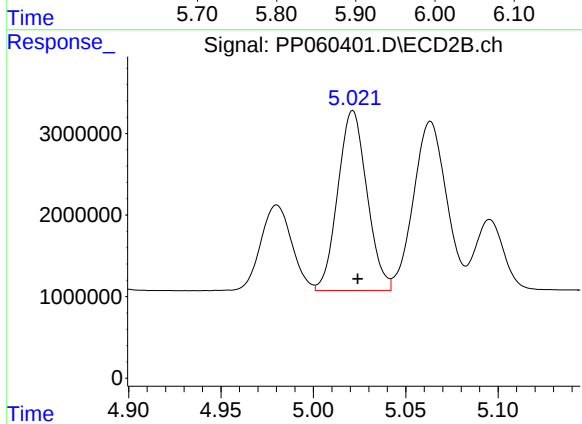
#5 AR-1016-3

R.T.: 4.980 min
Delta R.T.: -0.002 min
Response: 12290175
Conc: 274.99 ng/ml



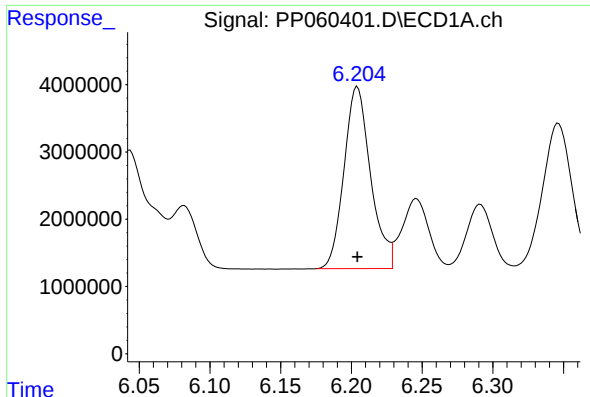
#6 AR-1016-4

R.T.: 5.905 min
Delta R.T.: -0.001 min
Response: 15163874
Conc: 278.85 ng/ml



#6 AR-1016-4

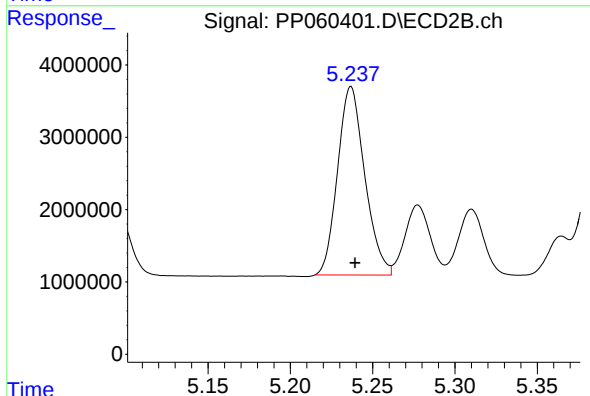
R.T.: 5.021 min
Delta R.T.: -0.003 min
Response: 24193718
Conc: 672.35 ng/ml



#7 AR-1016-5

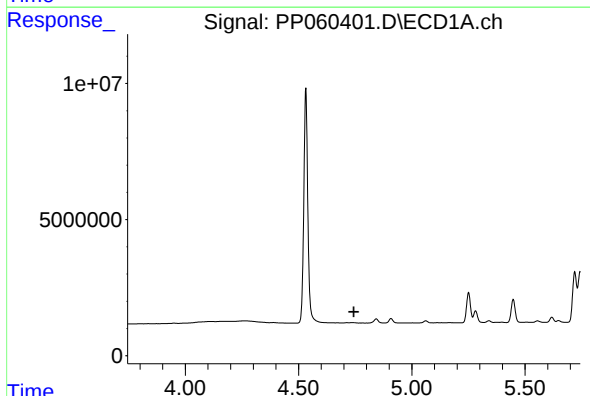
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 35393944
Conc: 636.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



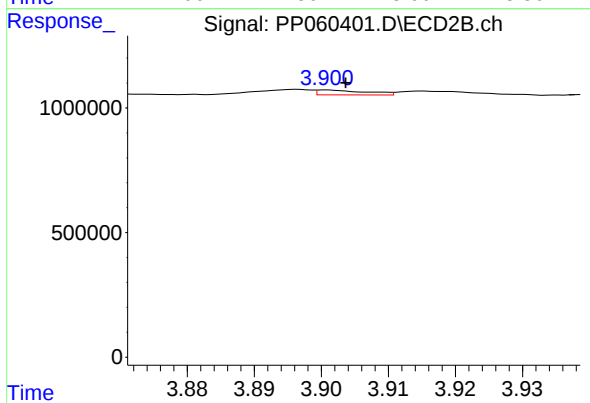
#7 AR-1016-5

R.T.: 5.237 min
Delta R.T.: -0.002 min
Response: 29950566
Conc: 616.39 ng/ml



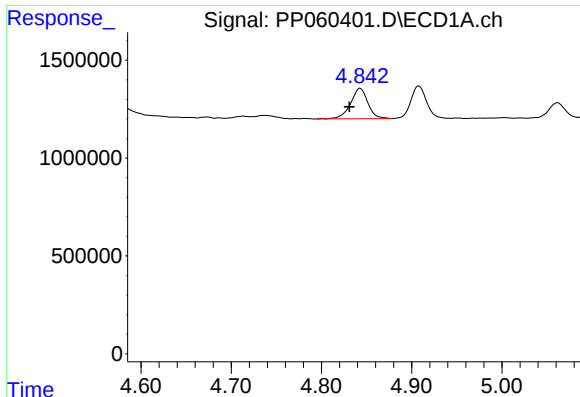
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.743 min
Response: 0
Conc: N.D.



#8 AR-1221-1

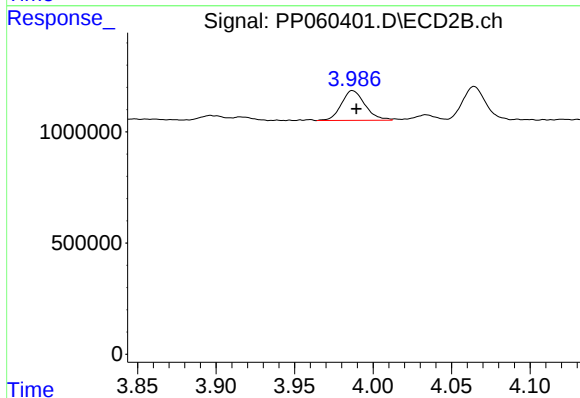
R.T.: 3.901 min
Delta R.T.: -0.003 min
Response: 98934
Conc: 4.74 ng/ml



#9 AR-1221-2

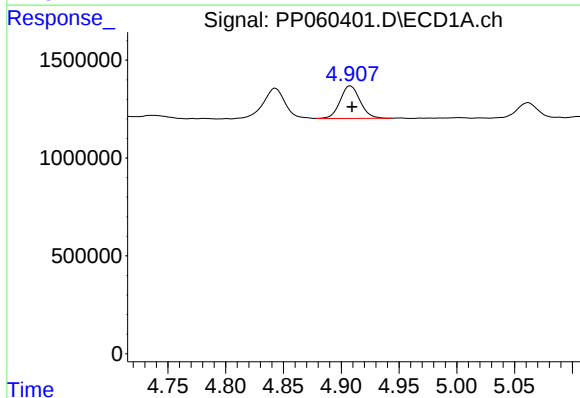
R.T.: 4.843 min
Delta R.T.: 0.012 min
Response: 2074539
Conc: 97.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



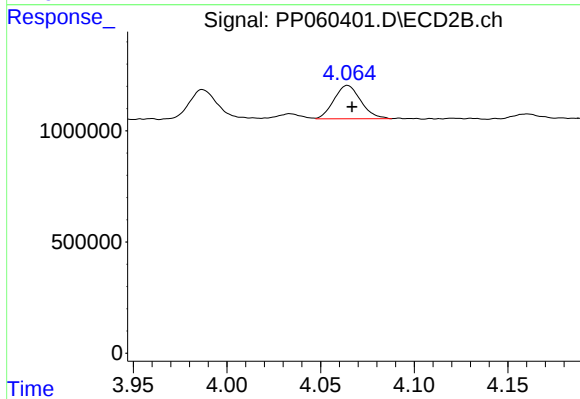
#9 AR-1221-2

R.T.: 3.987 min
Delta R.T.: -0.002 min
Response: 1413330
Conc: 94.79 ng/ml



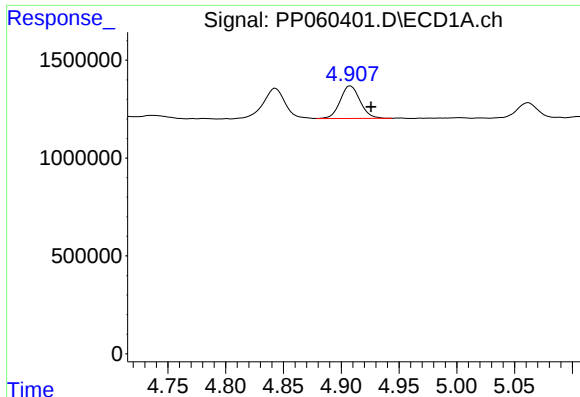
#10 AR-1221-3

R.T.: 4.908 min
Delta R.T.: -0.002 min
Response: 1995731
Conc: 32.86 ng/ml



#10 AR-1221-3

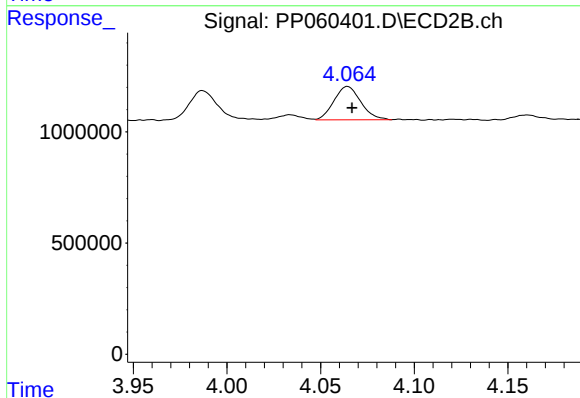
R.T.: 4.064 min
Delta R.T.: -0.002 min
Response: 1498163
Conc: 34.11 ng/ml



#11 AR-1232-1

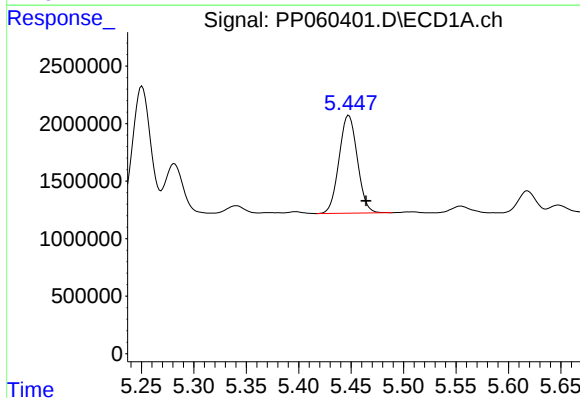
R.T.: 4.908 min
Delta R.T.: -0.018 min
Response: 1995731
Conc: 39.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



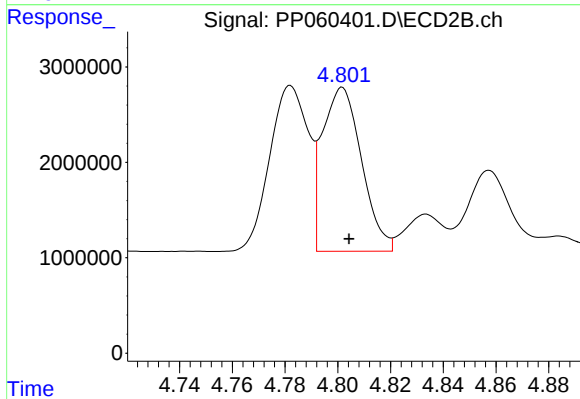
#11 AR-1232-1

R.T.: 4.064 min
Delta R.T.: -0.002 min
Response: 1498163
Conc: 41.17 ng/ml



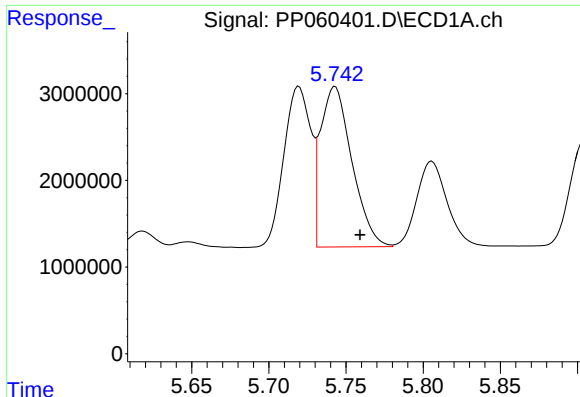
#12 AR-1232-2

R.T.: 5.448 min
Delta R.T.: -0.017 min
Response: 10339046
Conc: 377.57 ng/ml



#12 AR-1232-2

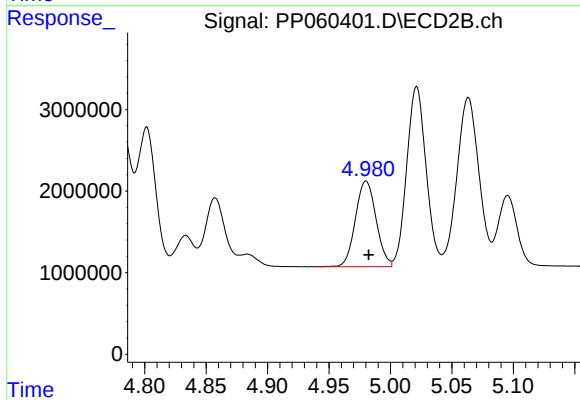
R.T.: 4.802 min
Delta R.T.: -0.002 min
Response: 17703617
Conc: 485.45 ng/ml



#13 AR-1232-3

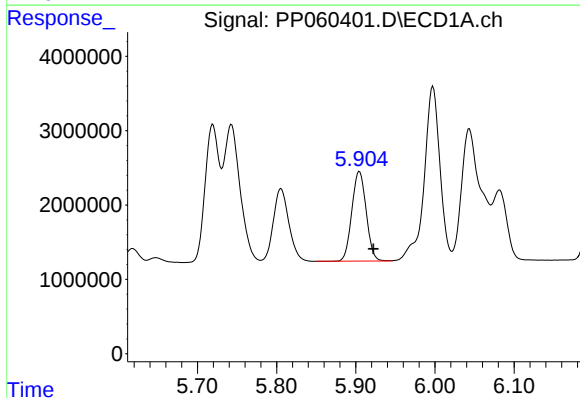
R.T.: 5.743 min
Delta R.T.: -0.016 min
Response: 26237192
Conc: 565.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



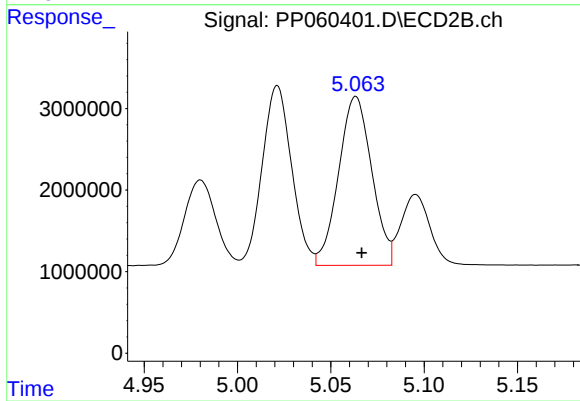
#13 AR-1232-3

R.T.: 4.980 min
Delta R.T.: -0.002 min
Response: 12290175
Conc: 614.04 ng/ml



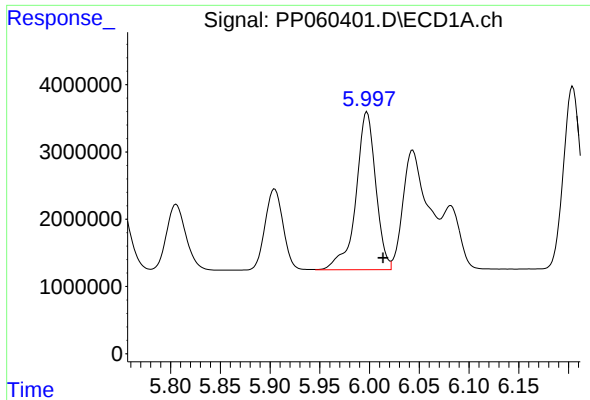
#14 AR-1232-4

R.T.: 5.905 min
Delta R.T.: -0.018 min
Response: 15163874
Conc: 616.93 ng/ml



#14 AR-1232-4

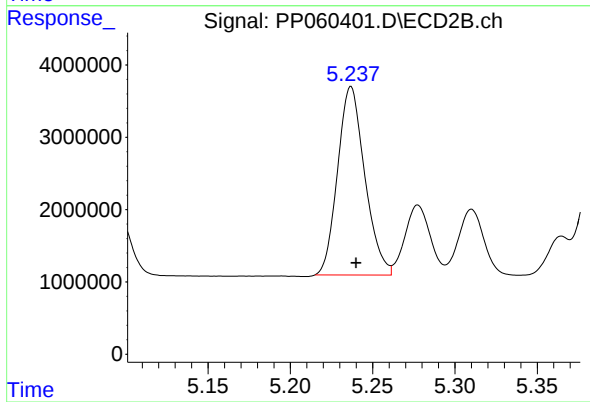
R.T.: 5.063 min
Delta R.T.: -0.003 min
Response: 25621693
Conc: 1372.77 ng/ml



#15 AR-1232-5

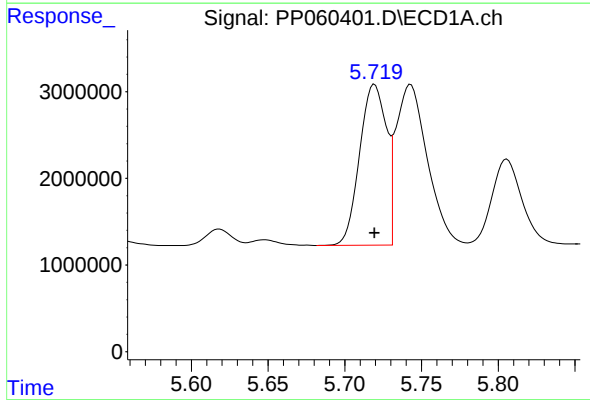
R.T.: 5.997 min
Delta R.T.: -0.016 min
Response: 32496021
Conc: 1568.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



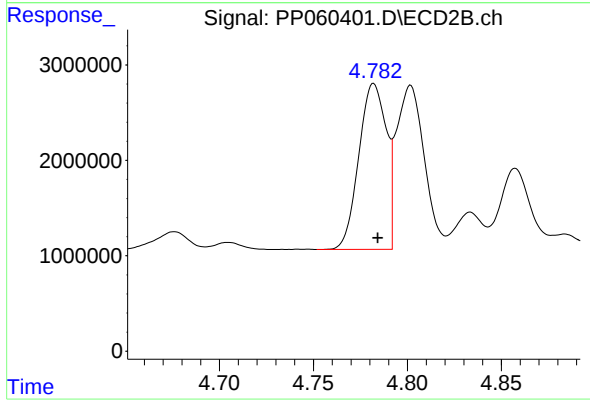
#15 AR-1232-5

R.T.: 5.237 min
Delta R.T.: -0.003 min
Response: 29950566
Conc: 1439.97 ng/ml



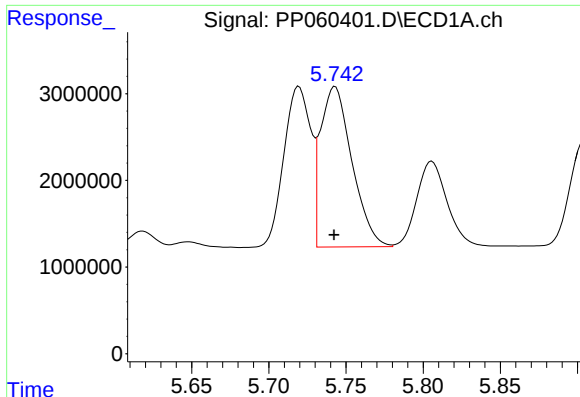
#16 AR-1242-1

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 22544005
Conc: 352.76 ng/ml



#16 AR-1242-1

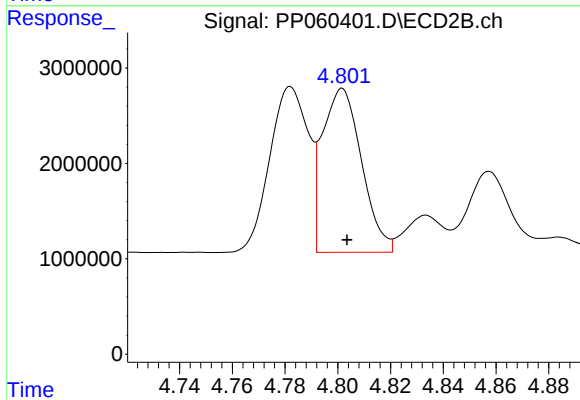
R.T.: 4.782 min
Delta R.T.: -0.002 min
Response: 17651825
Conc: 348.66 ng/ml



#17 AR-1242-2

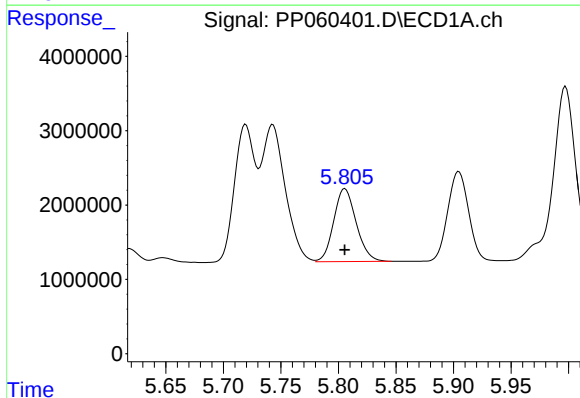
R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 26237192
Conc: 289.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



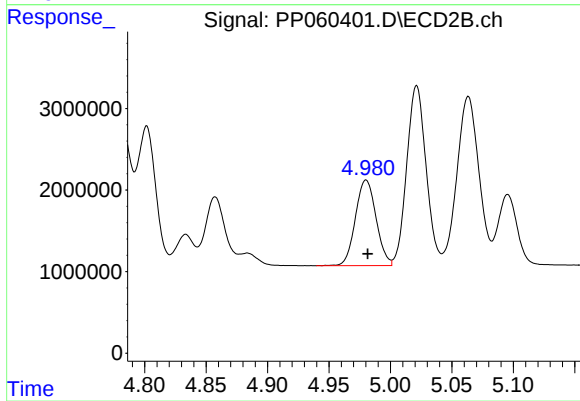
#17 AR-1242-2

R.T.: 4.802 min
Delta R.T.: -0.002 min
Response: 17703617
Conc: 254.93 ng/ml



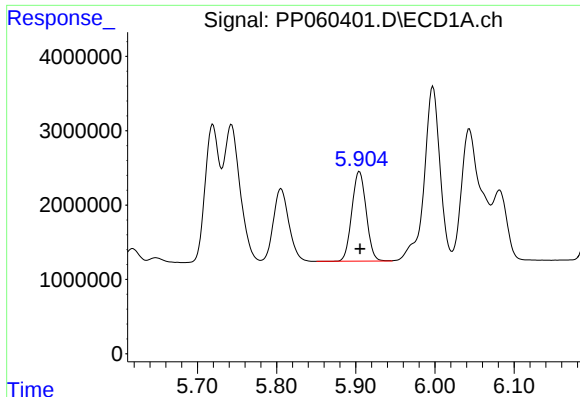
#18 AR-1242-3

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 13369808
Conc: 237.47 ng/ml



#18 AR-1242-3

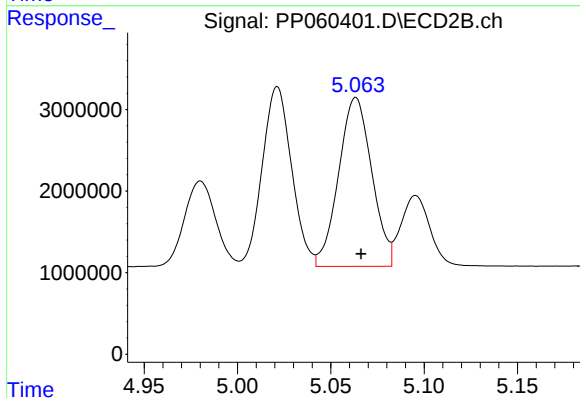
R.T.: 4.980 min
Delta R.T.: -0.001 min
Response: 12290175
Conc: 319.14 ng/ml



#19 AR-1242-4

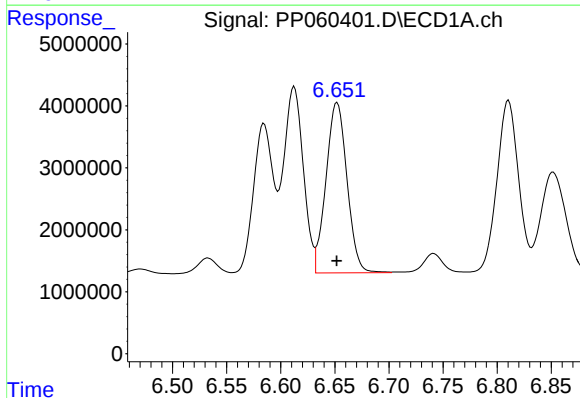
R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 15163874
Conc: 324.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



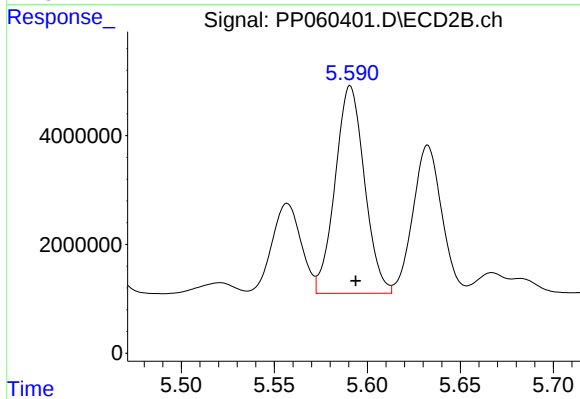
#19 AR-1242-4

R.T.: 5.063 min
Delta R.T.: -0.003 min
Response: 25621693
Conc: 650.58 ng/ml



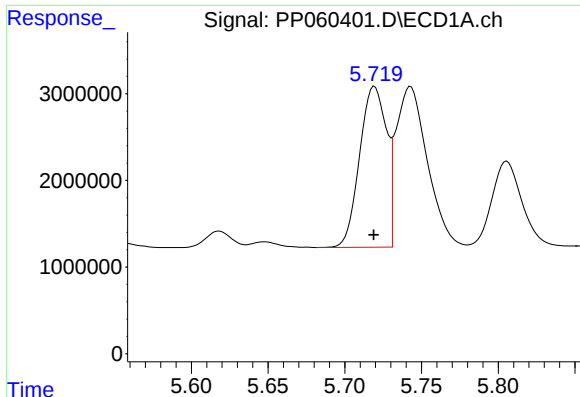
#20 AR-1242-5

R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 37184776
Conc: 739.32 ng/ml



#20 AR-1242-5

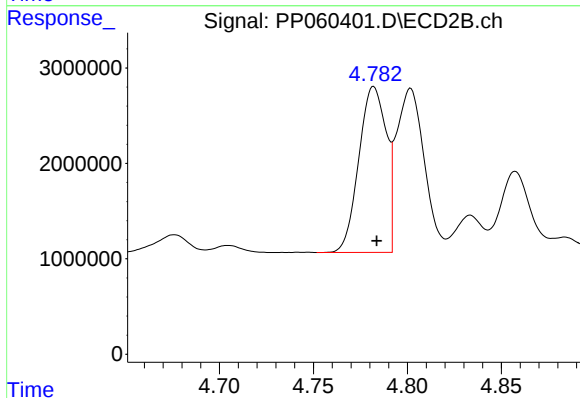
R.T.: 5.591 min
Delta R.T.: -0.003 min
Response: 41856018
Conc: 855.65 ng/ml



#21 AR-1248-1

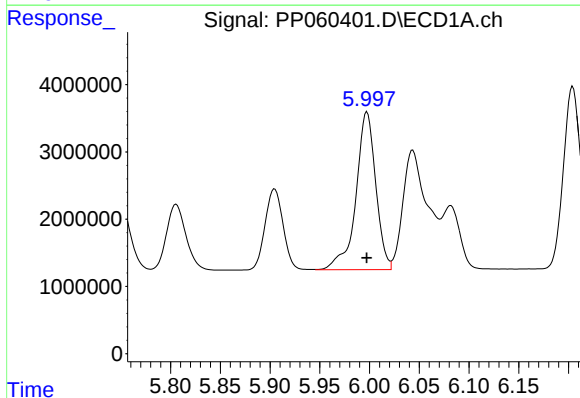
R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 22544005
Conc: 484.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



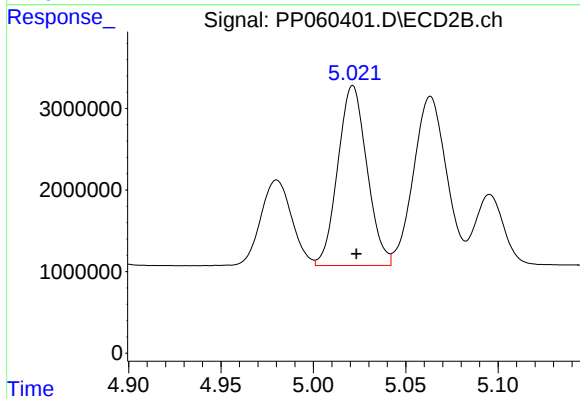
#21 AR-1248-1

R.T.: 4.782 min
Delta R.T.: -0.002 min
Response: 17651825
Conc: 483.70 ng/ml



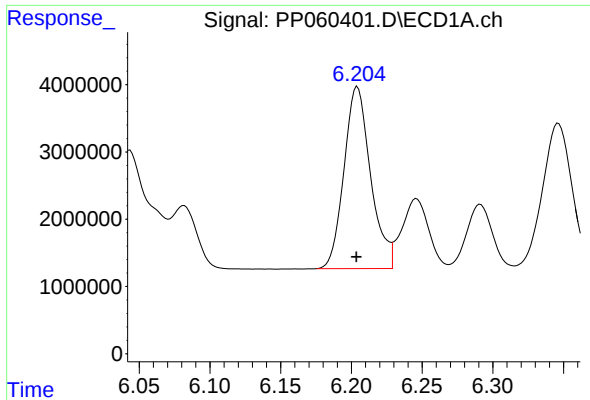
#22 AR-1248-2

R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 32496021
Conc: 468.68 ng/ml



#22 AR-1248-2

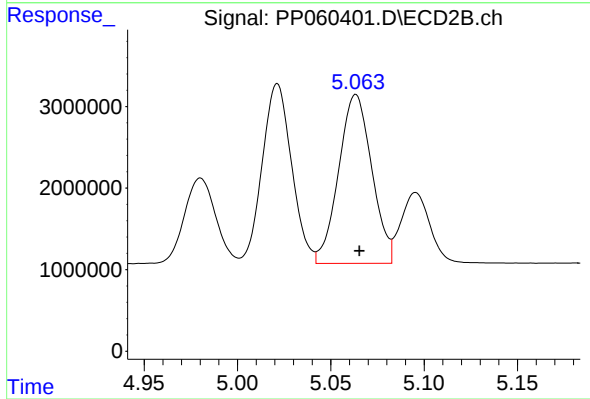
R.T.: 5.021 min
Delta R.T.: -0.002 min
Response: 24193718
Conc: 462.84 ng/ml



#23 AR-1248-3

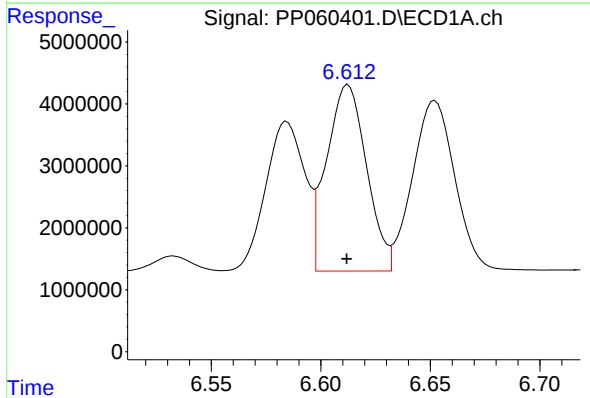
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 35393944
Conc: 466.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



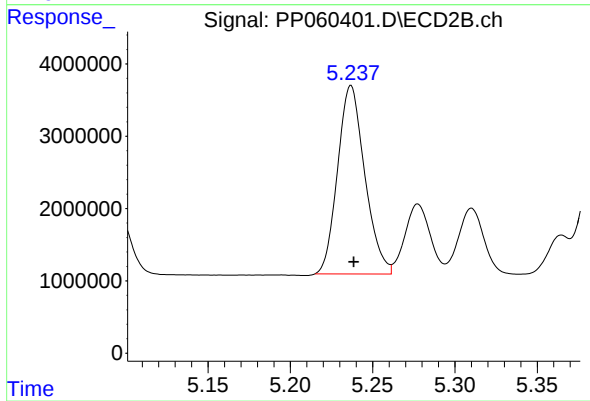
#23 AR-1248-3

R.T.: 5.063 min
Delta R.T.: -0.002 min
Response: 25621693
Conc: 461.45 ng/ml



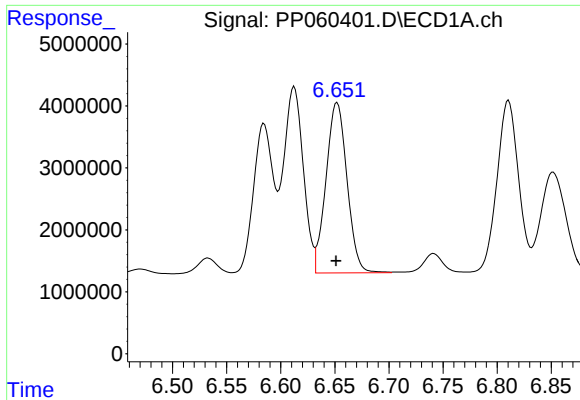
#24 AR-1248-4

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 38161359
Conc: 461.41 ng/ml



#24 AR-1248-4

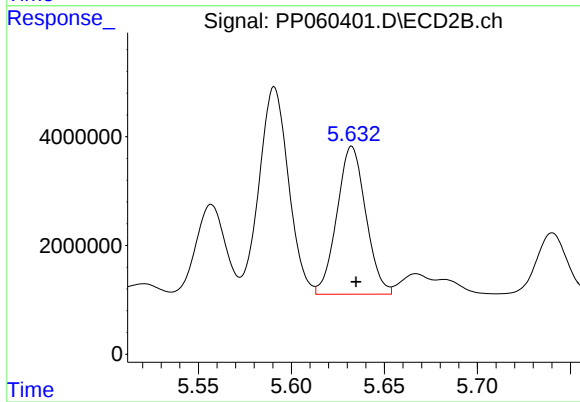
R.T.: 5.237 min
Delta R.T.: -0.002 min
Response: 29950566
Conc: 454.99 ng/ml



#25 AR-1248-5

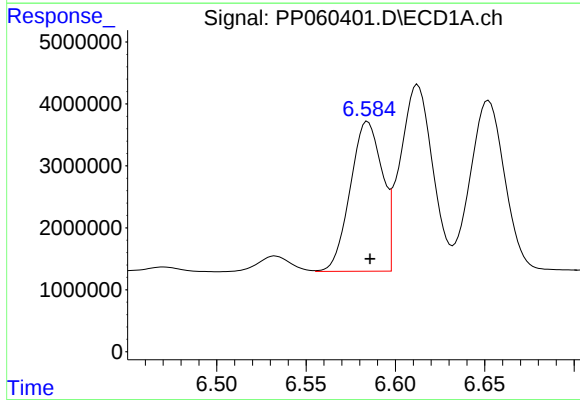
R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 37184776
Conc: 462.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



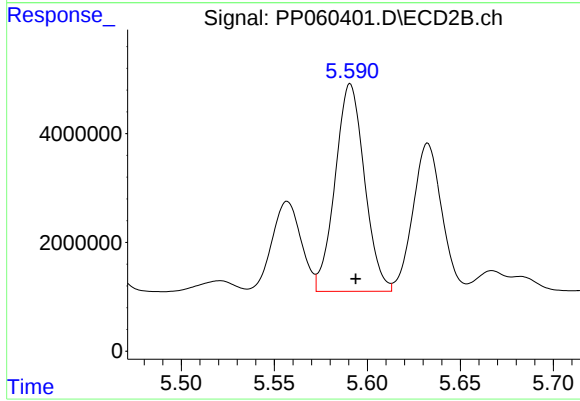
#25 AR-1248-5

R.T.: 5.633 min
Delta R.T.: -0.002 min
Response: 29361124
Conc: 456.47 ng/ml



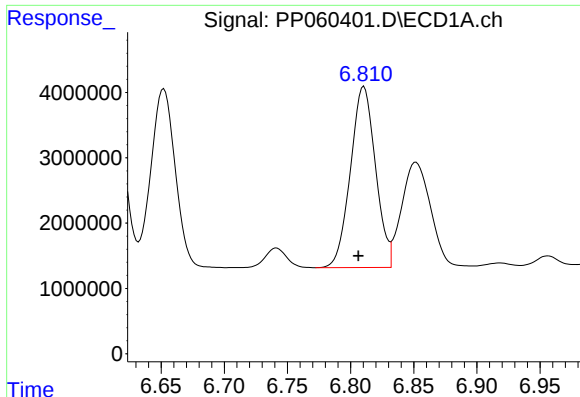
#26 AR-1254-1

R.T.: 6.584 min
Delta R.T.: -0.001 min
Response: 30091769
Conc: 352.61 ng/ml



#26 AR-1254-1

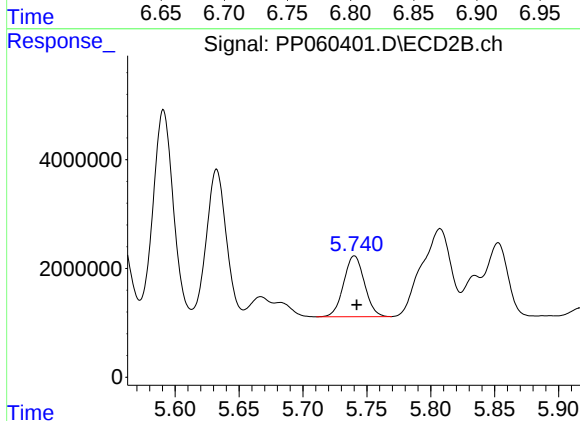
R.T.: 5.591 min
Delta R.T.: -0.003 min
Response: 41856018
Conc: 423.14 ng/ml



#27 AR-1254-2

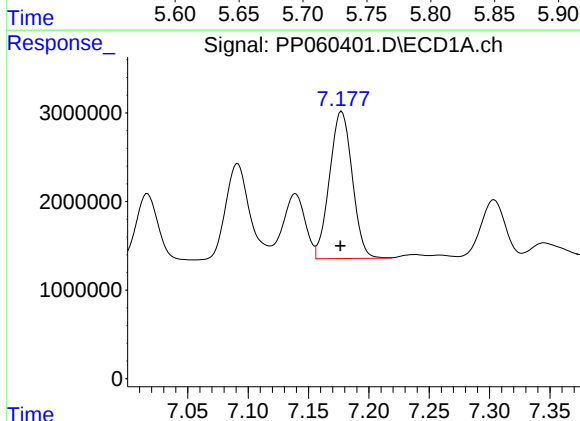
R.T.: 6.811 min
Delta R.T.: 0.004 min
Response: 38288172
Conc: 300.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



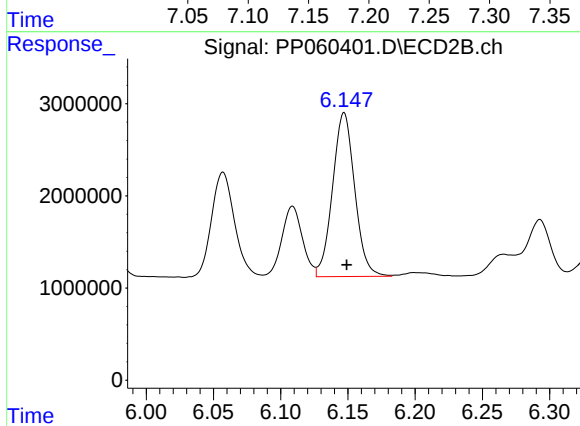
#27 AR-1254-2

R.T.: 5.740 min
Delta R.T.: -0.002 min
Response: 12655758
Conc: 147.26 ng/ml



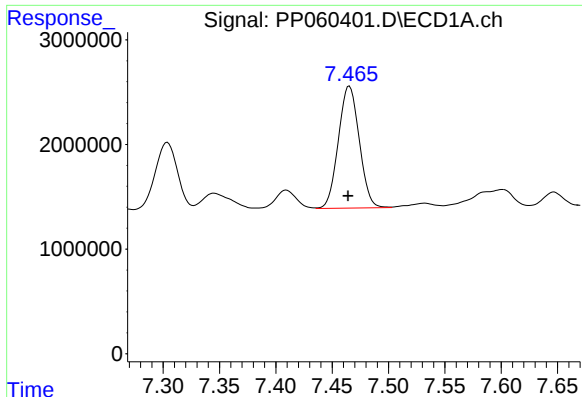
#28 AR-1254-3

R.T.: 7.177 min
Delta R.T.: 0.001 min
Response: 21774558
Conc: 163.82 ng/ml



#28 AR-1254-3

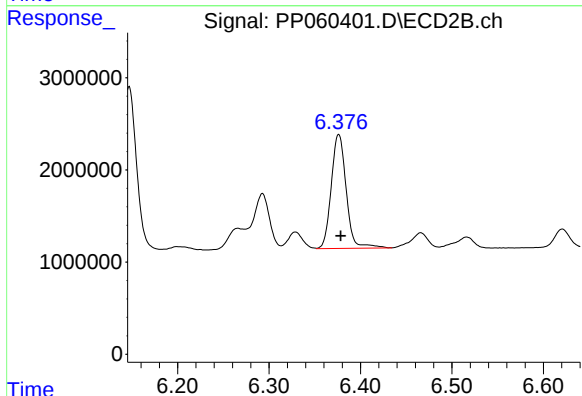
R.T.: 6.147 min
Delta R.T.: -0.002 min
Response: 20329072
Conc: 141.84 ng/ml



#29 AR-1254-4

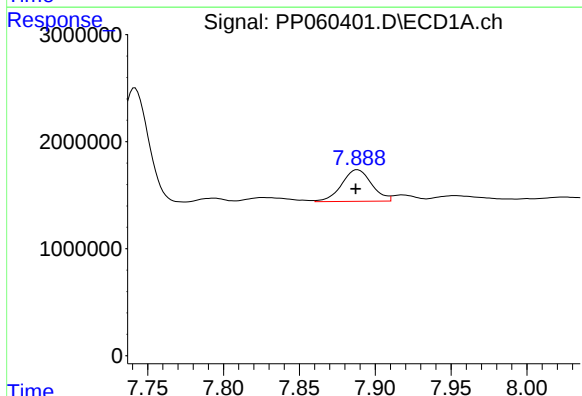
R.T.: 7.465 min
Delta R.T.: 0.001 min
Response: 15057494
Conc: 153.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



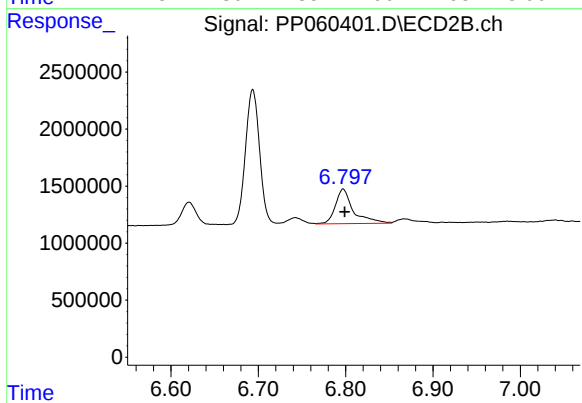
#29 AR-1254-4

R.T.: 6.376 min
Delta R.T.: -0.002 min
Response: 14043247
Conc: 161.11 ng/ml



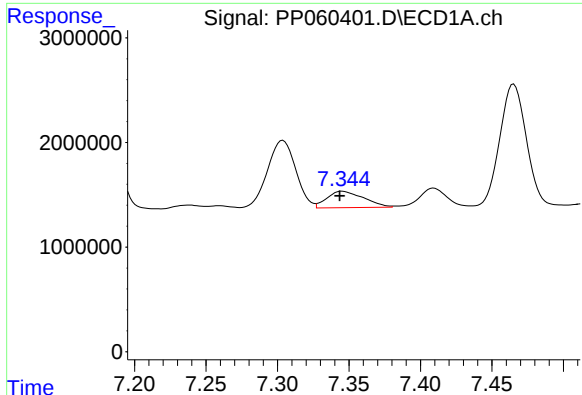
#30 AR-1254-5

R.T.: 7.888 min
Delta R.T.: 0.001 min
Response: 4075633
Conc: 37.62 ng/ml



#30 AR-1254-5

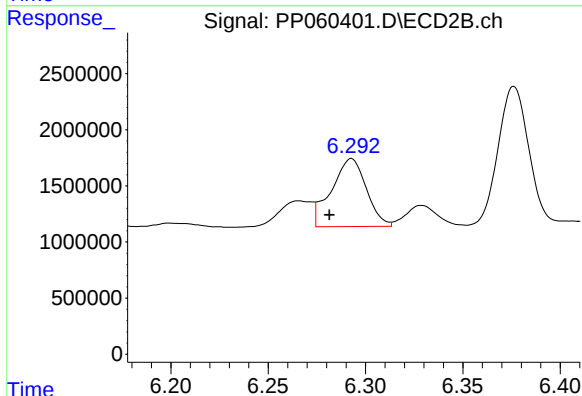
R.T.: 6.797 min
Delta R.T.: -0.002 min
Response: 4332838
Conc: 34.19 ng/ml



#31 AR-1260-1

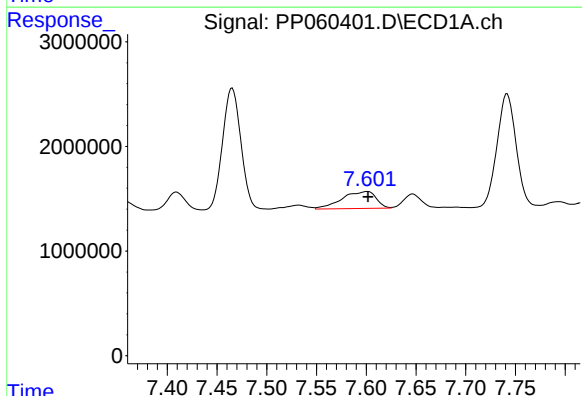
R.T.: 7.345 min
Delta R.T.: 0.002 min
Response: 2800258
Conc: 26.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



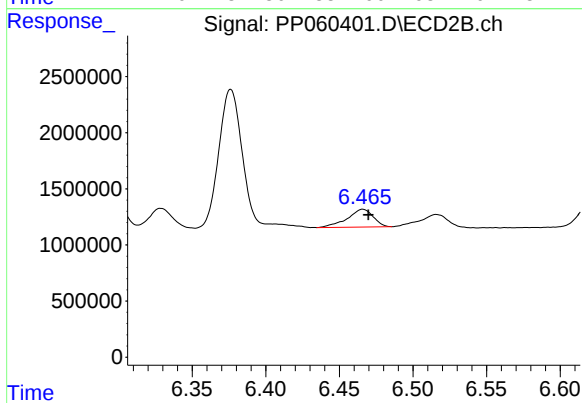
#31 AR-1260-1

R.T.: 6.293 min
Delta R.T.: 0.011 min
Response: 7556650
Conc: 75.28 ng/ml



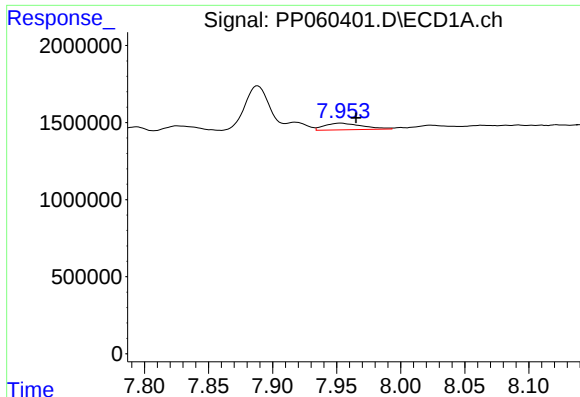
#32 AR-1260-2

R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 3852596
Conc: 31.86 ng/ml



#32 AR-1260-2

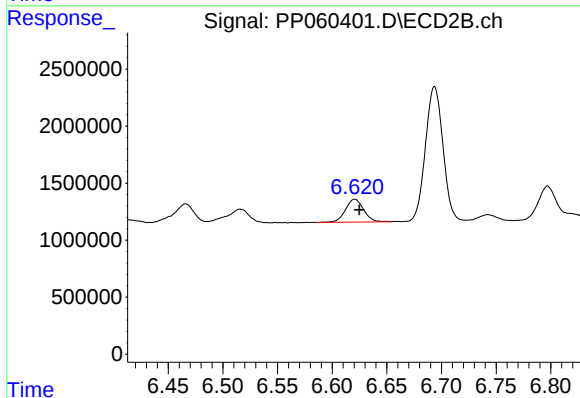
R.T.: 6.466 min
Delta R.T.: -0.004 min
Response: 1929947
Conc: 16.18 ng/ml



#33 AR-1260-3

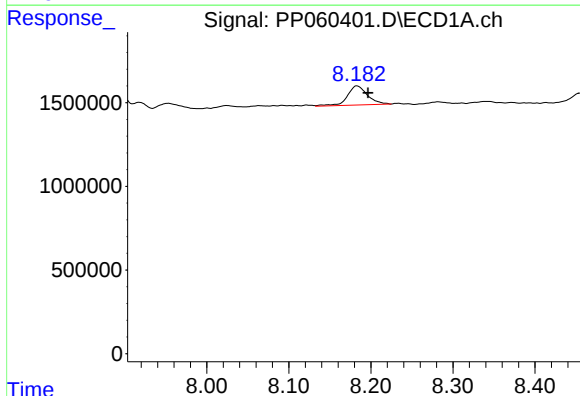
R.T.: 7.953 min
Delta R.T.: -0.012 min
Response: 897365
Conc: 9.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



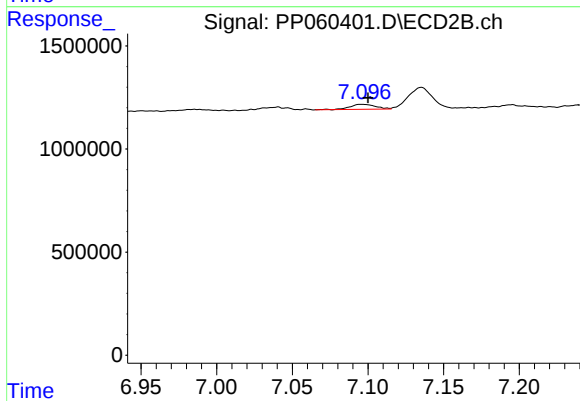
#33 AR-1260-3

R.T.: 6.621 min
Delta R.T.: -0.004 min
Response: 2317705
Conc: 20.24 ng/ml



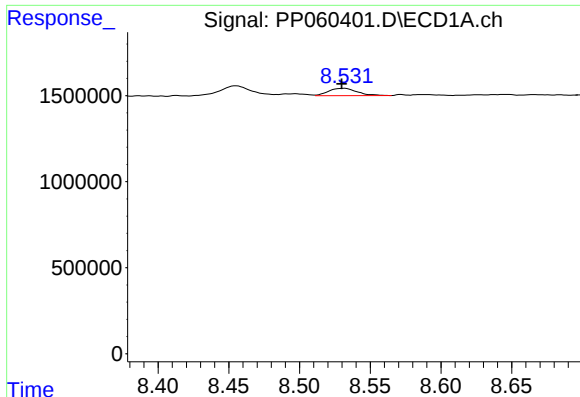
#34 AR-1260-4

R.T.: 8.183 min
Delta R.T.: -0.013 min
Response: 1945342
Conc: 18.34 ng/ml



#34 AR-1260-4

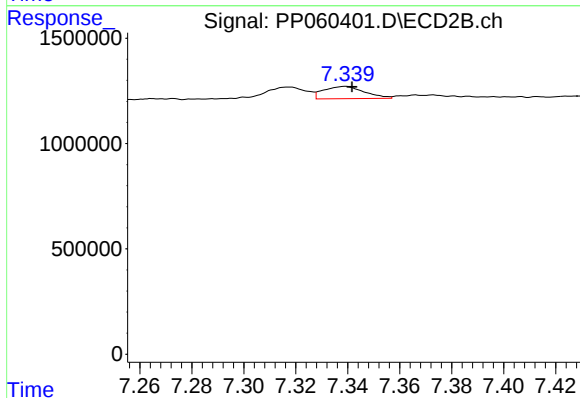
R.T.: 7.096 min
Delta R.T.: -0.004 min
Response: 291168
Conc: 3.06 ng/ml



#35 AR-1260-5

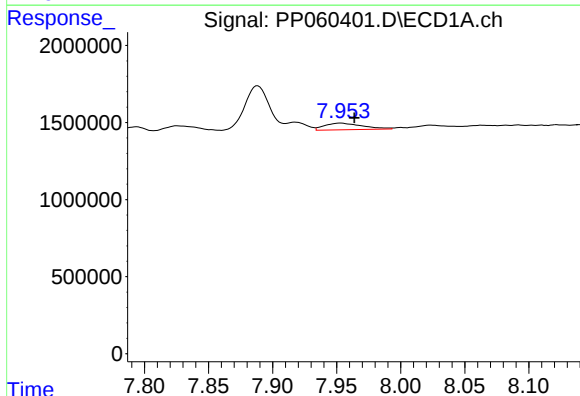
R.T.: 8.532 min
Delta R.T.: 0.002 min
Response: 607543
Conc: 3.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



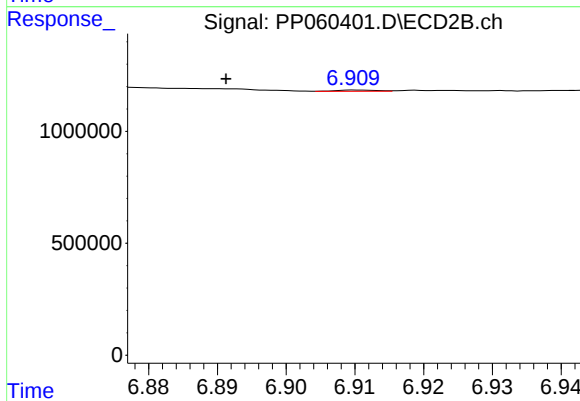
#35 AR-1260-5

R.T.: 7.339 min
Delta R.T.: -0.003 min
Response: 634538
Conc: 2.93 ng/ml



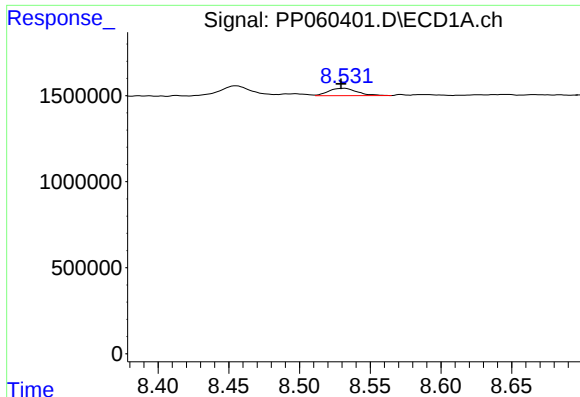
#36 AR-1262-1

R.T.: 7.953 min
Delta R.T.: -0.010 min
Response: 897365
Conc: 7.19 ng/ml



#36 AR-1262-1

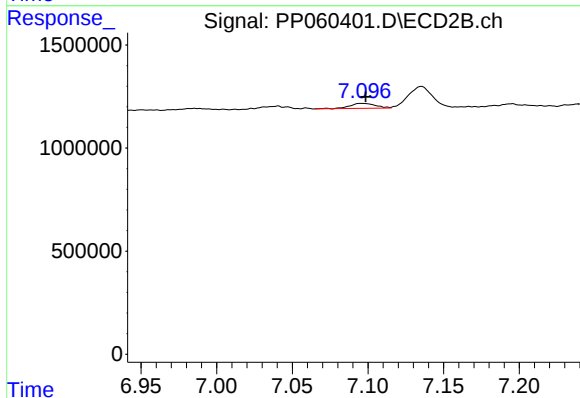
R.T.: 6.910 min
Delta R.T.: 0.019 min
Response: 21161
Conc: 0.40 ng/ml



#37 AR-1262-2

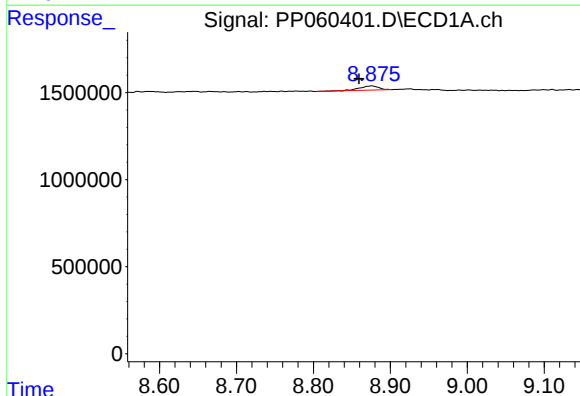
R.T.: 8.532 min
Delta R.T.: 0.003 min
Response: 607543
Conc: 2.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



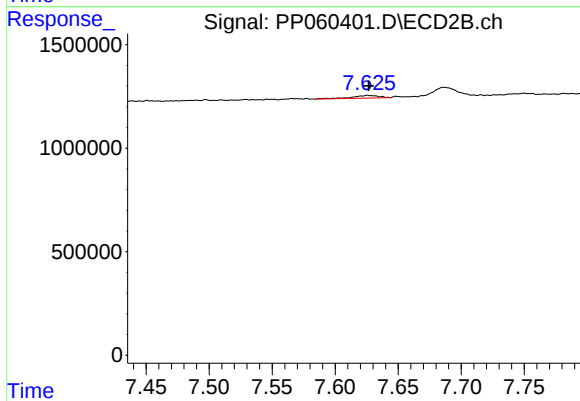
#37 AR-1262-2

R.T.: 7.096 min
Delta R.T.: -0.003 min
Response: 291168
Conc: 2.47 ng/ml



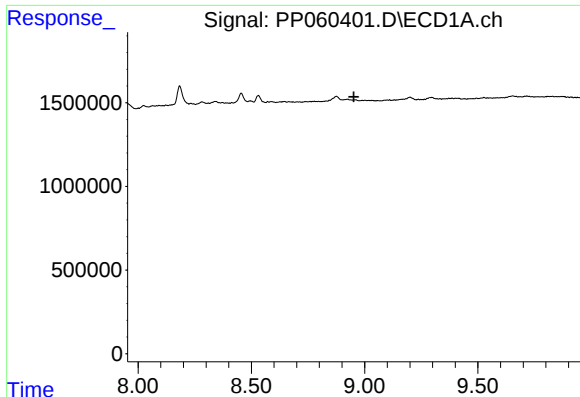
#38 AR-1262-3

R.T.: 8.876 min
Delta R.T.: 0.017 min
Response: 416772
Conc: 2.75 ng/ml



#38 AR-1262-3

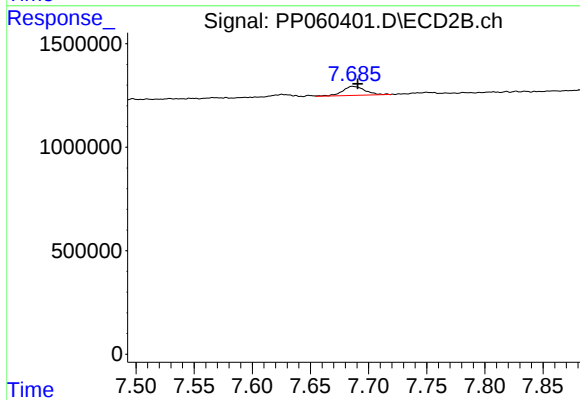
R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 183228
Conc: 1.99 ng/ml



#39 AR-1262-4

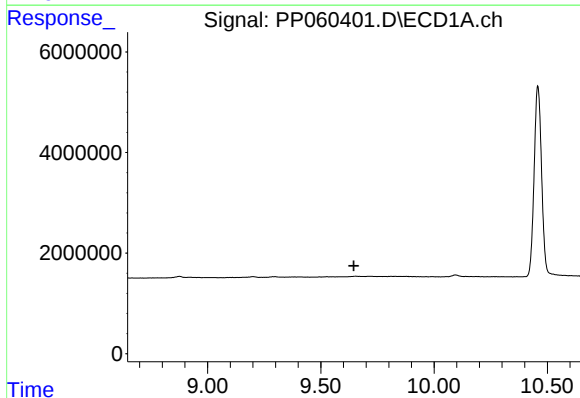
R.T.: 0.000 min
Exp R.T. : 8.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



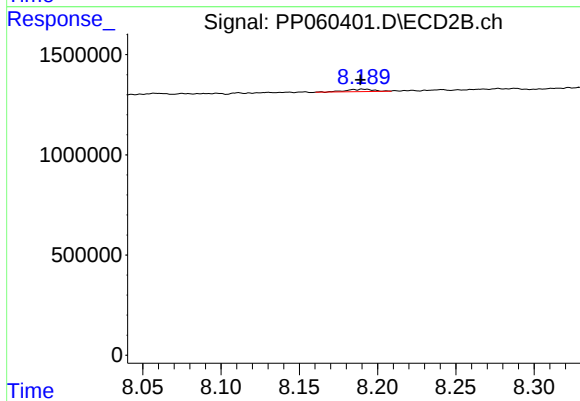
#39 AR-1262-4

R.T.: 7.686 min
Delta R.T.: -0.004 min
Response: 594693
Conc: 3.53 ng/ml



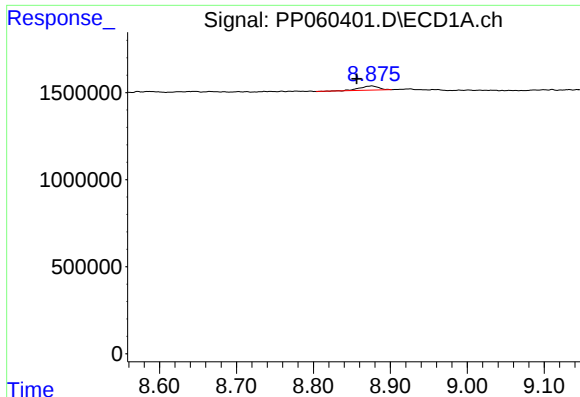
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.646 min
Response: 0
Conc: N.D.



#40 AR-1262-5

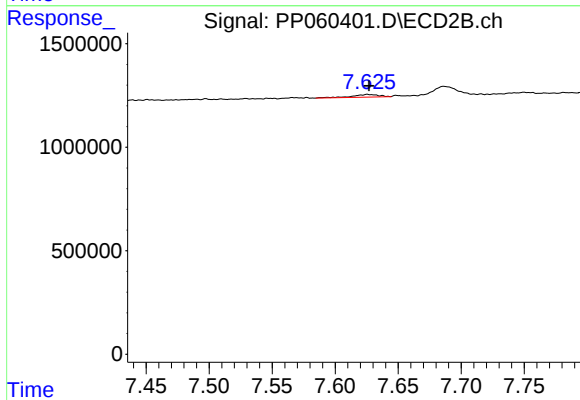
R.T.: 8.191 min
Delta R.T.: 0.002 min
Response: 149729
Conc: 1.93 ng/ml



#41 AR-1268-1

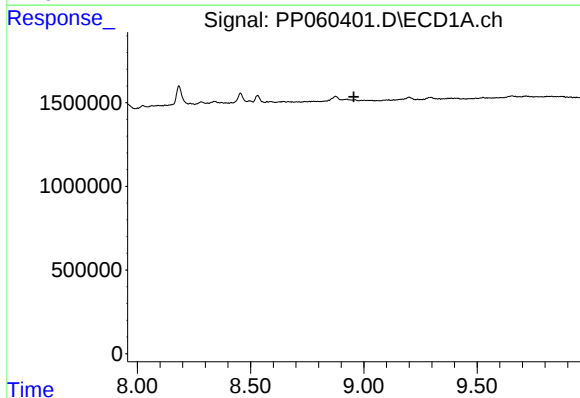
R.T.: 8.876 min
Delta R.T.: 0.020 min
Response: 416772
Conc: 1.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



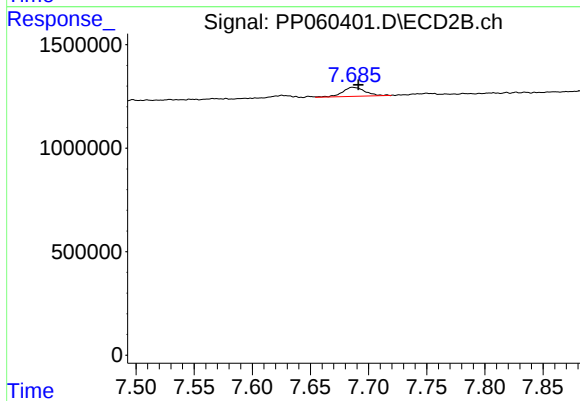
#41 AR-1268-1

R.T.: 7.626 min
Delta R.T.: -0.001 min
Response: 183228
Conc: 0.67 ng/ml



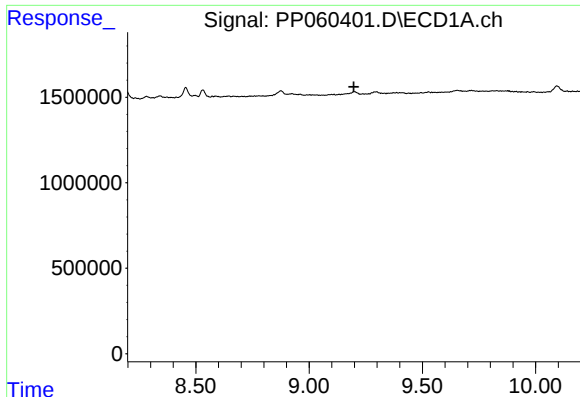
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.956 min
Response: 0
Conc: N.D.



#42 AR-1268-2

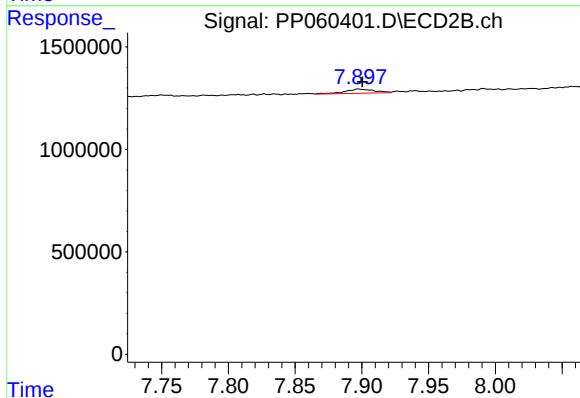
R.T.: 7.686 min
Delta R.T.: -0.005 min
Response: 594693
Conc: 2.44 ng/ml



#43 AR-1268-3

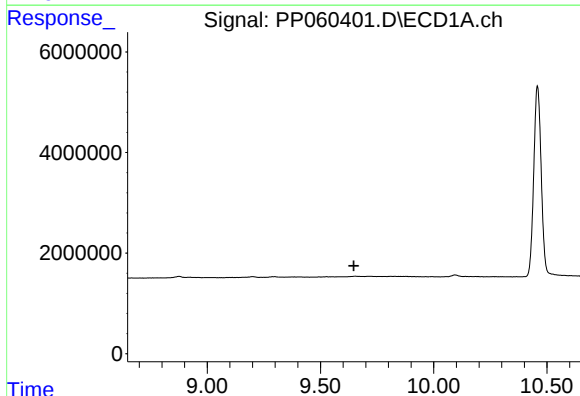
R.T.: 0.000 min
Exp R.T.: 9.198 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



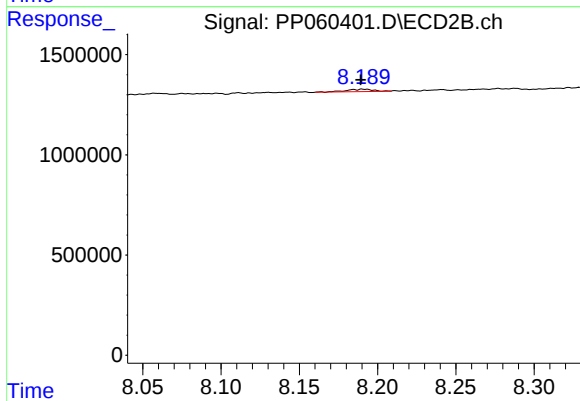
#43 AR-1268-3

R.T.: 7.898 min
Delta R.T.: -0.003 min
Response: 315811
Conc: 1.48 ng/ml



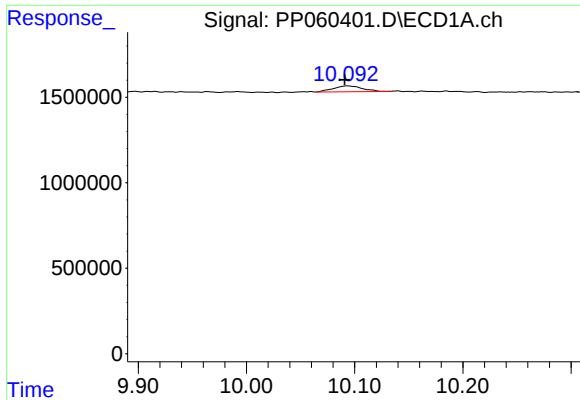
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.648 min
Response: 0
Conc: N.D.



#44 AR-1268-4

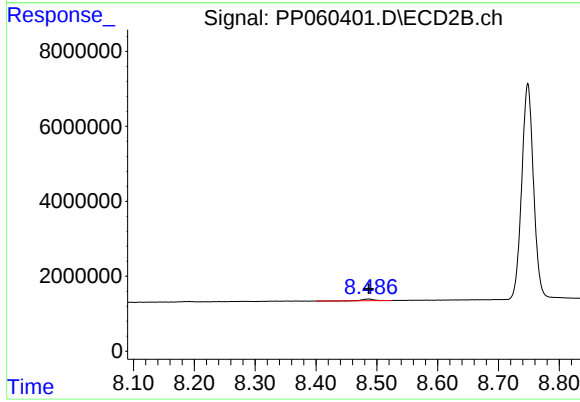
R.T.: 8.191 min
Delta R.T.: 0.002 min
Response: 149729
Conc: 1.71 ng/ml



#45 AR-1268-5

R.T.: 10.093 min
Delta R.T.: 0.002 min
Response: 640426
Conc: 1.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.487 min
Delta R.T.: 0.000 min
Response: 536656
Conc: 0.86 ng/ml