

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100323\
 Data File : PP060538.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2023 16:22
 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: Oct 03 17:20:33 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...	4.533	3.685	115.2E6	80568263	51.419	54.127
2)	SA Decachlor...	10.460	8.749	91013193	80963021	51.550	49.634
Target Compounds							
3)	L1 AR-1016-1	5.719	4.783	23896372	18432032	324.658	317.194
4)	L1 AR-1016-2	5.743	4.802	28020150	18367732	267.539	228.155
5)	L1 AR-1016-3	5.806	4.981	14199818	12768602	217.268	285.698 #
6)	L1 AR-1016-4	5.905	5.022	16223430	24226950	298.337	673.275 #
7)	L1 AR-1016-5	6.204	5.237	37674898	31508609	677.330	648.460
8)	L2 AR-1221-1	0.000	3.901	0	151256	N.D.	7.241 #
9)	L2 AR-1221-2	4.843	3.988	2103640	1454921	98.462	97.574
10)	L2 AR-1221-3	4.909	4.065	2173153	1612412	35.784	36.706
11)	L3 AR-1232-1	4.909f	4.065	2173153	1612412	43.171	44.310
12)	L3 AR-1232-2	5.448f	4.802	11240791	18367732	410.506	503.662
13)	L3 AR-1232-3	5.743f	4.981	28020150	12768602	603.659	637.943
14)	L3 AR-1232-4	5.905f	5.064	16223430	26480397	660.036	1418.777 #
15)	L3 AR-1232-5	5.997f	5.237	34476585	31508609	1663.794	1514.883
16)	L4 AR-1242-1	5.719	4.783	23896372	18432032	373.923	364.074
17)	L4 AR-1242-2	5.743	4.802	28020150	18367732	309.456	264.495
18)	L4 AR-1242-3	5.806	4.981	14199818	12768602	252.214	331.560 #
19)	L4 AR-1242-4	5.905	5.064	16223430	26480397	347.353	672.383 #
20)	L4 AR-1242-5	6.653	5.592	39812674	43127763	791.568	881.649
21)	L5 AR-1248-1	5.719	4.783	23896372	18432032	513.631	505.075
22)	L5 AR-1248-2	5.997	5.022	34476585	24226950	497.245	463.480
23)	L5 AR-1248-3	6.204	5.064	37674898	26480397	496.051	476.916
24)	L5 AR-1248-4	6.613	5.237	40546954	31508609	490.255	478.657
25)	L5 AR-1248-5	6.653	5.633	39812674	30432549	494.672	473.126
26)	L6 AR-1254-1	6.585	5.592	32231513	43127763	377.682	435.992
27)	L6 AR-1254-2	6.811	5.740	40647869	13052622	318.491	151.875 #
28)	L6 AR-1254-3	7.178	6.148	23249649	20792131	174.919	145.068
29)	L6 AR-1254-4	7.466	6.377	15847421	14498288	161.151	166.335
30)	L6 AR-1254-5	7.889	6.798	4345267	4695938	40.107	37.058
31)	L7 AR-1260-1	7.345	6.293	3338848	8152482	31.852	81.220 #
32)	L7 AR-1260-2	7.602	6.466	4424663	2302496	36.596	19.299 #
33)	L7 AR-1260-3	7.956	6.621	836363	2555194	9.023	22.317 #
34)	L7 AR-1260-4	8.183	7.098	1795050	332392	16.926	3.492 #
35)	L7 AR-1260-5	8.532	7.339	841660	867309	4.349	4.002
36)	L8 AR-1262-1	7.956	6.888	836363	160816	6.705	3.003 #
37)	L8 AR-1262-2	8.532	7.098	841660	332392	4.018	2.818 #
38)	L8 AR-1262-3	8.877f	7.629	571452	342751	3.776	3.717
39)	L8 AR-1262-4	0.000	7.688	0	745259	N.D.	4.424 #
40)	L8 AR-1262-5	0.000	8.191	0	179704	N.D.	2.320 #
41)	L9 AR-1268-1	8.877f	7.629	571452	342751	2.154	1.261 #

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 Operator : YP\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

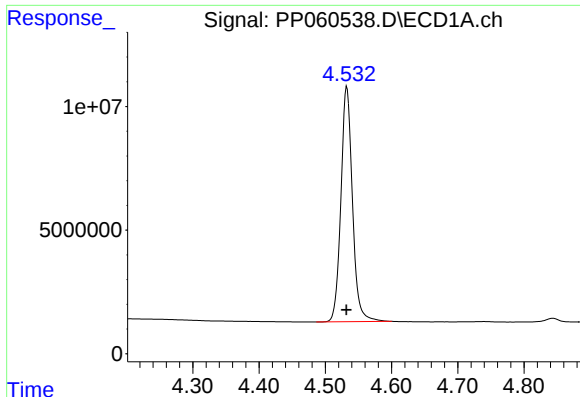
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 17:20:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
 Quant Title : GC EXTRACTABLES
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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	0.000	7.688	0	745259	N.D.	3.056 #
43) L9	AR-1268-3	0.000	7.900	0	465308	N.D.	2.175 #
44) L9	AR-1268-4	0.000	8.191	0	179704	N.D.	2.048 #
45) L9	AR-1268-5	10.095	8.487	879569	751516	1.389	1.202

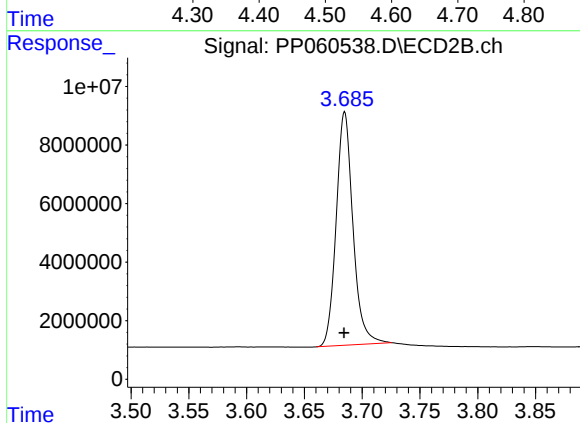
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

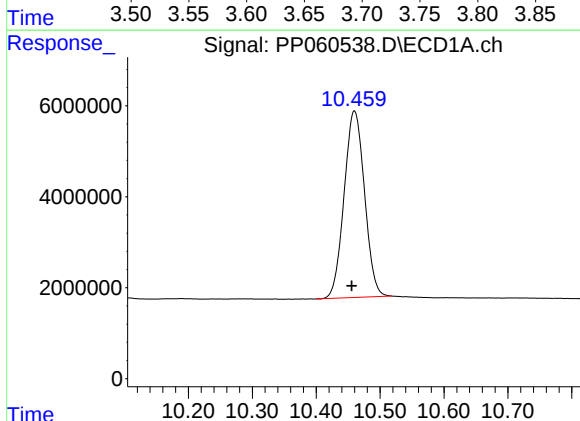
R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 115152201
Conc: 51.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



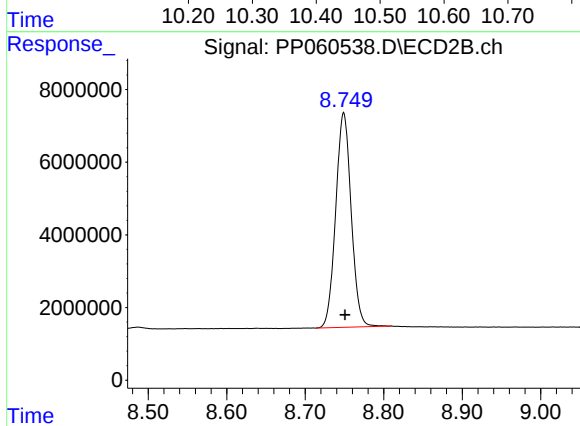
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 80568263
Conc: 54.13 ng/ml



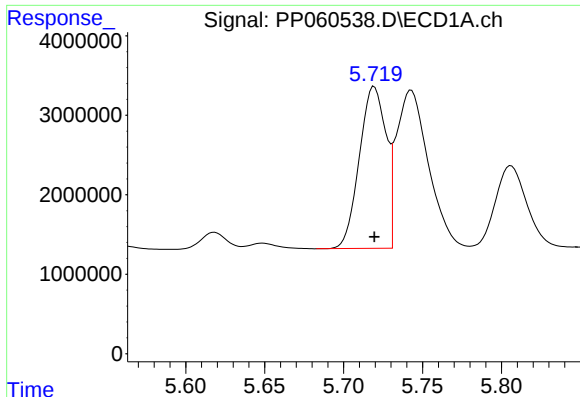
#2 Decachlorobiphenyl

R.T.: 10.460 min
Delta R.T.: 0.004 min
Response: 91013193
Conc: 51.55 ng/ml



#2 Decachlorobiphenyl

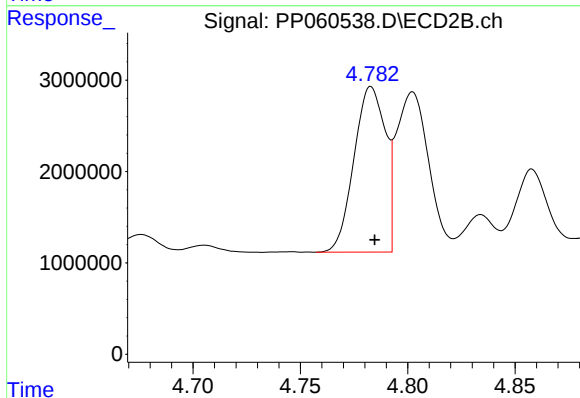
R.T.: 8.749 min
Delta R.T.: -0.002 min
Response: 80963021
Conc: 49.63 ng/ml



#3 AR-1016-1

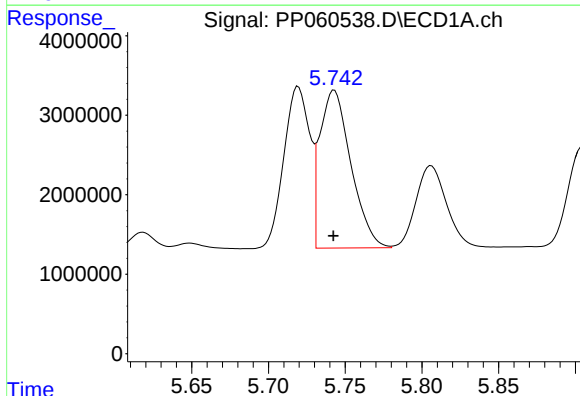
R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 23896372
Conc: 324.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



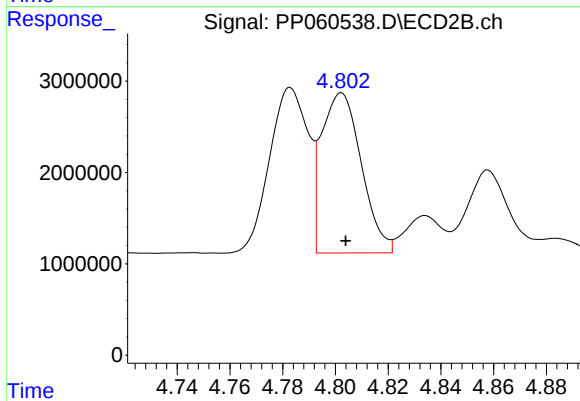
#3 AR-1016-1

R.T.: 4.783 min
Delta R.T.: -0.002 min
Response: 18432032
Conc: 317.19 ng/ml



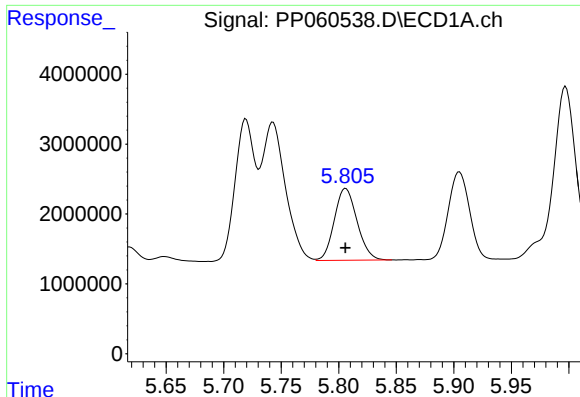
#4 AR-1016-2

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 28020150
Conc: 267.54 ng/ml



#4 AR-1016-2

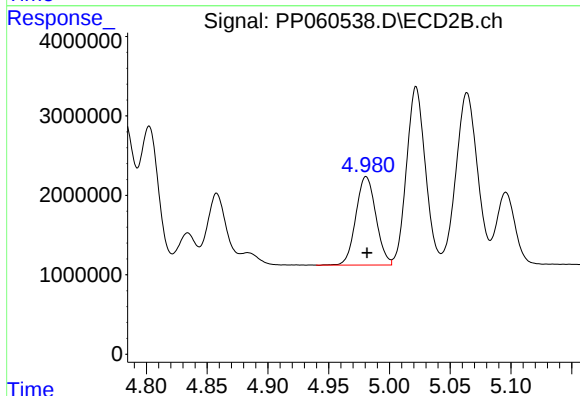
R.T.: 4.802 min
Delta R.T.: -0.002 min
Response: 18367732
Conc: 228.15 ng/ml



#5 AR-1016-3

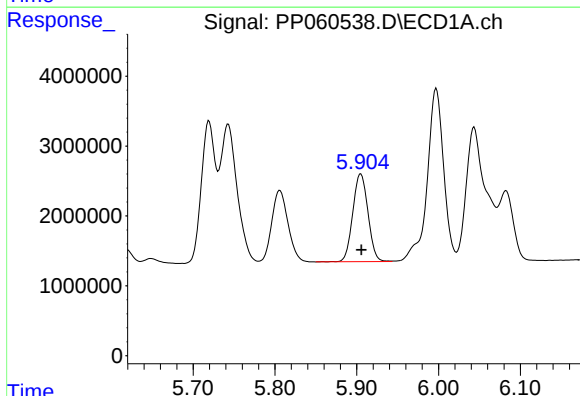
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 14199818
Conc: 217.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



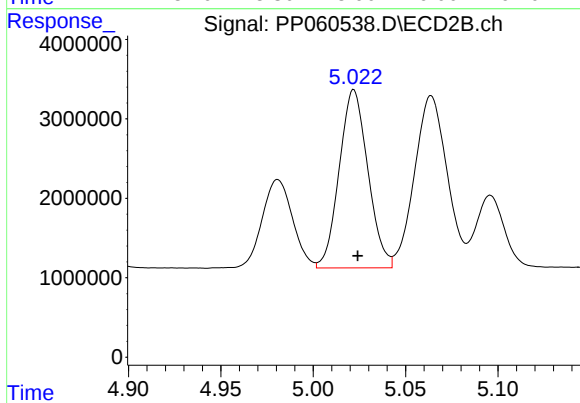
#5 AR-1016-3

R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 12768602
Conc: 285.70 ng/ml



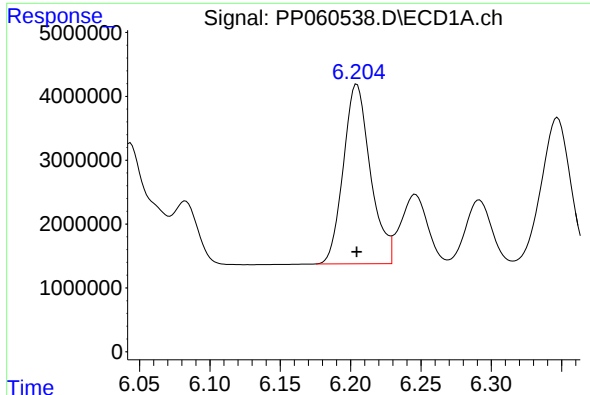
#6 AR-1016-4

R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 16223430
Conc: 298.34 ng/ml



#6 AR-1016-4

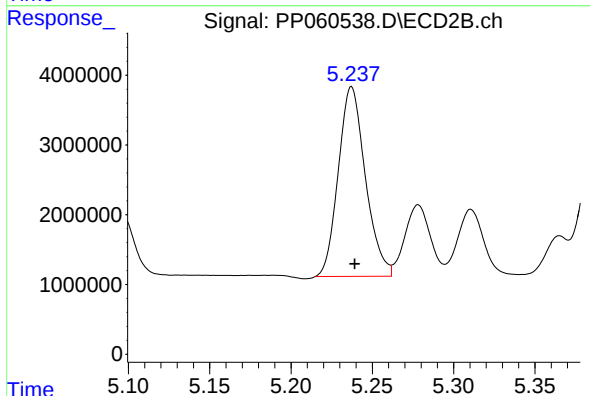
R.T.: 5.022 min
Delta R.T.: -0.002 min
Response: 24226950
Conc: 673.28 ng/ml



#7 AR-1016-5

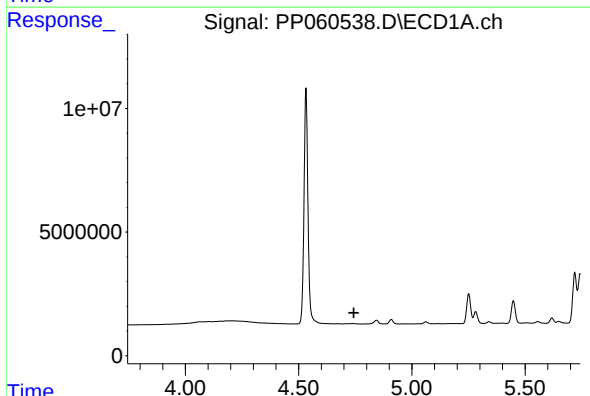
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 37674898
Conc: 677.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



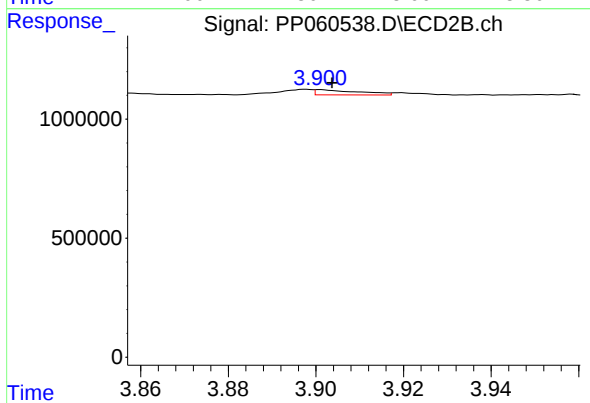
#7 AR-1016-5

R.T.: 5.237 min
Delta R.T.: -0.002 min
Response: 31508609
Conc: 648.46 ng/ml



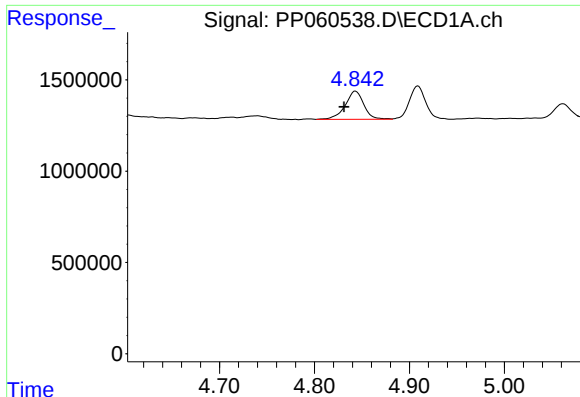
#8 AR-1221-1

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



#8 AR-1221-1

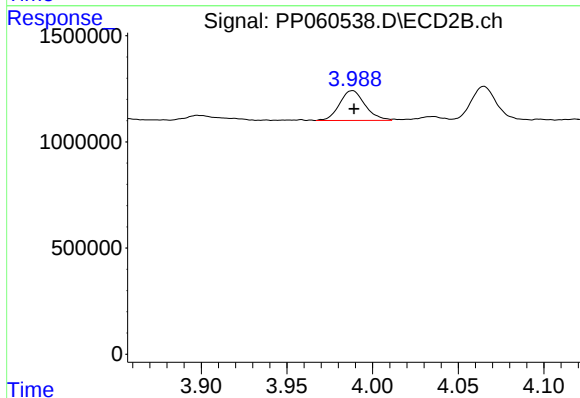
R.T.: 3.901 min
Delta R.T.: -0.003 min
Response: 151256
Conc: 7.24 ng/ml



#9 AR-1221-2

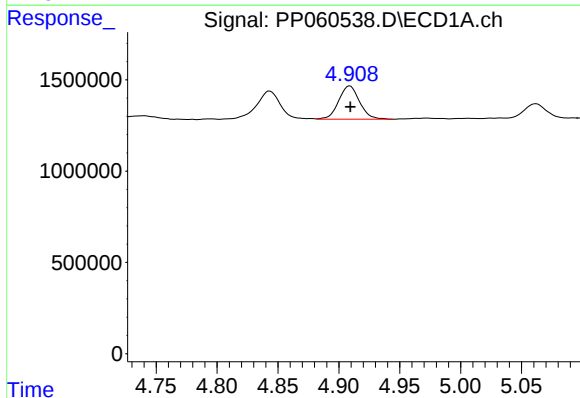
R.T.: 4.843 min
Delta R.T.: 0.012 min
Response: 2103640
Conc: 98.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



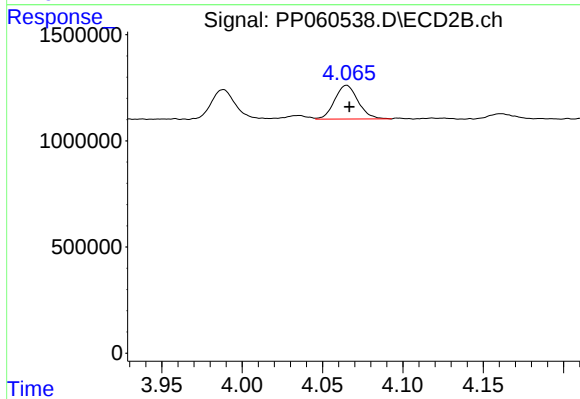
#9 AR-1221-2

R.T.: 3.988 min
Delta R.T.: 0.000 min
Response: 1454921
Conc: 97.57 ng/ml



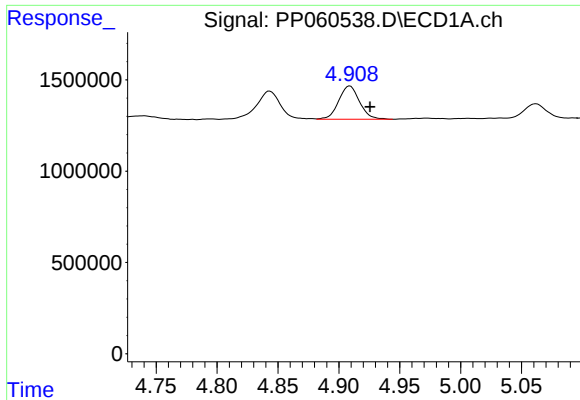
#10 AR-1221-3

R.T.: 4.909 min
Delta R.T.: 0.000 min
Response: 2173153
Conc: 35.78 ng/ml



#10 AR-1221-3

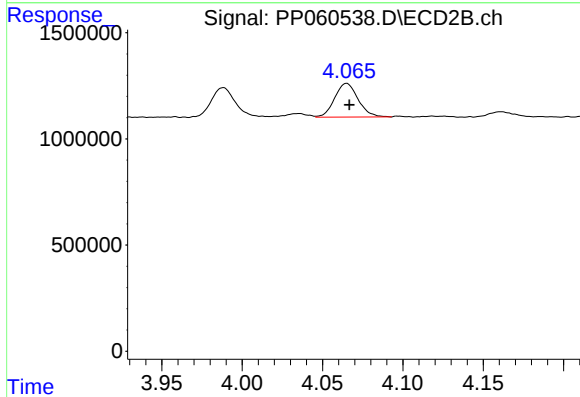
R.T.: 4.065 min
Delta R.T.: -0.002 min
Response: 1612412
Conc: 36.71 ng/ml



#11 AR-1232-1

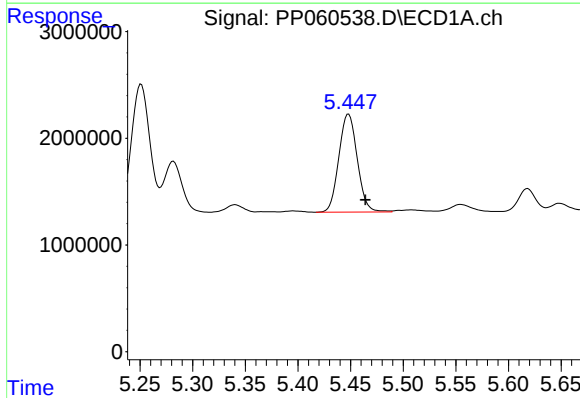
R.T.: 4.909 min
Delta R.T.: -0.017 min
Response: 2173153
Conc: 43.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



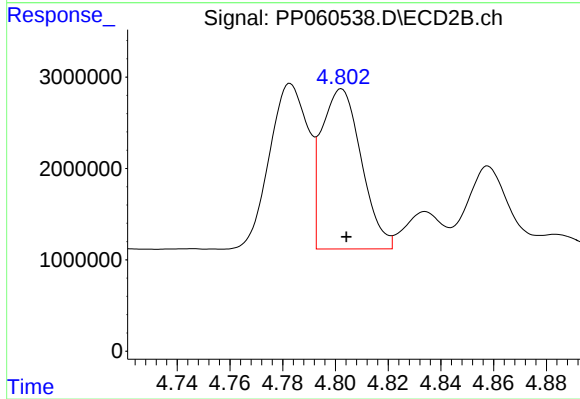
#11 AR-1232-1

R.T.: 4.065 min
Delta R.T.: -0.002 min
Response: 1612412
Conc: 44.31 ng/ml



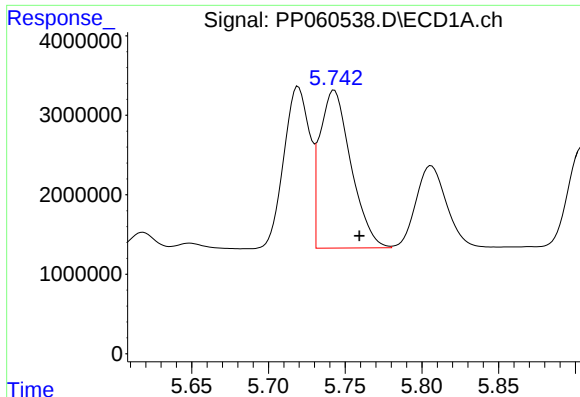
#12 AR-1232-2

R.T.: 5.448 min
Delta R.T.: -0.016 min
Response: 11240791
Conc: 410.51 ng/ml



#12 AR-1232-2

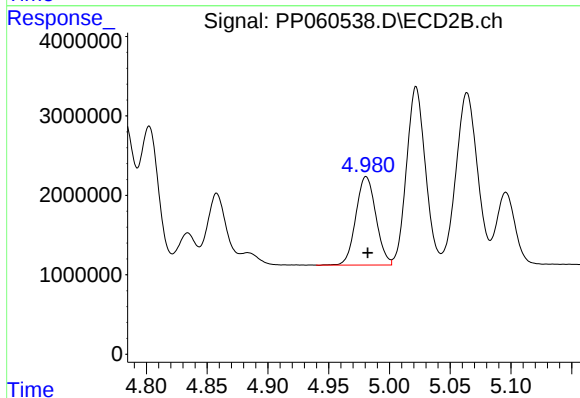
R.T.: 4.802 min
Delta R.T.: -0.002 min
Response: 18367732
Conc: 503.66 ng/ml



#13 AR-1232-3

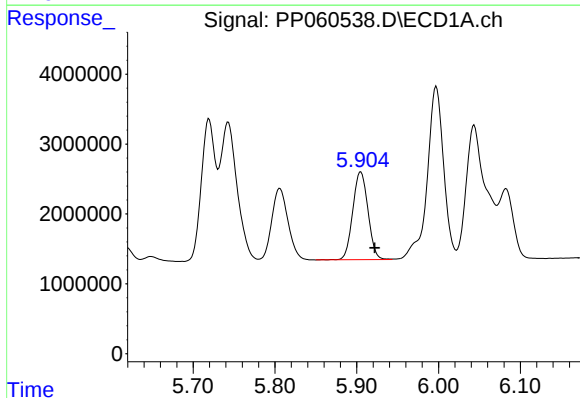
R.T.: 5.743 min
Delta R.T.: -0.016 min
Response: 28020150
Conc: 603.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



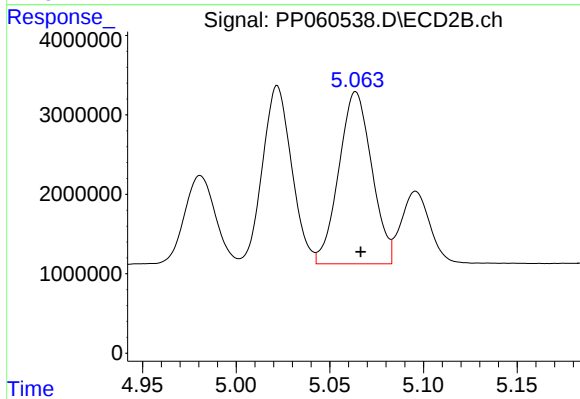
#13 AR-1232-3

R.T.: 4.981 min
Delta R.T.: -0.001 min
Response: 12768602
Conc: 637.94 ng/ml



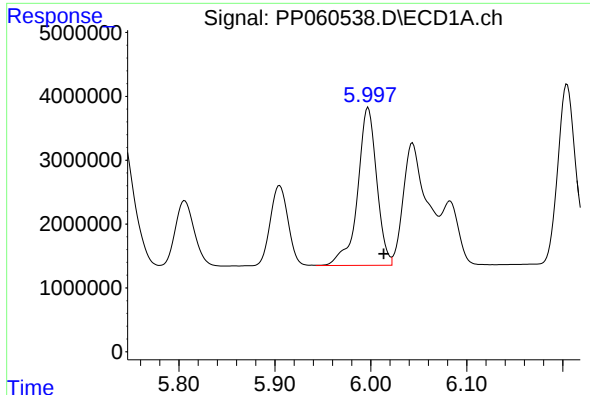
#14 AR-1232-4

R.T.: 5.905 min
Delta R.T.: -0.017 min
Response: 16223430
Conc: 660.04 ng/ml



#14 AR-1232-4

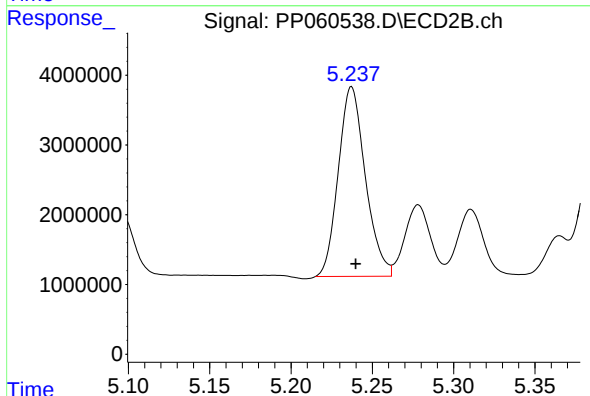
R.T.: 5.064 min
Delta R.T.: -0.003 min
Response: 26480397
Conc: 1418.78 ng/ml



#15 AR-1232-5

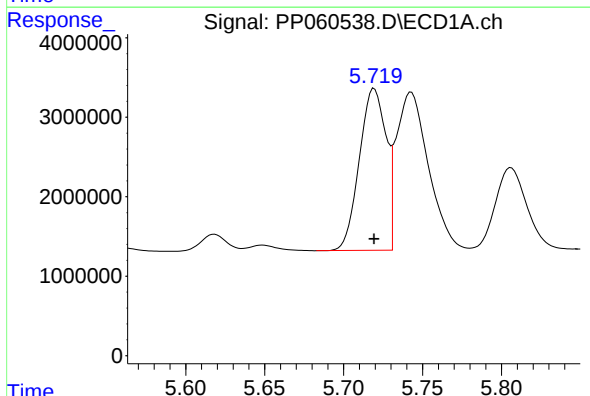
R.T.: 5.997 min
Delta R.T.: -0.016 min
Response: 34476585
Conc: 1663.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



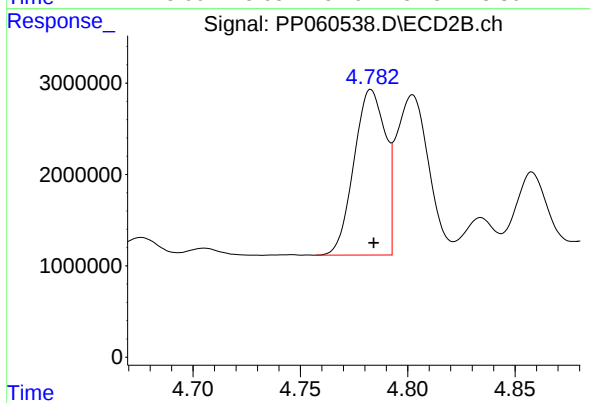
#15 AR-1232-5

R.T.: 5.237 min
Delta R.T.: -0.003 min
Response: 31508609
Conc: 1514.88 ng/ml



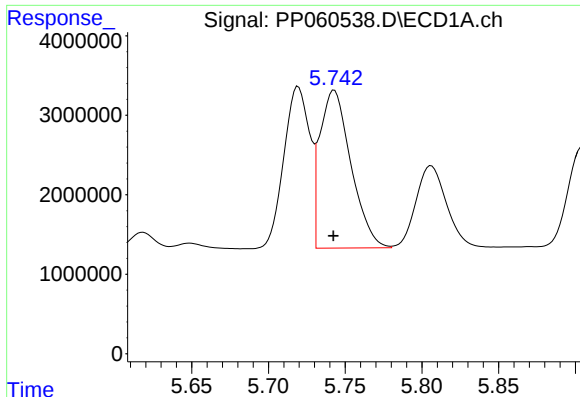
#16 AR-1242-1

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 23896372
Conc: 373.92 ng/ml



#16 AR-1242-1

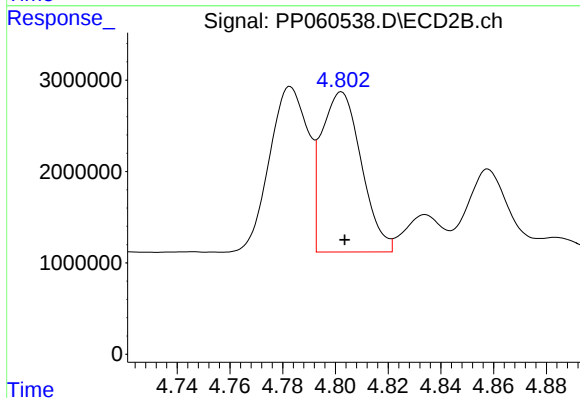
R.T.: 4.783 min
Delta R.T.: -0.001 min
Response: 18432032
Conc: 364.07 ng/ml



#17 AR-1242-2

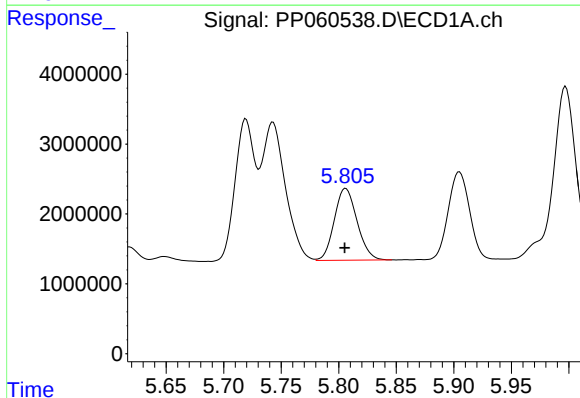
R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 28020150
Conc: 309.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



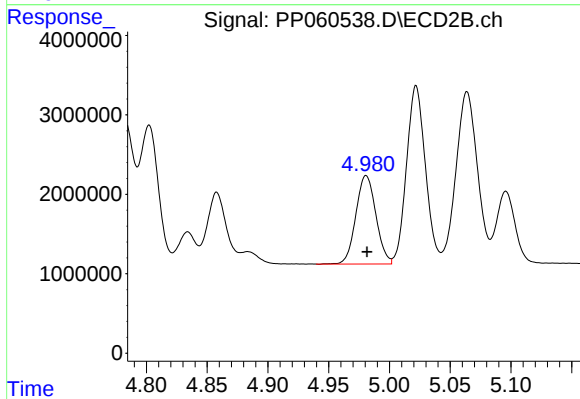
#17 AR-1242-2

R.T.: 4.802 min
Delta R.T.: -0.001 min
Response: 18367732
Conc: 264.50 ng/ml



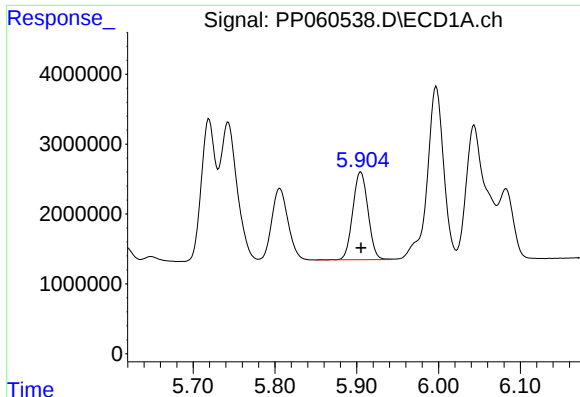
#18 AR-1242-3

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 14199818
Conc: 252.21 ng/ml



#18 AR-1242-3

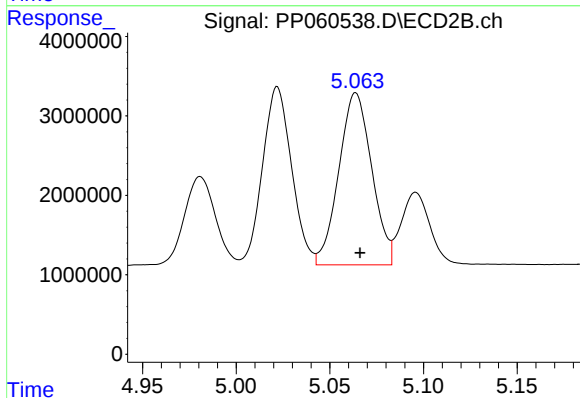
R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 12768602
Conc: 331.56 ng/ml



#19 AR-1242-4

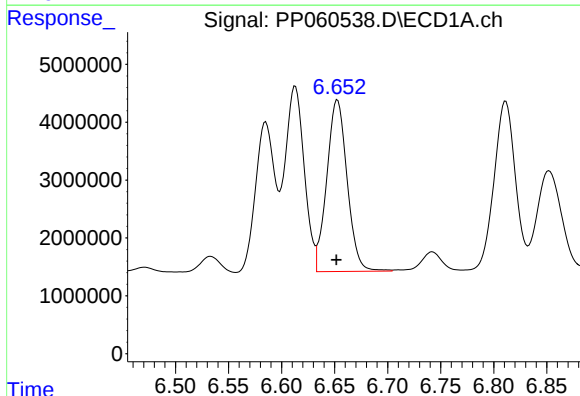
R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 16223430
Conc: 347.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



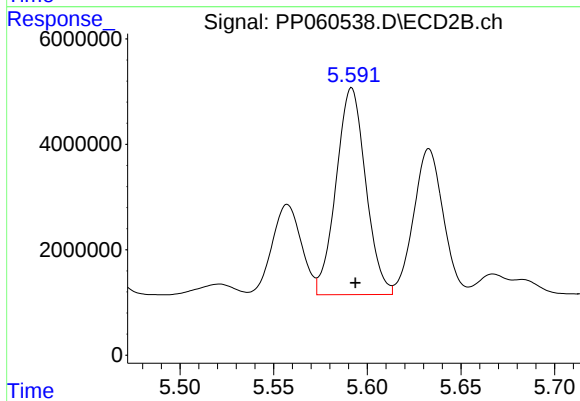
#19 AR-1242-4

R.T.: 5.064 min
Delta R.T.: -0.002 min
Response: 26480397
Conc: 672.38 ng/ml



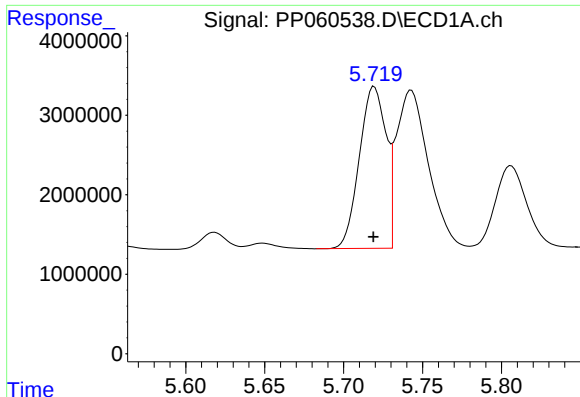
#20 AR-1242-5

R.T.: 6.653 min
Delta R.T.: 0.001 min
Response: 39812674
Conc: 791.57 ng/ml



#20 AR-1242-5

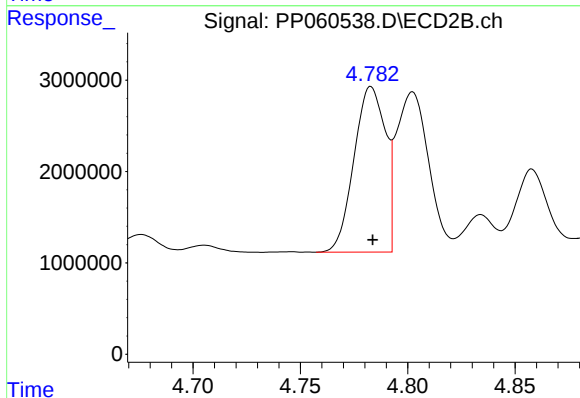
R.T.: 5.592 min
Delta R.T.: -0.002 min
Response: 43127763
Conc: 881.65 ng/ml



#21 AR-1248-1

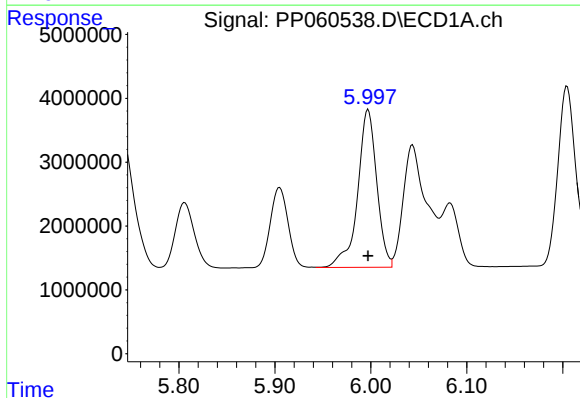
R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 23896372
Conc: 513.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



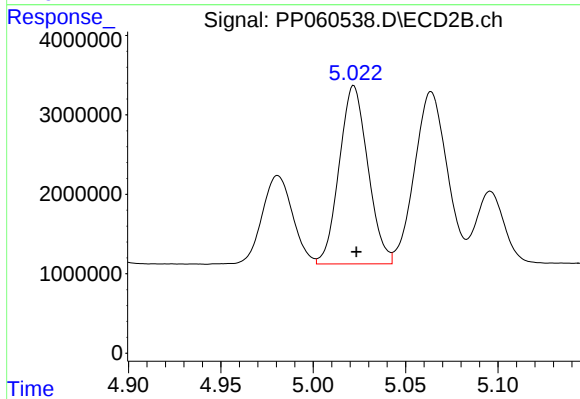
#21 AR-1248-1

R.T.: 4.783 min
Delta R.T.: 0.000 min
Response: 18432032
Conc: 505.08 ng/ml



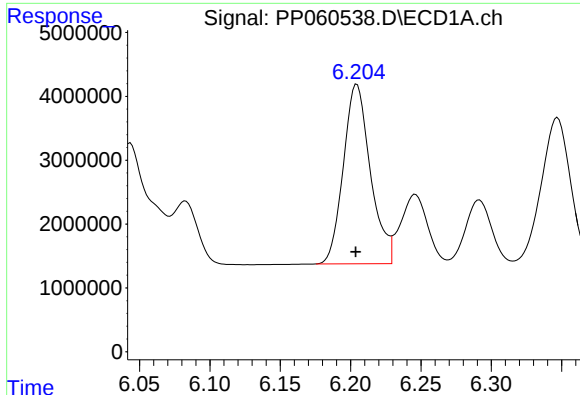
#22 AR-1248-2

R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 34476585
Conc: 497.24 ng/ml



#22 AR-1248-2

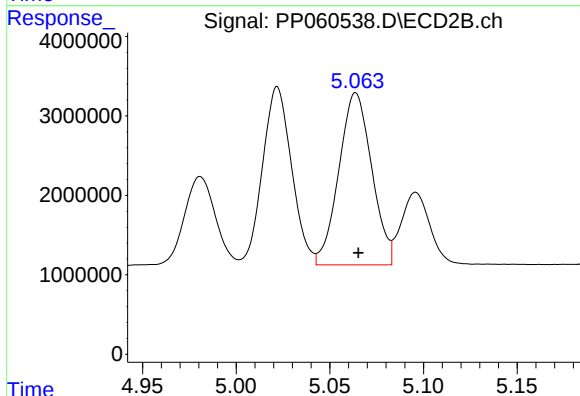
R.T.: 5.022 min
Delta R.T.: -0.001 min
Response: 24226950
Conc: 463.48 ng/ml



#23 AR-1248-3

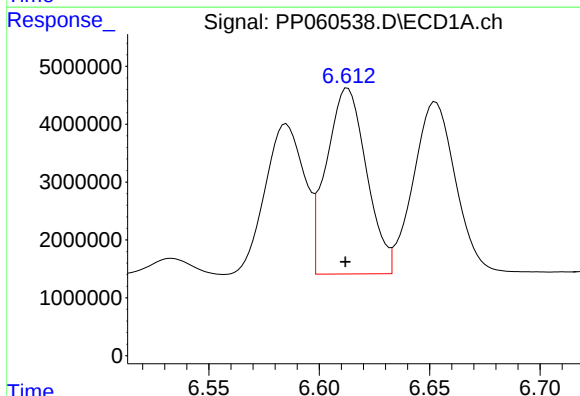
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 37674898
Conc: 496.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



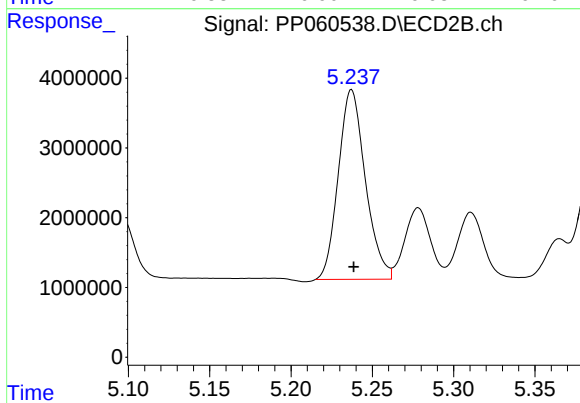
#23 AR-1248-3

R.T.: 5.064 min
Delta R.T.: -0.001 min
Response: 26480397
Conc: 476.92 ng/ml



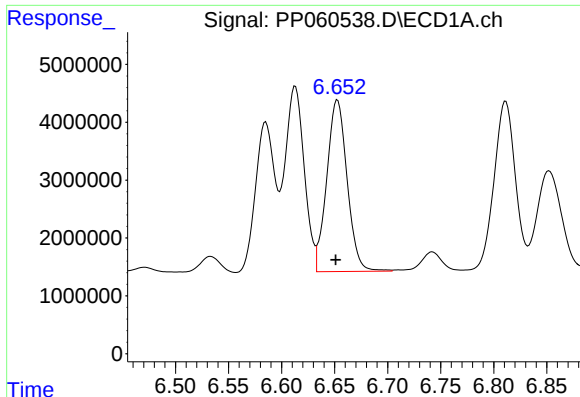
#24 AR-1248-4

R.T.: 6.613 min
Delta R.T.: 0.001 min
Response: 40546954
Conc: 490.25 ng/ml



#24 AR-1248-4

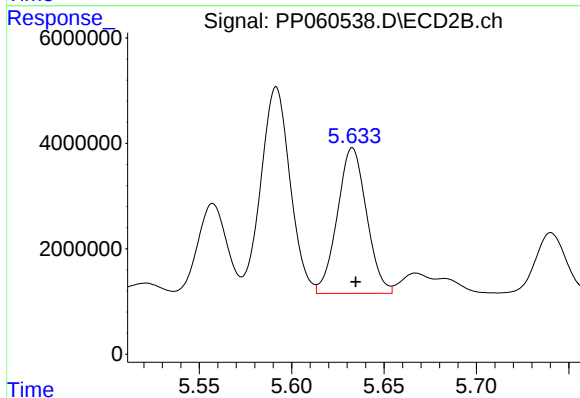
R.T.: 5.237 min
Delta R.T.: -0.001 min
Response: 31508609
Conc: 478.66 ng/ml



#25 AR-1248-5

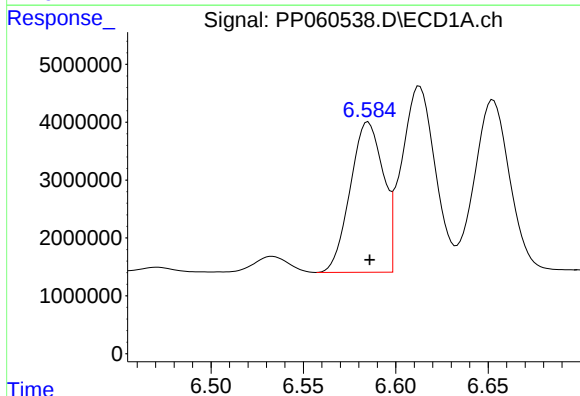
R.T.: 6.653 min
Delta R.T.: 0.002 min
Response: 39812674
Conc: 494.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



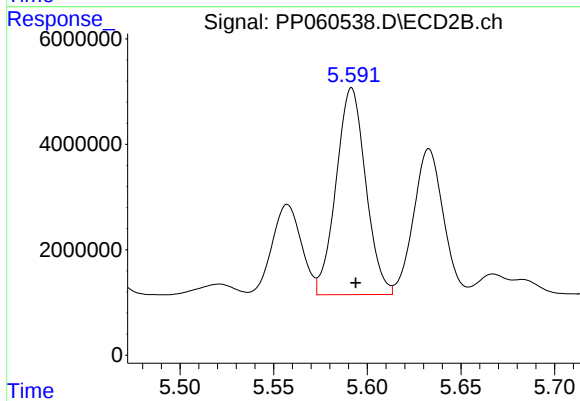
#25 AR-1248-5

R.T.: 5.633 min
Delta R.T.: -0.002 min
Response: 30432549
Conc: 473.13 ng/ml



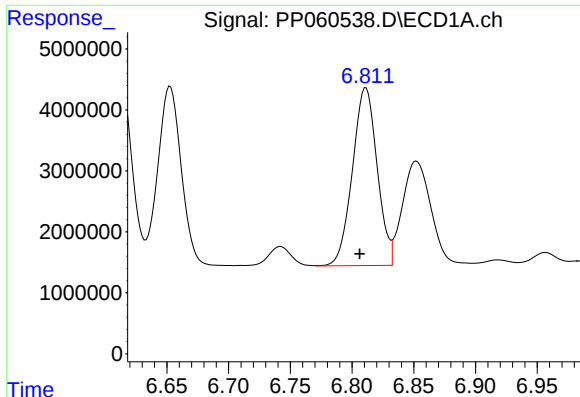
#26 AR-1254-1

R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 32231513
Conc: 377.68 ng/ml



#26 AR-1254-1

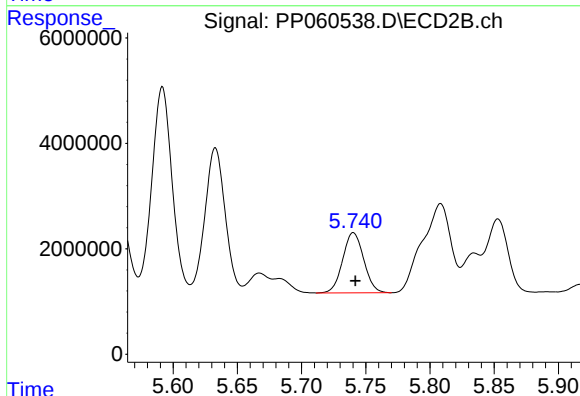
R.T.: 5.592 min
Delta R.T.: -0.002 min
Response: 43127763
Conc: 435.99 ng/ml



#27 AR-1254-2

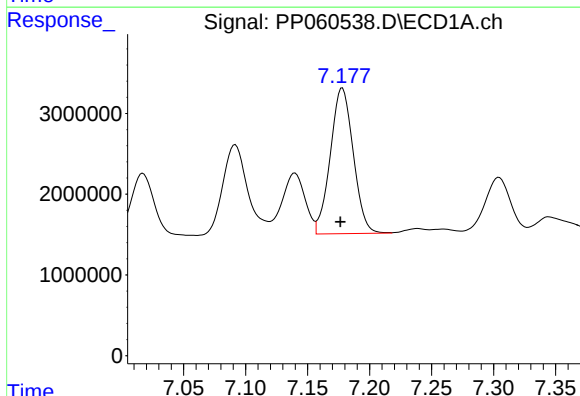
R.T.: 6.811 min
Delta R.T.: 0.005 min
Response: 40647869
Conc: 318.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



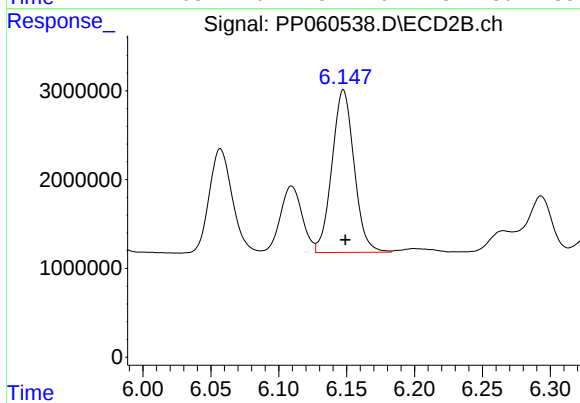
#27 AR-1254-2

R.T.: 5.740 min
Delta R.T.: -0.002 min
Response: 13052622
Conc: 151.88 ng/ml



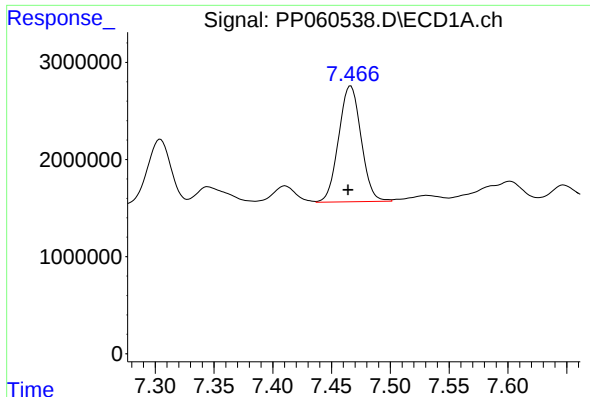
#28 AR-1254-3

R.T.: 7.178 min
Delta R.T.: 0.002 min
Response: 23249649
Conc: 174.92 ng/ml



#28 AR-1254-3

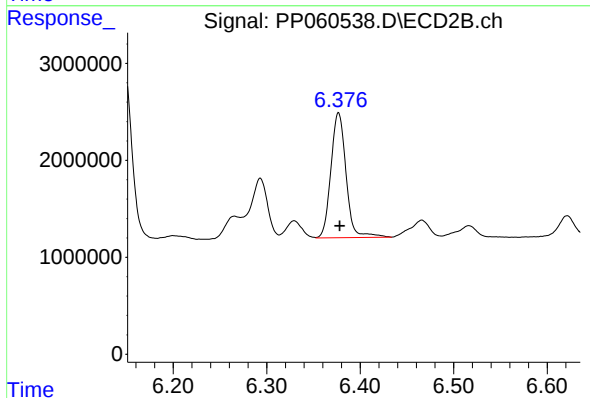
R.T.: 6.148 min
Delta R.T.: -0.001 min
Response: 20792131
Conc: 145.07 ng/ml



#29 AR-1254-4

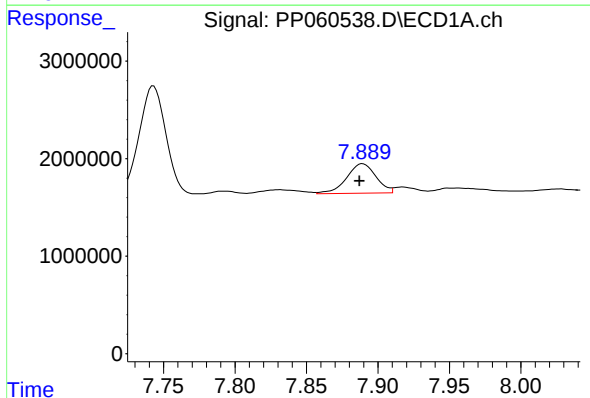
R.T.: 7.466 min
Delta R.T.: 0.002 min
Response: 15847421
Conc: 161.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



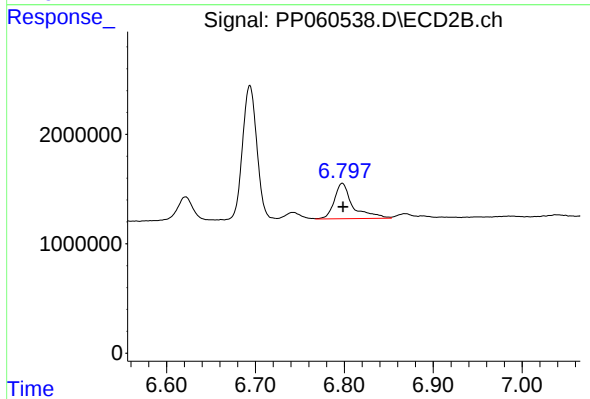
#29 AR-1254-4

R.T.: 6.377 min
Delta R.T.: -0.001 min
Response: 14498288
Conc: 166.34 ng/ml



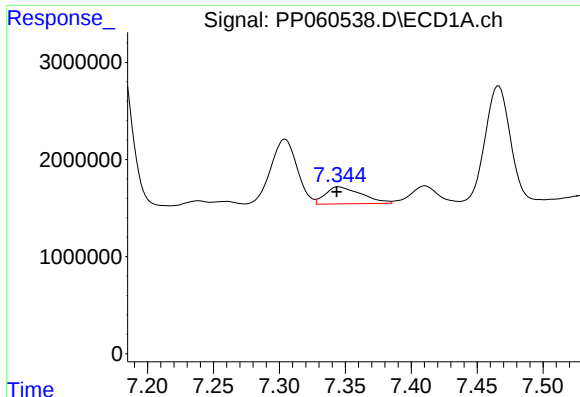
#30 AR-1254-5

R.T.: 7.889 min
Delta R.T.: 0.002 min
Response: 4345267
Conc: 40.11 ng/ml



#30 AR-1254-5

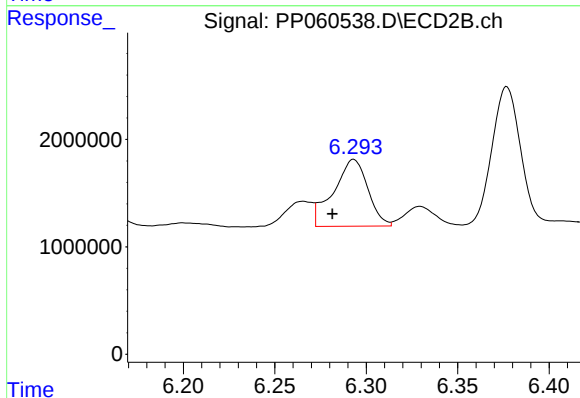
R.T.: 6.798 min
Delta R.T.: -0.001 min
Response: 4695938
Conc: 37.06 ng/ml



#31 AR-1260-1

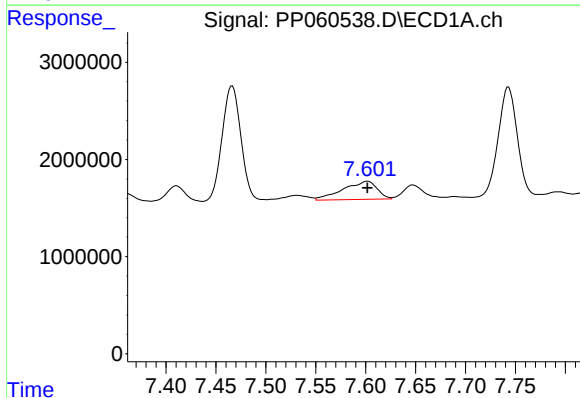
R.T.: 7.345 min
Delta R.T.: 0.001 min
Response: 3338848
Conc: 31.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



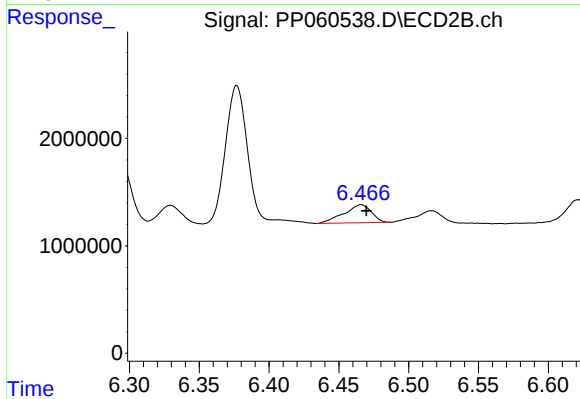
#31 AR-1260-1

R.T.: 6.293 min
Delta R.T.: 0.012 min
Response: 8152482
Conc: 81.22 ng/ml



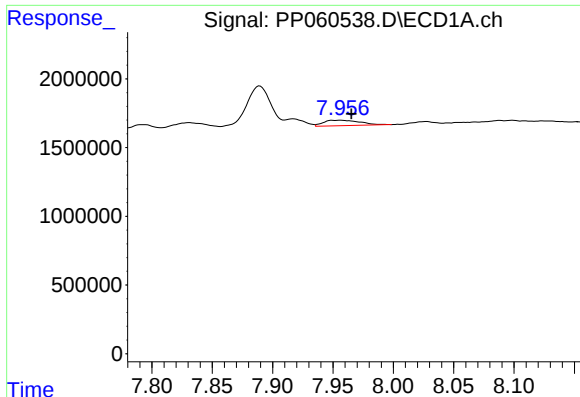
#32 AR-1260-2

R.T.: 7.602 min
Delta R.T.: 0.000 min
Response: 4424663
Conc: 36.60 ng/ml



#32 AR-1260-2

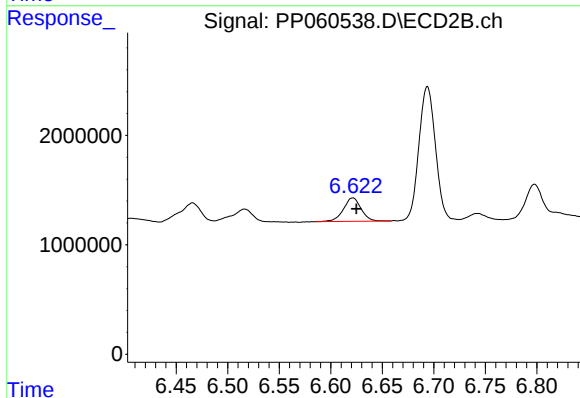
R.T.: 6.466 min
Delta R.T.: -0.004 min
Response: 2302496
Conc: 19.30 ng/ml



#33 AR-1260-3

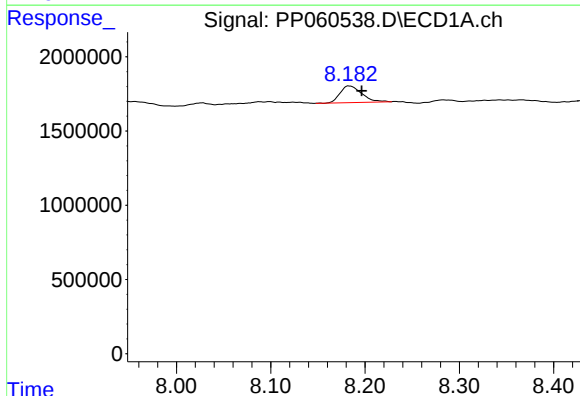
R.T.: 7.956 min
Delta R.T.: -0.009 min
Response: 836363
Conc: 9.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



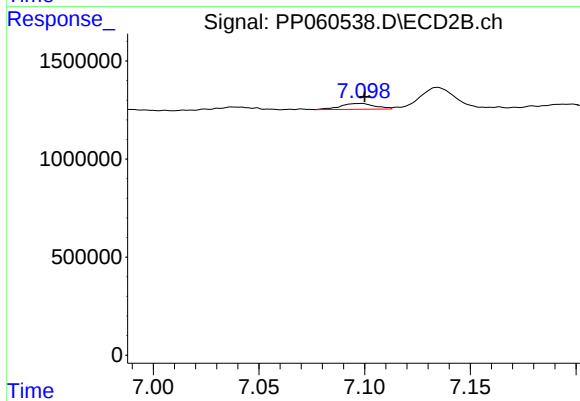
#33 AR-1260-3

R.T.: 6.621 min
Delta R.T.: -0.003 min
Response: 2555194
Conc: 22.32 ng/ml



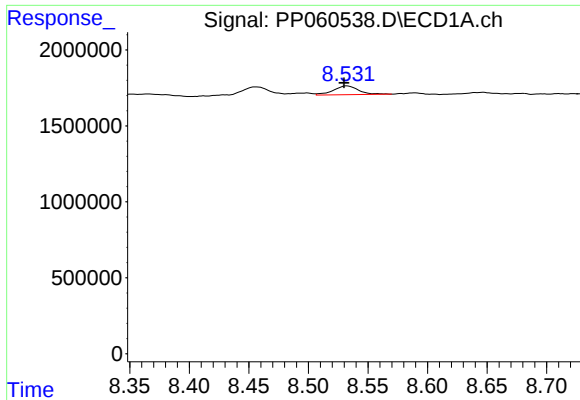
#34 AR-1260-4

R.T.: 8.183 min
Delta R.T.: -0.013 min
Response: 1795050
Conc: 16.93 ng/ml



#34 AR-1260-4

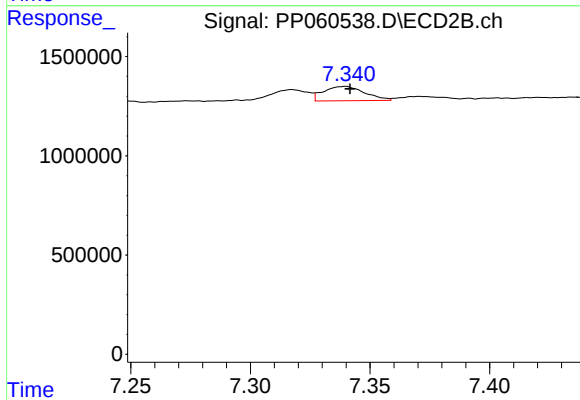
R.T.: 7.098 min
Delta R.T.: -0.002 min
Response: 332392
Conc: 3.49 ng/ml



#35 AR-1260-5

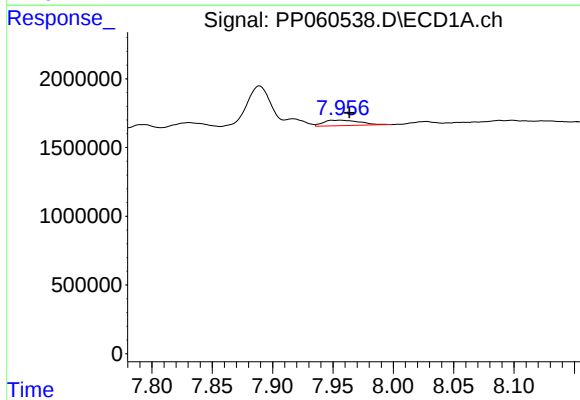
R.T.: 8.532 min
Delta R.T.: 0.002 min
Response: 841660
Conc: 4.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



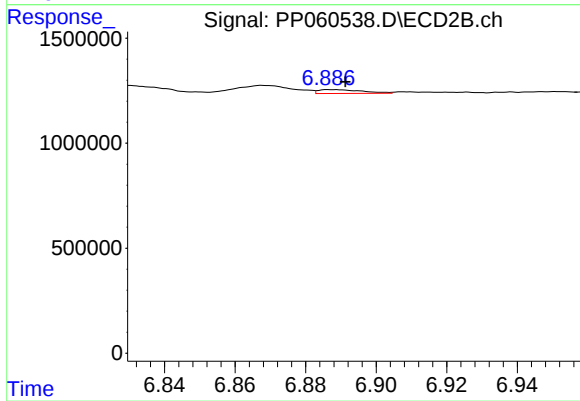
#35 AR-1260-5

R.T.: 7.339 min
Delta R.T.: -0.002 min
Response: 867309
Conc: 4.00 ng/ml



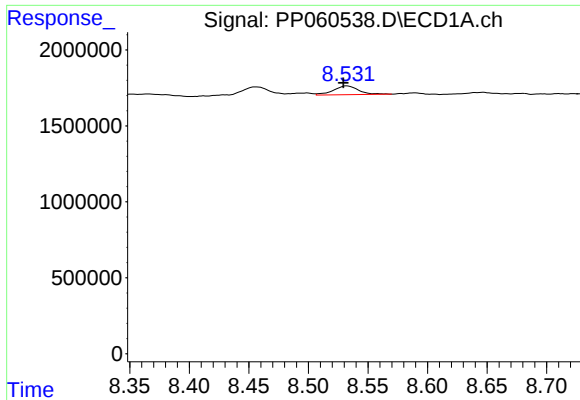
#36 AR-1262-1

R.T.: 7.956 min
Delta R.T.: -0.007 min
Response: 836363
Conc: 6.71 ng/ml



#36 AR-1262-1

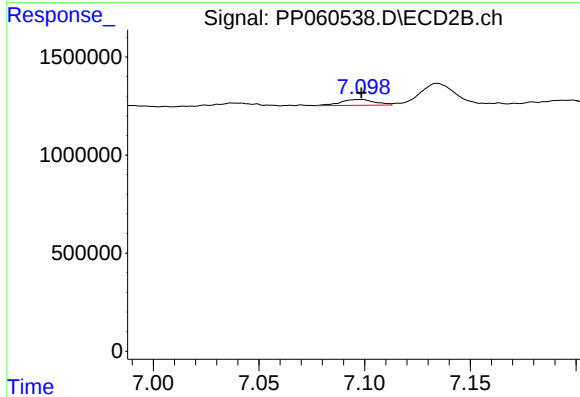
R.T.: 6.888 min
Delta R.T.: -0.004 min
Response: 160816
Conc: 3.00 ng/ml



#37 AR-1262-2

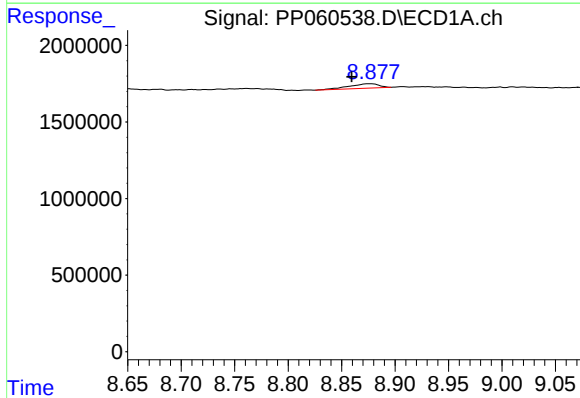
R.T.: 8.532 min
Delta R.T.: 0.003 min
Response: 841660
Conc: 4.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



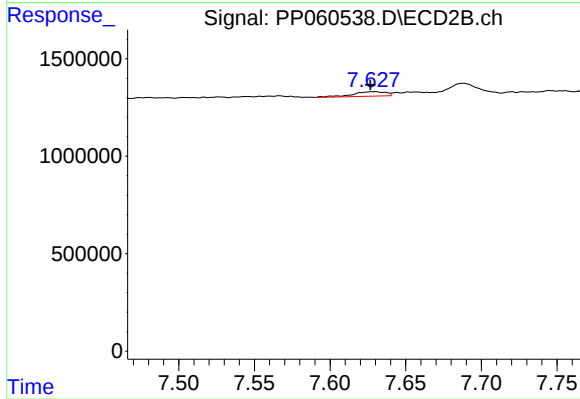
#37 AR-1262-2

R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 332392
Conc: 2.82 ng/ml



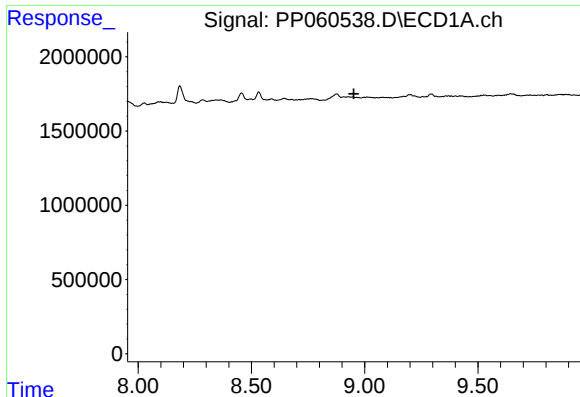
#38 AR-1262-3

R.T.: 8.877 min
Delta R.T.: 0.017 min
Response: 571452
Conc: 3.78 ng/ml



#38 AR-1262-3

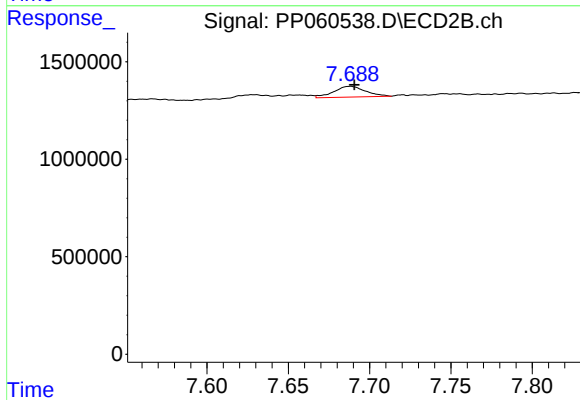
R.T.: 7.629 min
Delta R.T.: 0.002 min
Response: 342751
Conc: 3.72 ng/ml



#39 AR-1262-4

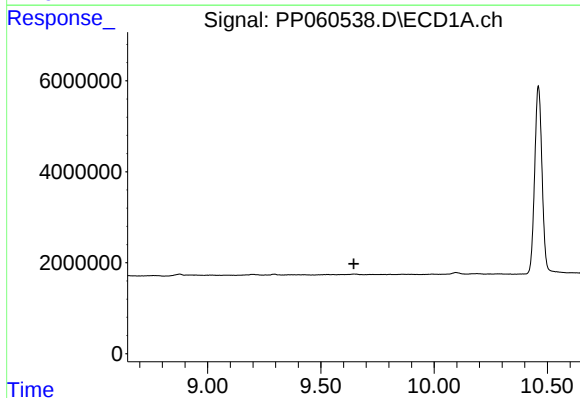
R.T.: 0.000 min
Exp R.T.: 8.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



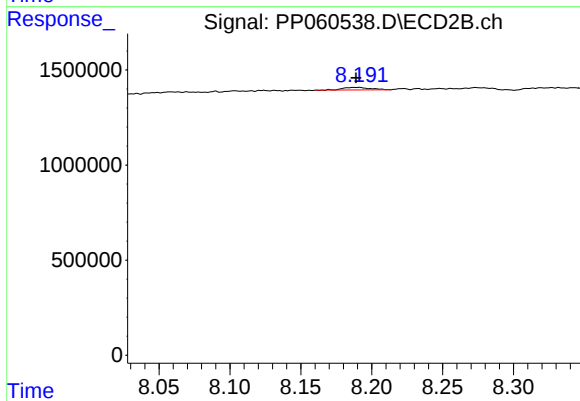
#39 AR-1262-4

R.T.: 7.688 min
Delta R.T.: -0.003 min
Response: 745259
Conc: 4.42 ng/ml



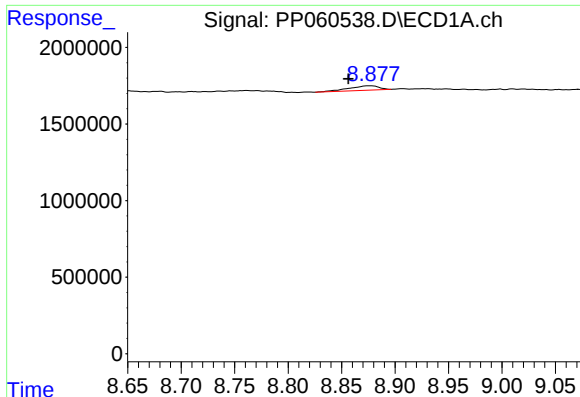
#40 AR-1262-5

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



#40 AR-1262-5

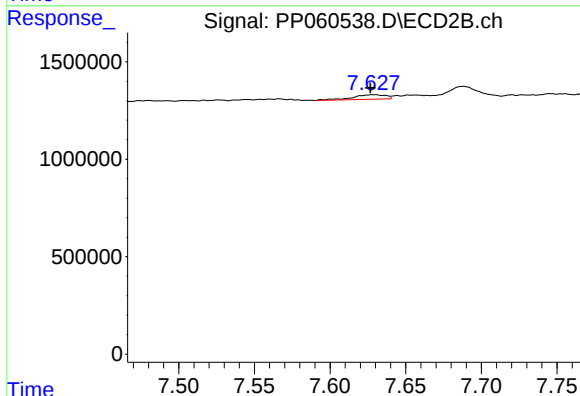
R.T.: 8.191 min
Delta R.T.: 0.002 min
Response: 179704
Conc: 2.32 ng/ml



#41 AR-1268-1

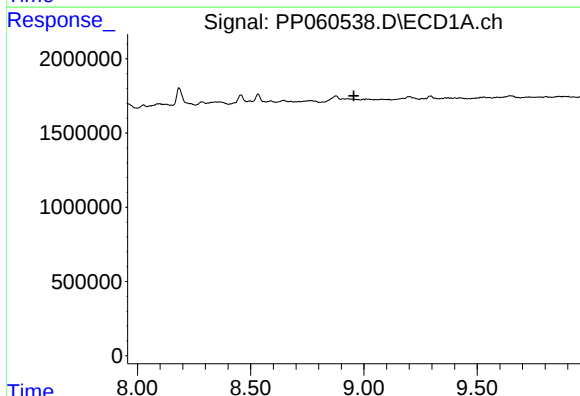
R.T.: 8.877 min
Delta R.T.: 0.020 min
Response: 571452
Conc: 2.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



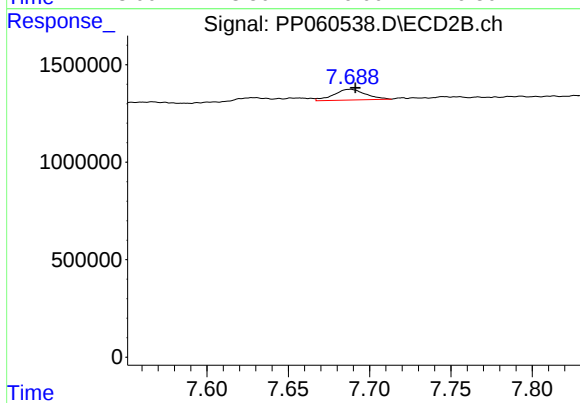
#41 AR-1268-1

R.T.: 7.629 min
Delta R.T.: 0.002 min
Response: 342751
Conc: 1.26 ng/ml



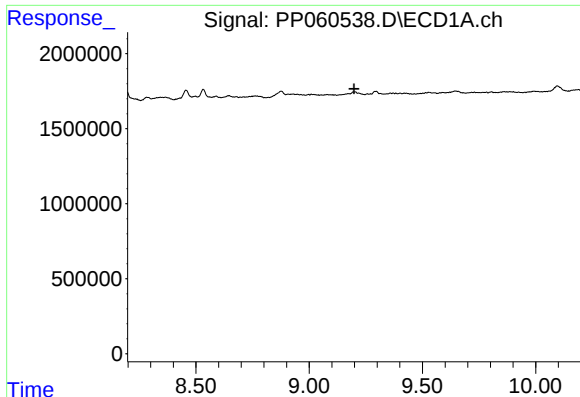
#42 AR-1268-2

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



#42 AR-1268-2

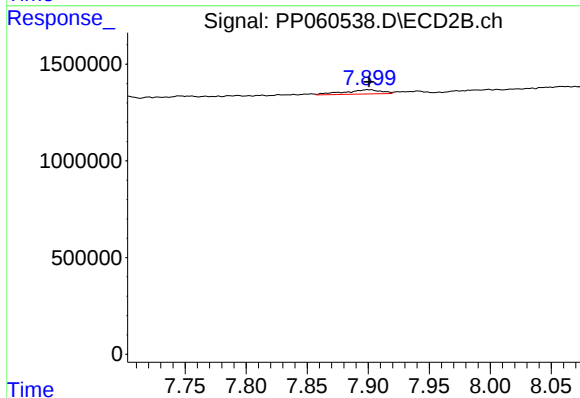
R.T.: 7.688 min
Delta R.T.: -0.003 min
Response: 745259
Conc: 3.06 ng/ml



#43 AR-1268-3

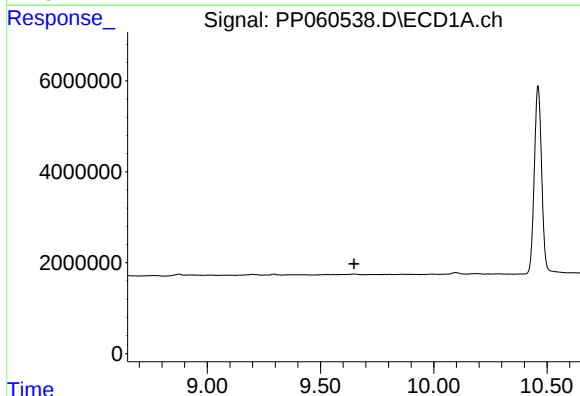
R.T.: 0.000 min
Exp R.T.: 9.198 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



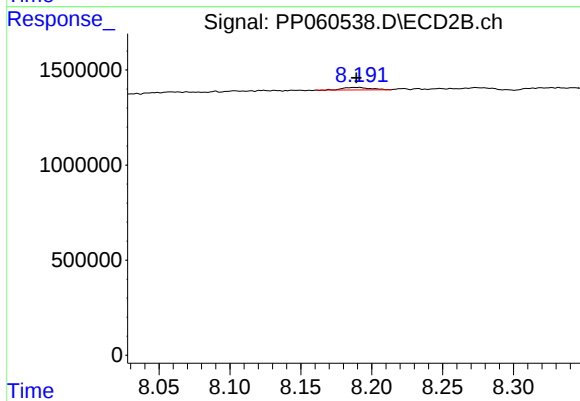
#43 AR-1268-3

R.T.: 7.900 min
Delta R.T.: 0.000 min
Response: 465308
Conc: 2.18 ng/ml



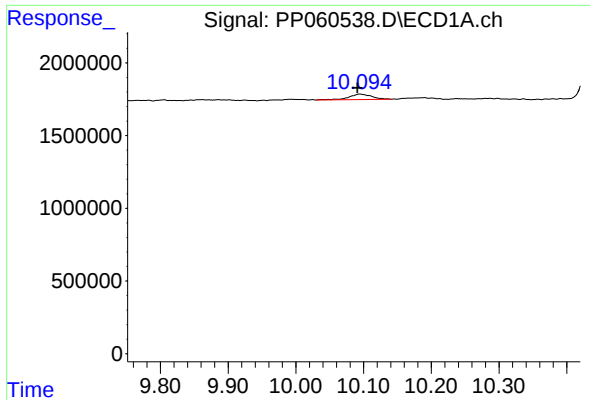
#44 AR-1268-4

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



#44 AR-1268-4

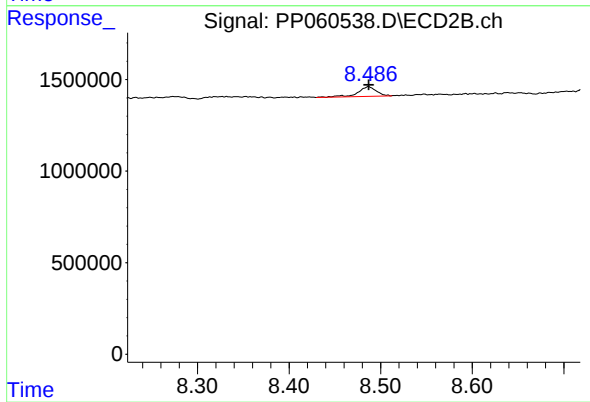
R.T.: 8.191 min
Delta R.T.: 0.001 min
Response: 179704
Conc: 2.05 ng/ml



#45 AR-1268-5

R.T.: 10.095 min
Delta R.T.: 0.004 min
Response: 879569
Conc: 1.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.487 min
Delta R.T.: 0.000 min
Response: 751516
Conc: 1.20 ng/ml