

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042423\
 Data File : PP057179.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Apr 2023 15:09
 Operator : YP\AJ
 Sample : 02470-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 24 22:39:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 20 16:59:40 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...	4.404	3.632	57299003	45226814	25.904	26.772
2)	SA Decachlor...	10.219	8.688	53526219	50234432	33.354	28.080
Target Compounds							
3)	L1 AR-1016-1	5.606f	0.000	3830173	0	61.055	N.D. #
4)	L1 AR-1016-2	5.606	4.758	3830173	1801892	41.974	22.487 #
5)	L1 AR-1016-3	5.650	4.924	660540	428820	11.453	9.872
6)	L1 AR-1016-4	0.000	4.968	0	731328	N.D.	18.846 #
7)	L1 AR-1016-5	6.073	5.189	5043145	-27778	104.666	N.D. #
8)	L2 AR-1221-1	4.611	3.858	2972899	158287	111.366	7.416 #
9)	L2 AR-1221-2	4.711	3.932	1005501	941533	51.665	58.549
10)	L2 AR-1221-3	4.794f	4.007	324836	305833	5.539	6.222
11)	L3 AR-1232-1	4.794f	4.007	324836	305833	6.700	7.614
12)	L3 AR-1232-2	5.308	4.758	732723	1801892	29.500	49.811 #
13)	L3 AR-1232-3	5.606	4.924	3830173	428820	92.085	22.310 #
15)	L3 AR-1232-5	5.856	5.189	976959	-27778	51.676	N.D. #
16)	L4 AR-1242-1	5.606f	0.000	3830173	0	74.831	N.D. #
17)	L4 AR-1242-2	5.606	4.758	3830173	1801892	51.137	27.742 #
18)	L4 AR-1242-3	5.650	4.924	660540	428820	14.023	12.073
20)	L4 AR-1242-5	6.476f	5.540	9380231	13941995	278.485	311.646
21)	L5 AR-1248-1	5.606f	0.000	3830173	0	99.625	N.D. #
22)	L5 AR-1248-2	5.856	4.968	976959	731328	15.504	13.174
23)	L5 AR-1248-3	6.073	0.000	5043145	0	75.546	N.D. #
24)	L5 AR-1248-4	6.476	5.189	9380231	-27778	158.473	N.D. #
25)	L5 AR-1248-5	6.476f	5.581	9380231	998493	161.581	17.183 #
26)	L6 AR-1254-1	6.442	5.540	13387529	13941995	177.268	138.350
27)	L6 AR-1254-2	6.662	5.686	9482776	4426802	87.433	49.541 #
28)	L6 AR-1254-3	7.029	6.093	18766124	22484174	181.291	160.483
29)	L6 AR-1254-4	7.315	6.322	4661101	2496112	75.025	33.131 #
30)	L6 AR-1254-5	7.756f	6.742	44603854	46751653	619.226	379.792 #
31)	L7 AR-1260-1	7.194	6.224	10887490	14562729	125.007	143.711
32)	L7 AR-1260-2	7.448	6.412	18900689	8283488	205.817	71.267 #
33)	L7 AR-1260-3	7.813	6.567	5245328	10869629	72.283	98.254 #
34)	L7 AR-1260-4	8.032	7.042	9158691	5214601	108.992	56.928 #
35)	L7 AR-1260-5	8.364	7.285	8130059	8834717	56.651	48.947
36)	L8 AR-1262-1	7.813	6.834	5245328	3071045	51.965	53.801
37)	L8 AR-1262-2	8.364	7.042	8130059	5214601	55.586	44.881
38)	L8 AR-1262-3	8.695	7.569	6723152	2731920	62.672	30.146 #
39)	L8 AR-1262-4	8.773	7.632	4531356	8169288	54.215	51.984
40)	L8 AR-1262-5	9.443	8.131	1828384	2323435	38.153	33.979
41)	L9 AR-1268-1	8.695	7.569	6723152	2731920	31.874	9.835 #
42)	L9 AR-1268-2	8.773	7.632	4531356	8169288	25.300	32.756 #
43)	L9 AR-1268-3	9.009	7.842	1968536	2588922	11.144	11.700

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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
44) L9	AR-1268-4	9.443	8.131	1828384	2323435	32.242	29.046
45) L9	AR-1268-5	9.870	8.428	6184168	6632833	13.009	11.197

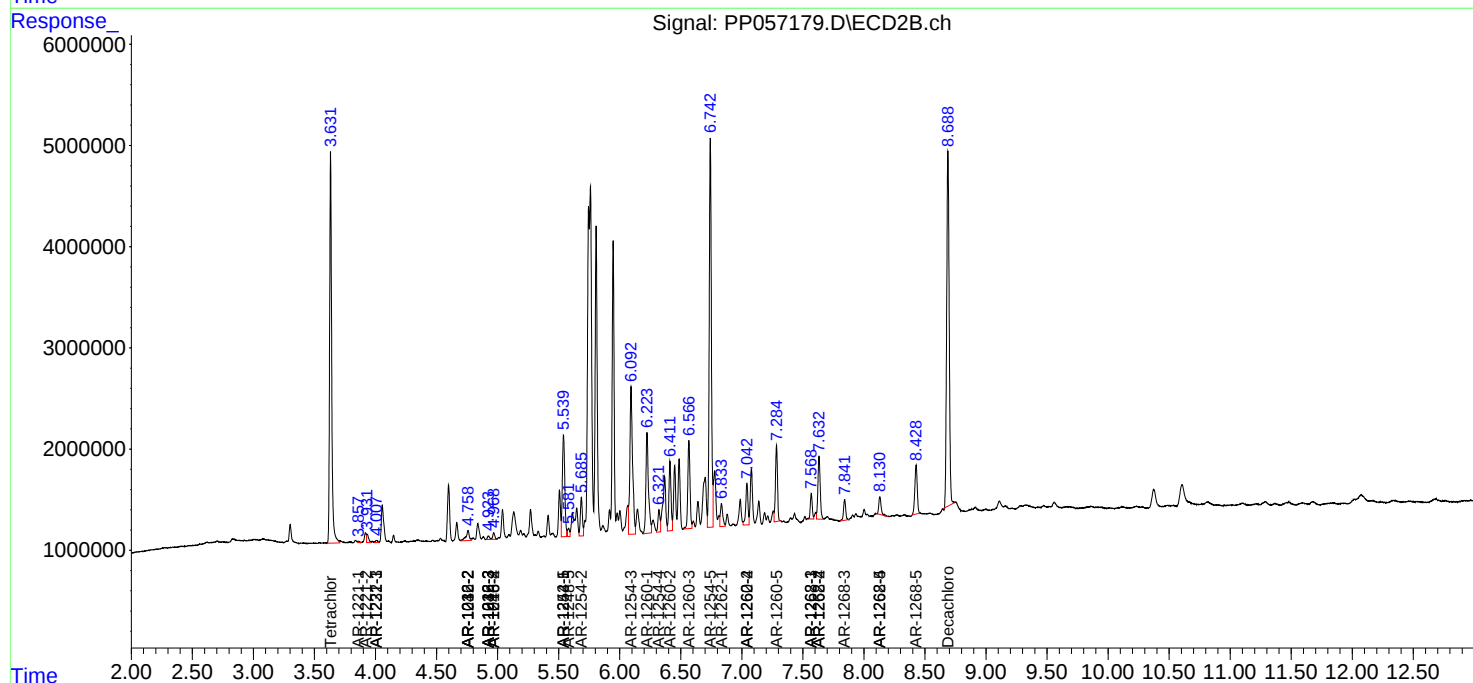
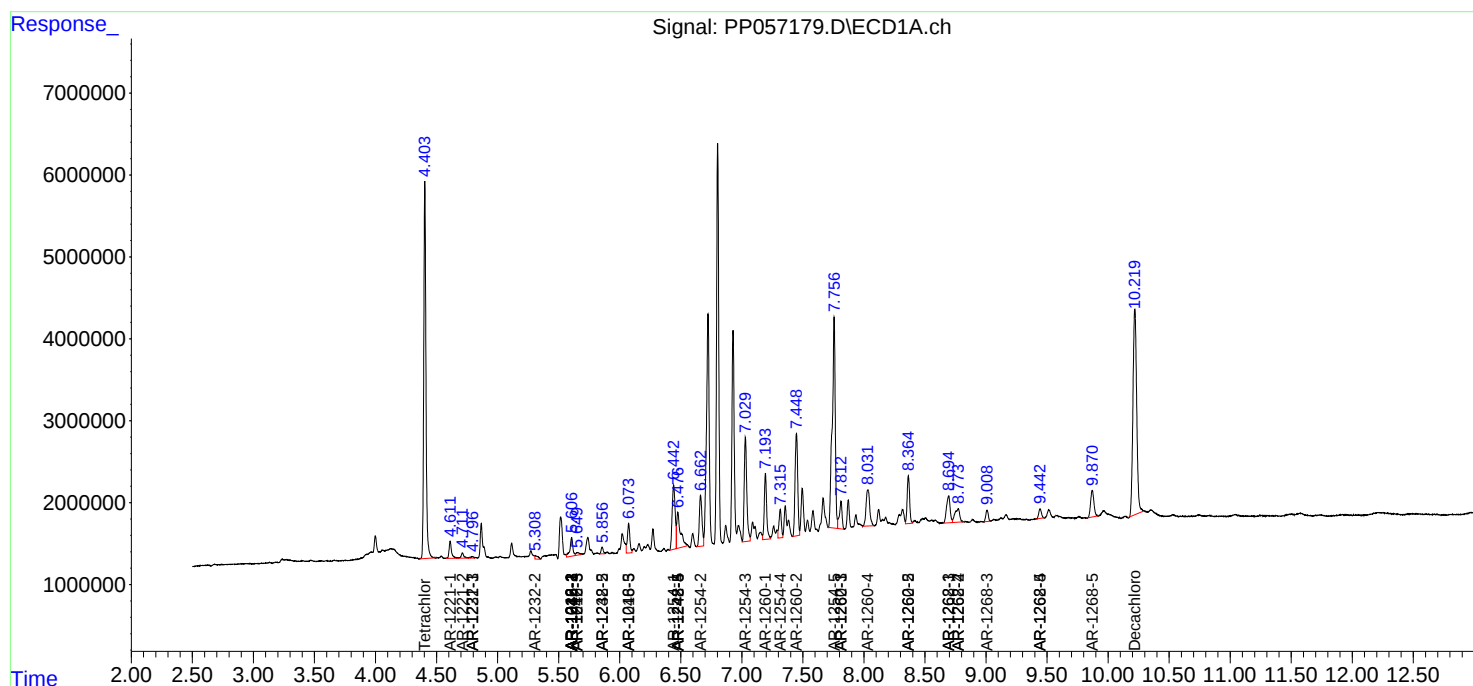
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

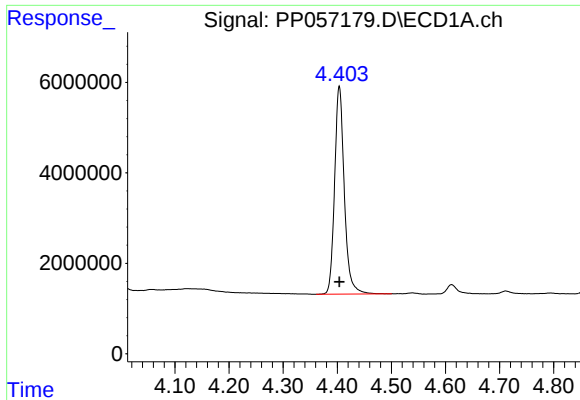
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042423\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

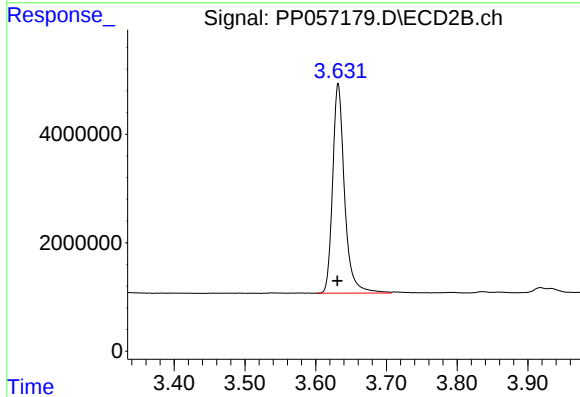




#1 Tetrachloro-m-xylene

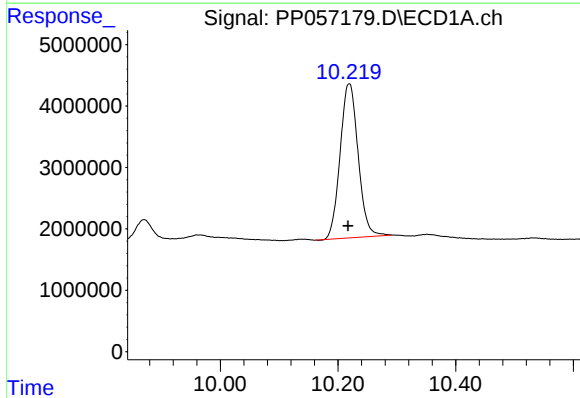
R.T.: 4.404 min
Delta R.T.: 0.000 min
Response: 57299003
Conc: 25.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



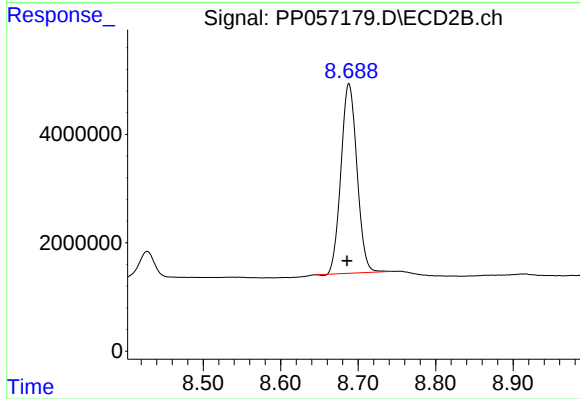
#1 Tetrachloro-m-xylene

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 45226814
Conc: 26.77 ng/ml



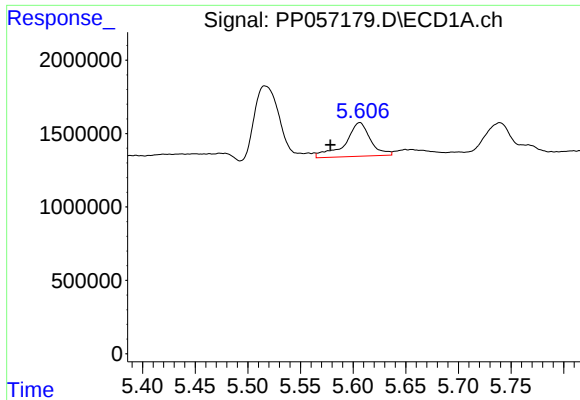
#2 Decachlorobiphenyl

R.T.: 10.219 min
Delta R.T.: 0.002 min
Response: 53526219
Conc: 33.35 ng/ml



#2 Decachlorobiphenyl

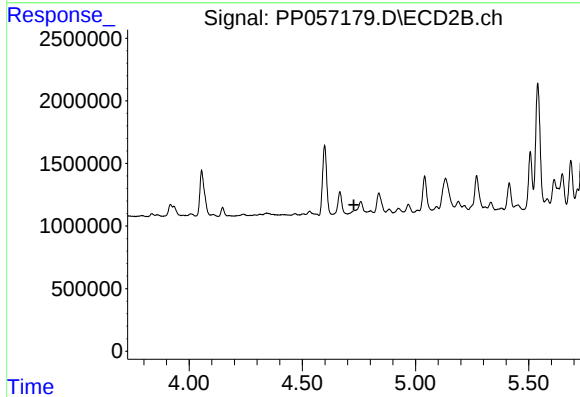
R.T.: 8.688 min
Delta R.T.: 0.003 min
Response: 50234432
Conc: 28.08 ng/ml



#3 AR-1016-1

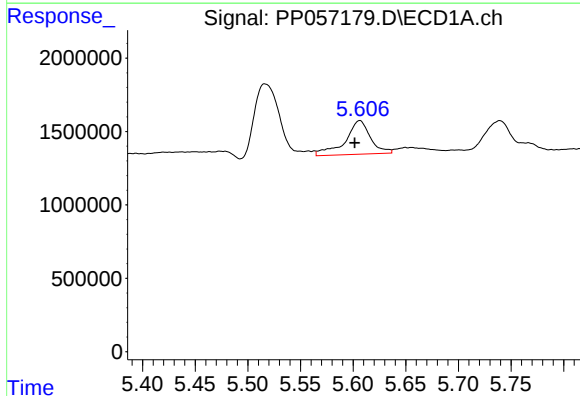
R.T.: 5.606 min
Delta R.T.: 0.028 min
Response: 3830173
Conc: 61.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



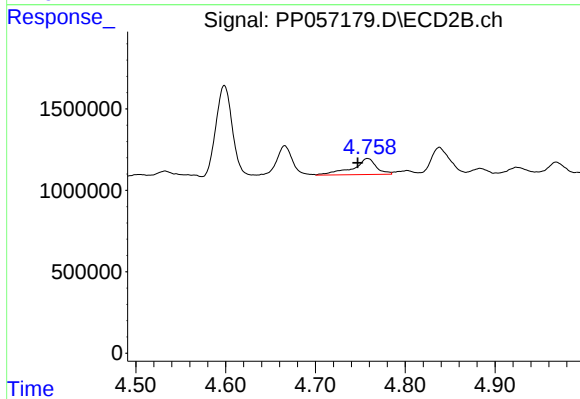
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.728 min
Response: 0
Conc: N.D.



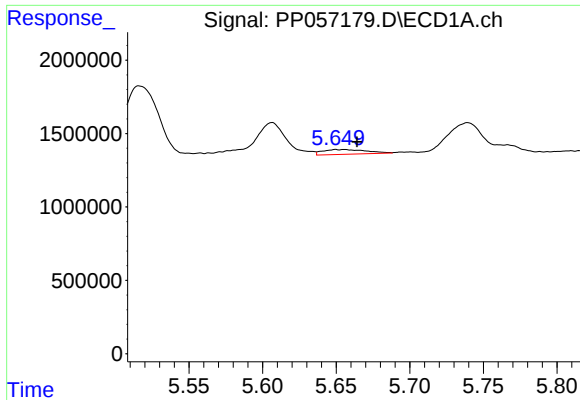
#4 AR-1016-2

R.T.: 5.606 min
Delta R.T.: 0.005 min
Response: 3830173
Conc: 41.97 ng/ml



#4 AR-1016-2

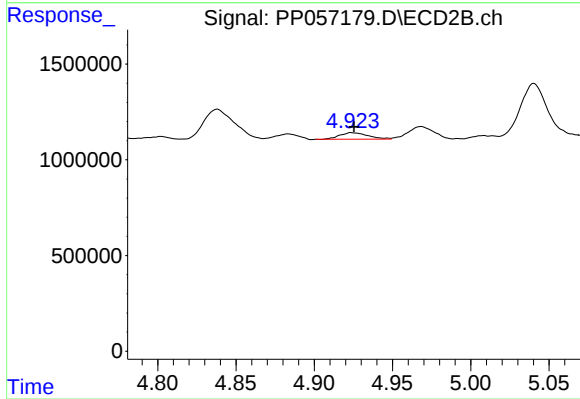
R.T.: 4.758 min
Delta R.T.: 0.011 min
Response: 1801892
Conc: 22.49 ng/ml



#5 AR-1016-3

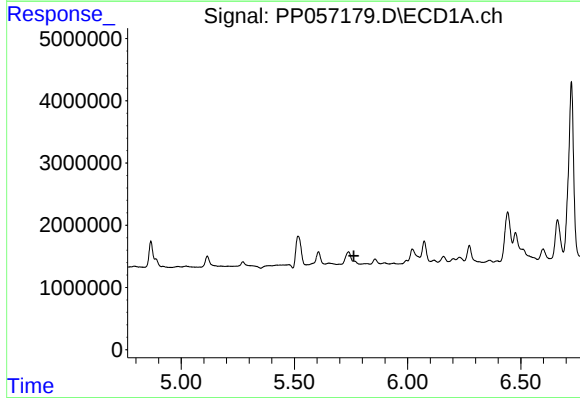
R.T.: 5.650 min
Delta R.T.: -0.014 min
Response: 660540
Conc: 11.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



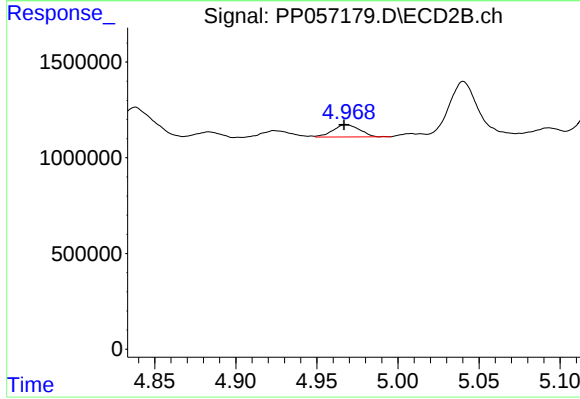
#5 AR-1016-3

R.T.: 4.924 min
Delta R.T.: -0.001 min
Response: 428820
Conc: 9.87 ng/ml



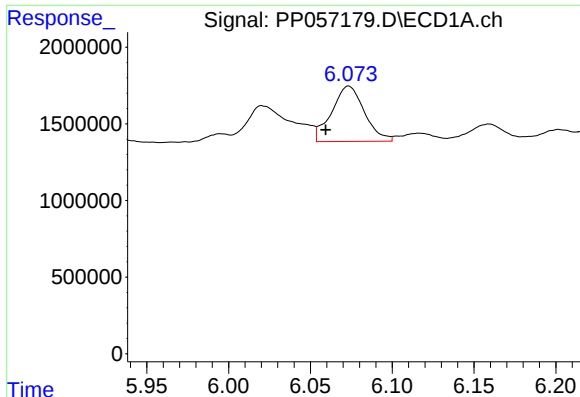
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.763 min
Response: 0
Conc: N.D.



#6 AR-1016-4

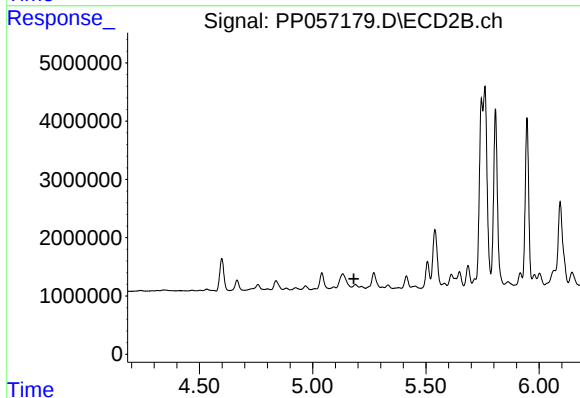
R.T.: 4.968 min
Delta R.T.: 0.001 min
Response: 731328
Conc: 18.85 ng/ml



#7 AR-1016-5

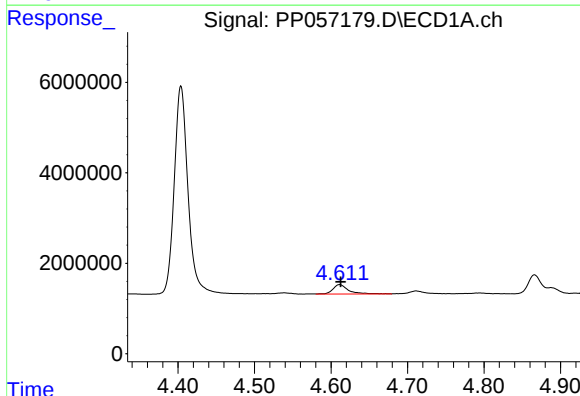
R.T.: 6.073 min
Delta R.T.: 0.014 min
Response: 5043145
Conc: 104.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



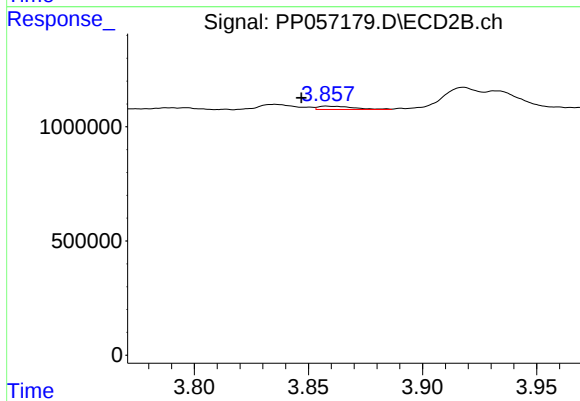
#7 AR-1016-5

R.T.: 5.189 min
Delta R.T.: 0.007 min
Response: -27778
Conc: N.D.



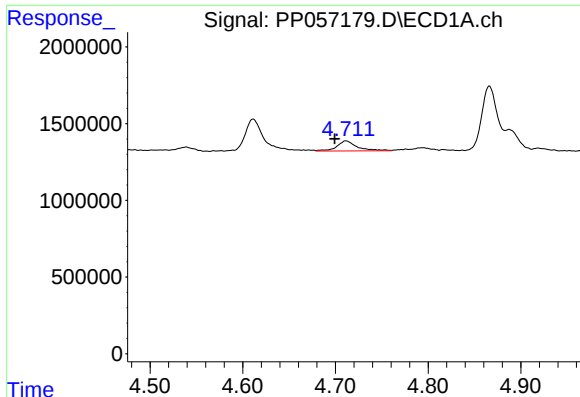
#8 AR-1221-1

R.T.: 4.611 min
Delta R.T.: -0.002 min
Response: 2972899
Conc: 111.37 ng/ml



#8 AR-1221-1

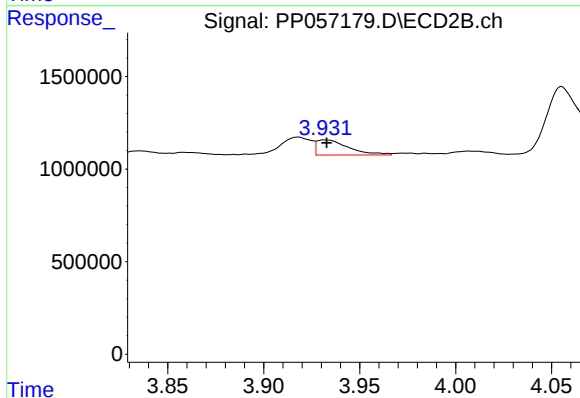
R.T.: 3.858 min
Delta R.T.: 0.011 min
Response: 158287
Conc: 7.42 ng/ml



#9 AR-1221-2

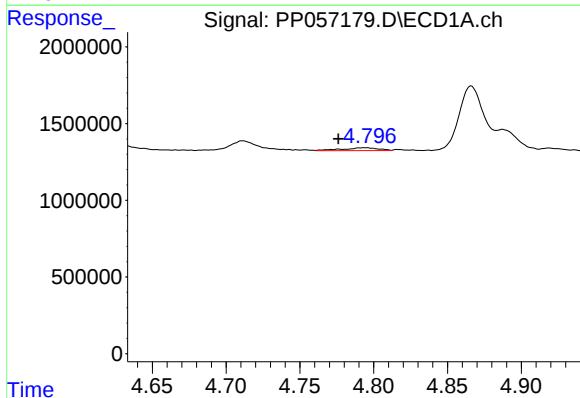
R.T.: 4.711 min
Delta R.T.: 0.012 min
Response: 1005501
Conc: 51.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



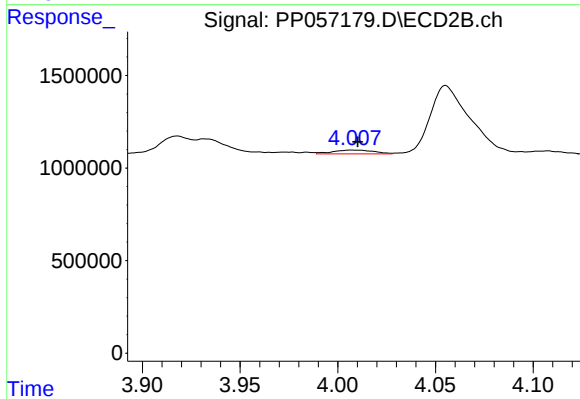
#9 AR-1221-2

R.T.: 3.932 min
Delta R.T.: 0.000 min
Response: 941533
Conc: 58.55 ng/ml



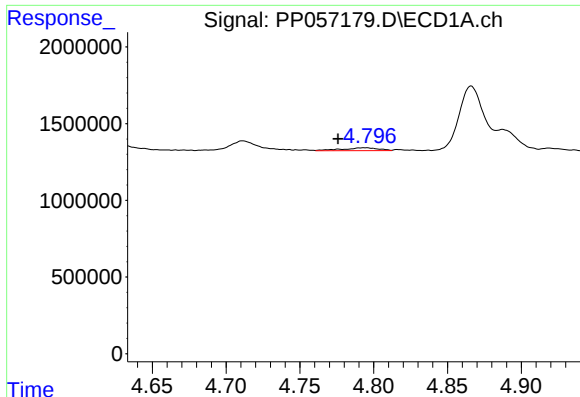
#10 AR-1221-3

R.T.: 4.794 min
Delta R.T.: 0.018 min
Response: 324836
Conc: 5.54 ng/ml



#10 AR-1221-3

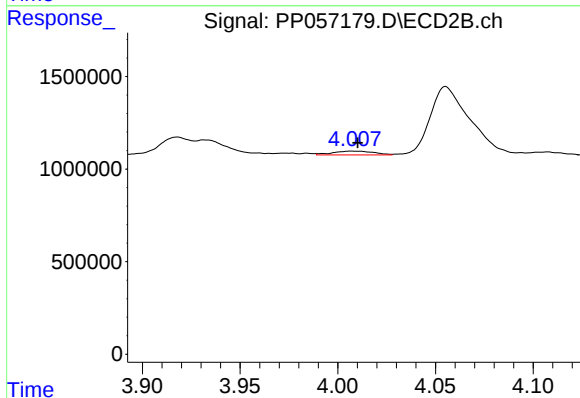
R.T.: 4.007 min
Delta R.T.: -0.003 min
Response: 305833
Conc: 6.22 ng/ml



#11 AR-1232-1

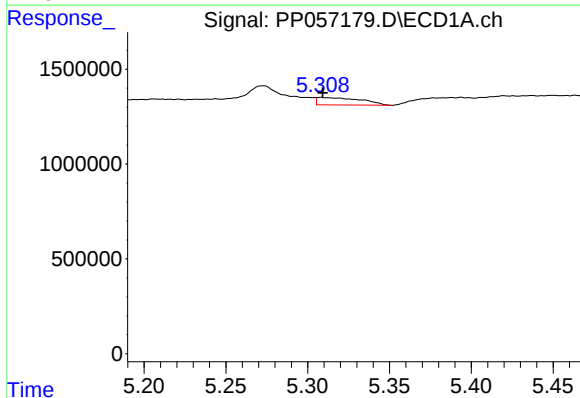
R.T.: 4.794 min
Delta R.T.: 0.018 min
Response: 324836
Conc: 6.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



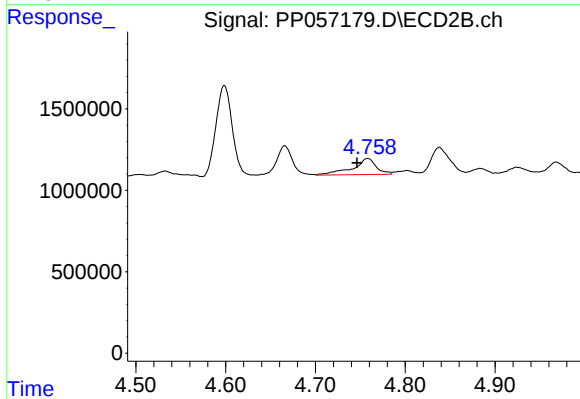
#11 AR-1232-1

R.T.: 4.007 min
Delta R.T.: -0.003 min
Response: 305833
Conc: 7.61 ng/ml



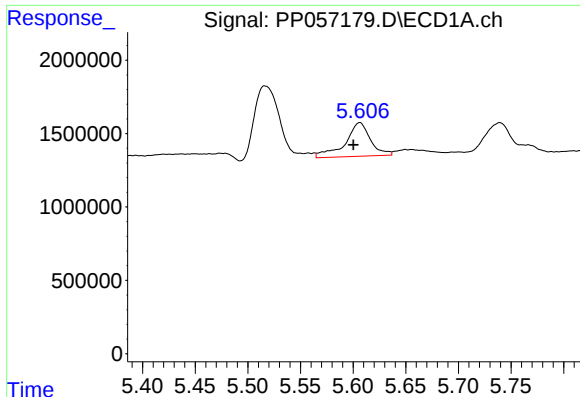
#12 AR-1232-2

R.T.: 5.308 min
Delta R.T.: -0.001 min
Response: 732723
Conc: 29.50 ng/ml



#12 AR-1232-2

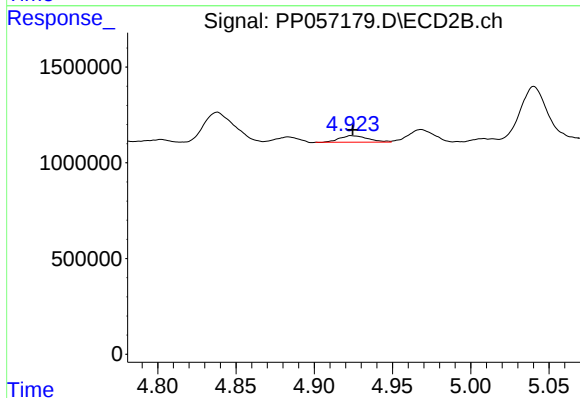
R.T.: 4.758 min
Delta R.T.: 0.012 min
Response: 1801892
Conc: 49.81 ng/ml



#13 AR-1232-3

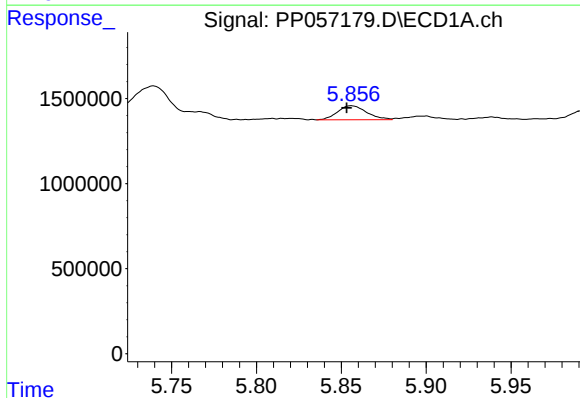
R.T.: 5.606 min
Delta R.T.: 0.006 min
Response: 3830173
Conc: 92.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



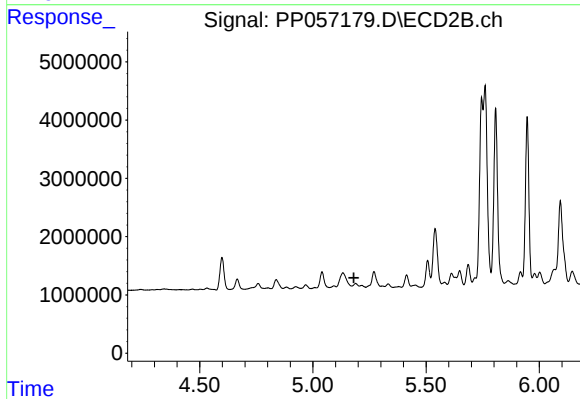
#13 AR-1232-3

R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 428820
Conc: 22.31 ng/ml



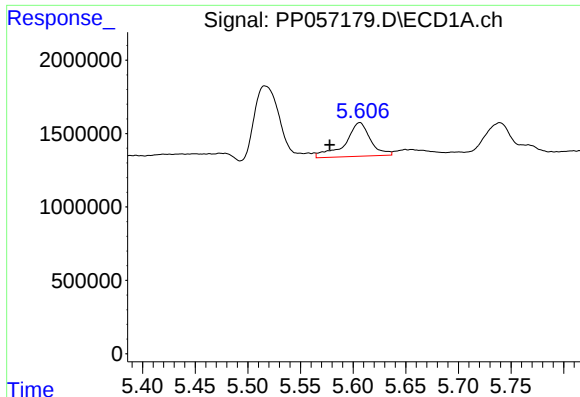
#15 AR-1232-5

R.T.: 5.856 min
Delta R.T.: 0.003 min
Response: 976959
Conc: 51.68 ng/ml



#15 AR-1232-5

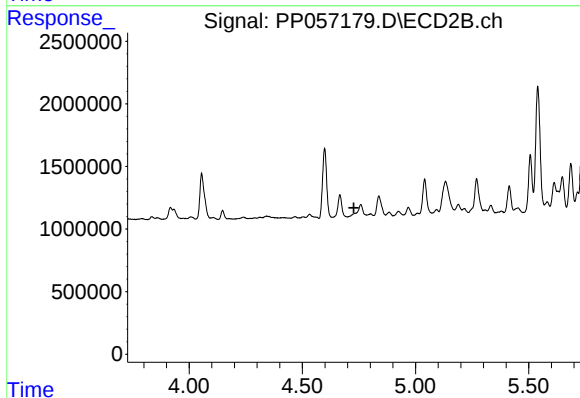
R.T.: 5.189 min
Delta R.T.: 0.008 min
Response: -27778
Conc: N.D.



#16 AR-1242-1

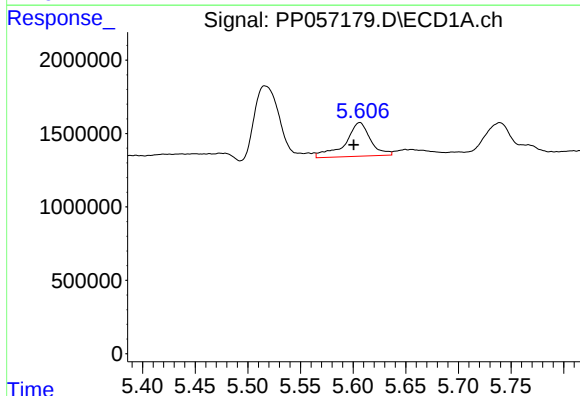
R.T.: 5.606 min
Delta R.T.: 0.029 min
Response: 3830173
Conc: 74.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



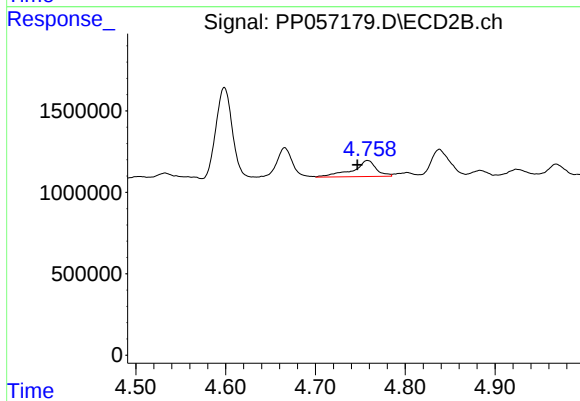
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.728 min
Response: 0
Conc: N.D.



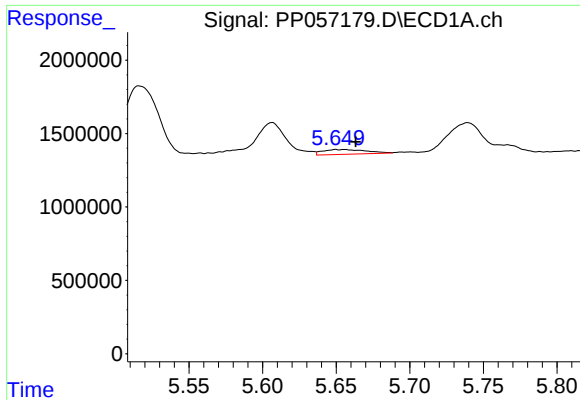
#17 AR-1242-2

R.T.: 5.606 min
Delta R.T.: 0.006 min
Response: 3830173
Conc: 51.14 ng/ml



#17 AR-1242-2

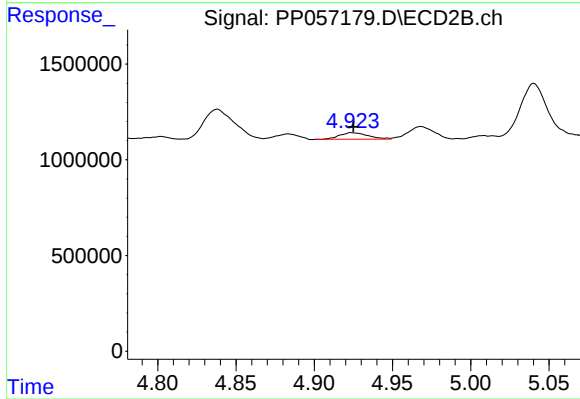
R.T.: 4.758 min
Delta R.T.: 0.012 min
Response: 1801892
Conc: 27.74 ng/ml



#18 AR-1242-3

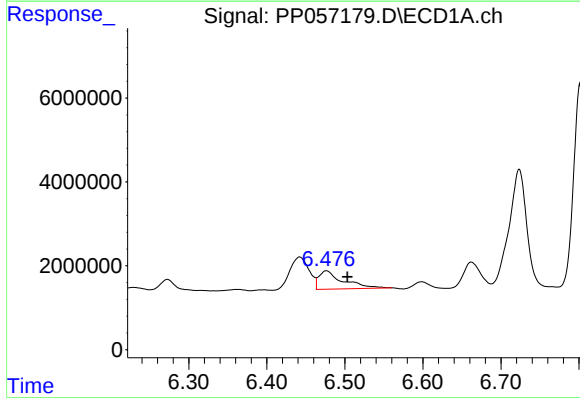
R.T.: 5.650 min
Delta R.T.: -0.013 min
Response: 660540
Conc: 14.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



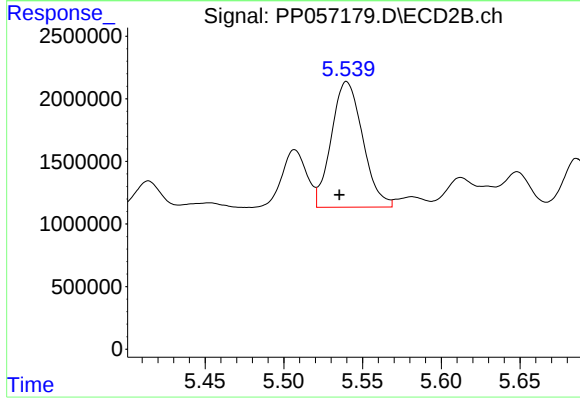
#18 AR-1242-3

R.T.: 4.924 min
Delta R.T.: -0.001 min
Response: 428820
Conc: 12.07 ng/ml



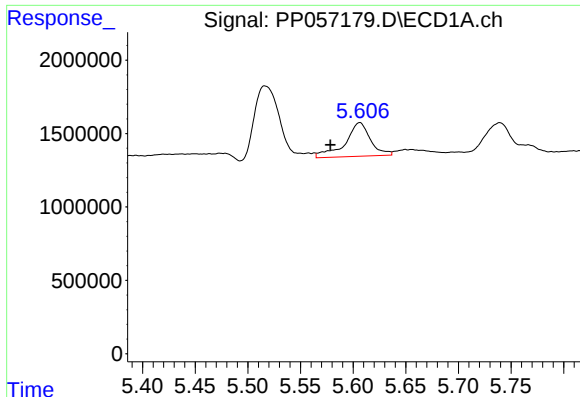
#20 AR-1242-5

R.T.: 6.476 min
Delta R.T.: -0.027 min
Response: 9380231
Conc: 278.48 ng/ml



#20 AR-1242-5

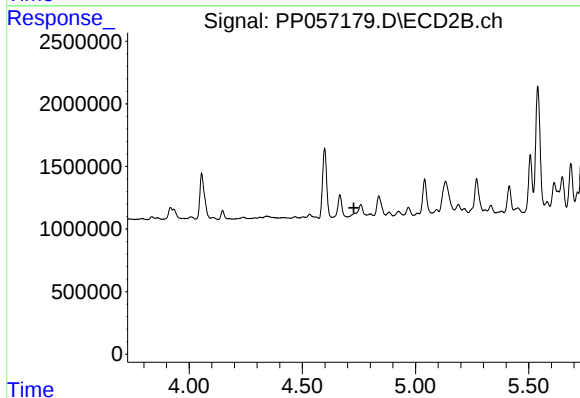
R.T.: 5.540 min
Delta R.T.: 0.005 min
Response: 13941995
Conc: 311.65 ng/ml



#21 AR-1248-1

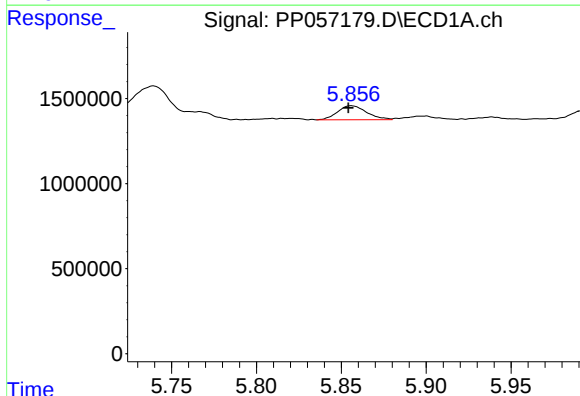
R.T.: 5.606 min
Delta R.T.: 0.028 min
Response: 3830173
Conc: 99.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



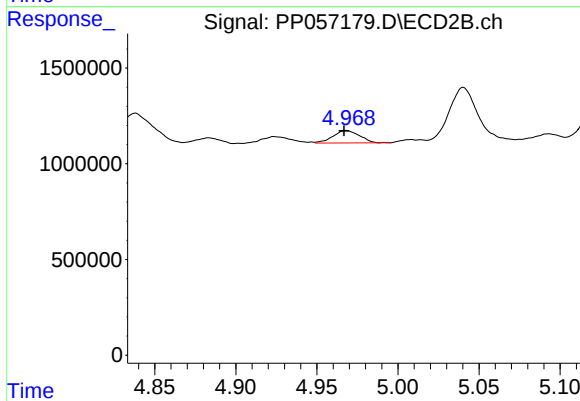
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.728 min
Response: 0
Conc: N.D.



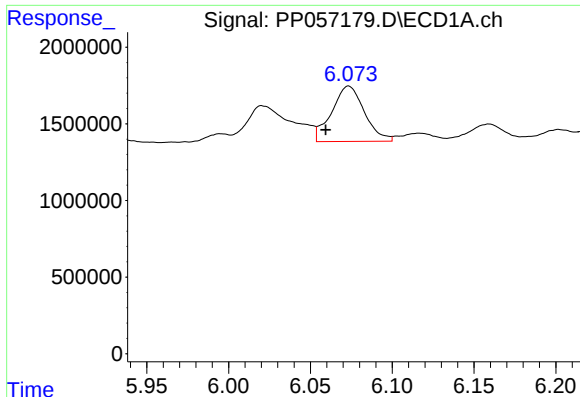
#22 AR-1248-2

R.T.: 5.856 min
Delta R.T.: 0.002 min
Response: 976959
Conc: 15.50 ng/ml



#22 AR-1248-2

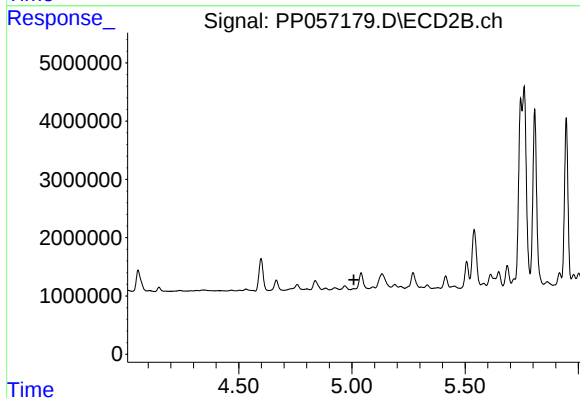
R.T.: 4.968 min
Delta R.T.: 0.001 min
Response: 731328
Conc: 13.17 ng/ml



#23 AR-1248-3

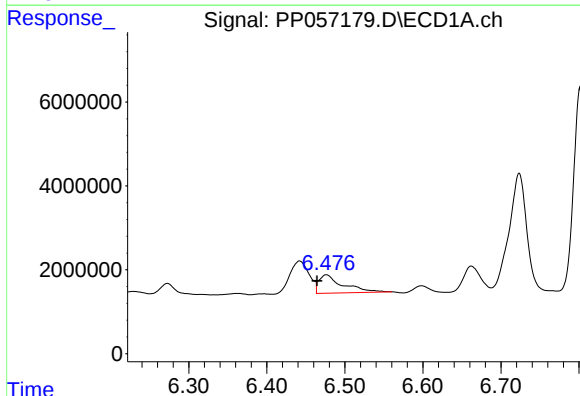
R.T.: 6.073 min
Delta R.T.: 0.014 min
Response: 5043145
Conc: 75.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



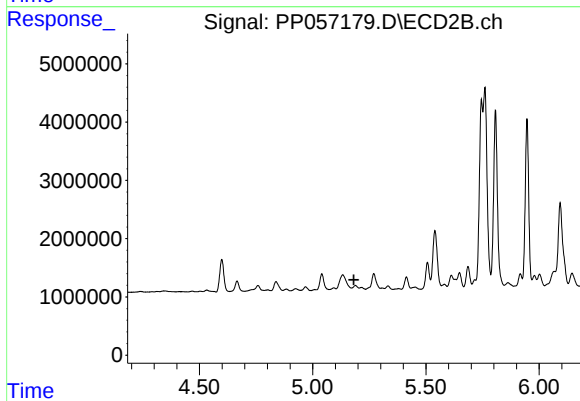
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.009 min
Response: 0
Conc: N.D.



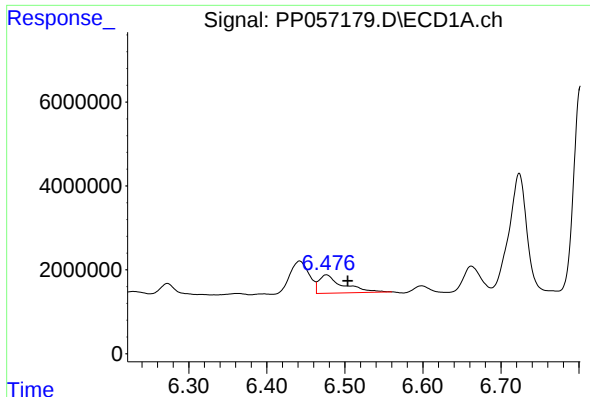
#24 AR-1248-4

R.T.: 6.476 min
Delta R.T.: 0.012 min
Response: 9380231
Conc: 158.47 ng/ml



#24 AR-1248-4

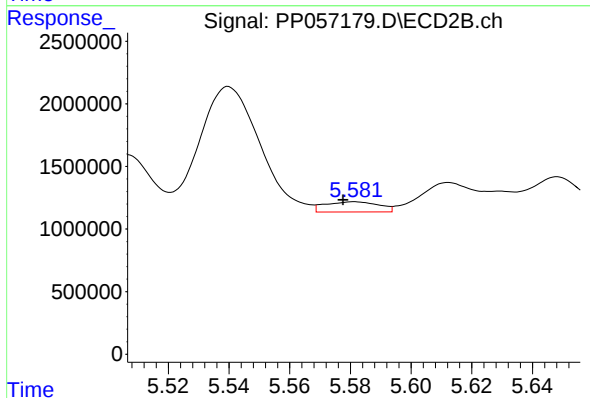
R.T.: 5.189 min
Delta R.T.: 0.007 min
Response: -27778
Conc: N.D.



#25 AR-1248-5

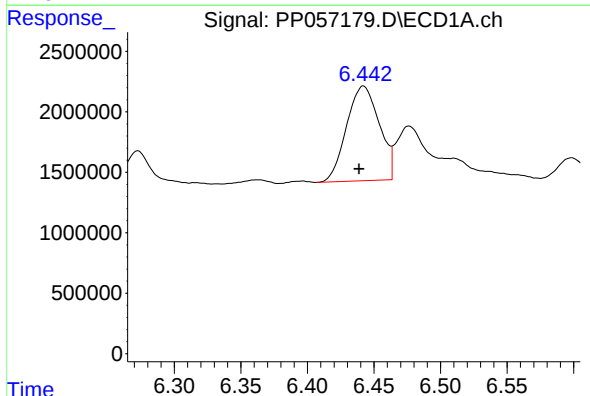
R.T.: 6.476 min
Delta R.T.: -0.027 min
Response: 9380231
Conc: 161.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



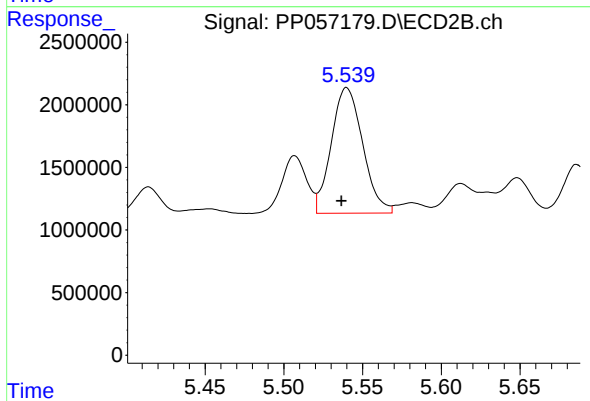
#25 AR-1248-5

R.T.: 5.581 min
Delta R.T.: 0.004 min
Response: 998493
Conc: 17.18 ng/ml



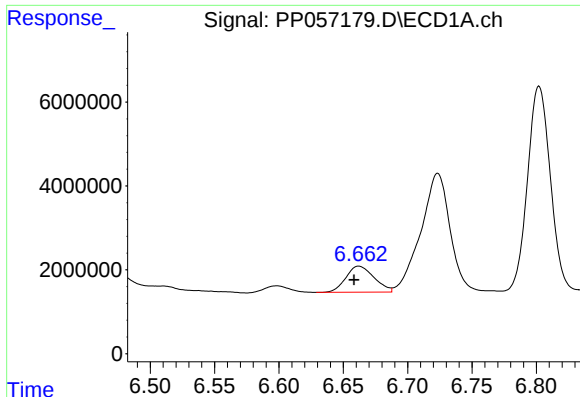
#26 AR-1254-1

R.T.: 6.442 min
Delta R.T.: 0.003 min
Response: 13387529
Conc: 177.27 ng/ml



#26 AR-1254-1

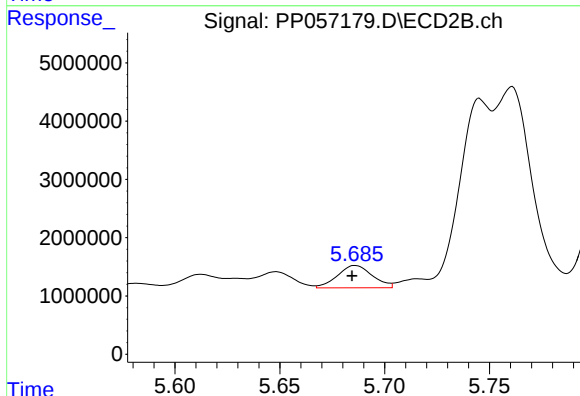
R.T.: 5.540 min
Delta R.T.: 0.003 min
Response: 13941995
Conc: 138.35 ng/ml



#27 AR-1254-2

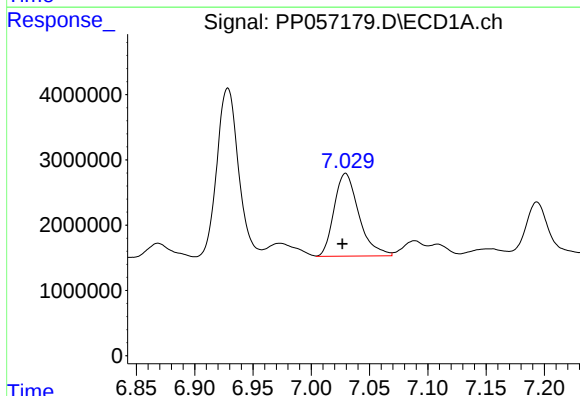
R.T.: 6.662 min
Delta R.T.: 0.004 min
Response: 9482776
Conc: 87.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



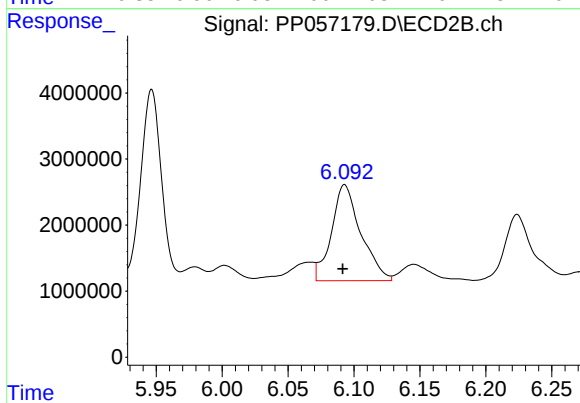
#27 AR-1254-2

R.T.: 5.686 min
Delta R.T.: 0.002 min
Response: 4426802
Conc: 49.54 ng/ml



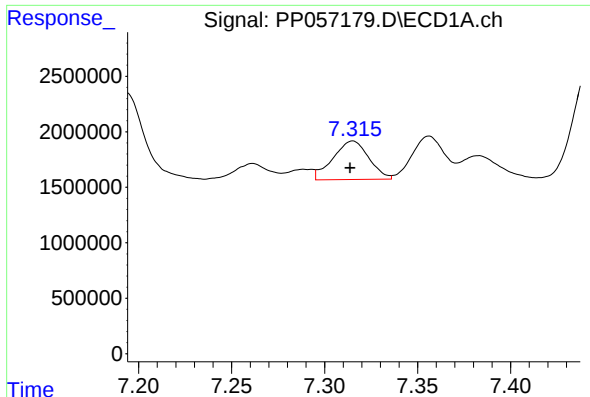
#28 AR-1254-3

R.T.: 7.029 min
Delta R.T.: 0.003 min
Response: 18766124
Conc: 181.29 ng/ml



#28 AR-1254-3

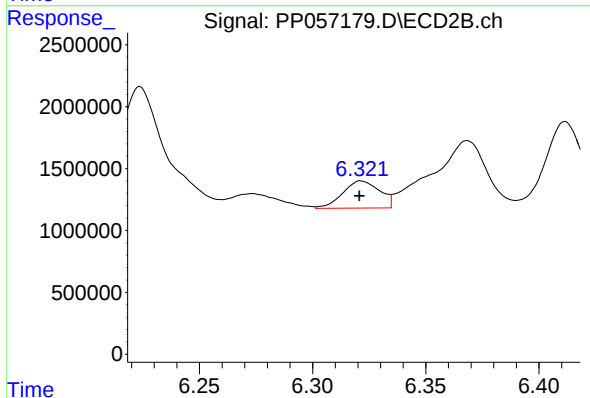
R.T.: 6.093 min
Delta R.T.: 0.001 min
Response: 22484174
Conc: 160.48 ng/ml



#29 AR-1254-4

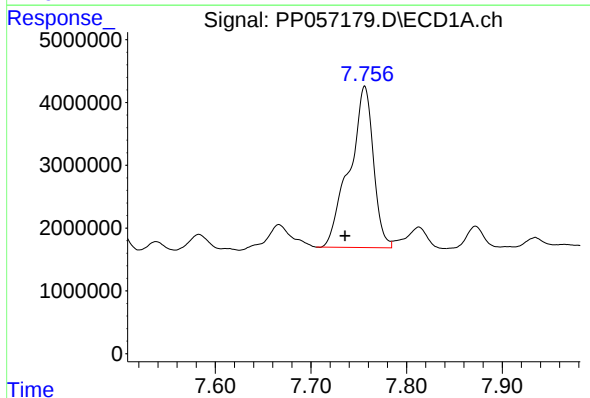
R.T.: 7.315 min
Delta R.T.: 0.001 min
Response: 4661101
Conc: 75.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



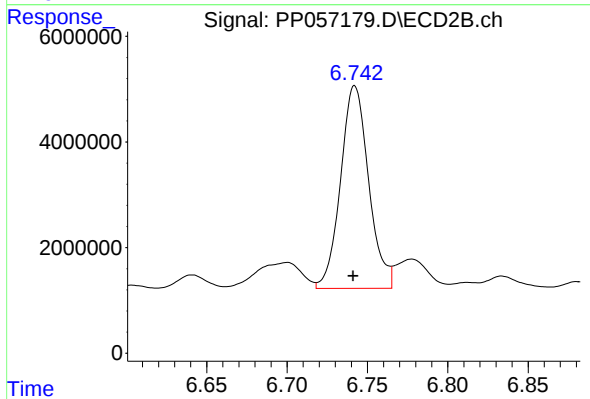
#29 AR-1254-4

R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 2496112
Conc: 33.13 ng/ml



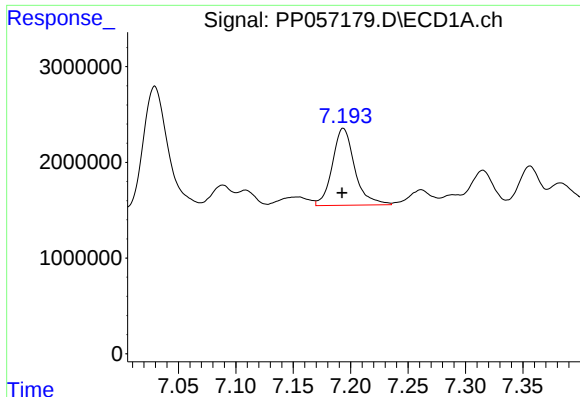
#30 AR-1254-5

R.T.: 7.756 min
Delta R.T.: 0.021 min
Response: 44603854
Conc: 619.23 ng/ml



#30 AR-1254-5

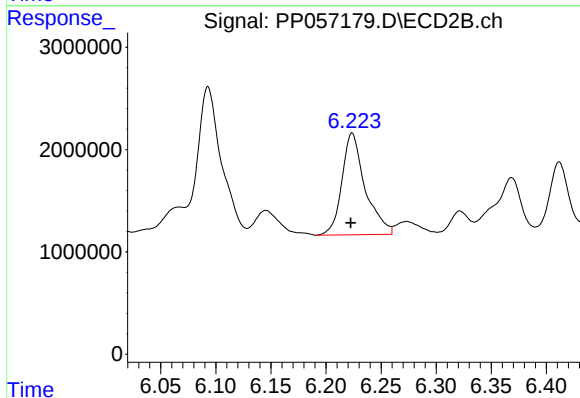
R.T.: 6.742 min
Delta R.T.: 0.001 min
Response: 46751653
Conc: 379.79 ng/ml



#31 AR-1260-1

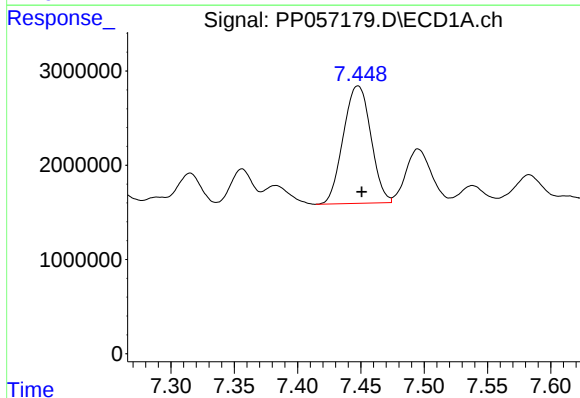
R.T.: 7.194 min
Delta R.T.: 0.000 min
Response: 10887490
Conc: 125.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



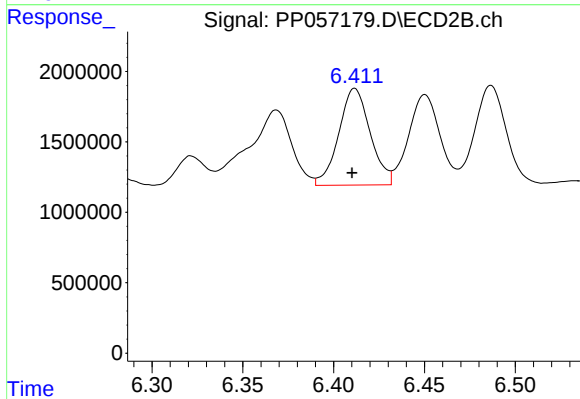
#31 AR-1260-1

R.T.: 6.224 min
Delta R.T.: 0.001 min
Response: 14562729
Conc: 143.71 ng/ml



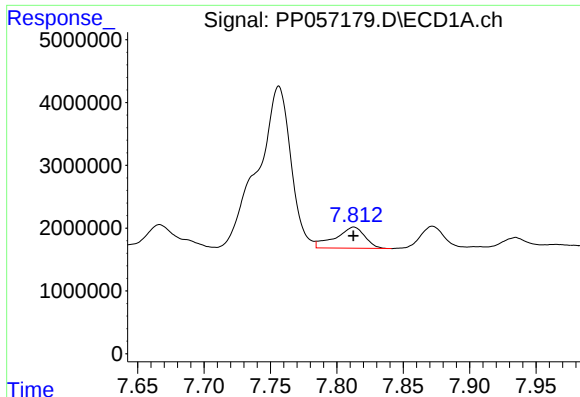
#32 AR-1260-2

R.T.: 7.448 min
Delta R.T.: -0.003 min
Response: 18900689
Conc: 205.82 ng/ml



#32 AR-1260-2

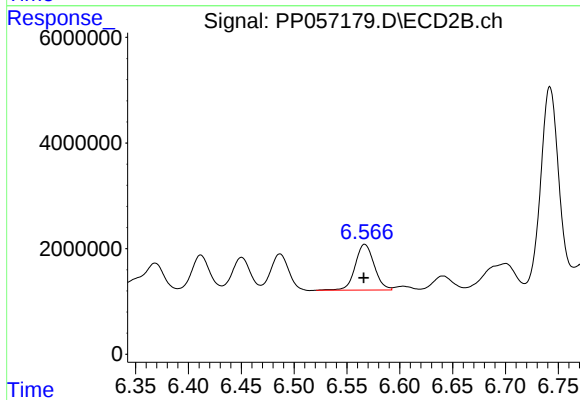
R.T.: 6.412 min
Delta R.T.: 0.001 min
Response: 8283488
Conc: 71.27 ng/ml



#33 AR-1260-3

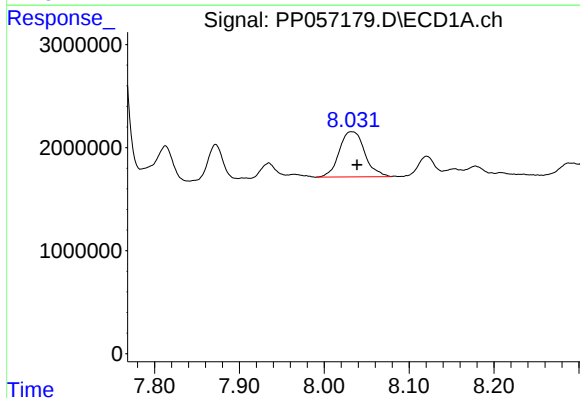
R.T.: 7.813 min
Delta R.T.: 0.000 min
Response: 5245328
Conc: 72.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



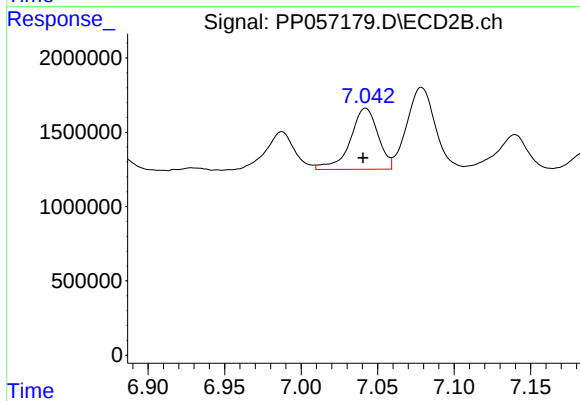
#33 AR-1260-3

R.T.: 6.567 min
Delta R.T.: 0.000 min
Response: 10869629
Conc: 98.25 ng/ml



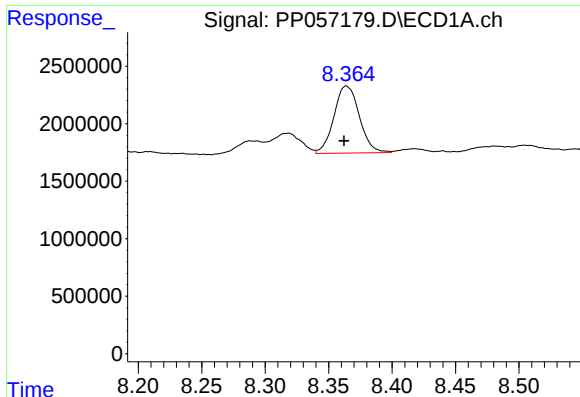
#34 AR-1260-4

R.T.: 8.032 min
Delta R.T.: -0.007 min
Response: 9158691
Conc: 108.99 ng/ml



#34 AR-1260-4

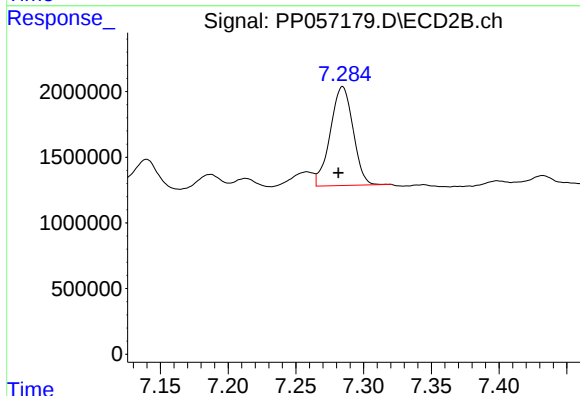
R.T.: 7.042 min
Delta R.T.: 0.002 min
Response: 5214601
Conc: 56.93 ng/ml



#35 AR-1260-5

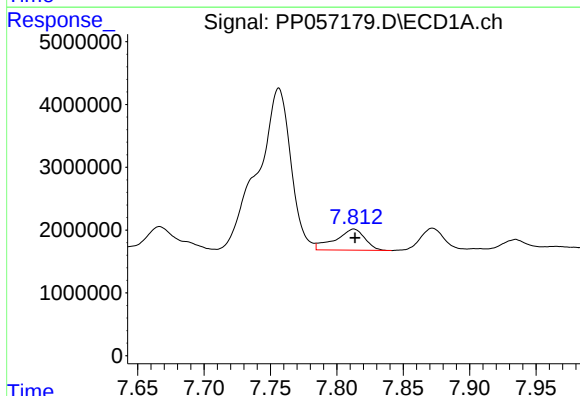
R.T.: 8.364 min
Delta R.T.: 0.002 min
Response: 8130059
Conc: 56.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



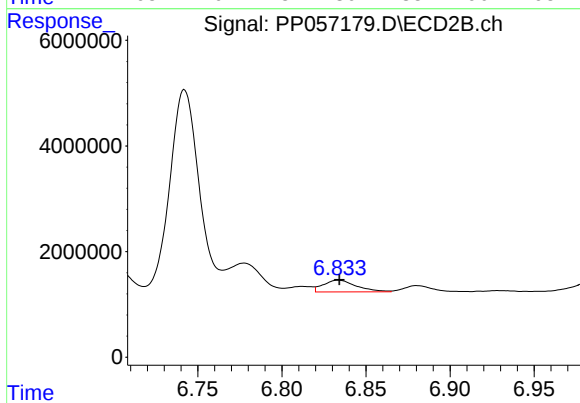
#35 AR-1260-5

R.T.: 7.285 min
Delta R.T.: 0.003 min
Response: 8834717
Conc: 48.95 ng/ml



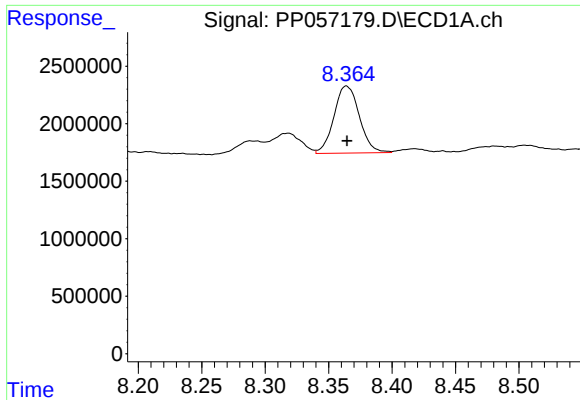
#36 AR-1262-1

R.T.: 7.813 min
Delta R.T.: 0.000 min
Response: 5245328
Conc: 51.97 ng/ml



#36 AR-1262-1

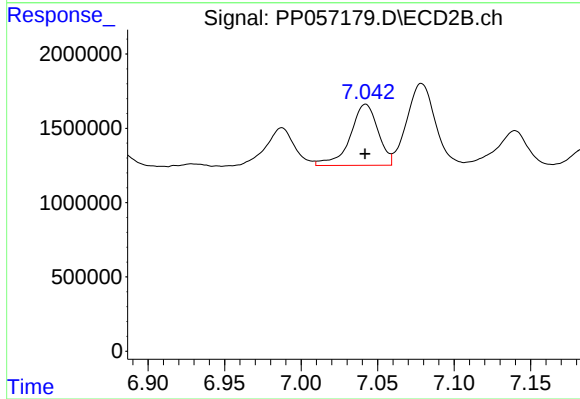
R.T.: 6.834 min
Delta R.T.: 0.000 min
Response: 3071045
Conc: 53.80 ng/ml



#37 AR-1262-2

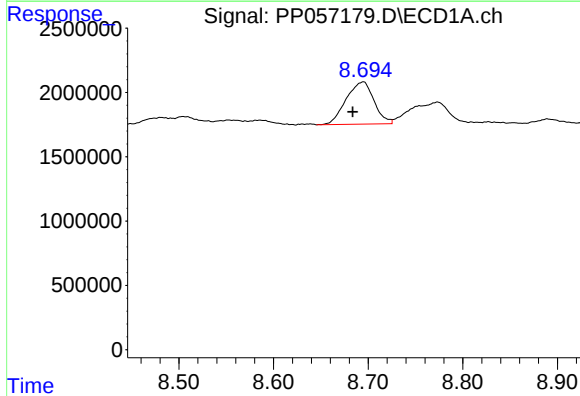
R.T.: 8.364 min
Delta R.T.: 0.000 min
Response: 8130059
Conc: 55.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



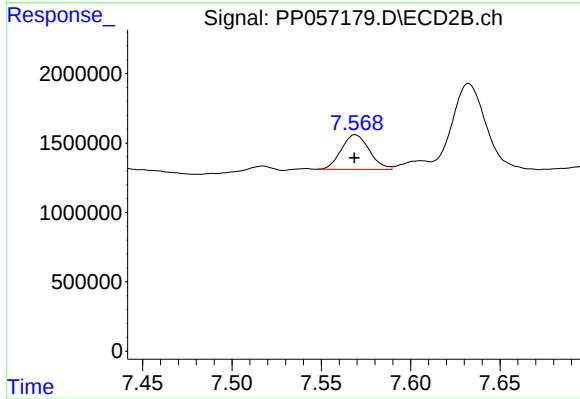
#37 AR-1262-2

R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 5214601
Conc: 44.88 ng/ml



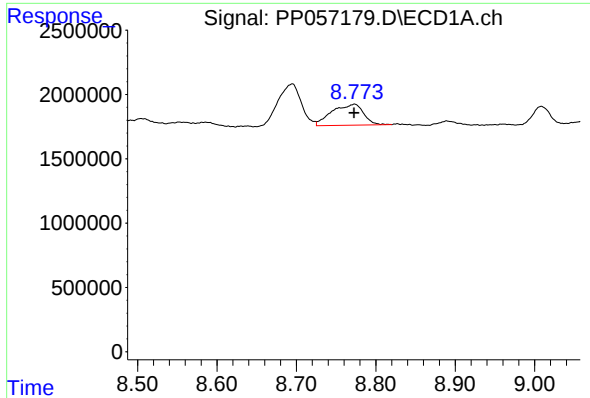
#38 AR-1262-3

R.T.: 8.695 min
Delta R.T.: 0.011 min
Response: 6723152
Conc: 62.67 ng/ml



#38 AR-1262-3

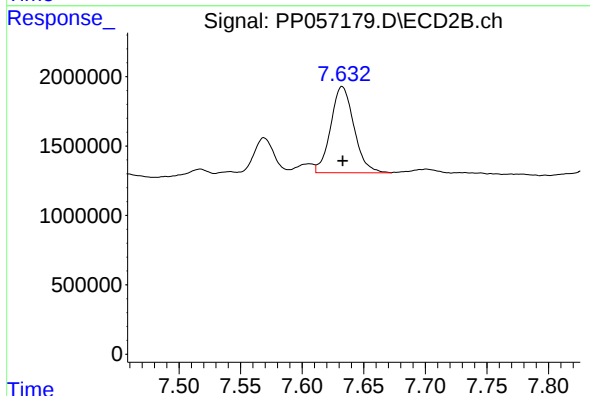
R.T.: 7.569 min
Delta R.T.: 0.000 min
Response: 2731920
Conc: 30.15 ng/ml



#39 AR-1262-4

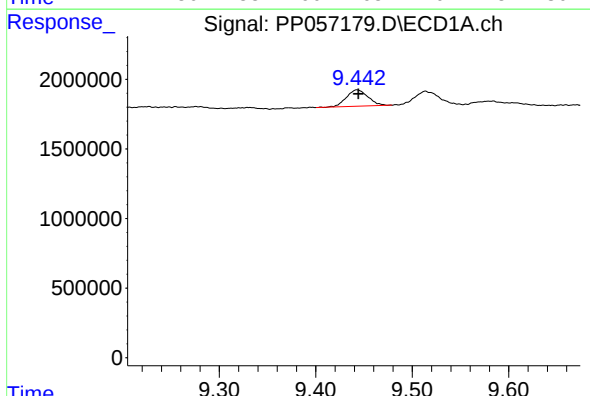
R.T.: 8.773 min
Delta R.T.: 0.000 min
Response: 4531356
Conc: 54.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



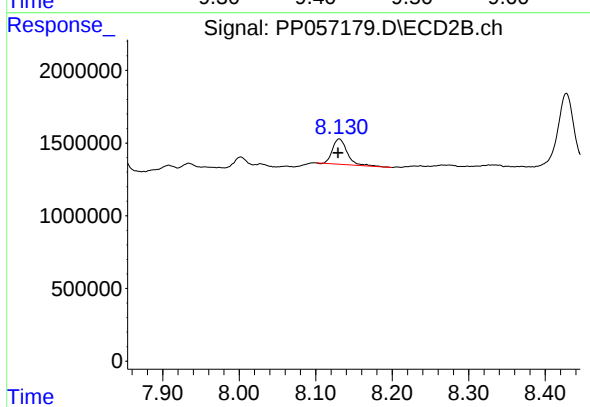
#39 AR-1262-4

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 8169288
Conc: 51.98 ng/ml



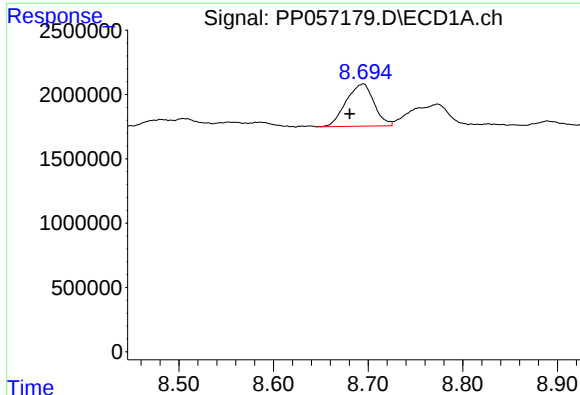
#40 AR-1262-5

R.T.: 9.443 min
Delta R.T.: -0.001 min
Response: 1828384
Conc: 38.15 ng/ml



#40 AR-1262-5

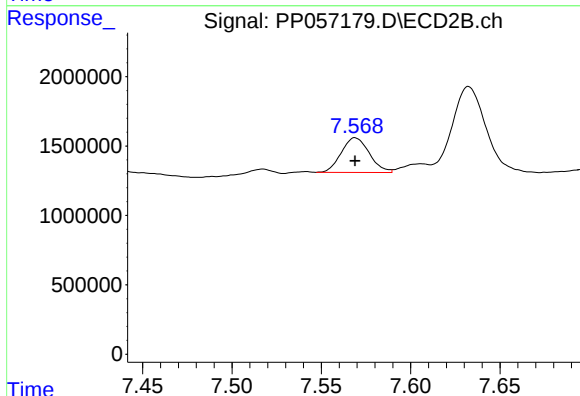
R.T.: 8.131 min
Delta R.T.: 0.001 min
Response: 2323435
Conc: 33.98 ng/ml



#41 AR-1268-1

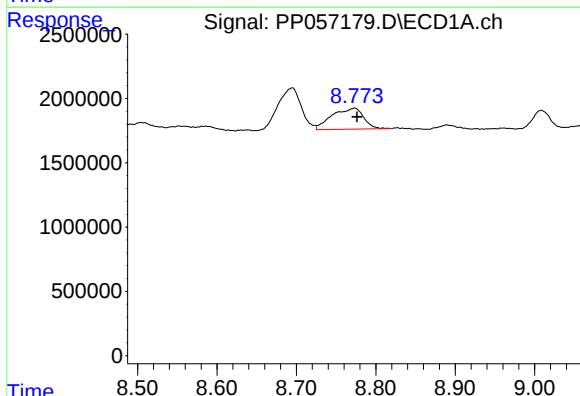
R.T.: 8.695 min
Delta R.T.: 0.014 min
Response: 6723152
Conc: 31.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



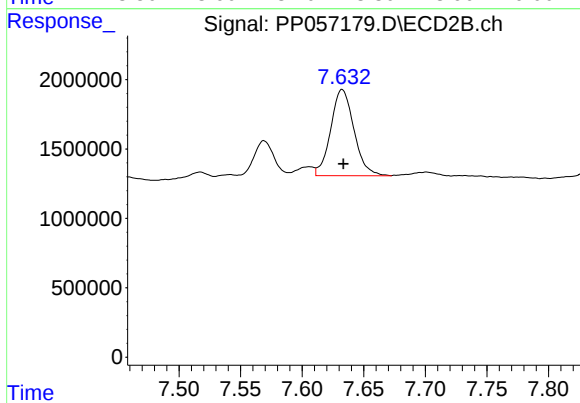
#41 AR-1268-1

R.T.: 7.569 min
Delta R.T.: 0.000 min
Response: 2731920
Conc: 9.84 ng/ml



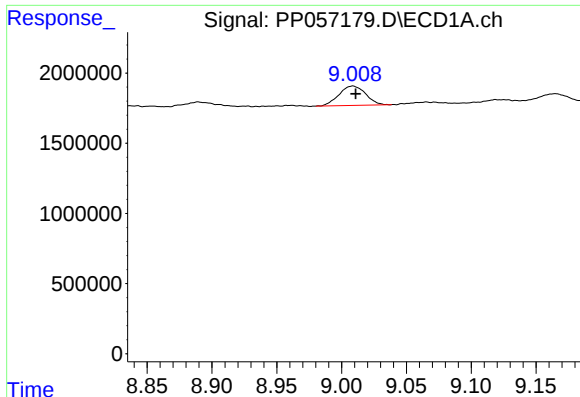
#42 AR-1268-2

R.T.: 8.773 min
Delta R.T.: -0.003 min
Response: 4531356
Conc: 25.30 ng/ml



#42 AR-1268-2

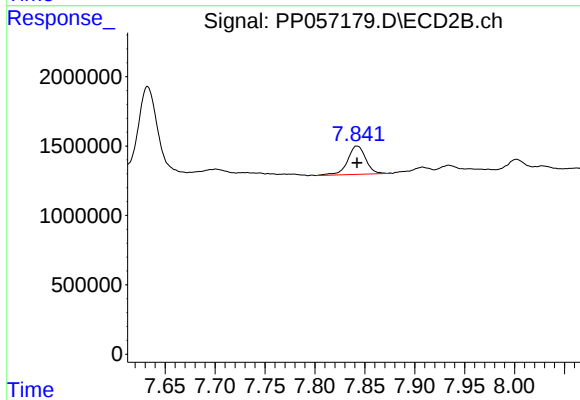
R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 8169288
Conc: 32.76 ng/ml



#43 AR-1268-3

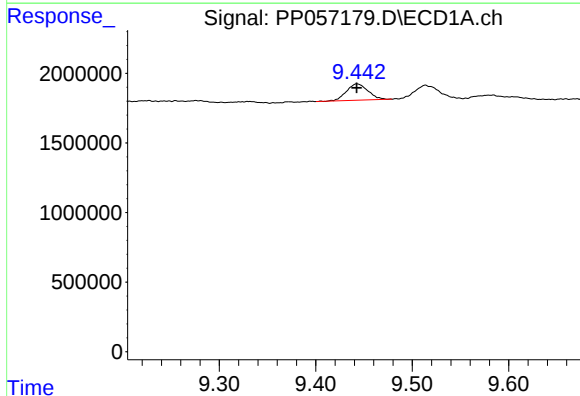
R.T.: 9.009 min
Delta R.T.: -0.002 min
Response: 1968536
Conc: 11.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



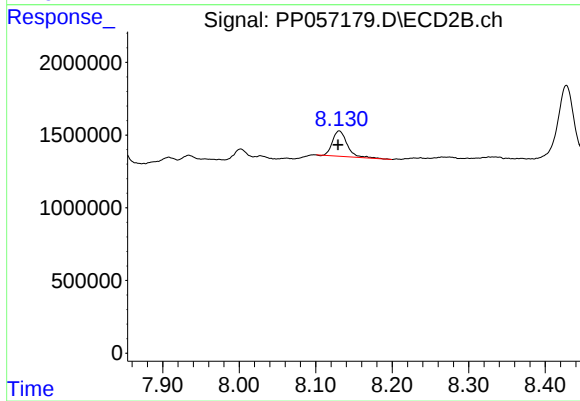
#43 AR-1268-3

R.T.: 7.842 min
Delta R.T.: 0.000 min
Response: 2588922
Conc: 11.70 ng/ml



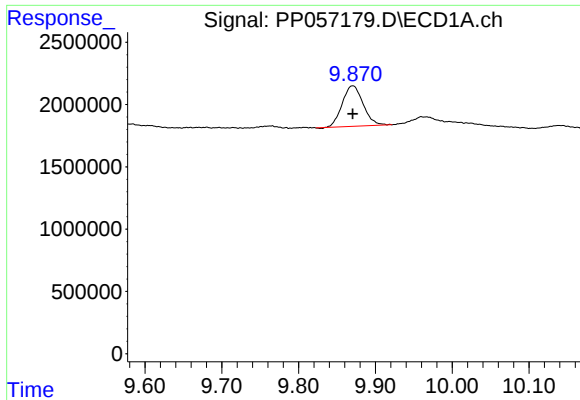
#44 AR-1268-4

R.T.: 9.443 min
Delta R.T.: 0.000 min
Response: 1828384
Conc: 32.24 ng/ml



#44 AR-1268-4

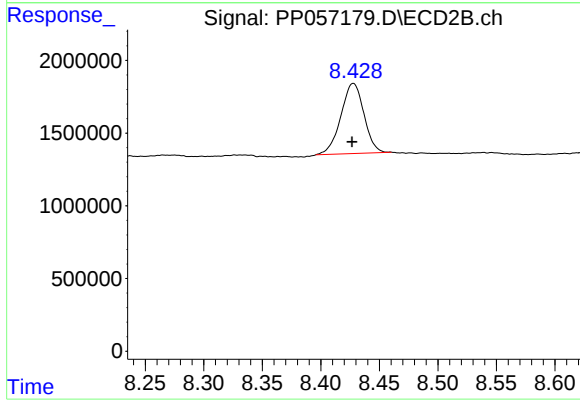
R.T.: 8.131 min
Delta R.T.: 0.002 min
Response: 2323435
Conc: 29.05 ng/ml



#45 AR-1268-5

R.T.: 9.870 min
Delta R.T.: 0.000 min
Response: 6184168
Conc: 13.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.428 min
Delta R.T.: 0.001 min
Response: 6632833
Conc: 11.20 ng/ml