

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100923\
 Data File : PP060745.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2023 11:12
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 12:32:12 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...	4.531	3.683	110.7E6	75010925	49.418	50.393
2)	SA Decachlor...	10.462	8.747	86235400	75846620	48.844	46.498
Target Compounds							
3)	L1 AR-1016-1	5.718	4.780	31236348	24187683	424.380	416.242
4)	L1 AR-1016-2	5.742	4.800	44136876	32915349	421.423	408.858
5)	L1 AR-1016-3	5.805	4.977	27710580	18578832	423.992	415.703
6)	L1 AR-1016-4	5.905	5.020	23120052	14468700	425.162	402.090
7)	L1 AR-1016-5	6.204	5.235	23641102	19211992	425.026	395.390
8)	L2 AR-1221-1	4.738	3.898	4375272	3224821	151.462	154.370
9)	L2 AR-1221-2	4.830	3.986	5990264	4149102	280.377	278.260
10)	L2 AR-1221-3	4.907	4.063	19186732	13582671	315.940	309.205
11)	L3 AR-1232-1	4.907f	4.063	19186732	13582671	381.157	373.258
12)	L3 AR-1232-2	5.447f	4.800	25112932	32915349	917.107	902.573
13)	L3 AR-1232-3	5.742f	4.977	44136876	18578832	950.873	928.233
14)	L3 AR-1232-4	5.905f	5.062	23120052	18411506	940.619	986.459
15)	L3 AR-1232-5	5.997f	5.235	20382885	19211992	983.651	923.682
16)	L4 AR-1242-1	5.718	4.780	31236348	24187683	488.777	477.761
17)	L4 AR-1242-2	5.742	4.800	44136876	32915349	487.451	473.981
18)	L4 AR-1242-3	5.805	4.977	27710580	18578832	492.189	482.433
19)	L4 AR-1242-4	5.905	5.062	23120052	18411506	495.013	467.500
20)	L4 AR-1242-5	6.651	5.589	24439214	22706074	485.908	464.174
21)	L5 AR-1248-1	5.718	4.780	31236348	24187683	671.397	662.792
22)	L5 AR-1248-2	5.997	5.020	20382885	14468700	293.976	276.797
23)	L5 AR-1248-3	6.204	5.062	23641102	18411506	311.274	331.594
24)	L5 AR-1248-4	6.612	5.235	23389199	19211992	282.800	291.855
25)	L5 AR-1248-5	6.651	5.631	24439214	19167386	303.657	297.990
26)	L6 AR-1254-1	6.584	5.589	17911886	22706074	209.888	229.543
27)	L6 AR-1254-2	6.811	5.738	21158901	5706962	165.788	66.404 #
28)	L6 AR-1254-3	7.177	6.145	9173269	7935789	69.015	55.369
29)	L6 AR-1254-4	7.466	6.374	6946262	5986699	70.636	68.684
30)	L6 AR-1254-5	7.890	6.796	2821170	2075440	26.039	16.378 #
31)	L7 AR-1260-1	7.347	6.291	1530471	2866007	14.600	28.553 #
32)	L7 AR-1260-2	7.605	6.464	2575675	975847	21.303	8.179 #
33)	L7 AR-1260-3	7.969	6.618	674649	1266606	7.279	11.063 #
34)	L7 AR-1260-4	8.183	7.106	2898050	25050	27.327	0.263 #
35)	L7 AR-1260-5	0.000	7.338	0	231372	N.D.	1.068 #
36)	L8 AR-1262-1	7.969	6.910f	674649	198274	5.409	3.703 #
37)	L8 AR-1262-2	0.000	7.092	0	105921	N.D.	0.898 #
38)	L8 AR-1262-3	0.000	7.640	0	347561	N.D.	3.769 #
39)	L8 AR-1262-4	0.000	7.689	0	361737	N.D.	2.147 #
41)	L9 AR-1268-1	0.000	7.640	0	347561	N.D.	1.279 #
42)	L9 AR-1268-2	0.000	7.689	0	361737	N.D.	1.483 #

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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
43) L9	AR-1268-3	0.000	7.901	0	338326	N.D.	1.582 #
45) L9	AR-1268-5	10.098	8.485	623624	541536	0.985	0.866

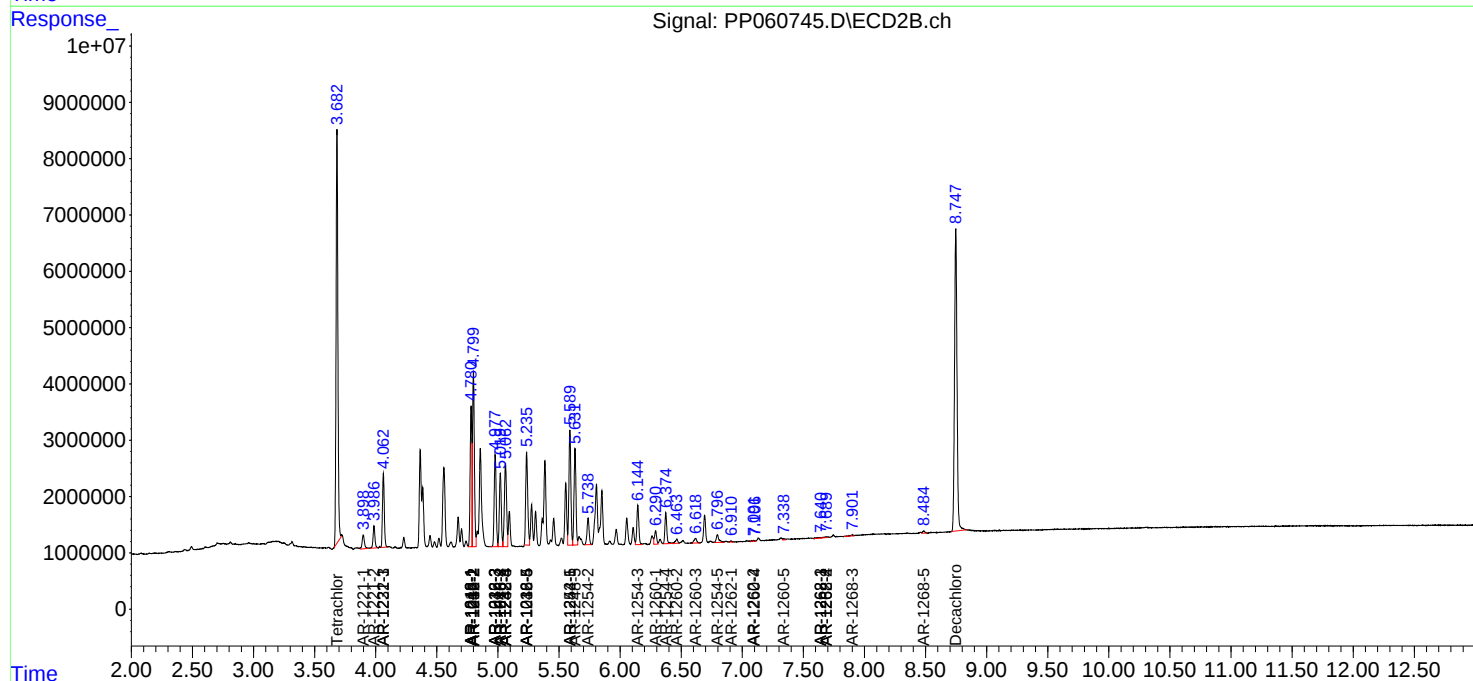
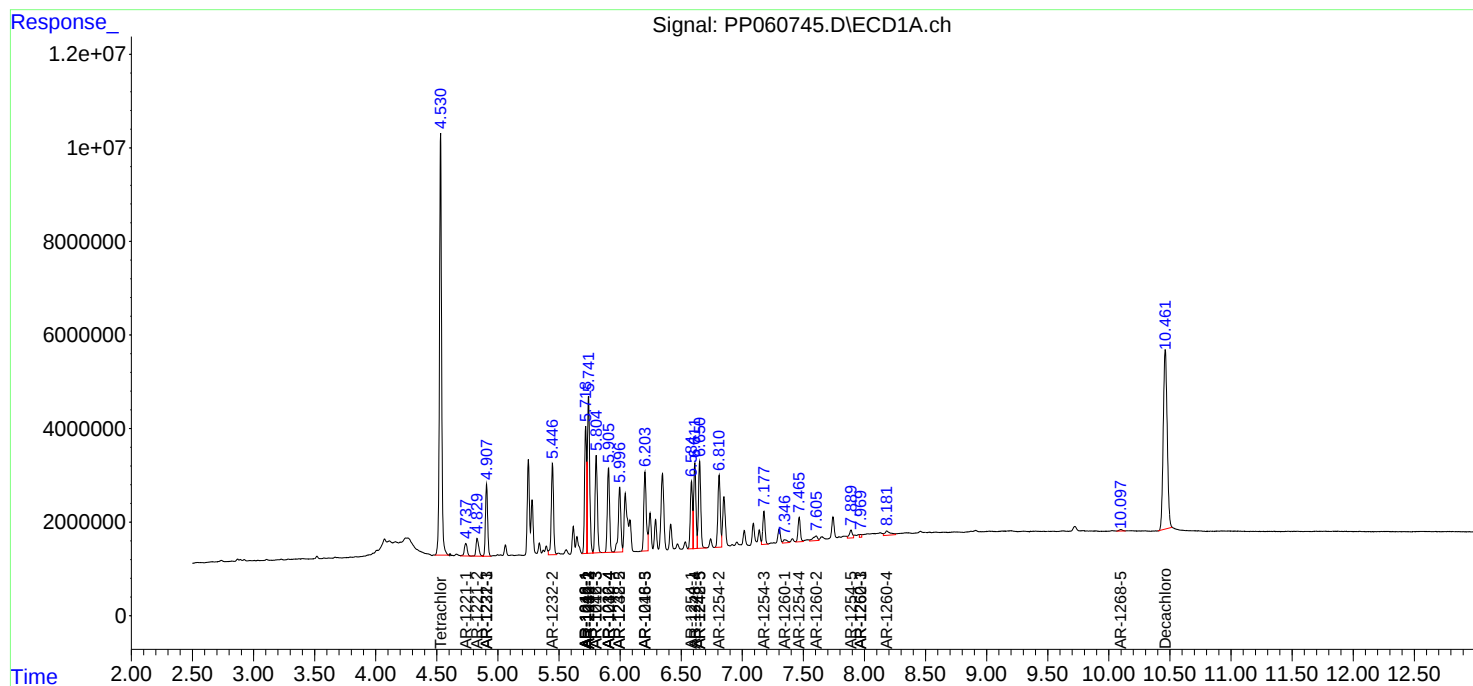
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

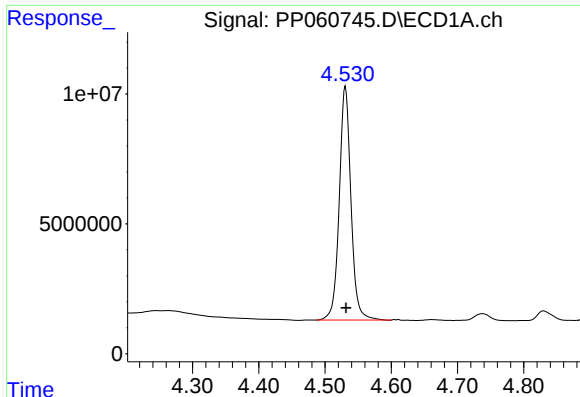
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

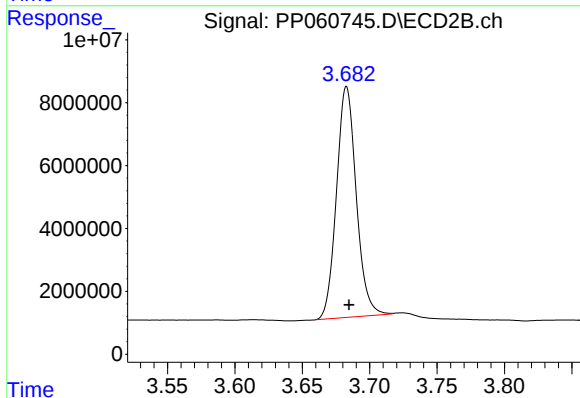




#1 Tetrachloro-m-xylene

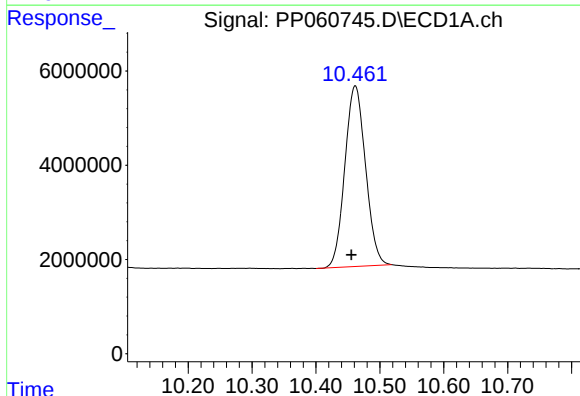
R.T.: 4.531 min
Delta R.T.: -0.001 min
Response: 110671338
Conc: 49.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



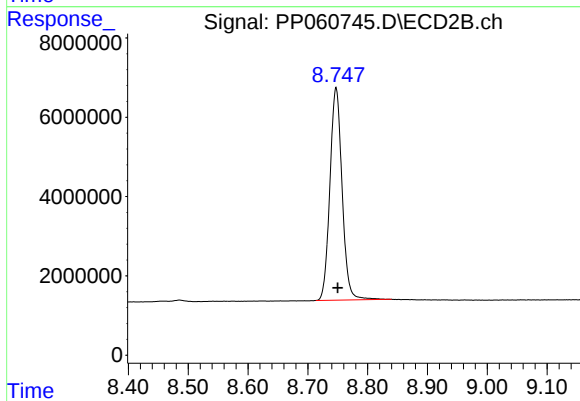
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.002 min
Response: 75010925
Conc: 50.39 ng/ml



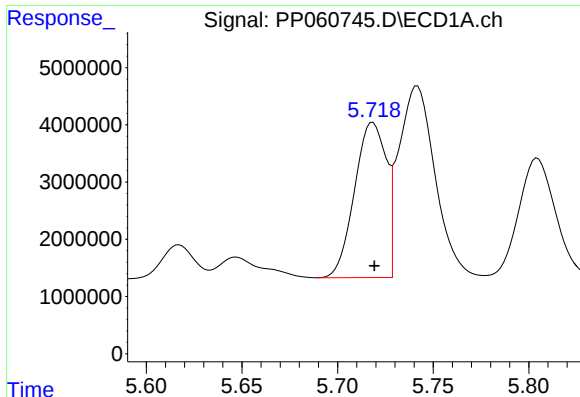
#2 Decachlorobiphenyl

R.T.: 10.462 min
Delta R.T.: 0.006 min
Response: 86235400
Conc: 48.84 ng/ml



#2 Decachlorobiphenyl

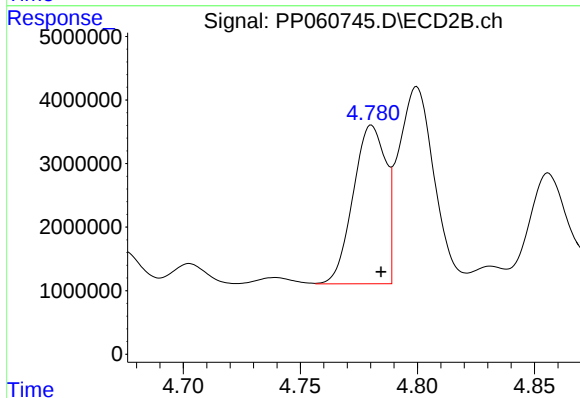
R.T.: 8.747 min
Delta R.T.: -0.003 min
Response: 75846620
Conc: 46.50 ng/ml



#3 AR-1016-1

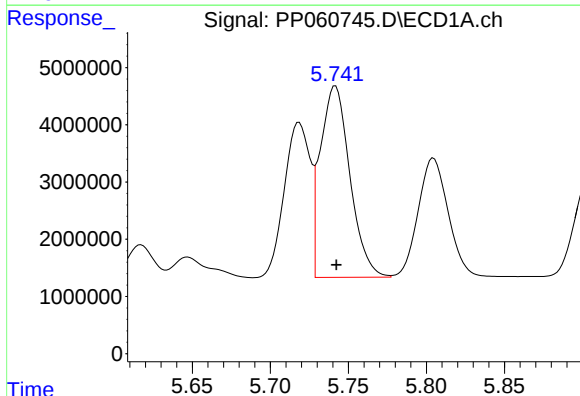
R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 31236348
Conc: 424.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



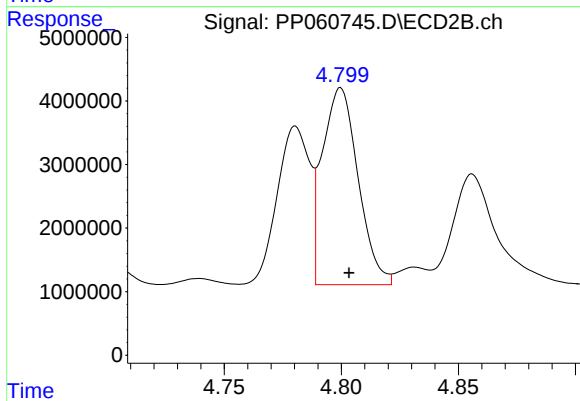
#3 AR-1016-1

R.T.: 4.780 min
Delta R.T.: -0.004 min
Response: 24187683
Conc: 416.24 ng/ml



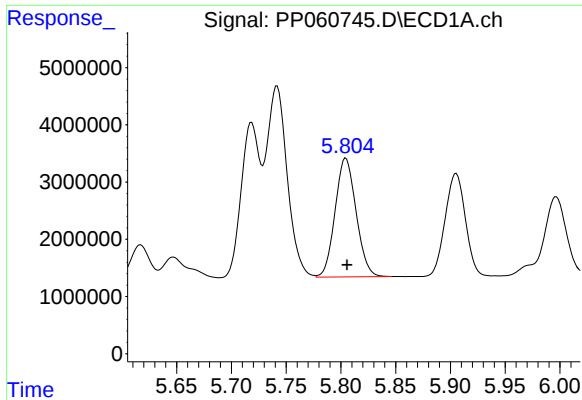
#4 AR-1016-2

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 44136876
Conc: 421.42 ng/ml



#4 AR-1016-2

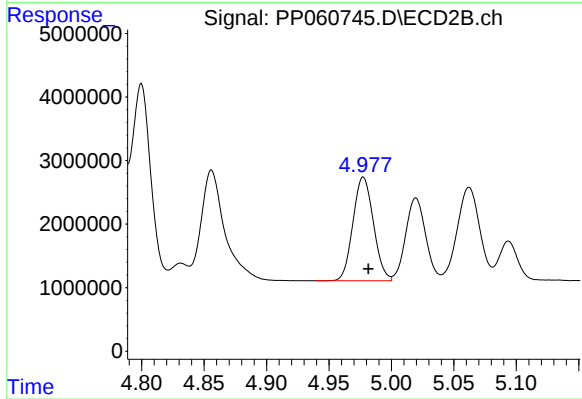
R.T.: 4.800 min
Delta R.T.: -0.004 min
Response: 32915349
Conc: 408.86 ng/ml



#5 AR-1016-3

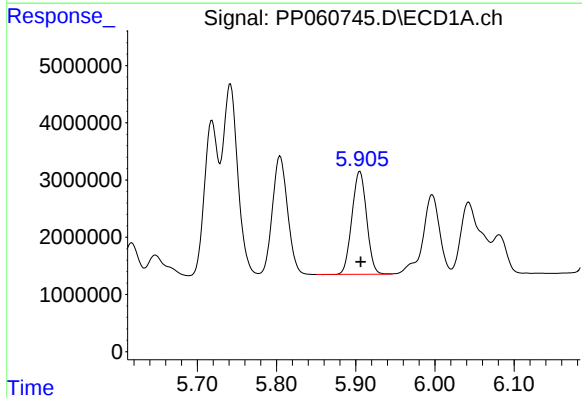
R.T.: 5.805 min
Delta R.T.: -0.001 min
Response: 27710580
Conc: 423.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



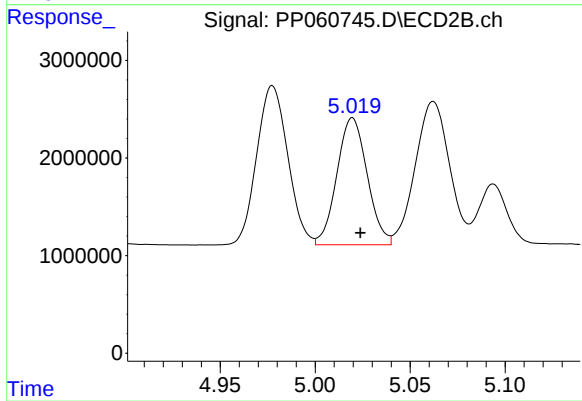
#5 AR-1016-3

R.T.: 4.977 min
Delta R.T.: -0.004 min
Response: 18578832
Conc: 415.70 ng/ml



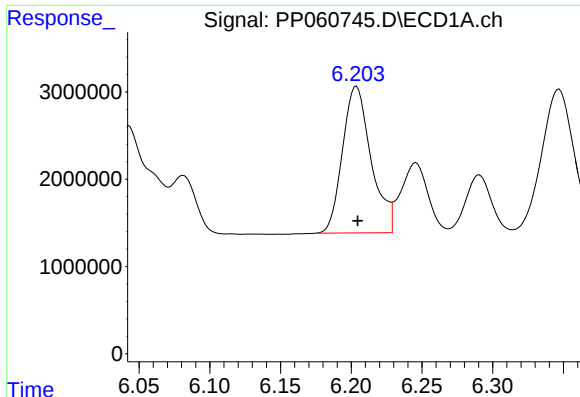
#6 AR-1016-4

R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 23120052
Conc: 425.16 ng/ml



#6 AR-1016-4

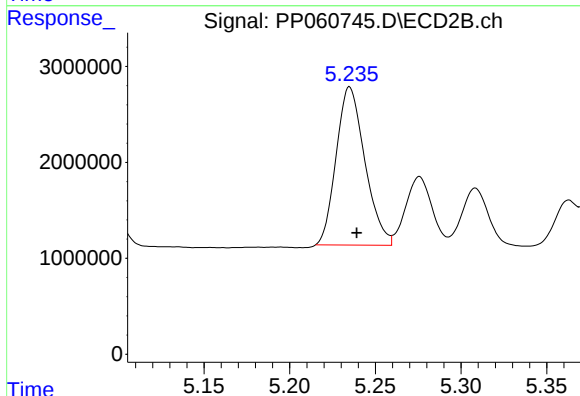
R.T.: 5.020 min
Delta R.T.: -0.004 min
Response: 14468700
Conc: 402.09 ng/ml



#7 AR-1016-5

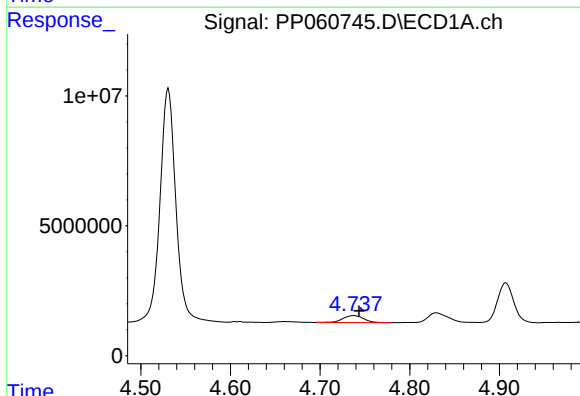
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 23641102
Conc: 425.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



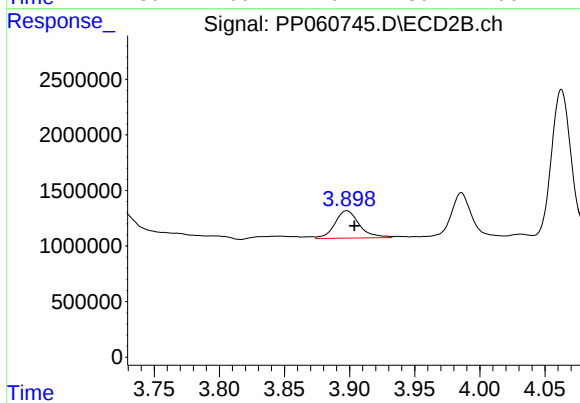
#7 AR-1016-5

R.T.: 5.235 min
Delta R.T.: -0.004 min
Response: 19211992
Conc: 395.39 ng/ml



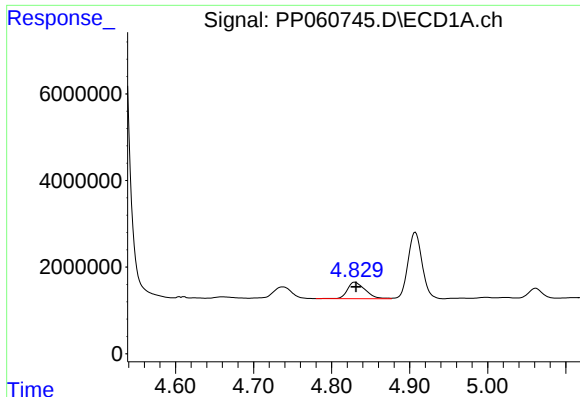
#8 AR-1221-1

R.T.: 4.738 min
Delta R.T.: -0.006 min
Response: 4375272
Conc: 151.46 ng/ml



#8 AR-1221-1

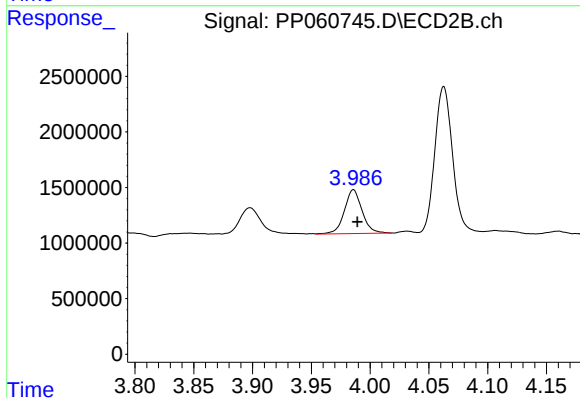
R.T.: 3.898 min
Delta R.T.: -0.006 min
Response: 3224821
Conc: 154.37 ng/ml



#9 AR-1221-2

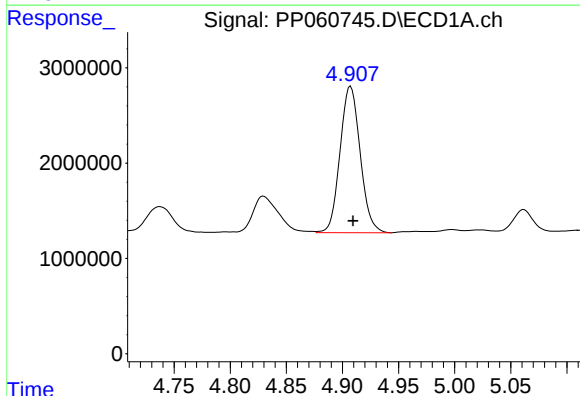
R.T.: 4.830 min
Delta R.T.: -0.001 min
Response: 5990264
Conc: 280.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



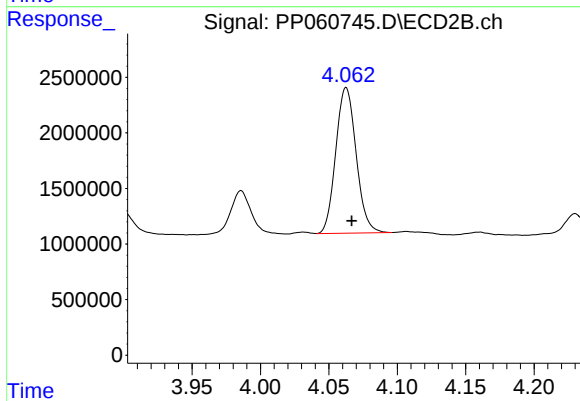
#9 AR-1221-2

R.T.: 3.986 min
Delta R.T.: -0.003 min
Response: 4149102
Conc: 278.26 ng/ml



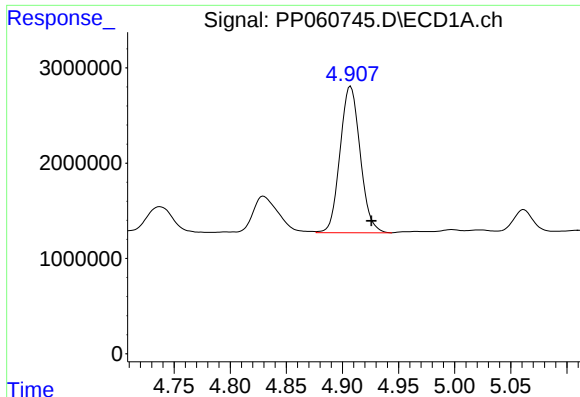
#10 AR-1221-3

R.T.: 4.907 min
Delta R.T.: -0.002 min
Response: 19186732
Conc: 315.94 ng/ml



#10 AR-1221-3

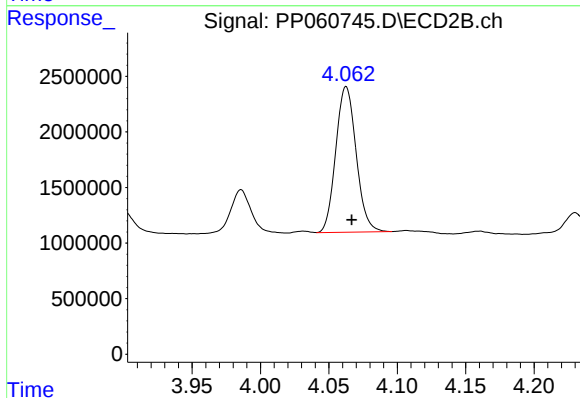
R.T.: 4.063 min
Delta R.T.: -0.004 min
Response: 13582671
Conc: 309.20 ng/ml



#11 AR-1232-1

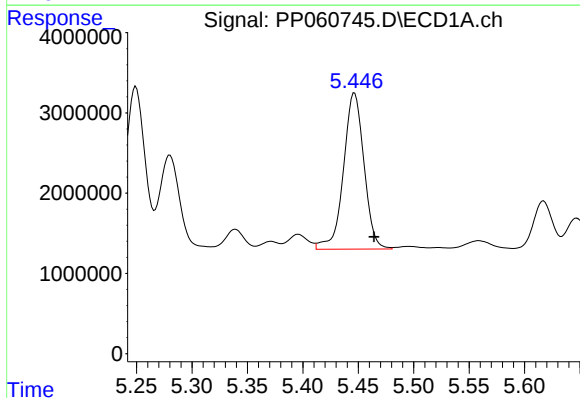
R.T.: 4.907 min
Delta R.T.: -0.018 min
Response: 19186732
Conc: 381.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



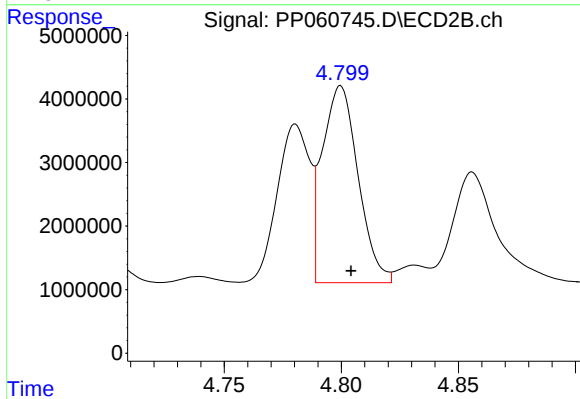
#11 AR-1232-1

R.T.: 4.063 min
Delta R.T.: -0.004 min
Response: 13582671
Conc: 373.26 ng/ml



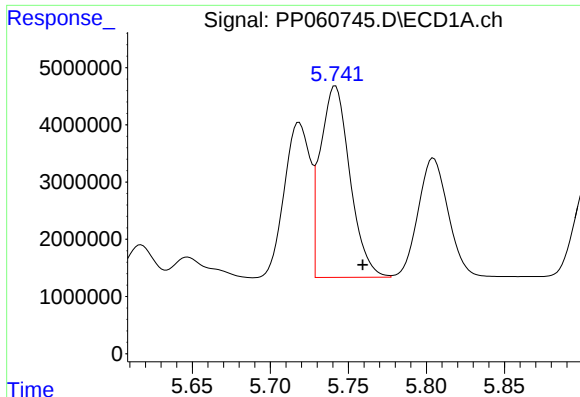
#12 AR-1232-2

R.T.: 5.447 min
Delta R.T.: -0.018 min
Response: 25112932
Conc: 917.11 ng/ml



#12 AR-1232-2

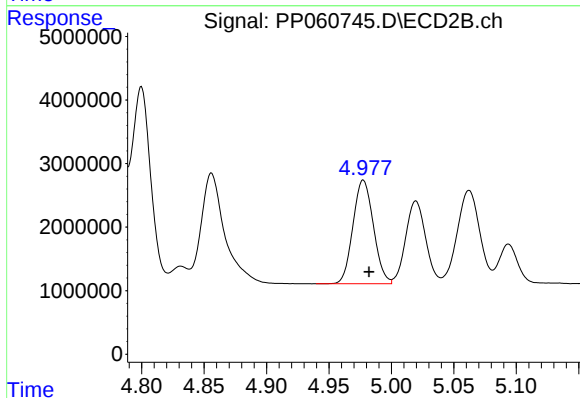
R.T.: 4.800 min
Delta R.T.: -0.004 min
Response: 32915349
Conc: 902.57 ng/ml



#13 AR-1232-3

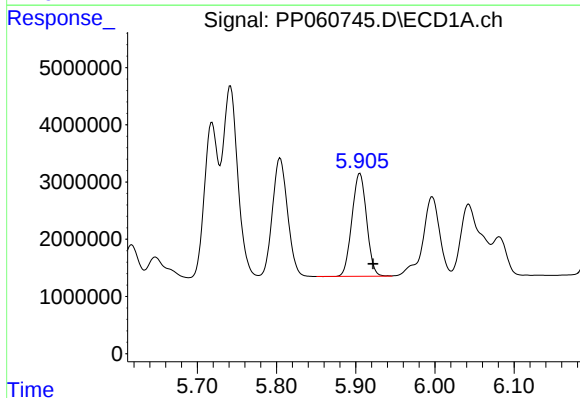
R.T.: 5.742 min
Delta R.T.: -0.017 min
Response: 44136876
Conc: 950.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



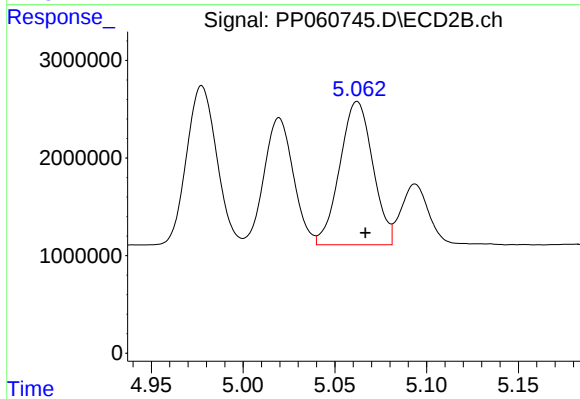
#13 AR-1232-3

R.T.: 4.977 min
Delta R.T.: -0.005 min
Response: 18578832
Conc: 928.23 ng/ml



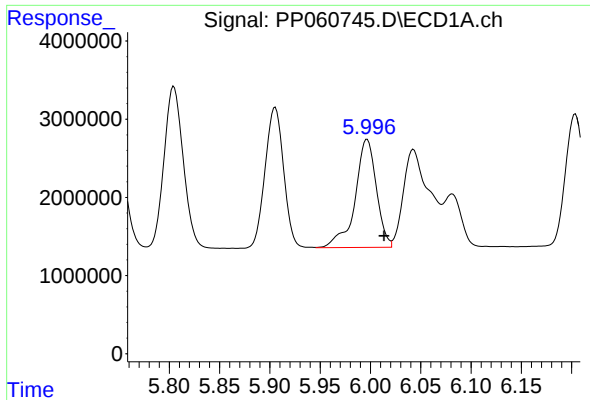
#14 AR-1232-4

R.T.: 5.905 min
Delta R.T.: -0.017 min
Response: 23120052
Conc: 940.62 ng/ml



#14 AR-1232-4

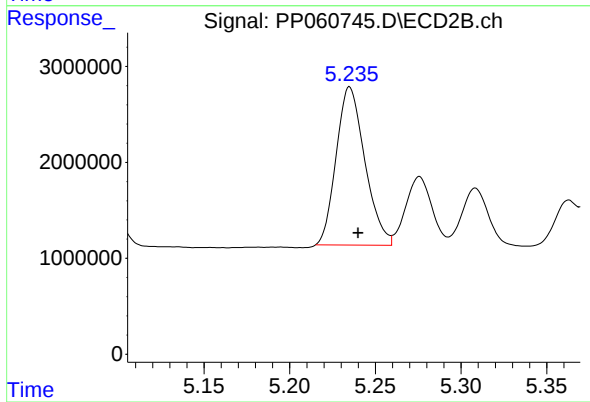
R.T.: 5.062 min
Delta R.T.: -0.004 min
Response: 18411506
Conc: 986.46 ng/ml



#15 AR-1232-5

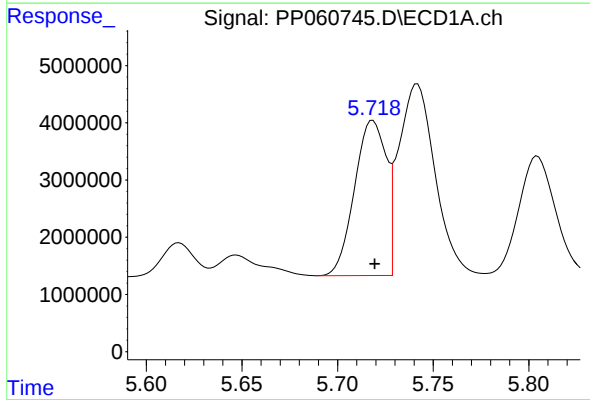
R.T.: 5.997 min
Delta R.T.: -0.017 min
Response: 20382885
Conc: 983.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



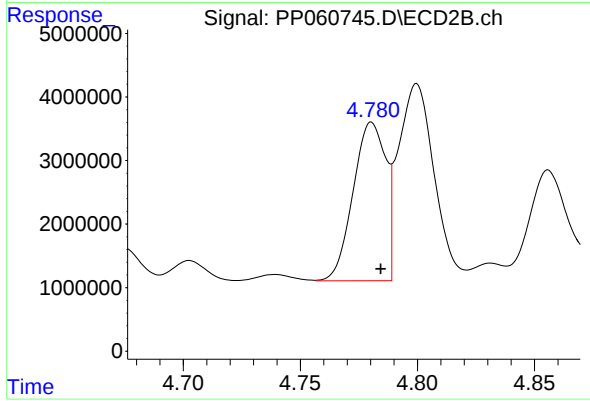
#15 AR-1232-5

R.T.: 5.235 min
Delta R.T.: -0.005 min
Response: 19211992
Conc: 923.68 ng/ml



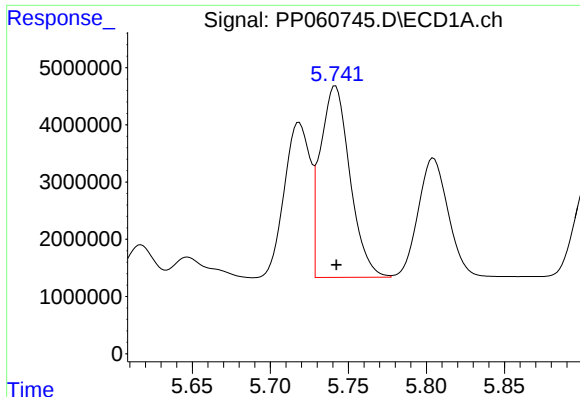
#16 AR-1242-1

R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 31236348
Conc: 488.78 ng/ml



#16 AR-1242-1

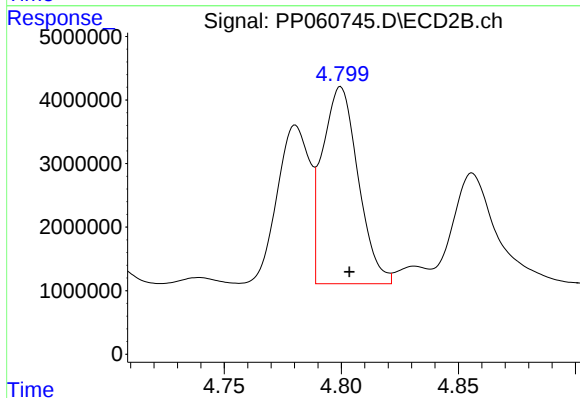
R.T.: 4.780 min
Delta R.T.: -0.004 min
Response: 24187683
Conc: 477.76 ng/ml



#17 AR-1242-2

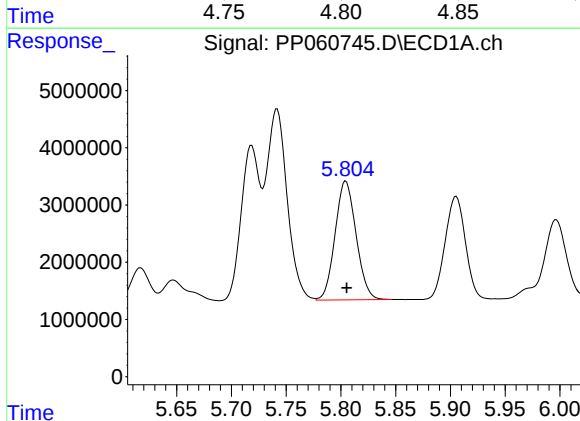
R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 44136876
Conc: 487.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



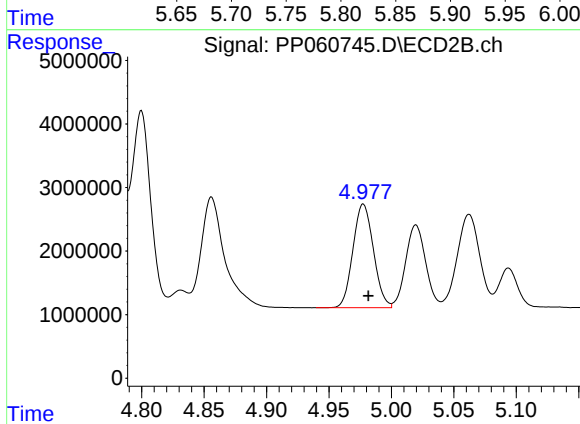
#17 AR-1242-2

R.T.: 4.800 min
Delta R.T.: -0.004 min
Response: 32915349
Conc: 473.98 ng/ml



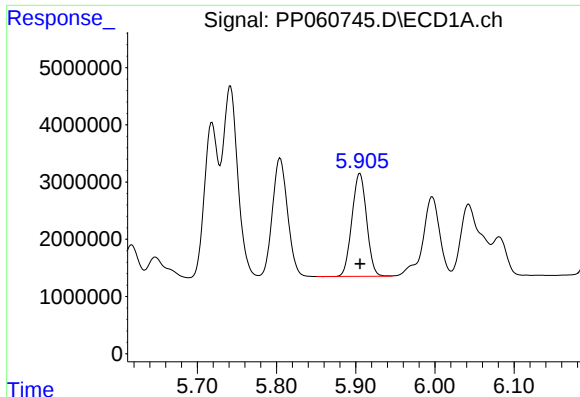
#18 AR-1242-3

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 27710580
Conc: 492.19 ng/ml



#18 AR-1242-3

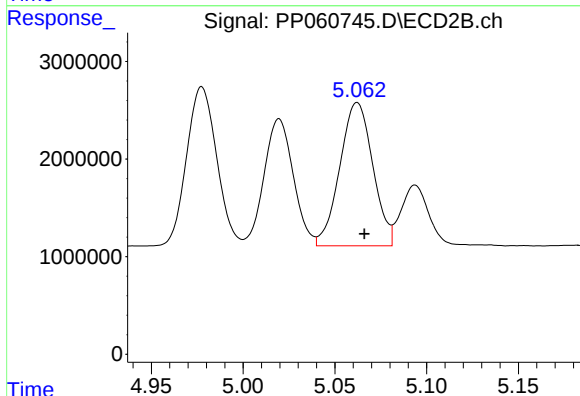
R.T.: 4.977 min
Delta R.T.: -0.004 min
Response: 18578832
Conc: 482.43 ng/ml



#19 AR-1242-4

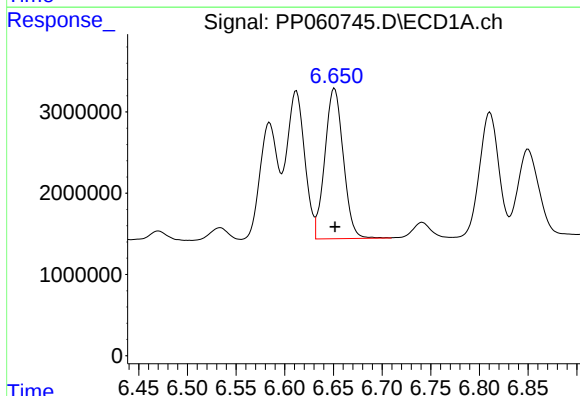
R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 23120052
Conc: 495.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



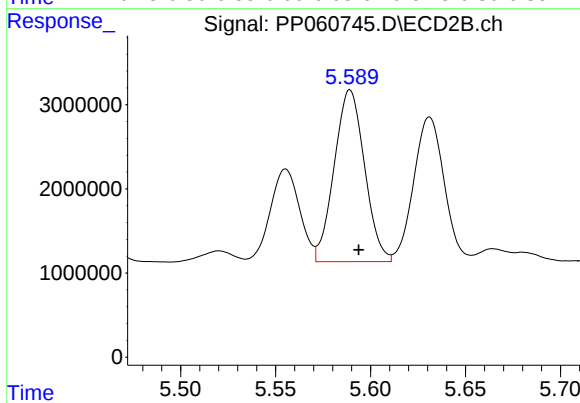
#19 AR-1242-4

R.T.: 5.062 min
Delta R.T.: -0.004 min
Response: 18411506
Conc: 467.50 ng/ml



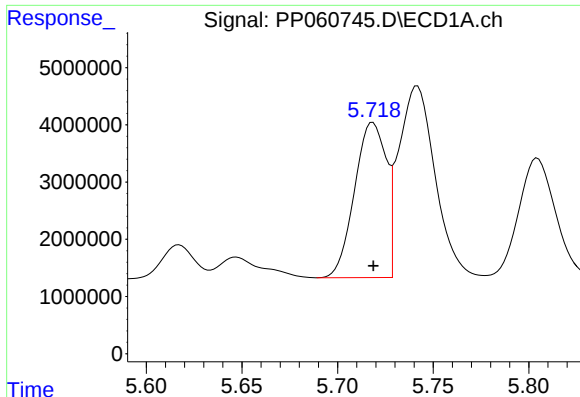
#20 AR-1242-5

R.T.: 6.651 min
Delta R.T.: 0.000 min
Response: 24439214
Conc: 485.91 ng/ml



#20 AR-1242-5

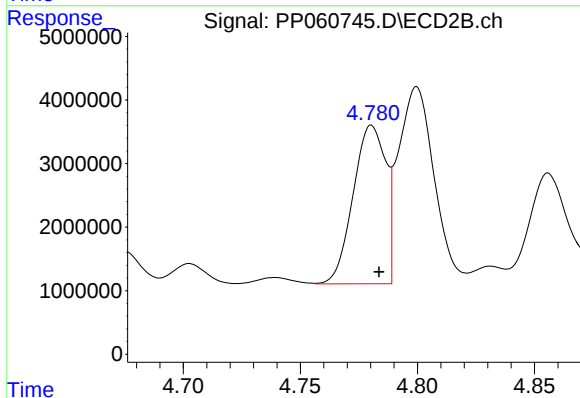
R.T.: 5.589 min
Delta R.T.: -0.005 min
Response: 22706074
Conc: 464.17 ng/ml



#21 AR-1248-1

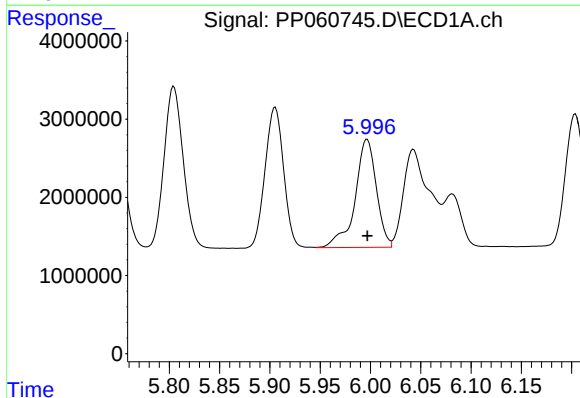
R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 31236348
Conc: 671.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



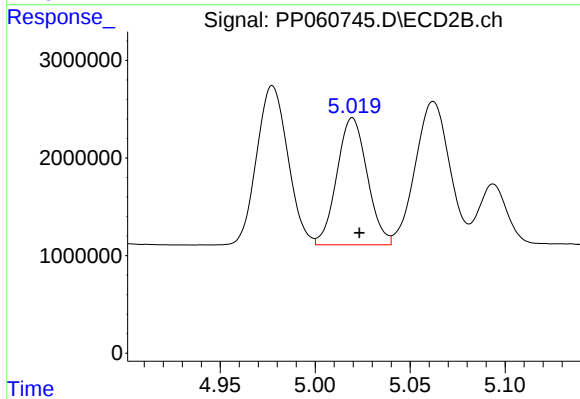
#21 AR-1248-1

R.T.: 4.780 min
Delta R.T.: -0.003 min
Response: 24187683
Conc: 662.79 ng/ml



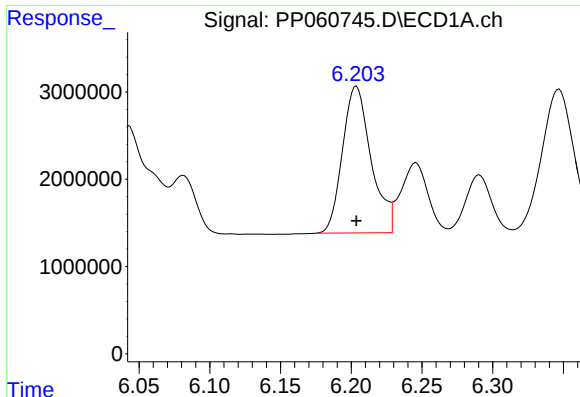
#22 AR-1248-2

R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 20382885
Conc: 293.98 ng/ml



#22 AR-1248-2

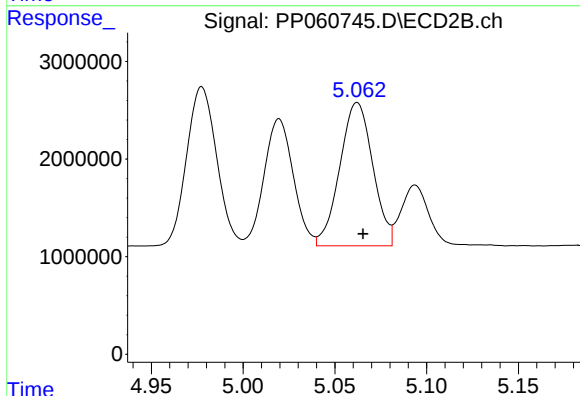
R.T.: 5.020 min
Delta R.T.: -0.004 min
Response: 14468700
Conc: 276.80 ng/ml



#23 AR-1248-3

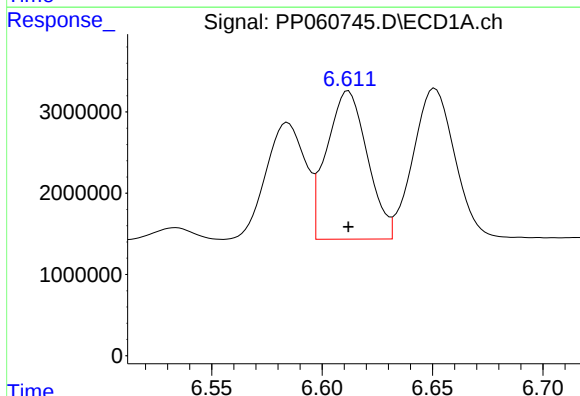
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 23641102
Conc: 311.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



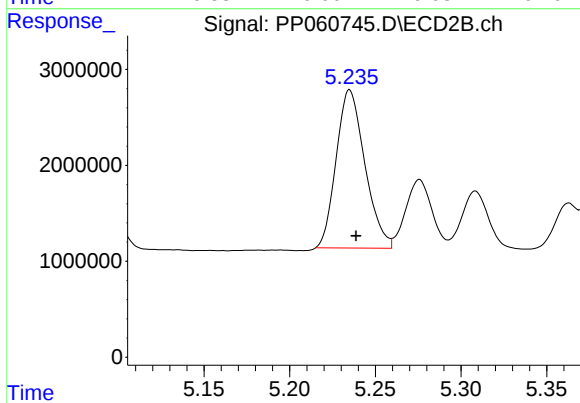
#23 AR-1248-3

R.T.: 5.062 min
Delta R.T.: -0.003 min
Response: 18411506
Conc: 331.59 ng/ml



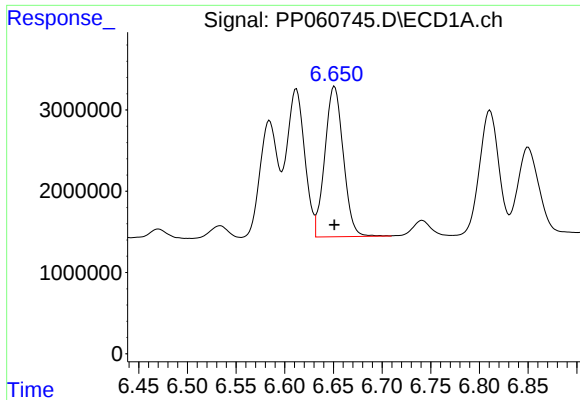
#24 AR-1248-4

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 23389199
Conc: 282.80 ng/ml



#24 AR-1248-4

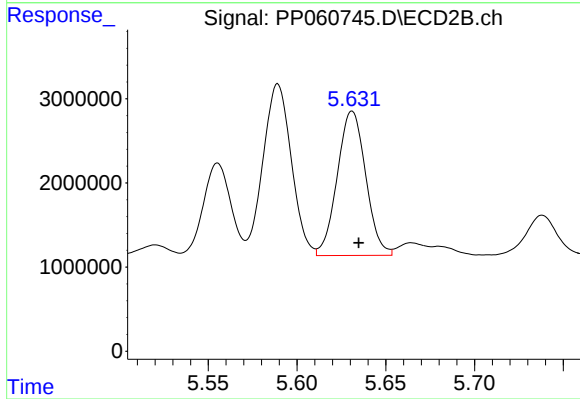
R.T.: 5.235 min
Delta R.T.: -0.004 min
Response: 19211992
Conc: 291.86 ng/ml



#25 AR-1248-5

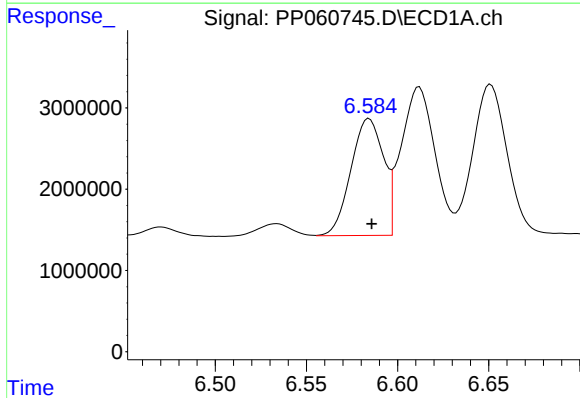
R.T.: 6.651 min
Delta R.T.: 0.000 min
Response: 24439214
Conc: 303.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



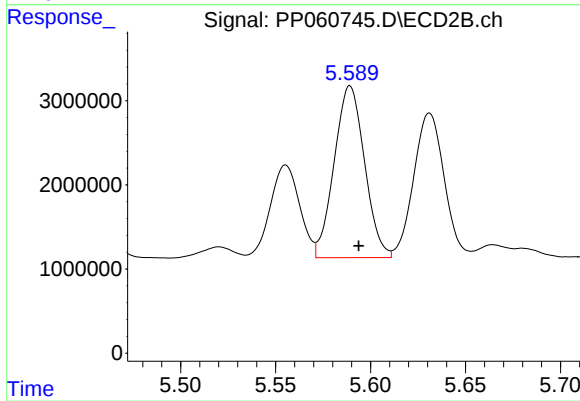
#25 AR-1248-5

R.T.: 5.631 min
Delta R.T.: -0.004 min
Response: 19167386
Conc: 297.99 ng/ml



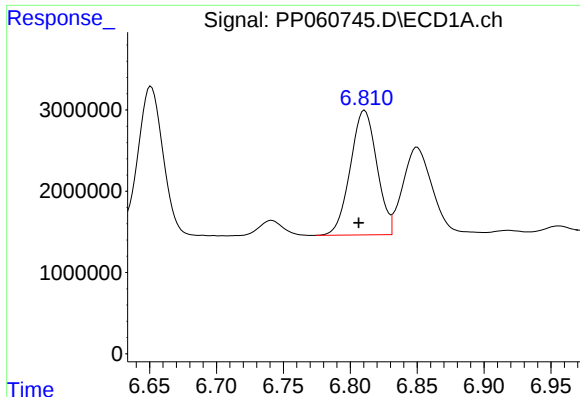
#26 AR-1254-1

R.T.: 6.584 min
Delta R.T.: -0.002 min
Response: 17911886
Conc: 209.89 ng/ml



#26 AR-1254-1

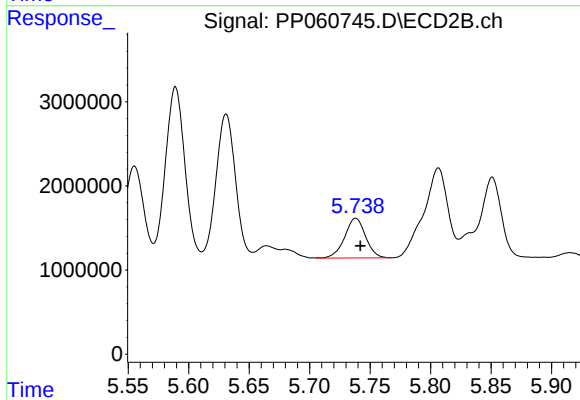
R.T.: 5.589 min
Delta R.T.: -0.005 min
Response: 22706074
Conc: 229.54 ng/ml



#27 AR-1254-2

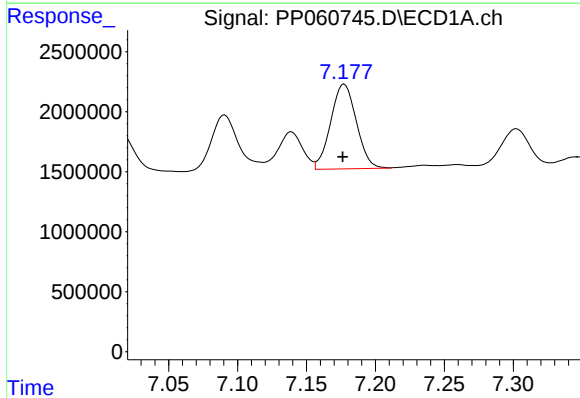
R.T.: 6.811 min
Delta R.T.: 0.004 min
Response: 21158901
Conc: 165.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



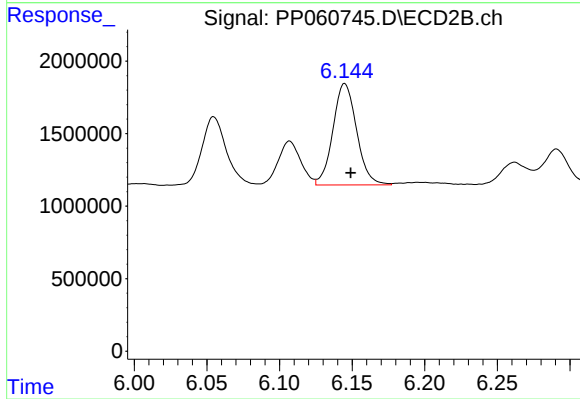
#27 AR-1254-2

R.T.: 5.738 min
Delta R.T.: -0.004 min
Response: 5706962
Conc: 66.40 ng/ml



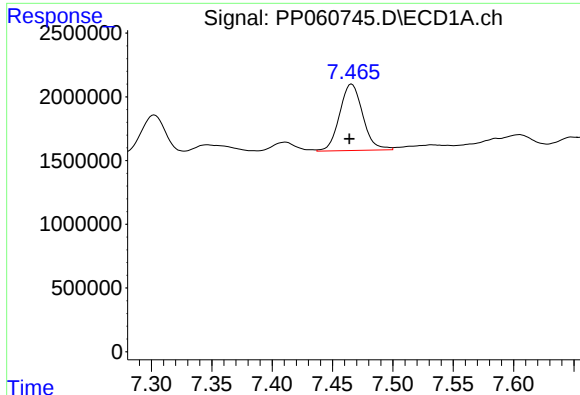
#28 AR-1254-3

R.T.: 7.177 min
Delta R.T.: 0.001 min
Response: 9173269
Conc: 69.02 ng/ml



#28 AR-1254-3

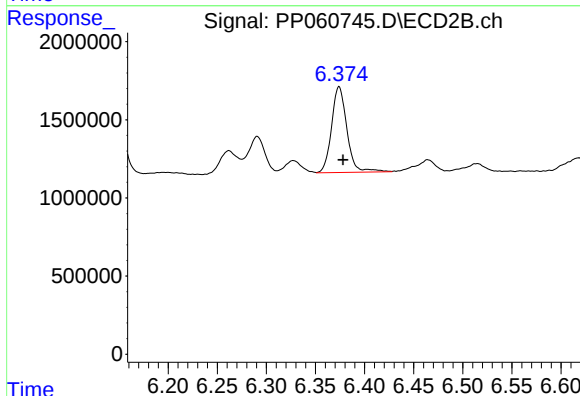
R.T.: 6.145 min
Delta R.T.: -0.004 min
Response: 7935789
Conc: 55.37 ng/ml



#29 AR-1254-4

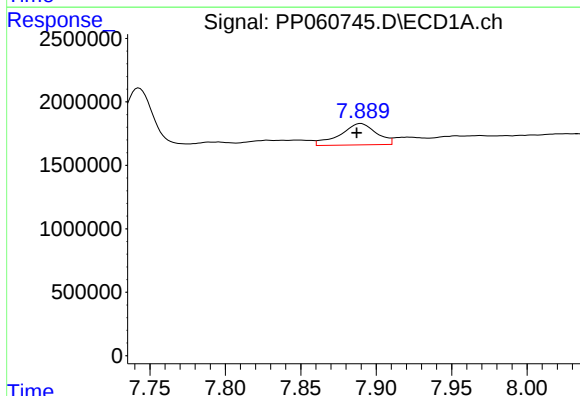
R.T.: 7.466 min
Delta R.T.: 0.002 min
Response: 6946262
Conc: 70.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



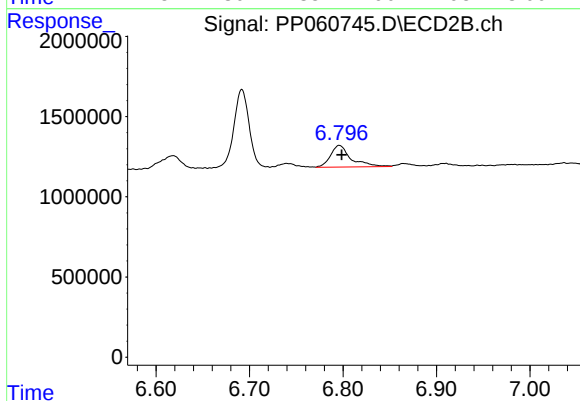
#29 AR-1254-4

R.T.: 6.374 min
Delta R.T.: -0.004 min
Response: 5986699
Conc: 68.68 ng/ml



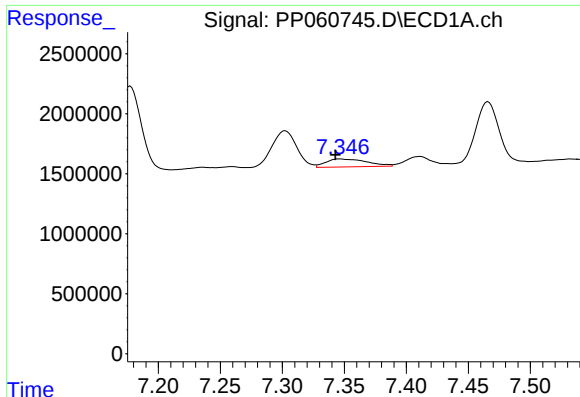
#30 AR-1254-5

R.T.: 7.890 min
Delta R.T.: 0.003 min
Response: 2821170
Conc: 26.04 ng/ml



#30 AR-1254-5

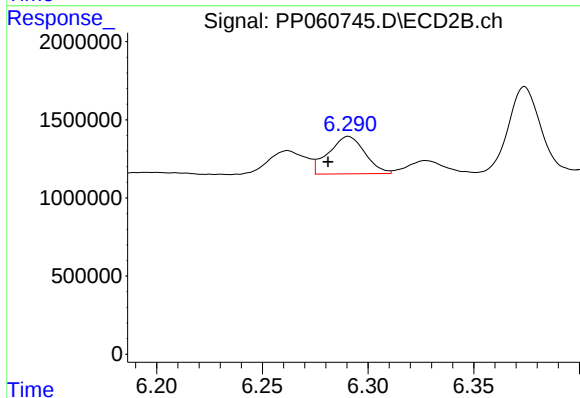
R.T.: 6.796 min
Delta R.T.: -0.003 min
Response: 2075440
Conc: 16.38 ng/ml



#31 AR-1260-1

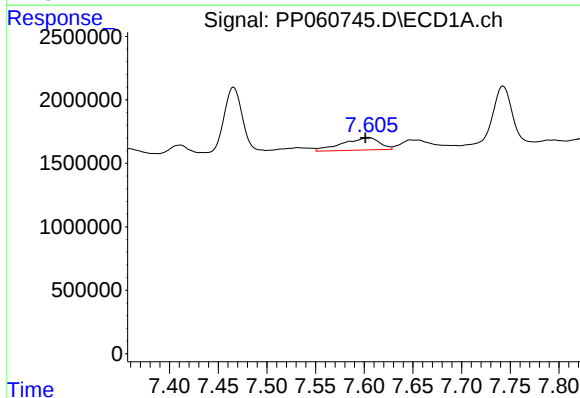
R.T.: 7.347 min
Delta R.T.: 0.004 min
Response: 1530471
Conc: 14.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



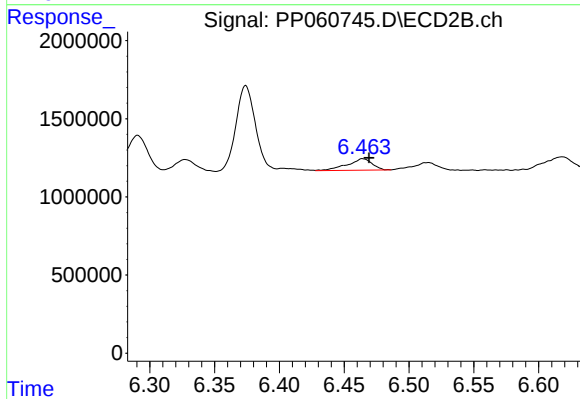
#31 AR-1260-1

R.T.: 6.291 min
Delta R.T.: 0.010 min
Response: 2866007
Conc: 28.55 ng/ml



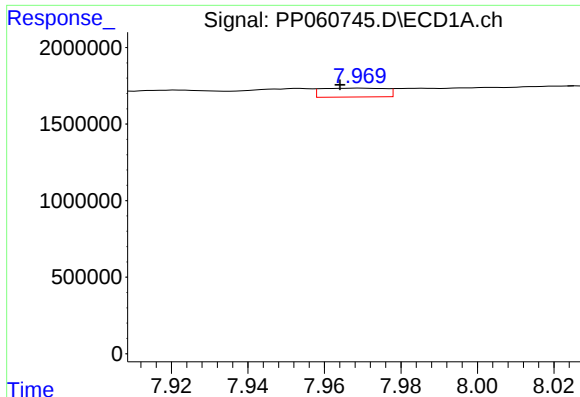
#32 AR-1260-2

R.T.: 7.605 min
Delta R.T.: 0.004 min
Response: 2575675
Conc: 21.30 ng/ml



#32 AR-1260-2

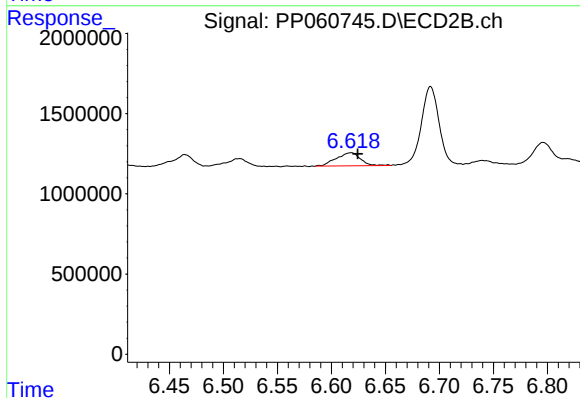
R.T.: 6.464 min
Delta R.T.: -0.005 min
Response: 975847
Conc: 8.18 ng/ml



#33 AR-1260-3

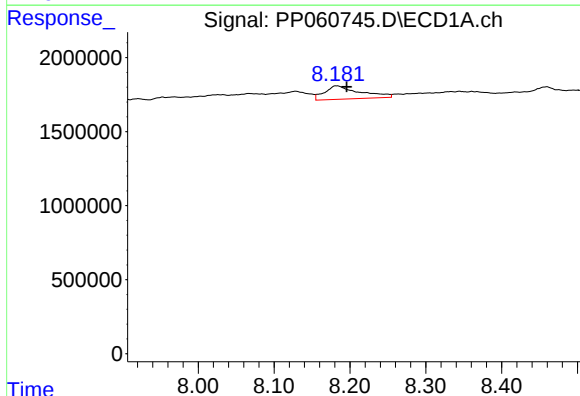
R.T.: 7.969 min
Delta R.T.: 0.005 min
Response: 674649
Conc: 7.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



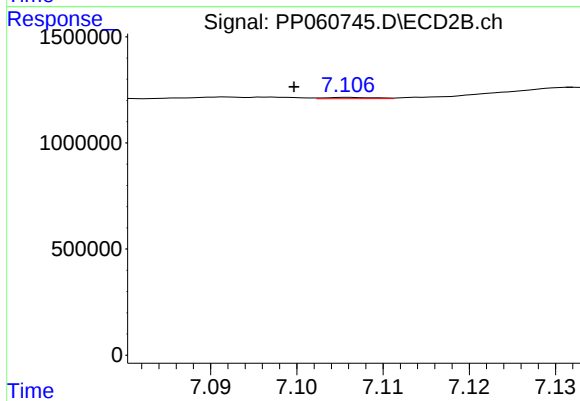
#33 AR-1260-3

R.T.: 6.618 min
Delta R.T.: -0.006 min
Response: 1266606
Conc: 11.06 ng/ml



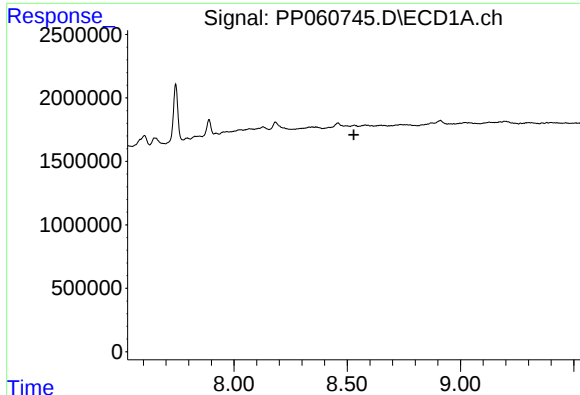
#34 AR-1260-4

R.T.: 8.183 min
Delta R.T.: -0.013 min
Response: 2898050
Conc: 27.33 ng/ml



#34 AR-1260-4

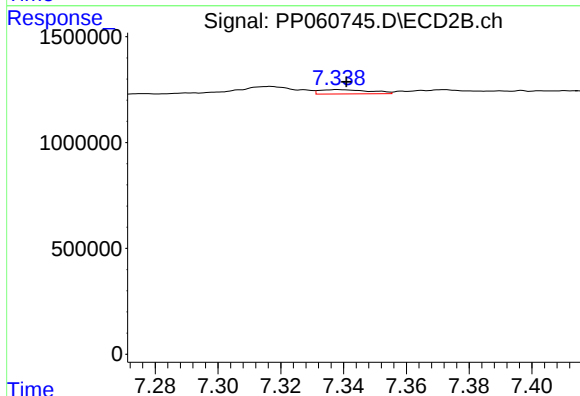
R.T.: 7.106 min
Delta R.T.: 0.006 min
Response: 25050
Conc: 0.26 ng/ml



#35 AR-1260-5

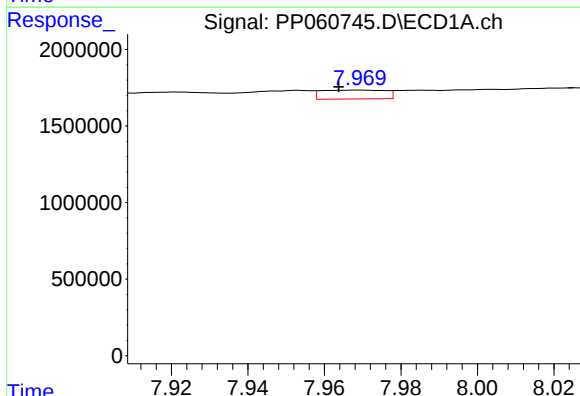
R.T.: 0.000 min
Exp R.T.: 8.530 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



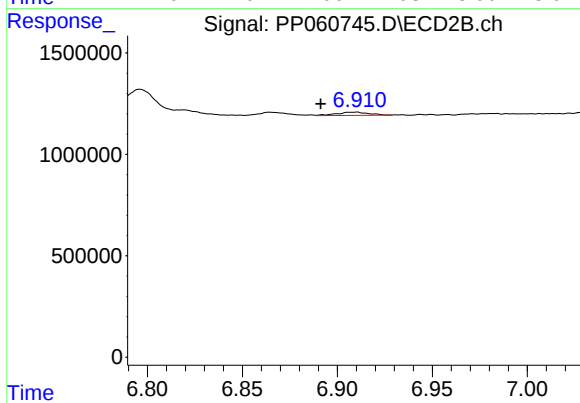
#35 AR-1260-5

R.T.: 7.338 min
Delta R.T.: -0.003 min
Response: 231372
Conc: 1.07 ng/ml



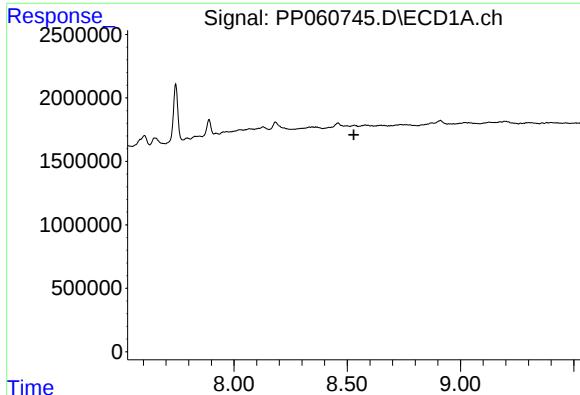
#36 AR-1262-1

R.T.: 7.969 min
Delta R.T.: 0.005 min
Response: 674649
Conc: 5.41 ng/ml



#36 AR-1262-1

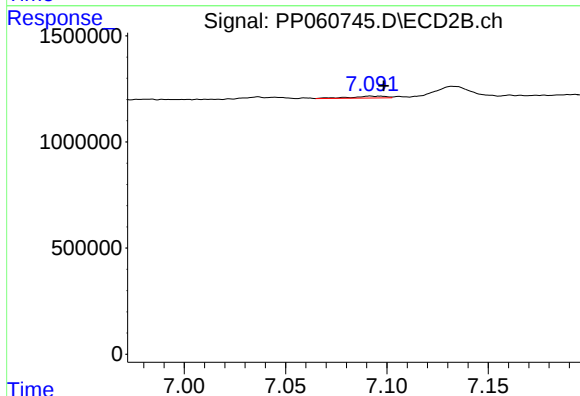
R.T.: 6.910 min
Delta R.T.: 0.018 min
Response: 198274
Conc: 3.70 ng/ml



#37 AR-1262-2

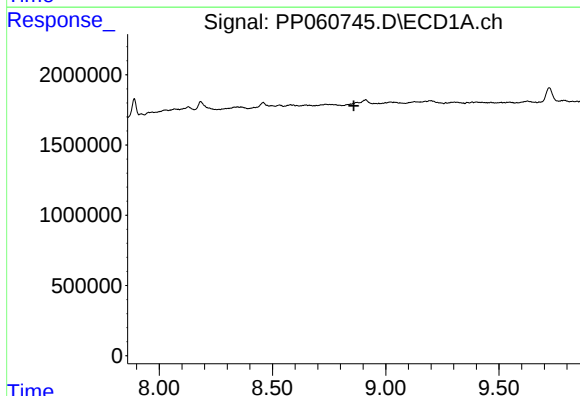
R.T.: 0.000 min
Exp R.T.: 8.529 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



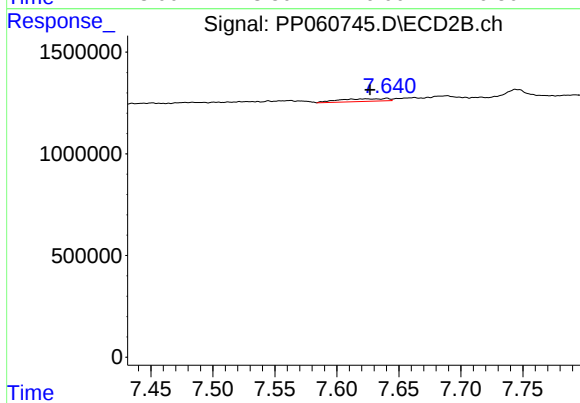
#37 AR-1262-2

R.T.: 7.092 min
Delta R.T.: -0.007 min
Response: 105921
Conc: 0.90 ng/ml



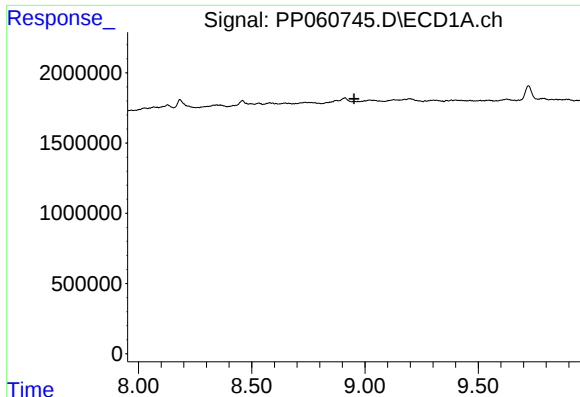
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.859 min
Response: 0
Conc: N.D.



#38 AR-1262-3

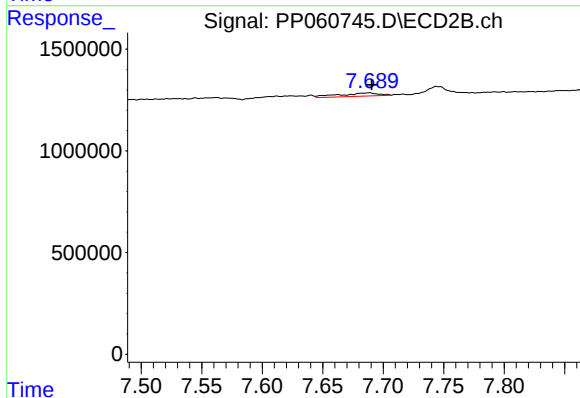
R.T.: 7.640 min
Delta R.T.: 0.014 min
Response: 347561
Conc: 3.77 ng/ml



#39 AR-1262-4

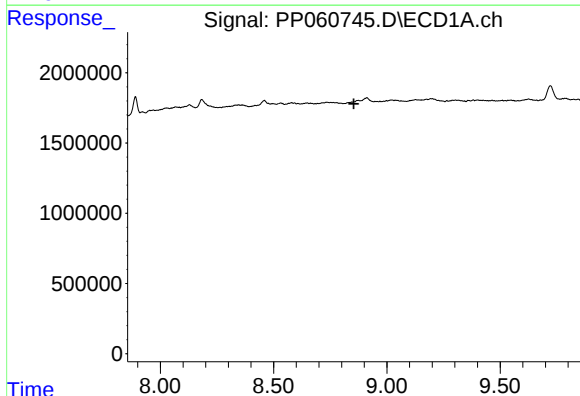
R.T.: 0.000 min
Exp R.T.: 8.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



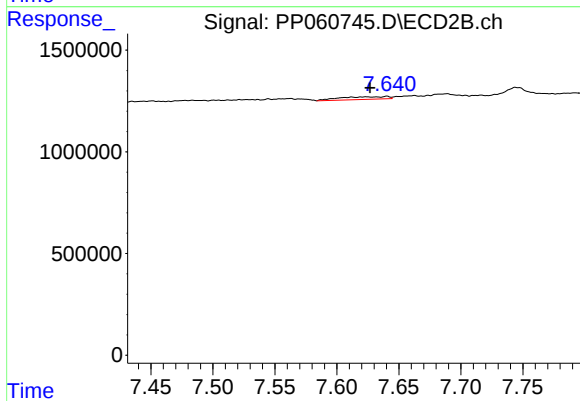
#39 AR-1262-4

R.T.: 7.689 min
Delta R.T.: -0.002 min
Response: 361737
Conc: 2.15 ng/ml



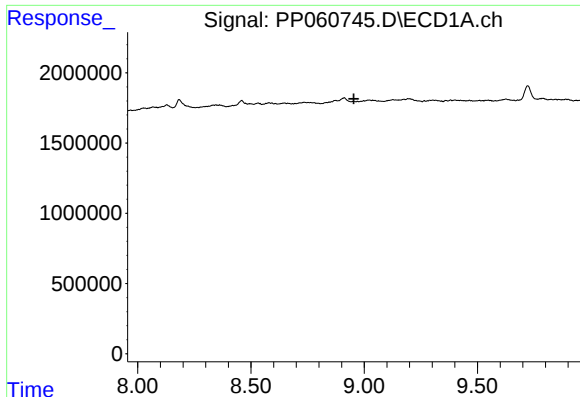
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 8.855 min
Response: 0
Conc: N.D.



#41 AR-1268-1

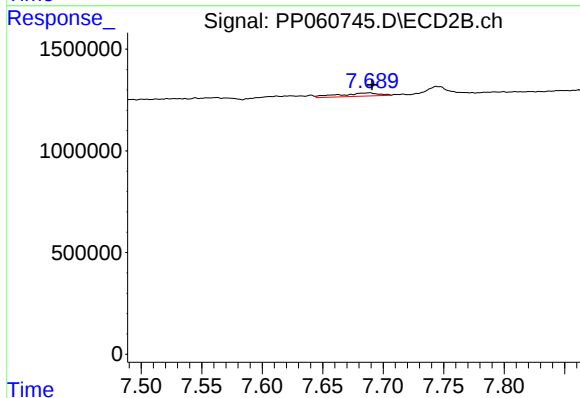
R.T.: 7.640 min
Delta R.T.: 0.014 min
Response: 347561
Conc: 1.28 ng/ml



#42 AR-1268-2

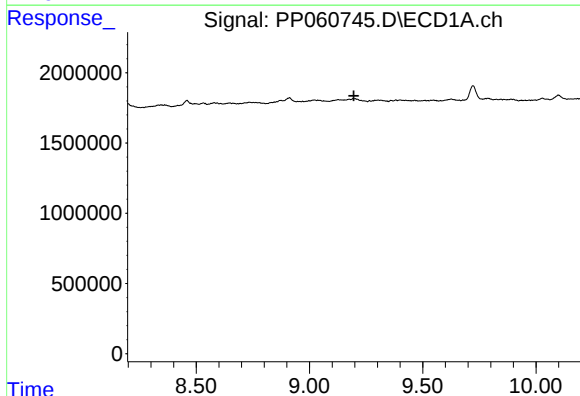
R.T.: 0.000 min
Exp R.T.: 8.954 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



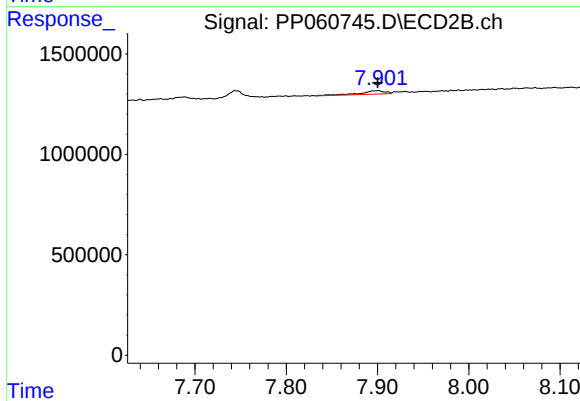
#42 AR-1268-2

R.T.: 7.689 min
Delta R.T.: -0.002 min
Response: 361737
Conc: 1.48 ng/ml



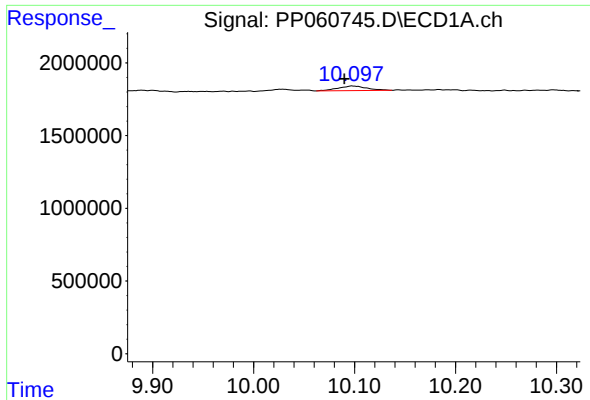
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 9.196 min
Response: 0
Conc: N.D.



#43 AR-1268-3

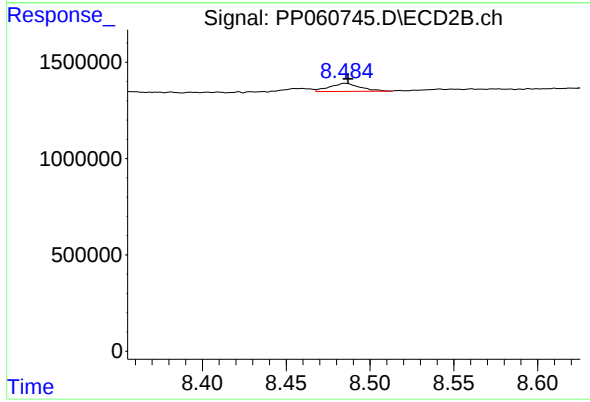
R.T.: 7.901 min
Delta R.T.: 0.000 min
Response: 338326
Conc: 1.58 ng/ml



#45 AR-1268-5

R.T.: 10.098 min
Delta R.T.: 0.008 min
Response: 623624
Conc: 0.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.485 min
Delta R.T.: -0.001 min
Response: 541536
Conc: 0.87 ng/ml