

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081122\
 Data File : PP050492.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Aug 2022 22:21
 Operator : YP\AJ
 Sample : N4143-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 23:23:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080622.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 09 11:38:04 2022
 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...	4.346	3.593	24689705	47541435	15.338	15.178
2)	SA Decachlor...	10.093	8.554	37840102	33072032	21.489	21.488
Target Compounds							
3)	L1 AR-1016-1	0.000	4.694f	0	3844530	N.D.	37.823 #
4)	L1 AR-1016-2	0.000	4.694	0	3844530	N.D.	26.580 #
5)	L1 AR-1016-3	0.000	4.858	0	94730	N.D.	1.248 #
6)	L1 AR-1016-4	0.000	4.903	0	1256956	N.D.	21.573 #
7)	L1 AR-1016-5	0.000	5.123	0	2385380	N.D.	31.220 #
8)	L2 AR-1221-1	0.000	3.805	0	639458	N.D.	16.730 #
9)	L2 AR-1221-2	0.000	3.887	0	676633	N.D.	23.695 #
10)	L2 AR-1221-3	0.000	3.963	0	781054	N.D.	9.123 #
11)	L3 AR-1232-1	0.000	3.963	0	781054	N.D.	11.188 #
12)	L3 AR-1232-2	0.000	4.694	0	3844530	N.D.	59.799 #
13)	L3 AR-1232-3	0.000	4.858	0	94730	N.D.	2.824 #
14)	L3 AR-1232-4	0.000	4.928	0	81097	N.D.	2.753 #
15)	L3 AR-1232-5	0.000	5.123	0	2385380	N.D.	72.437 #
16)	L4 AR-1242-1	0.000	4.694f	0	3844530	N.D.	46.376 #
17)	L4 AR-1242-2	0.000	4.694	0	3844530	N.D.	32.921 #
18)	L4 AR-1242-3	0.000	4.858	0	94730	N.D.	1.545 #
19)	L4 AR-1242-4	0.000	4.928	0	81097	N.D.	1.385 #
20)	L4 AR-1242-5	0.000	5.468	0	10067684	N.D.	144.838 #
22)	L5 AR-1248-2	0.000	4.903	0	1256956	N.D.	14.551 #
23)	L5 AR-1248-3	0.000	4.928	0	81097	N.D.	0.895 #
24)	L5 AR-1248-4	6.415	5.123	12239634	2385380	154.730	22.632 #
25)	L5 AR-1248-5	6.415f	5.504	12239634	1999760	161.230	20.141 #
26)	L6 AR-1254-1	6.362f	5.468	2264975	10067684	30.614	70.839 #
27)	L6 AR-1254-2	6.603	5.606	10546177	1938164	90.781	16.377 #
28)	L6 AR-1254-3	6.980	6.028f	17606334	24782581	142.085	144.025
29)	L6 AR-1254-4	7.251	0.000	3047745	0	31.149	N.D. #
30)	L6 AR-1254-5	7.700f	6.650	894.0E6	923.8E6	8910.596	6938.145
31)	L7 AR-1260-1	7.129	6.136	1680554	2503303	18.401	22.091
32)	L7 AR-1260-2	7.387	6.324	93217995	2466247	815.914	18.358 #
33)	L7 AR-1260-3	7.742	6.459f	2822403	9104957	33.144	75.582 #
34)	L7 AR-1260-4	7.970	6.946	6211383	2709914	65.255	30.569 #
35)	L7 AR-1260-5	8.293	7.187	6655615	5848526	35.605	30.002
36)	L8 AR-1262-1	7.742	0.000	2822403	0	23.568	N.D. #
37)	L8 AR-1262-2	8.293	6.946	6655615	2709914	30.803	24.939
38)	L8 AR-1262-3	8.612f	7.469	41532402	1268928	422.653	17.485 #
39)	L8 AR-1262-4	8.664f	7.532	5707826	4129454	88.785	29.951 #
40)	L8 AR-1262-5	0.000	8.023	0	1342448	N.D.	20.844 #
41)	L9 AR-1268-1	8.612f	7.469	41532402	1268928	163.574	5.775 #
42)	L9 AR-1268-2	8.664f	7.532	5707826	4129454	23.400	20.733

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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	7.737	0	1257001	N.D.	7.425 #
44) L9	AR-1268-4	0.000	8.023	0	1342448	N.D.	18.894 #
45) L9	AR-1268-5	9.785f	8.308	75411152	2385648	113.068	4.333 #

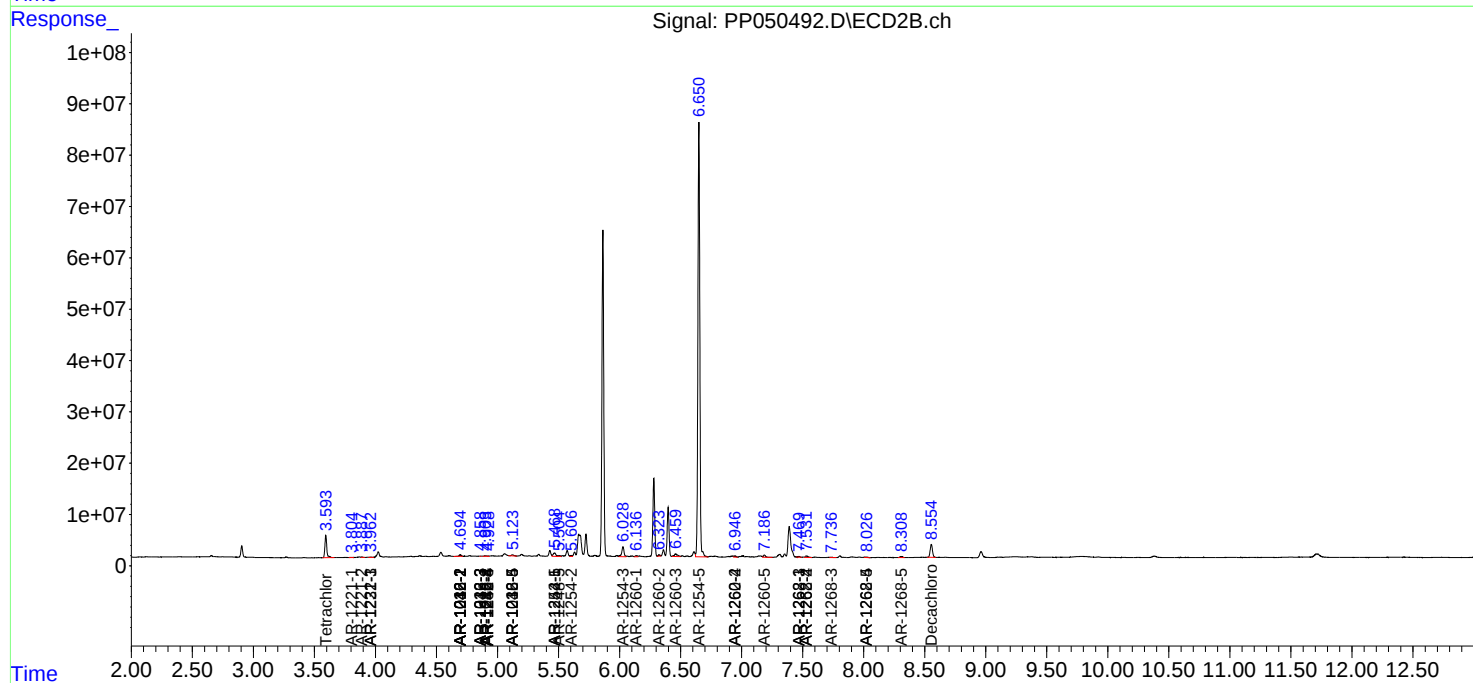
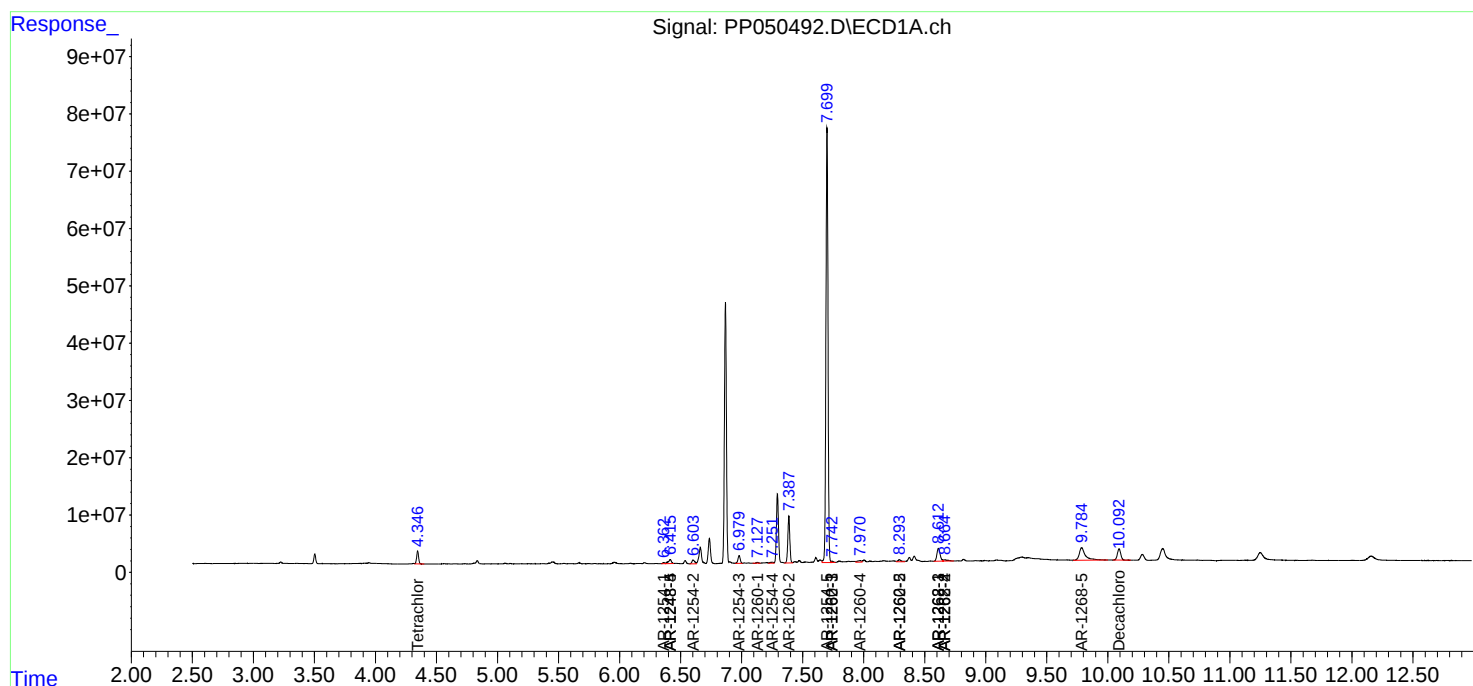
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

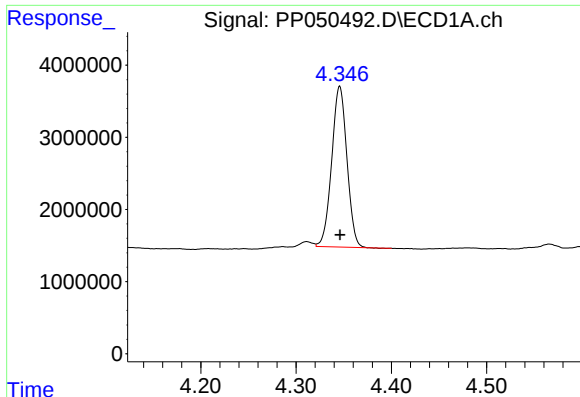
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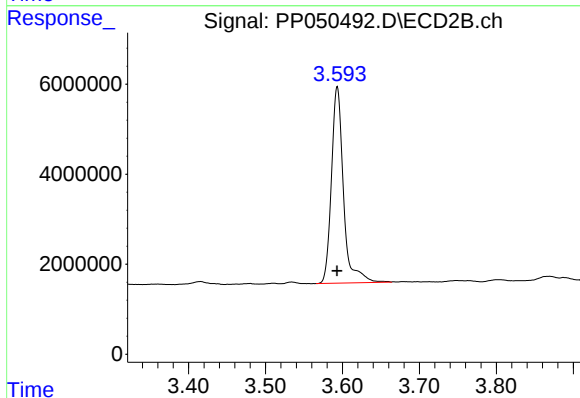




#1 Tetrachloro-m-xylene

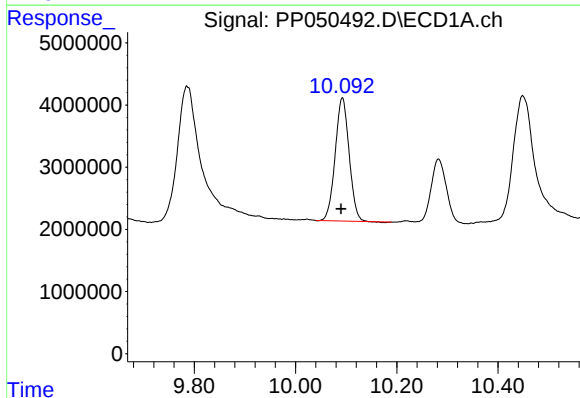
R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 24689705
Conc: 15.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



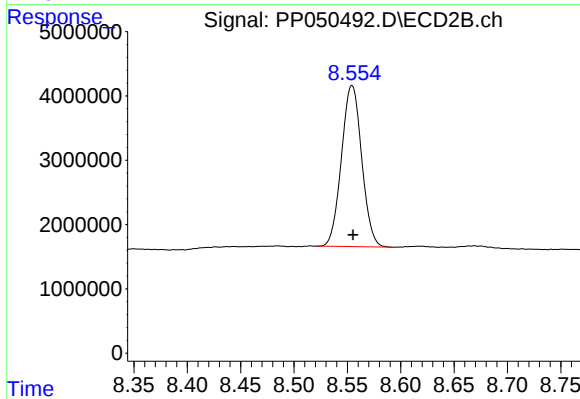
#1 Tetrachloro-m-xylene

R.T.: 3.593 min
Delta R.T.: 0.000 min
Response: 47541435
Conc: 15.18 ng/ml



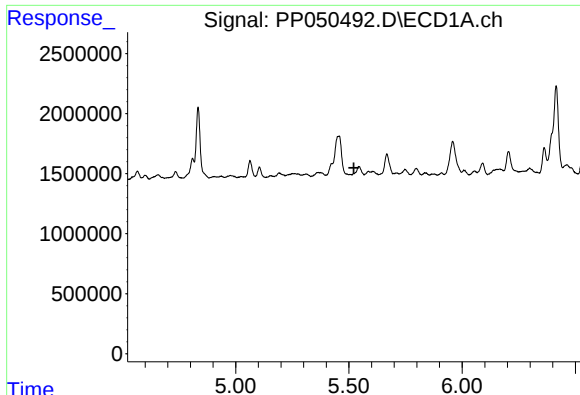
#2 Decachlorobiphenyl

R.T.: 10.093 min
Delta R.T.: 0.003 min
Response: 37840102
Conc: 21.49 ng/ml



#2 Decachlorobiphenyl

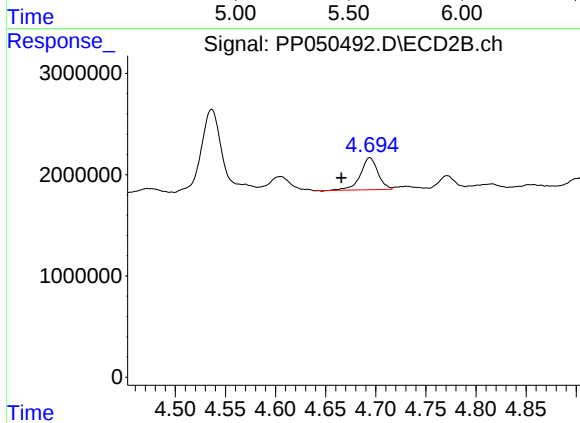
R.T.: 8.554 min
Delta R.T.: 0.000 min
Response: 33072032
Conc: 21.49 ng/ml



#3 AR-1016-1

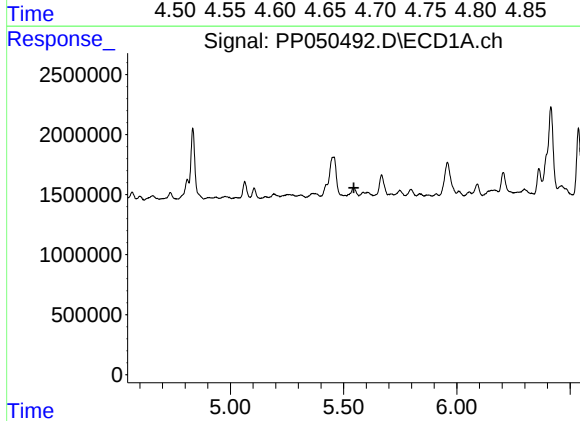
R.T.: 0.000 min
Exp R.T.: 5.522 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



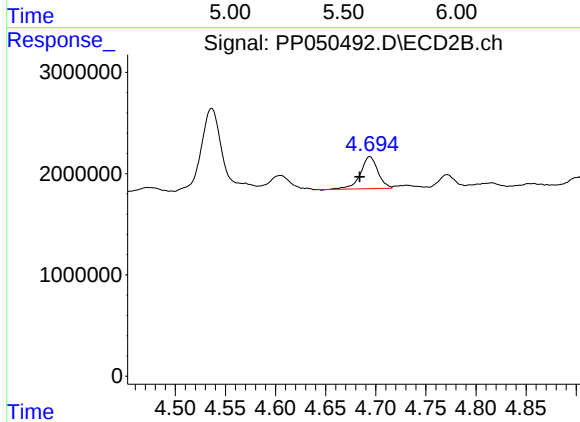
#3 AR-1016-1

R.T.: 4.694 min
Delta R.T.: 0.028 min
Response: 3844530
Conc: 37.82 ng/ml



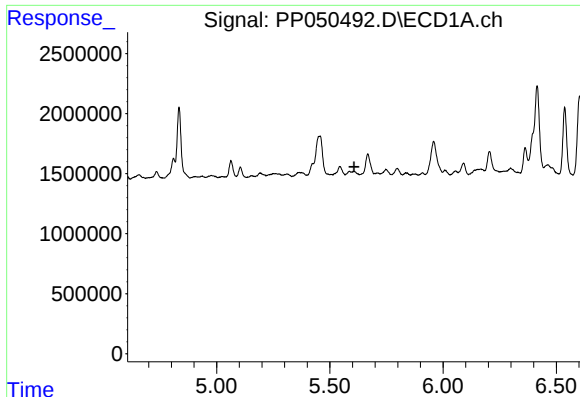
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.545 min
Response: 0
Conc: N.D.



#4 AR-1016-2

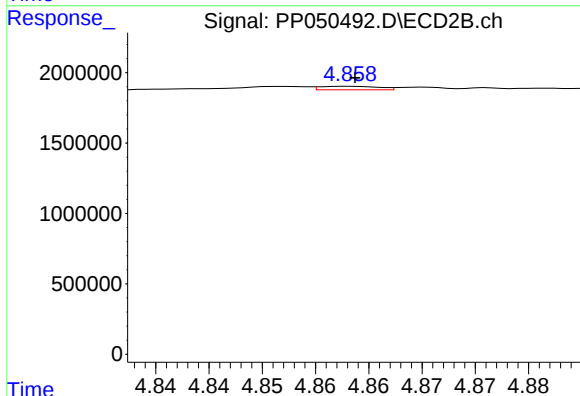
R.T.: 4.694 min
Delta R.T.: 0.010 min
Response: 3844530
Conc: 26.58 ng/ml



#5 AR-1016-3

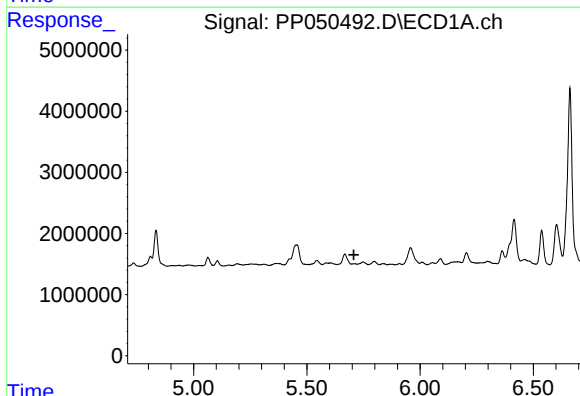
R.T.: 0.000 min
Exp R.T.: 5.606 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



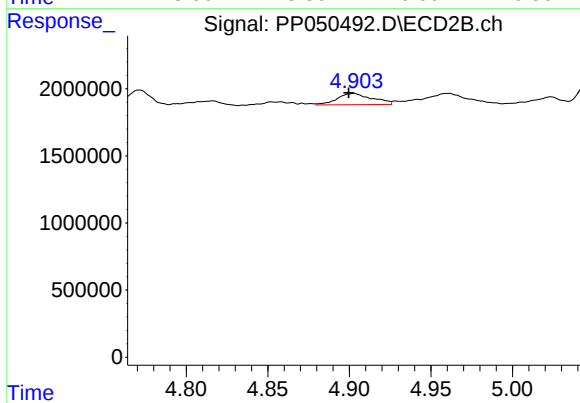
#5 AR-1016-3

R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 94730
Conc: 1.25 ng/ml



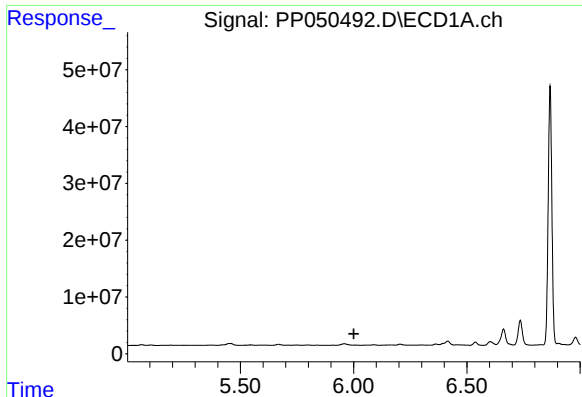
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.707 min
Response: 0
Conc: N.D.



#6 AR-1016-4

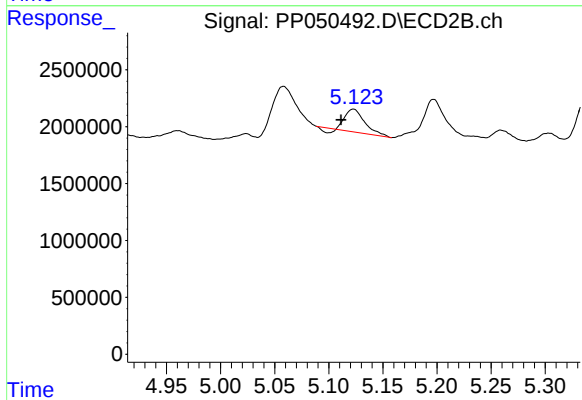
R.T.: 4.903 min
Delta R.T.: 0.004 min
Response: 1256956
Conc: 21.57 ng/ml



#7 AR-1016-5

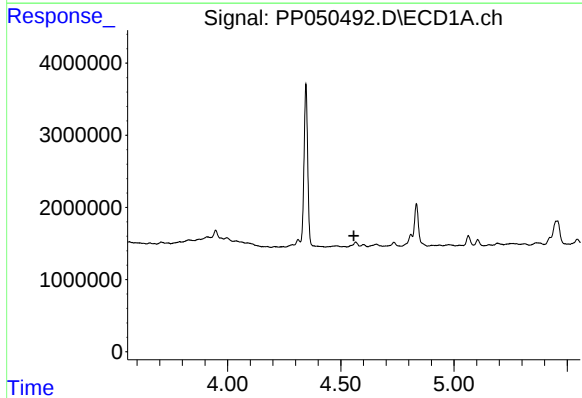
R.T.: 0.000 min
Exp R.T.: 6.001 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



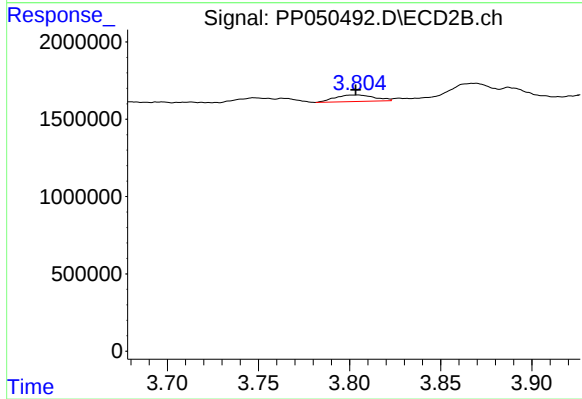
#7 AR-1016-5

R.T.: 5.123 min
Delta R.T.: 0.011 min
Response: 2385380
Conc: 31.22 ng/ml



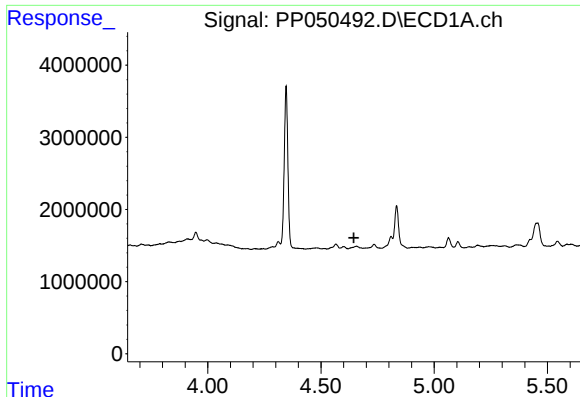
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.558 min
Response: 0
Conc: N.D.



#8 AR-1221-1

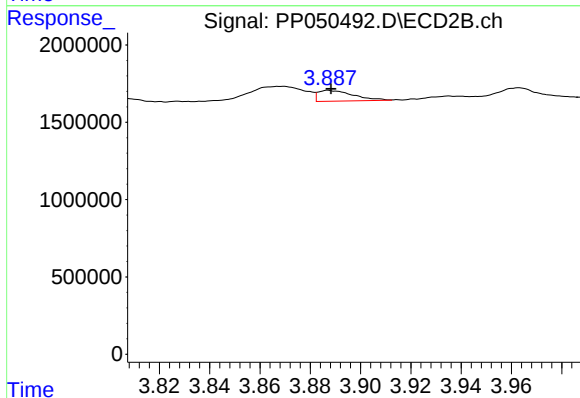
R.T.: 3.805 min
Delta R.T.: 0.001 min
Response: 639458
Conc: 16.73 ng/ml



#9 AR-1221-2

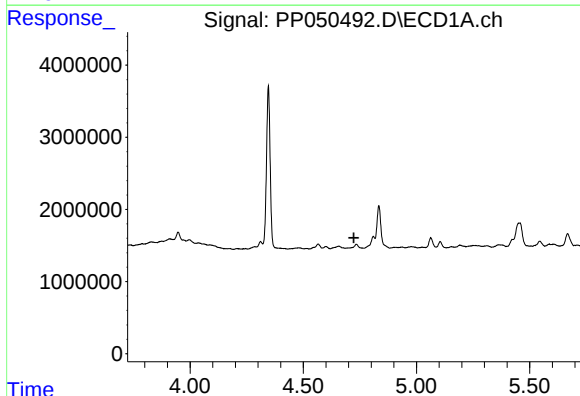
R.T.: 0.000 min
Exp R.T.: 4.646 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



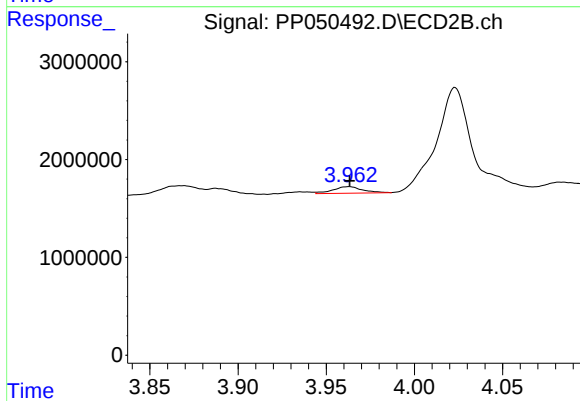
#9 AR-1221-2

R.T.: 3.887 min
Delta R.T.: -0.001 min
Response: 676633
Conc: 23.70 ng/ml



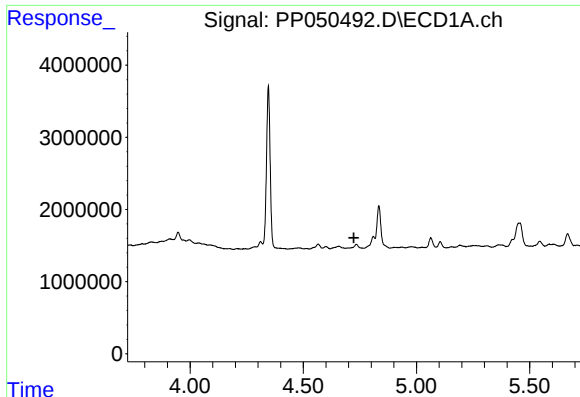
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.723 min
Response: 0
Conc: N.D.



#10 AR-1221-3

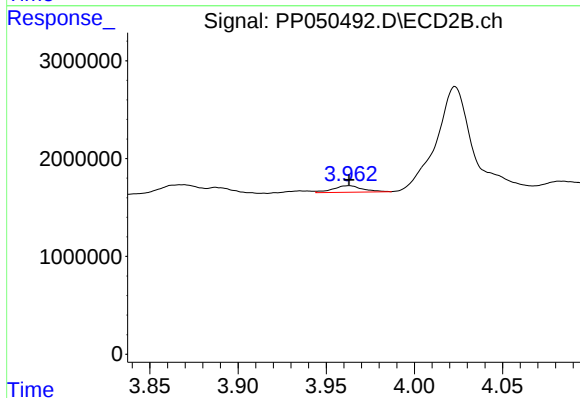
R.T.: 3.963 min
Delta R.T.: 0.000 min
Response: 781054
Conc: 9.12 ng/ml



#11 AR-1232-1

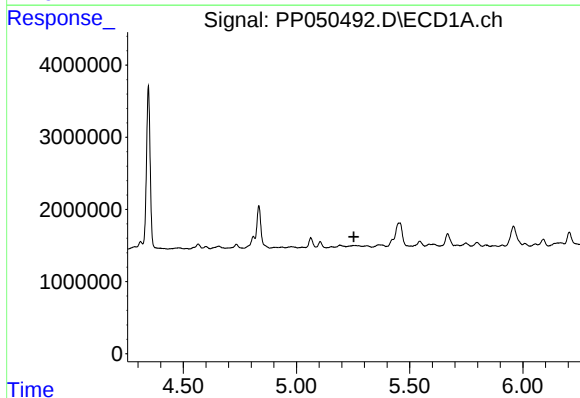
R.T.: 0.000 min
Exp R.T.: 4.723 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



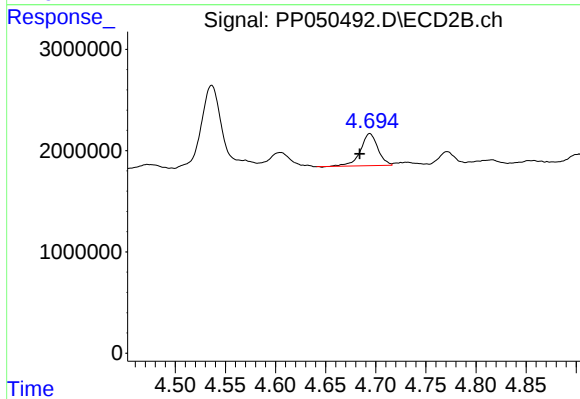
#11 AR-1232-1

R.T.: 3.963 min
Delta R.T.: 0.000 min
Response: 781054
Conc: 11.19 ng/ml



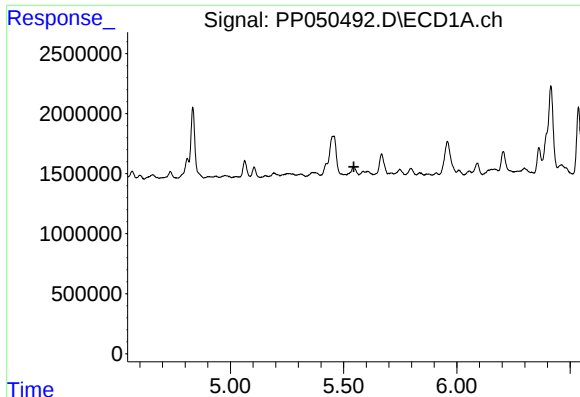
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.254 min
Response: 0
Conc: N.D.



#12 AR-1232-2

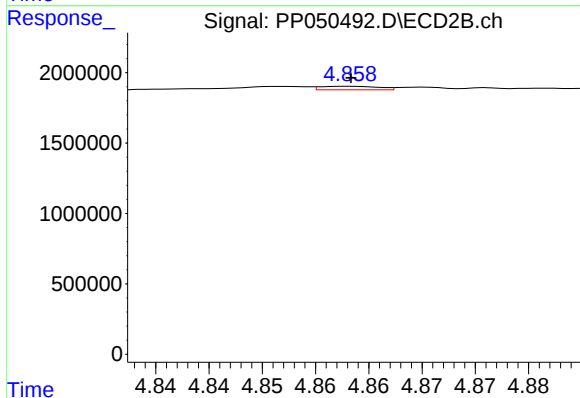
R.T.: 4.694 min
Delta R.T.: 0.010 min
Response: 3844530
Conc: 59.80 ng/ml



#13 AR-1232-3

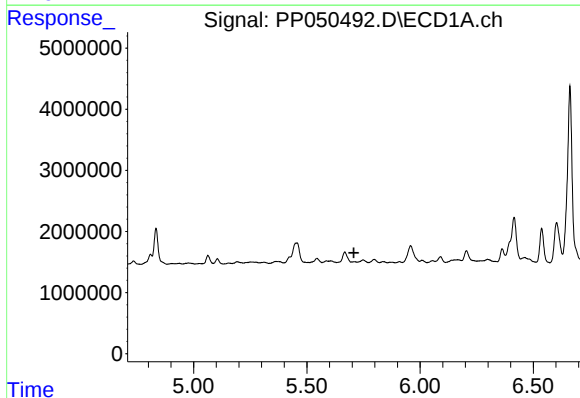
R.T.: 0.000 min
Exp R.T.: 5.545 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



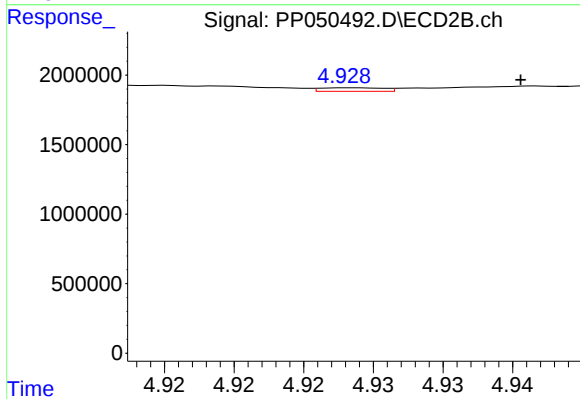
#13 AR-1232-3

R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 94730
Conc: 2.82 ng/ml



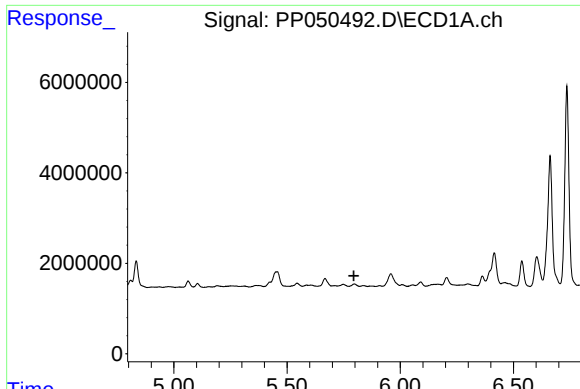
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.708 min
Response: 0
Conc: N.D.



#14 AR-1232-4

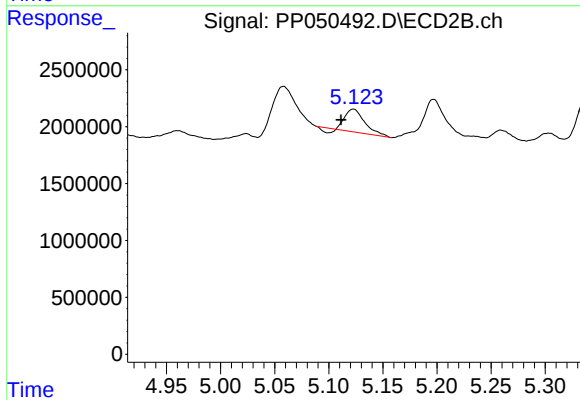
R.T.: 4.928 min
Delta R.T.: -0.012 min
Response: 81097
Conc: 2.75 ng/ml



#15 AR-1232-5

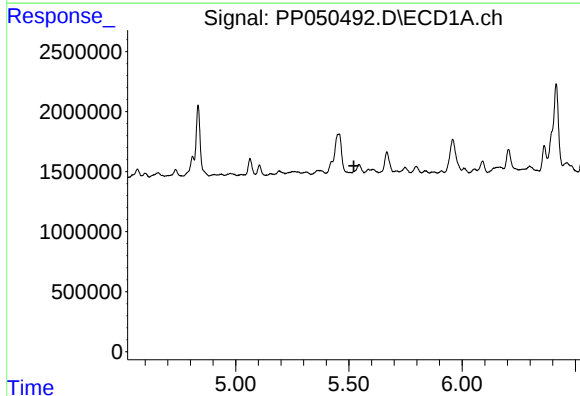
R.T.: 0.000 min
Exp R.T.: 5.795 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



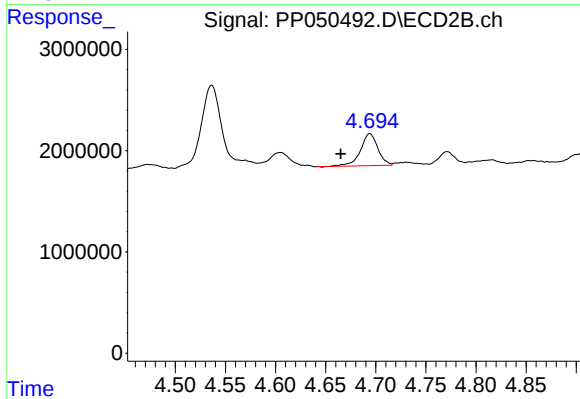
#15 AR-1232-5

R.T.: 5.123 min
Delta R.T.: 0.011 min
Response: 2385380
Conc: 72.44 ng/ml



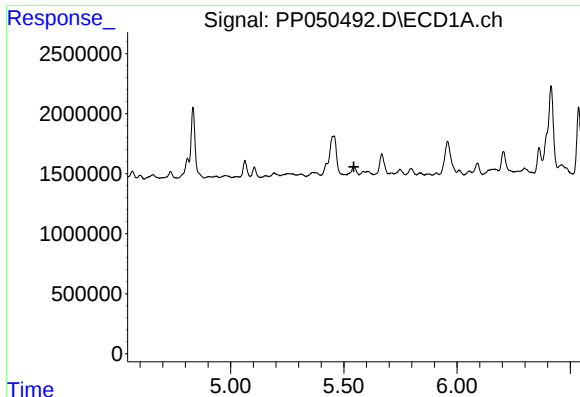
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 5.522 min
Response: 0
Conc: N.D.



#16 AR-1242-1

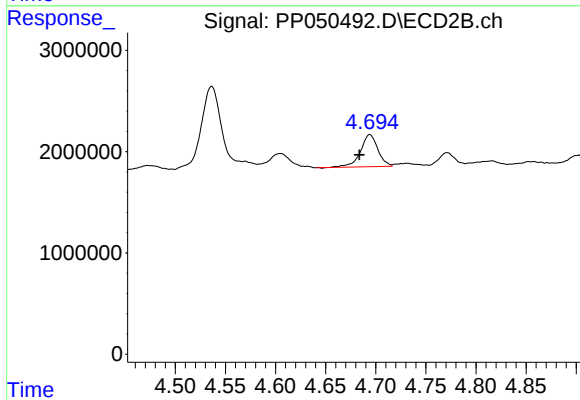
R.T.: 4.694 min
Delta R.T.: 0.029 min
Response: 3844530
Conc: 46.38 ng/ml



#17 AR-1242-2

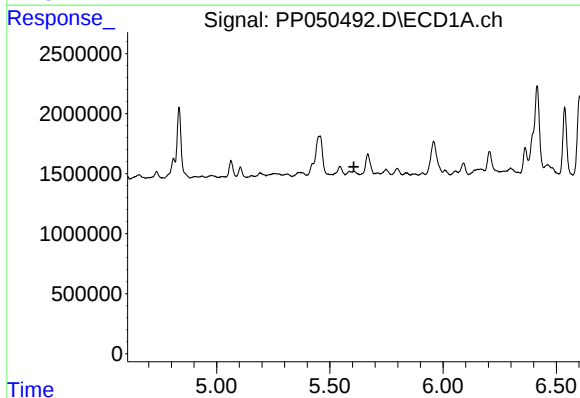
R.T.: 0.000 min
Exp R.T.: 5.545 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



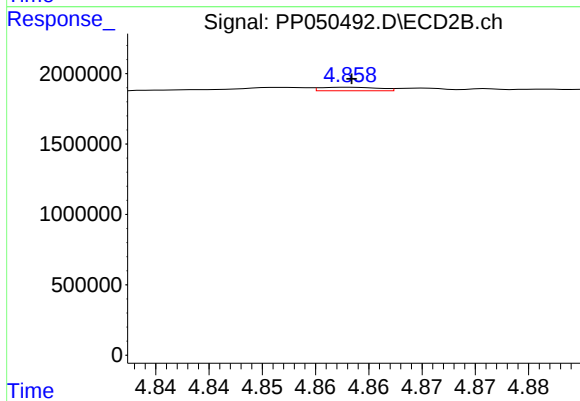
#17 AR-1242-2

R.T.: 4.694 min
Delta R.T.: 0.011 min
Response: 3844530
Conc: 32.92 ng/ml



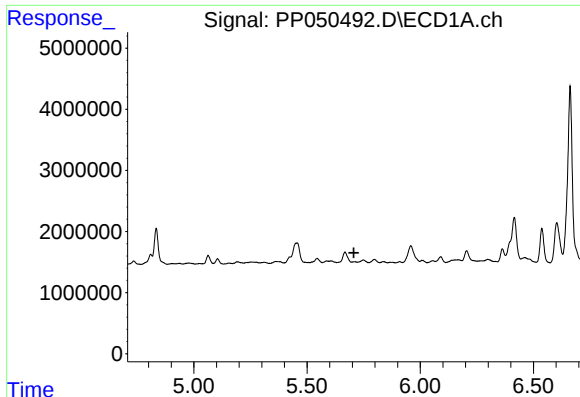
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.606 min
Response: 0
Conc: N.D.



#18 AR-1242-3

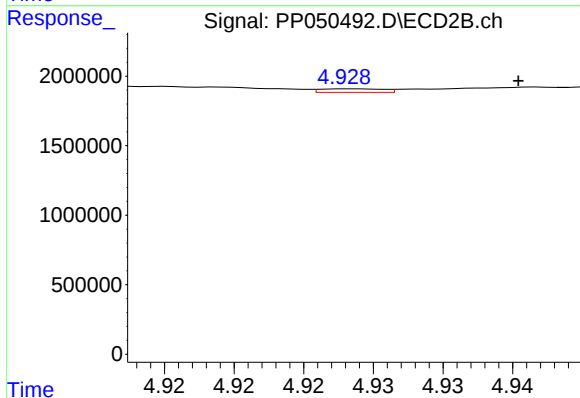
R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 94730
Conc: 1.54 ng/ml



#19 AR-1242-4

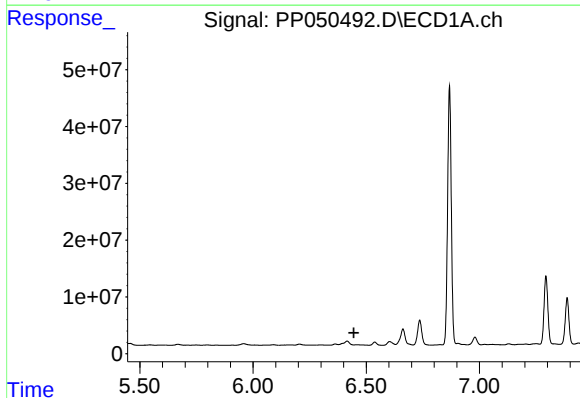
R.T.: 0.000 min
Exp R.T.: 5.707 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



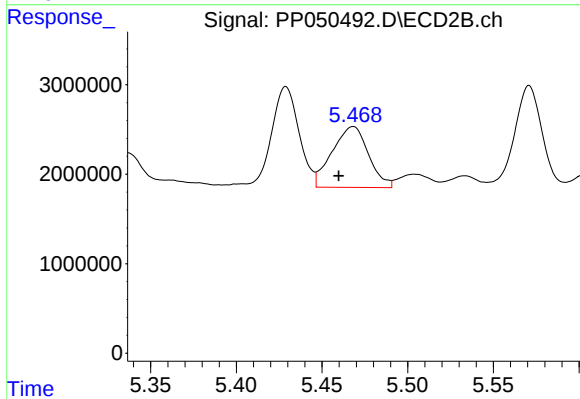
#19 AR-1242-4

R.T.: 4.928 min
Delta R.T.: -0.012 min
Response: 81097
Conc: 1.39 ng/ml



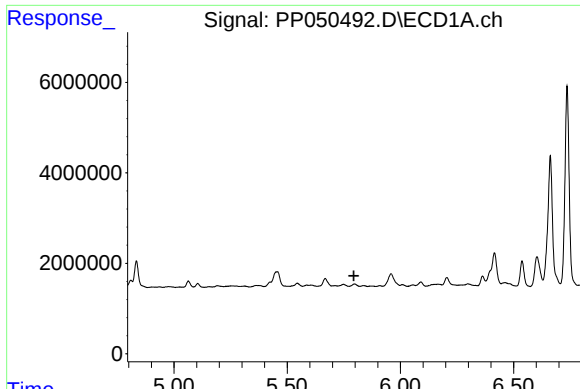
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 6.446 min
Response: 0
Conc: N.D.



#20 AR-1242-5

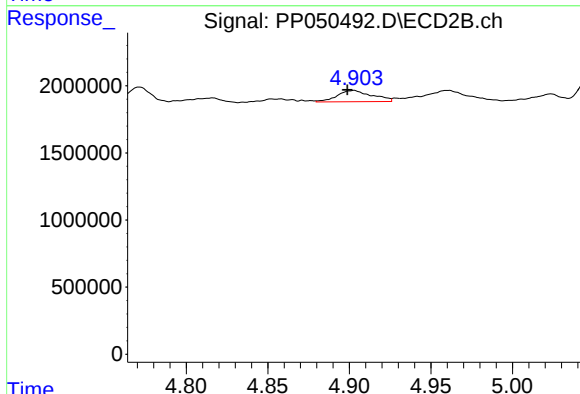
R.T.: 5.468 min
Delta R.T.: 0.009 min
Response: 10067684
Conc: 144.84 ng/ml



#22 AR-1248-2

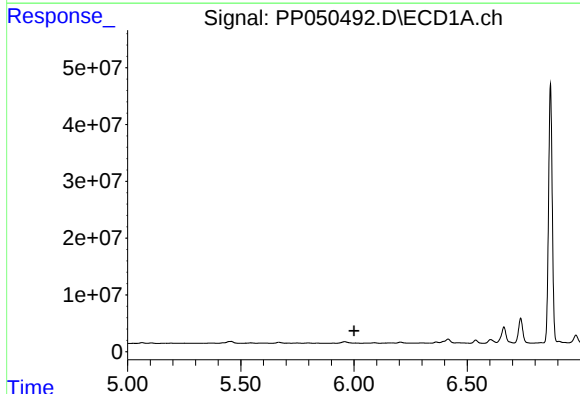
R.T.: 0.000 min
Exp R.T.: 5.794 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



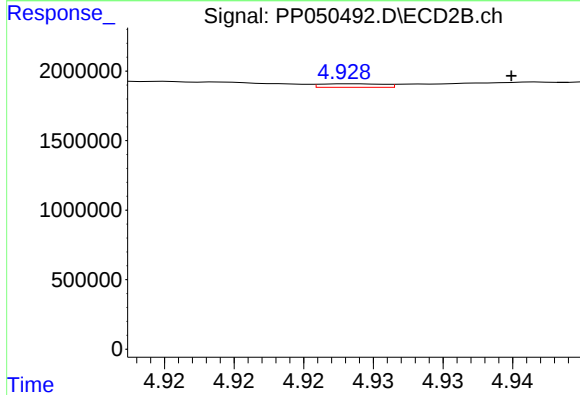
#22 AR-1248-2

R.T.: 4.903 min
Delta R.T.: 0.004 min
Response: 1256956
Conc: 14.55 ng/ml



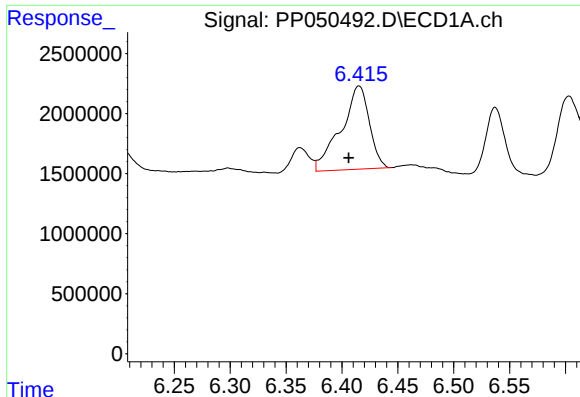
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 6.000 min
Response: 0
Conc: N.D.



#23 AR-1248-3

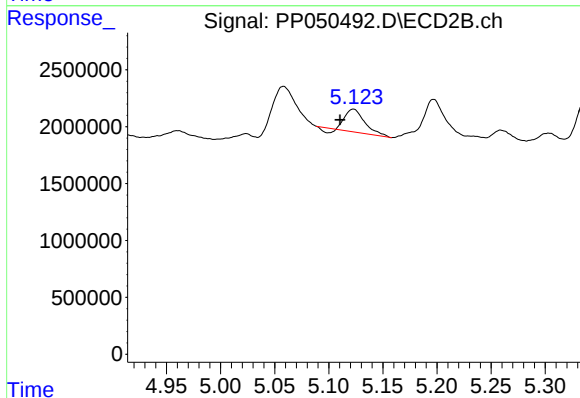
R.T.: 4.928 min
Delta R.T.: -0.011 min
Response: 81097
Conc: 0.89 ng/ml



#24 AR-1248-4

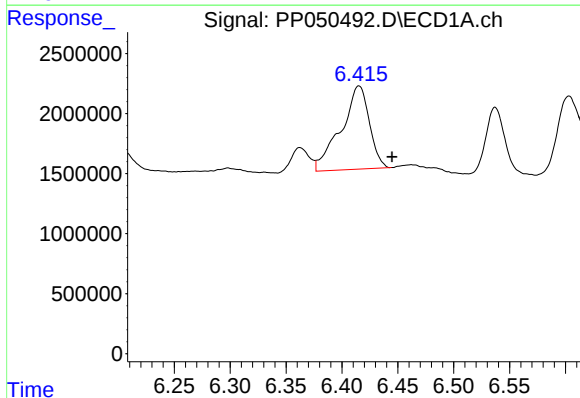
R.T.: 6.415 min
Delta R.T.: 0.009 min
Response: 12239634
Conc: 154.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



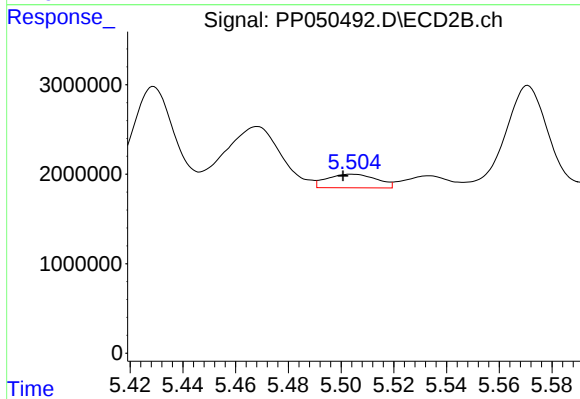
#24 AR-1248-4

R.T.: 5.123 min
Delta R.T.: 0.012 min
Response: 2385380
Conc: 22.63 ng/ml



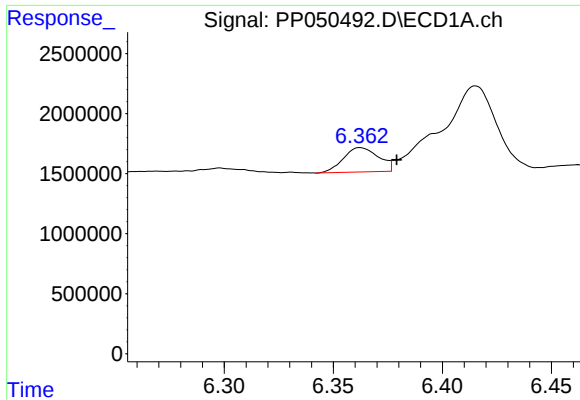
#25 AR-1248-5

R.T.: 6.415 min
Delta R.T.: -0.029 min
Response: 12239634
Conc: 161.23 ng/ml



#25 AR-1248-5

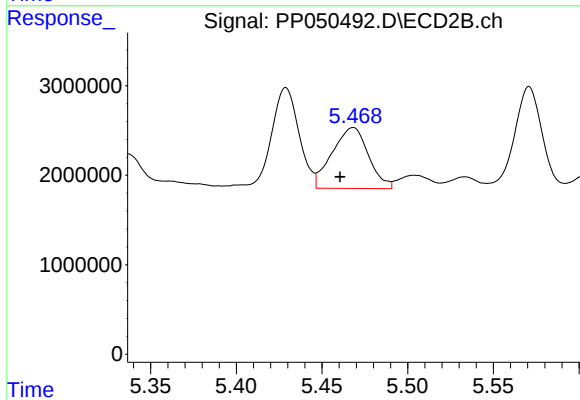
R.T.: 5.504 min
Delta R.T.: 0.003 min
Response: 1999760
Conc: 20.14 ng/ml



#26 AR-1254-1

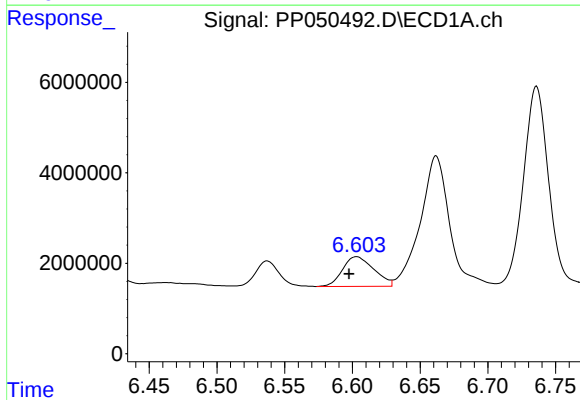
R.T.: 6.362 min
Delta R.T.: -0.017 min
Response: 2264975
Conc: 30.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



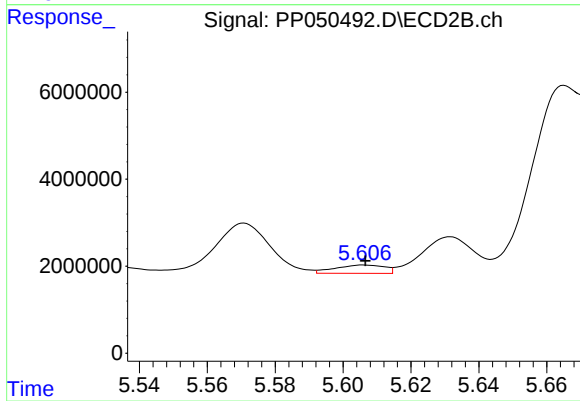
#26 AR-1254-1

R.T.: 5.468 min
Delta R.T.: 0.008 min
Response: 10067684
Conc: 70.84 ng/ml



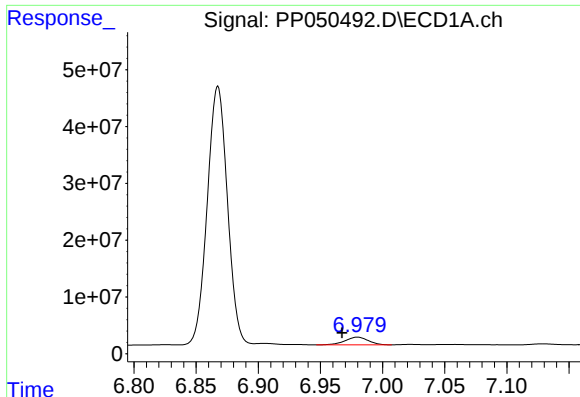
#27 AR-1254-2

R.T.: 6.603 min
Delta R.T.: 0.005 min
Response: 10546177
Conc: 90.78 ng/ml



#27 AR-1254-2

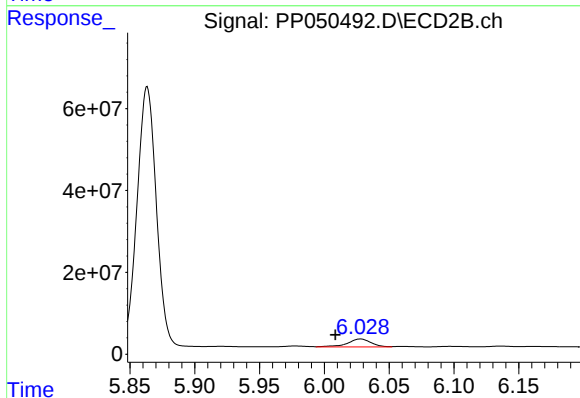
R.T.: 5.606 min
Delta R.T.: 0.000 min
Response: 1938164
Conc: 16.38 ng/ml



#28 AR-1254-3

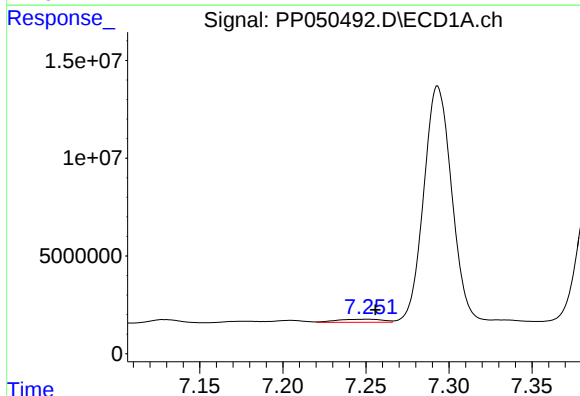
R.T.: 6.980 min
Delta R.T.: 0.012 min
Response: 17606334
Conc: 142.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



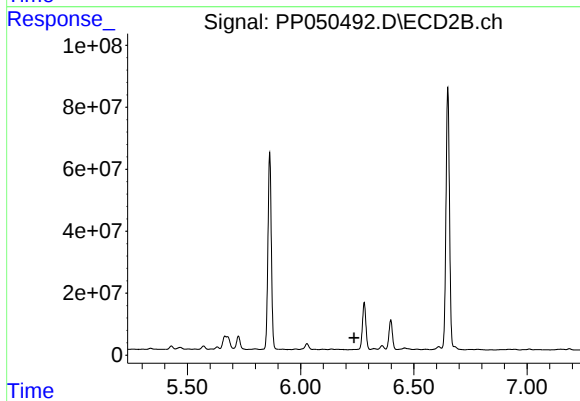
#28 AR-1254-3

R.T.: 6.028 min
Delta R.T.: 0.019 min
Response: 24782581
Conc: 144.03 ng/ml



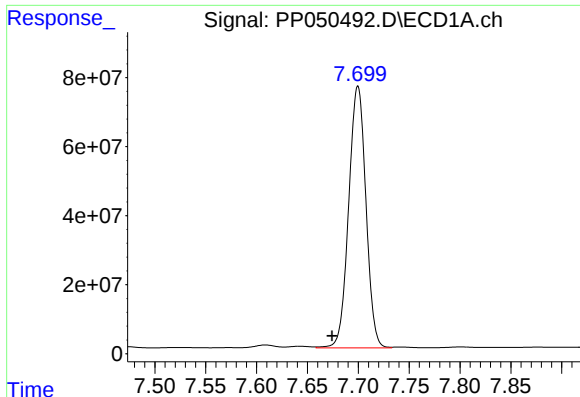
#29 AR-1254-4

R.T.: 7.251 min
Delta R.T.: -0.004 min
Response: 3047745
Conc: 31.15 ng/ml



#29 AR-1254-4

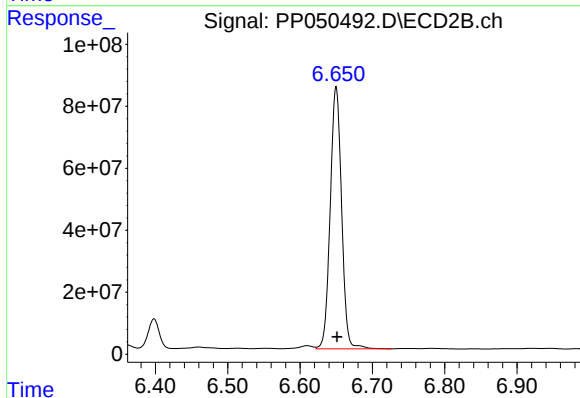
R.T.: 0.000 min
Exp R.T. : 6.236 min
Response: 0
Conc: N.D.



#30 AR-1254-5

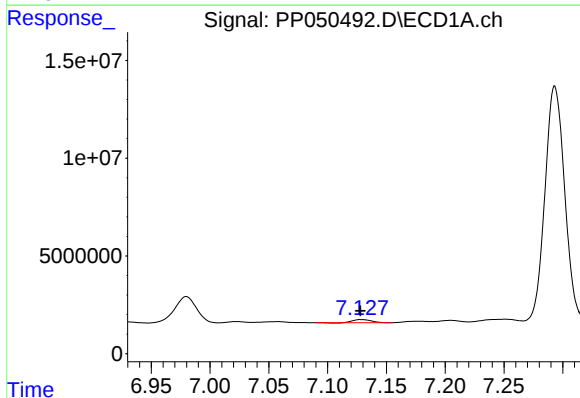
R.T.: 7.700 min
Delta R.T.: 0.026 min
Response: 893952077
Conc: 8910.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



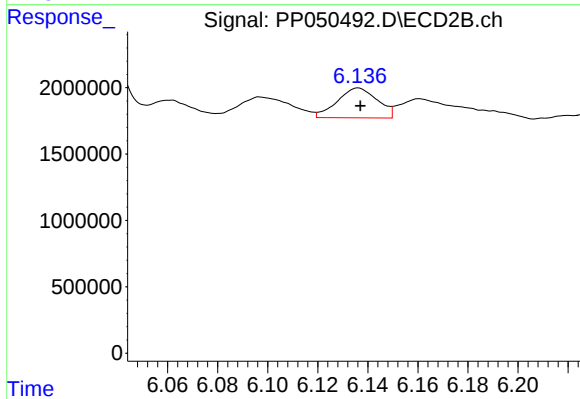
#30 AR-1254-5

R.T.: 6.650 min
Delta R.T.: -0.002 min
Response: 923841383
Conc: 6938.14 ng/ml



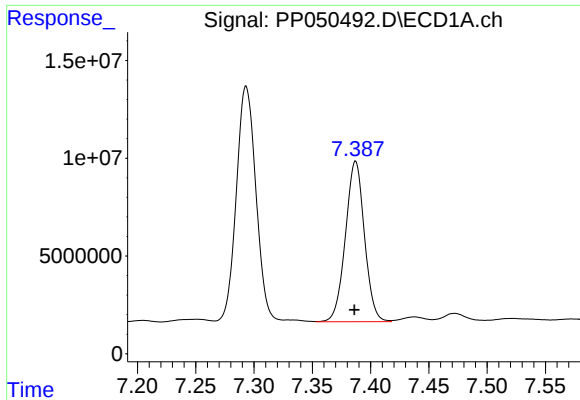
#31 AR-1260-1

R.T.: 7.129 min
Delta R.T.: 0.000 min
Response: 1680554
Conc: 18.40 ng/ml



#31 AR-1260-1

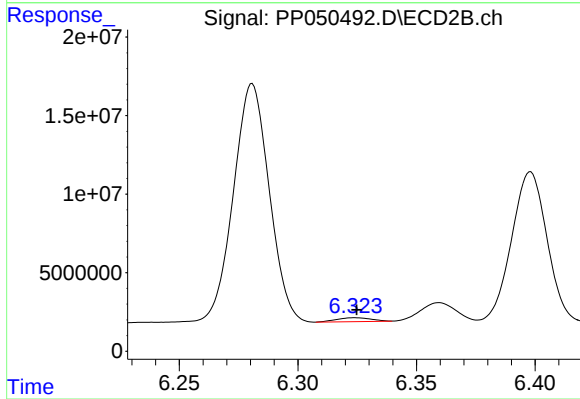
R.T.: 6.136 min
Delta R.T.: 0.000 min
Response: 2503303
Conc: 22.09 ng/ml



#32 AR-1260-2

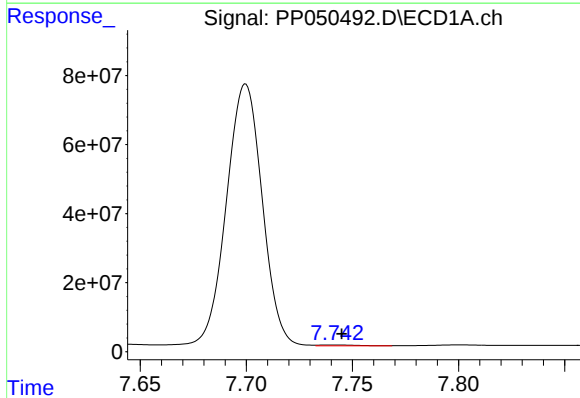
R.T.: 7.387 min
Delta R.T.: 0.000 min
Response: 93217995
Conc: 815.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



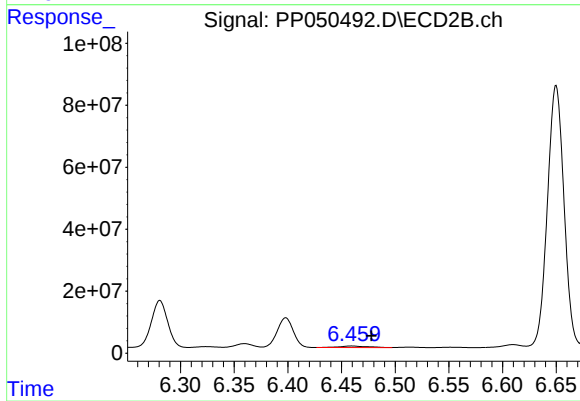
#32 AR-1260-2

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 2466247
Conc: 18.36 ng/ml



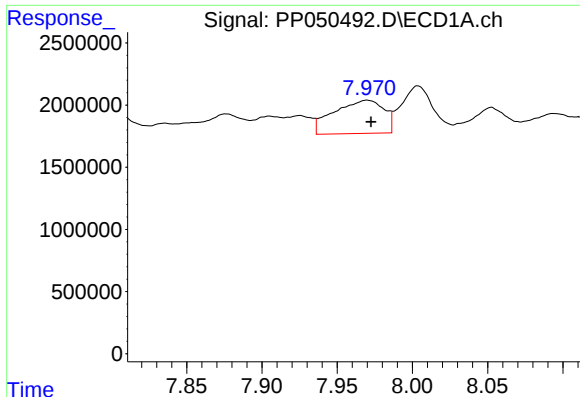
#33 AR-1260-3

R.T.: 7.742 min
Delta R.T.: -0.003 min
Response: 2822403
Conc: 33.14 ng/ml



#33 AR-1260-3

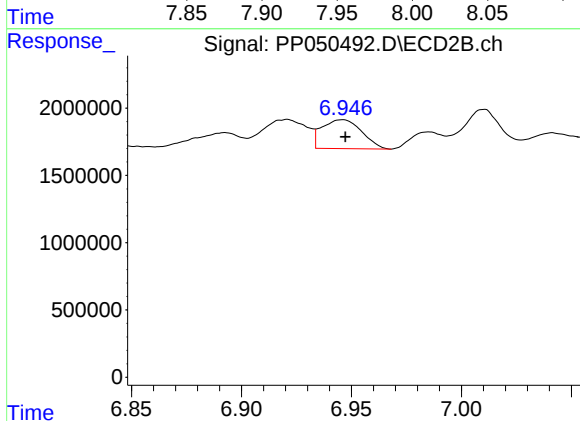
R.T.: 6.459 min
Delta R.T.: -0.019 min
Response: 9104957
Conc: 75.58 ng/ml



#34 AR-1260-4

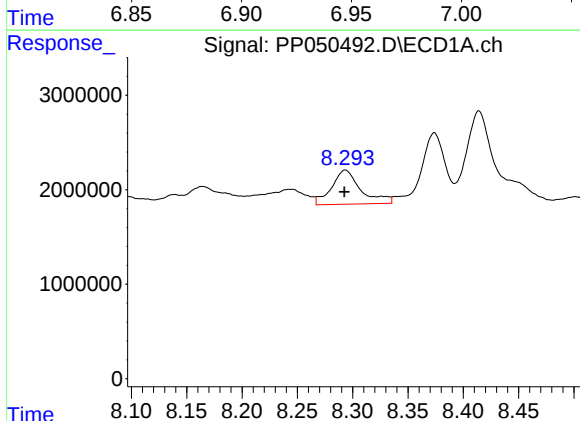
R.T.: 7.970 min
Delta R.T.: -0.003 min
Response: 6211383
Conc: 65.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



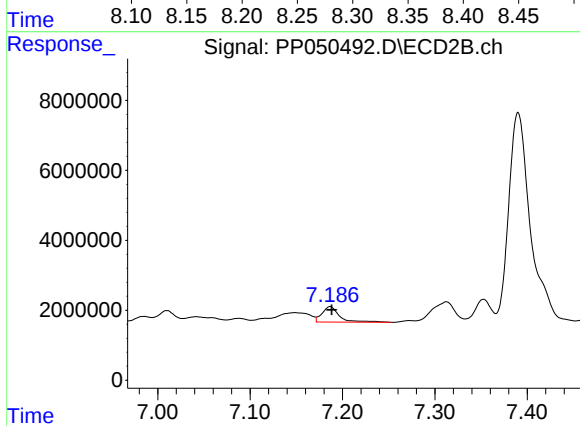
#34 AR-1260-4

R.T.: 6.946 min
Delta R.T.: -0.001 min
Response: 2709914
Conc: 30.57 ng/ml



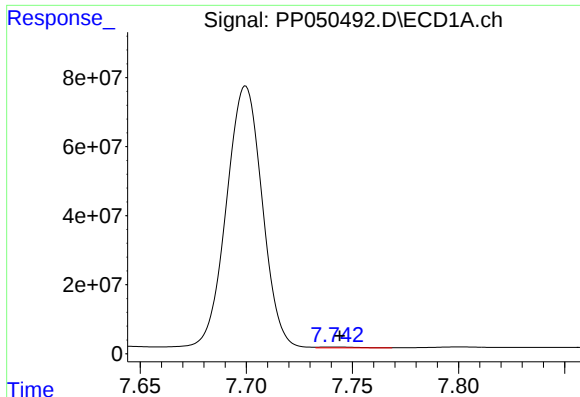
#35 AR-1260-5

R.T.: 8.293 min
Delta R.T.: 0.001 min
Response: 6655615
Conc: 35.60 ng/ml



#35 AR-1260-5

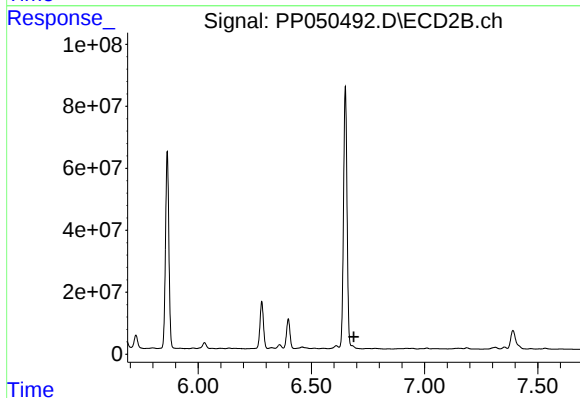
R.T.: 7.187 min
Delta R.T.: -0.002 min
Response: 5848526
Conc: 30.00 ng/ml



#36 AR-1262-1

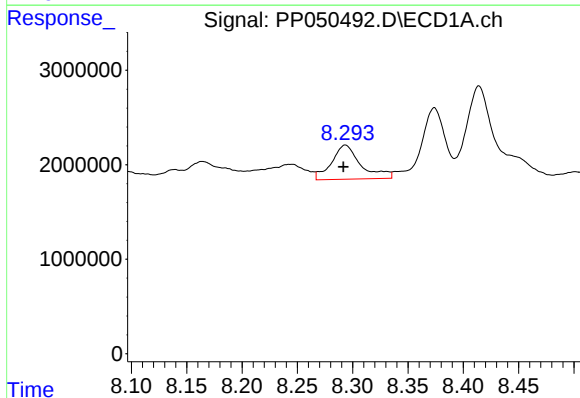
R.T.: 7.742 min
Delta R.T.: -0.002 min
Response: 2822403
Conc: 23.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



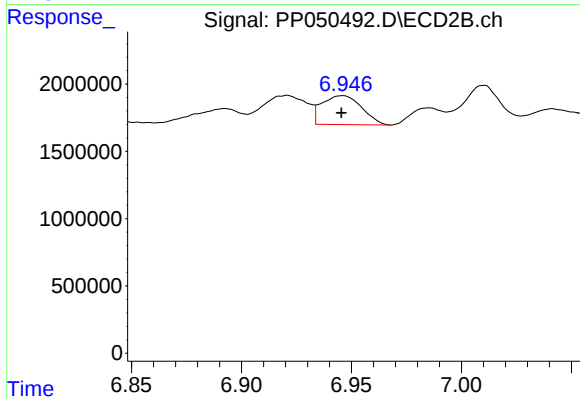
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.688 min
Response: 0
Conc: N.D.



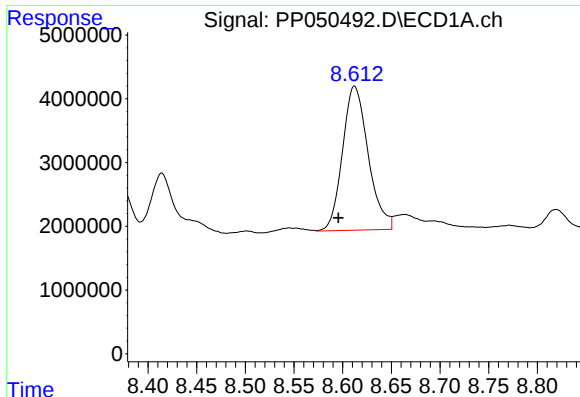
#37 AR-1262-2

R.T.: 8.293 min
Delta R.T.: 0.002 min
Response: 6655615
Conc: 30.80 ng/ml



#37 AR-1262-2

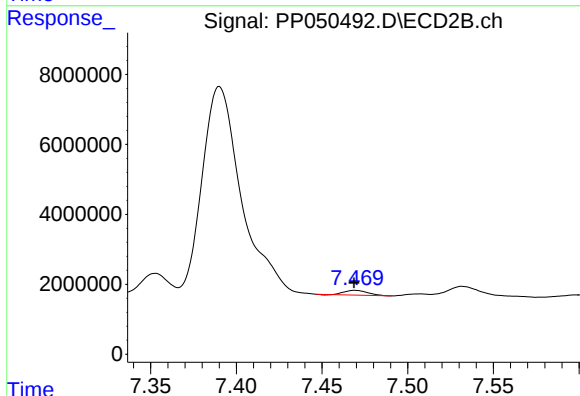
R.T.: 6.946 min
Delta R.T.: 0.000 min
Response: 2709914
Conc: 24.94 ng/ml



#38 AR-1262-3

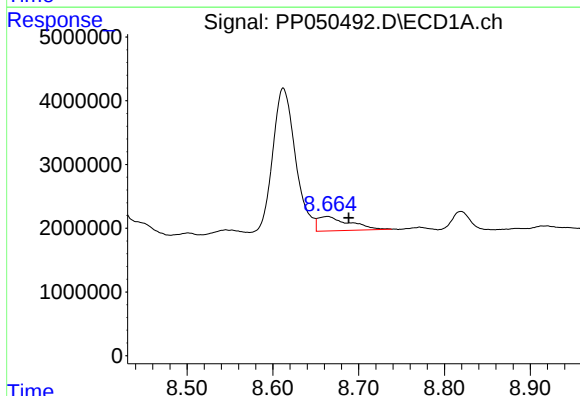
R.T.: 8.612 min
Delta R.T.: 0.016 min
Response: 41532402
Conc: 422.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



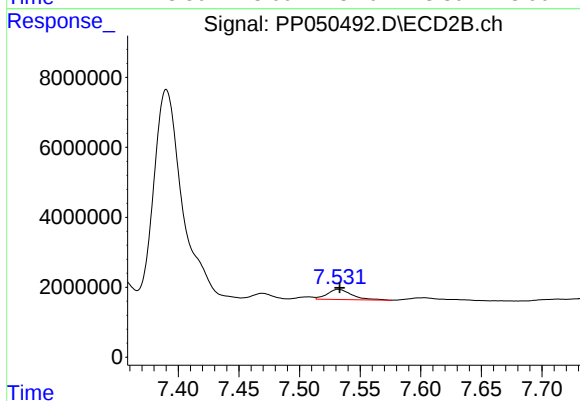
#38 AR-1262-3

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 1268928
Conc: 17.49 ng/ml



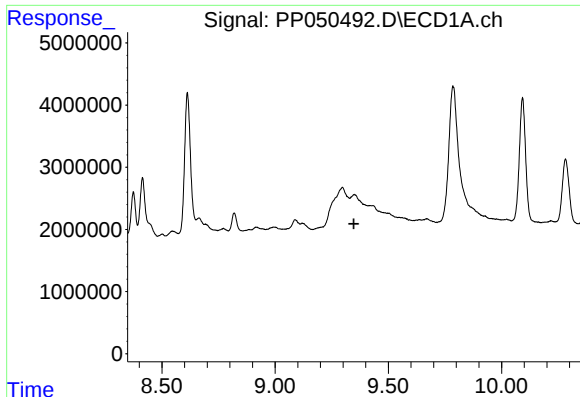
#39 AR-1262-4

R.T.: 8.664 min
Delta R.T.: -0.025 min
Response: 5707826
Conc: 88.78 ng/ml



#39 AR-1262-4

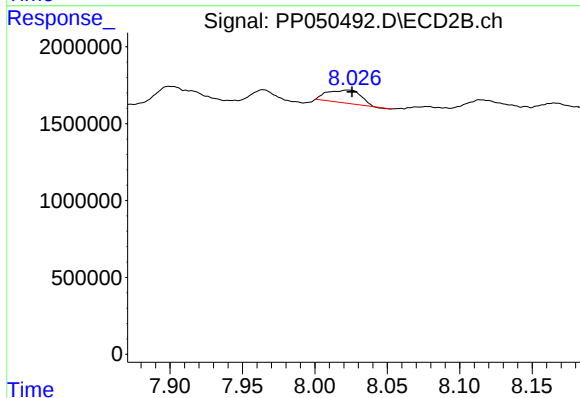
R.T.: 7.532 min
Delta R.T.: -0.001 min
Response: 4129454
Conc: 29.95 ng/ml



#40 AR-1262-5

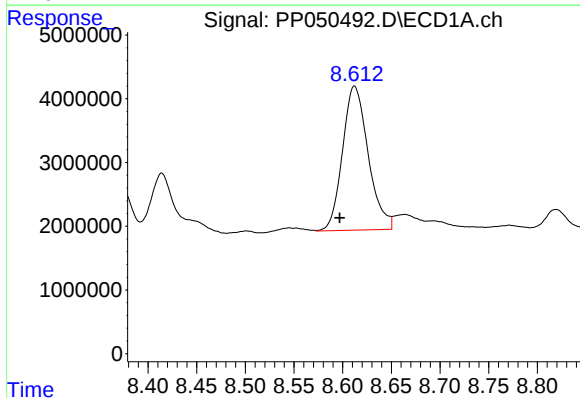
R.T.: 0.000 min
Exp R.T.: 9.348 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



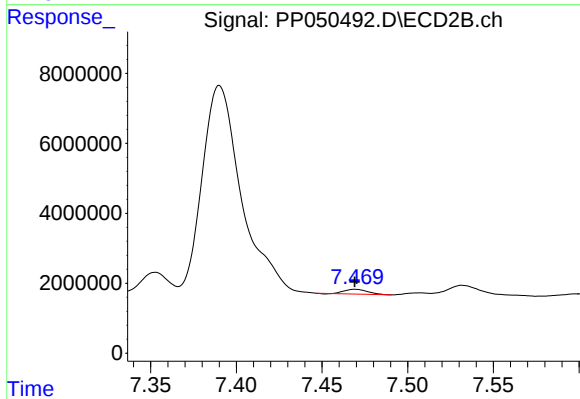
#40 AR-1262-5

R.T.: 8.023 min
Delta R.T.: -0.003 min
Response: 1342448
Conc: 20.84 ng/ml



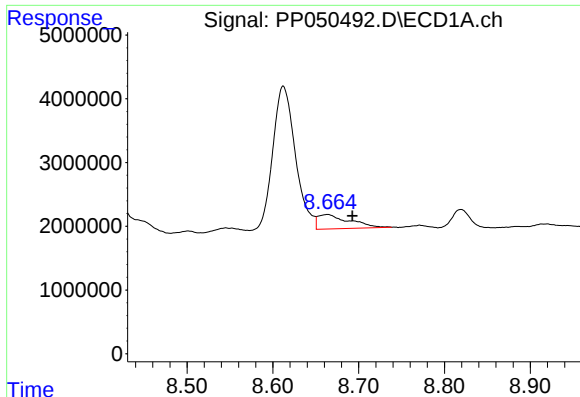
#41 AR-1268-1

R.T.: 8.612 min
Delta R.T.: 0.015 min
Response: 41532402
Conc: 163.57 ng/ml



#41 AR-1268-1

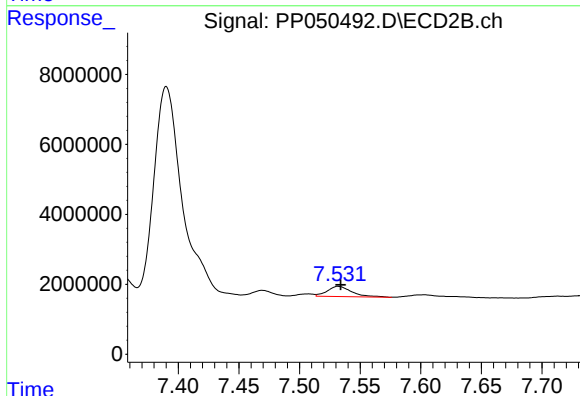
R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 1268928
Conc: 5.77 ng/ml



#42 AR-1268-2

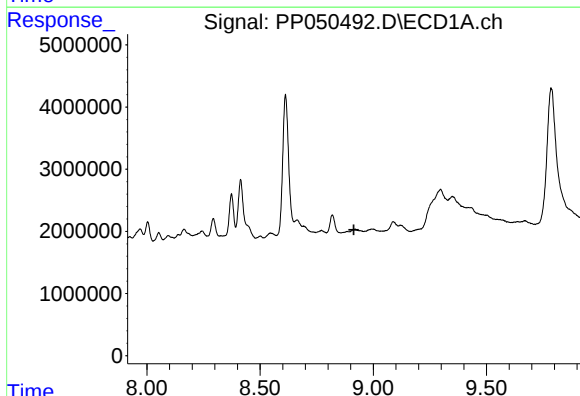
R.T.: 8.664 min
Delta R.T.: -0.029 min
Response: 5707826
Conc: 23.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



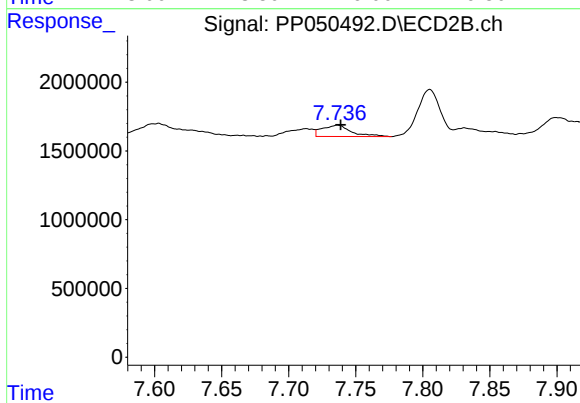
#42 AR-1268-2

R.T.: 7.532 min
Delta R.T.: -0.002 min
Response: 4129454
Conc: 20.73 ng/ml



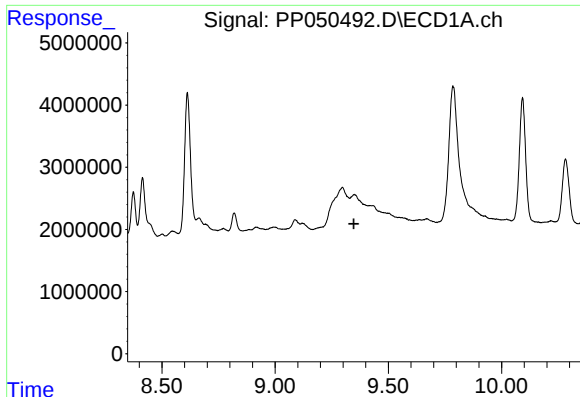
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.915 min
Response: 0
Conc: N.D.



#43 AR-1268-3

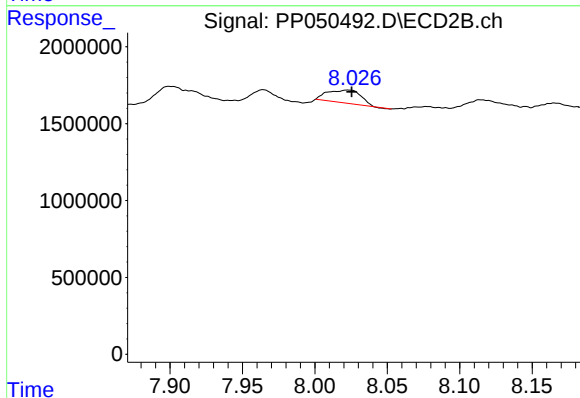
R.T.: 7.737 min
Delta R.T.: -0.002 min
Response: 1257001
Conc: 7.43 ng/ml



#44 AR-1268-4

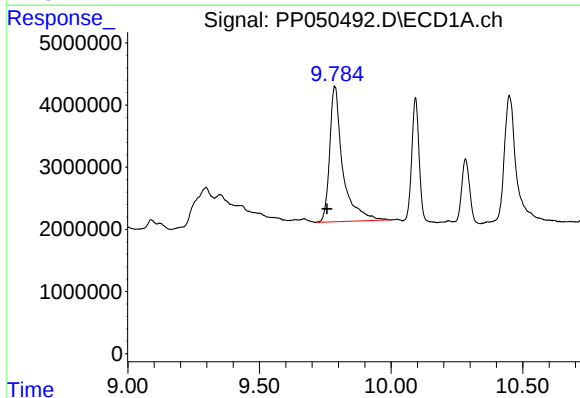
R.T.: 0.000 min
Exp R.T.: 9.348 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



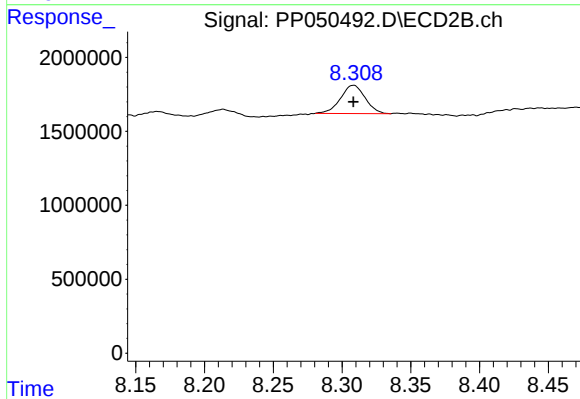
#44 AR-1268-4

R.T.: 8.023 min
Delta R.T.: -0.002 min
Response: 1342448
Conc: 18.89 ng/ml



#45 AR-1268-5

R.T.: 9.785 min
Delta R.T.: 0.028 min
Response: 75411152
Conc: 113.07 ng/ml



#45 AR-1268-5

R.T.: 8.308 min
Delta R.T.: 0.000 min
Response: 2385648
Conc: 4.33 ng/ml