

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP040723\
 Data File : PP056787.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2023 09:50
 Operator : YP\AJ
 Sample : 02213-09
 Misc : AR1660 MDL 25 PPB
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 13:35:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP040623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 07 04:14:17 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...	4.433	3.660	39367331	31468891	18.323	18.094
2)	SA Decachlor...	10.264	8.742	27124298	32610277	20.723	20.741
Target Compounds							
3)	L1 AR-1016-1	5.607	4.761	1659117	1373636	27.022	25.791
4)	L1 AR-1016-2	5.630	4.779	2340837	1759146	26.250	23.723
5)	L1 AR-1016-3	5.692	4.958	1564282	955543	27.592	23.744
6)	L1 AR-1016-4	5.791	5.000	1191264	921890	26.603	25.442
7)	L1 AR-1016-5	6.089	5.217	1483792	1284751	31.646	27.358
8)	L2 AR-1221-1	4.638	3.874	298175	162200	11.304	7.406 #
9)	L2 AR-1221-2	4.740	3.964	719031	591247	37.014	35.986
10)	L2 AR-1221-3	4.805	4.041	948292	839988	16.644	17.131
11)	L3 AR-1232-1	4.805	4.041	948292	839988	19.689	20.418
12)	L3 AR-1232-2	5.338	4.779	1327792	1759146	53.155	51.328
13)	L3 AR-1232-3	5.630	4.958	2340837	955543	58.060	51.930
14)	L3 AR-1232-4	5.791	5.042	1191264	1127603	59.123	58.843
15)	L3 AR-1232-5	5.883	5.217	1083763	1284751	61.659	60.441
16)	L4 AR-1242-1	5.607	4.761	1659117	1373636	32.993	31.937
17)	L4 AR-1242-2	5.630	4.779	2340837	1759146	32.145	29.564
18)	L4 AR-1242-3	5.692	4.958	1564282	955543	34.141	29.617
19)	L4 AR-1242-4	5.791	5.042	1191264	1127603	33.015	30.948
20)	L4 AR-1242-5	6.532	5.573	382284	1203147	11.517	30.175 #
21)	L5 AR-1248-1	5.607	4.761	1659117	1373636	44.220	41.730
22)	L5 AR-1248-2	5.883	5.000	1083763	921890	18.402	17.886
23)	L5 AR-1248-3	6.089	5.042	1483792	1127603	23.289	21.005
24)	L5 AR-1248-4	6.494	5.217	392539	1284751	6.759	20.764 #
25)	L5 AR-1248-5	6.532	5.612	382284	438427	6.768	8.539 #
26)	L6 AR-1254-1	6.467	5.573	1384630	1203147	19.528	13.061 #
27)	L6 AR-1254-2	6.687	5.721	1080814	987350	10.658	12.285
28)	L6 AR-1254-3	7.057	6.145	423510	1532075	4.369	12.394 #
29)	L6 AR-1254-4	7.343	6.358	488592	119390	8.005	1.878 #
30)	L6 AR-1254-5	7.764	6.781	2477457	2730059	36.357	25.967 #
31)	L7 AR-1260-1	7.222	6.261	2385808	2842599	29.309	29.721
32)	L7 AR-1260-2	7.480	6.450	2309268	2785500	27.067	26.971
33)	L7 AR-1260-3	7.841	6.606	1896916	2655656	27.163	25.608
34)	L7 AR-1260-4	8.067	7.082	2142685	2189284	28.083	25.633
35)	L7 AR-1260-5	8.395	7.323	3326711	3848276	26.283	24.316
36)	L8 AR-1262-1	7.841	6.874	1896916	1253996	21.536	26.800
37)	L8 AR-1262-2	8.395	7.082	3326711	2189284	25.694	22.384
38)	L8 AR-1262-3	8.728	7.610	1867550	1050952	20.275	15.824
39)	L8 AR-1262-4	8.800	7.674	1588088	3057300	34.976	25.939 #
40)	L8 AR-1262-5	9.480	8.174	674020	973668	16.778	19.978
41)	L9 AR-1268-1	8.728	7.610	1867550	1050952	10.027	4.741 #

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 Acq On : 08 Apr 2023 09:50
 Operator : YP\AJ
 Sample : 02213-09
 Misc : AR1660 MDL 25 PPB
 ALS Vial : 72 Sample Multiplier: 1

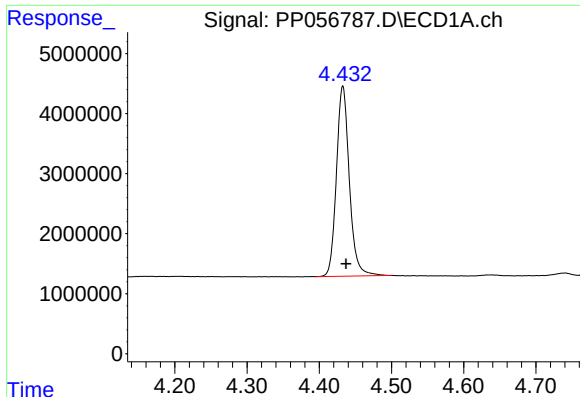
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 13:35:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP040623.M
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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	8.800	7.674	1588088	3057300	9.570	15.743 #
43) L9	AR-1268-3	9.077f	7.884	135523	94596	0.852	0.477 #
44) L9	AR-1268-4	9.480	8.174	674020	973668	14.517	16.833
45) L9	AR-1268-5	9.910	8.476	326744	646159	0.761	1.272 #

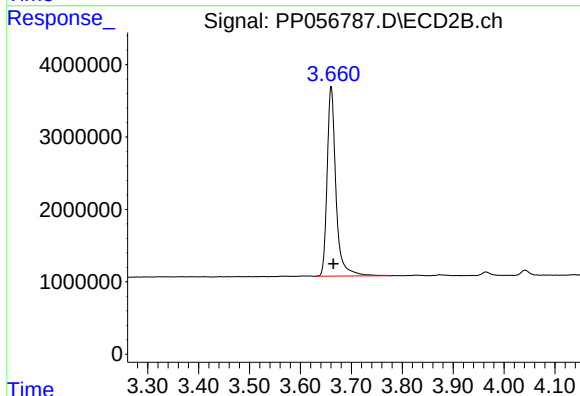
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

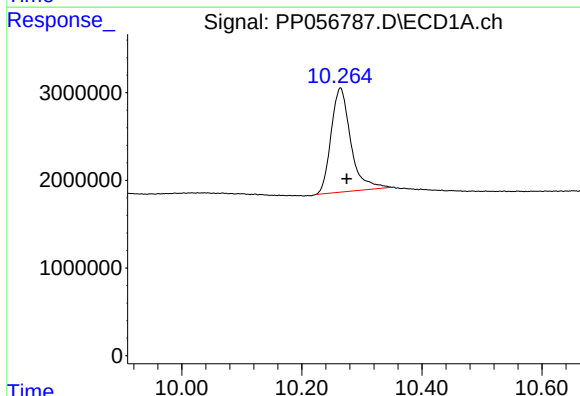
R.T.: 4.433 min
Delta R.T.: -0.004 min
Response: 39367331
Conc: 18.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



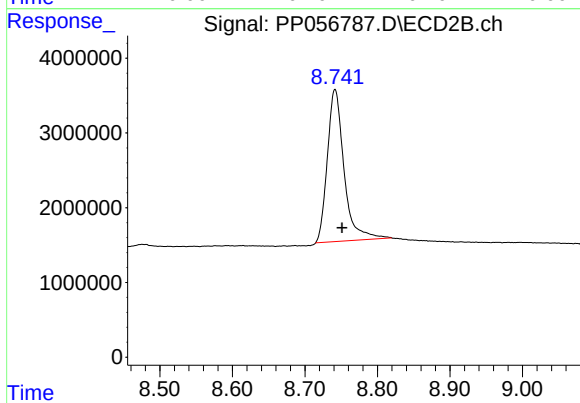
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: -0.005 min
Response: 31468891
Conc: 18.09 ng/ml



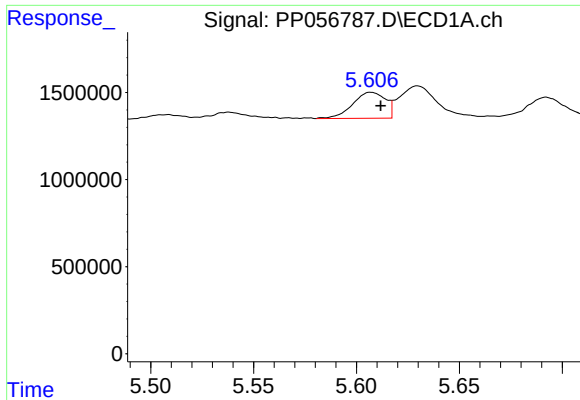
#2 Decachlorobiphenyl

R.T.: 10.264 min
Delta R.T.: -0.011 min
Response: 27124298
Conc: 20.72 ng/ml



#2 Decachlorobiphenyl

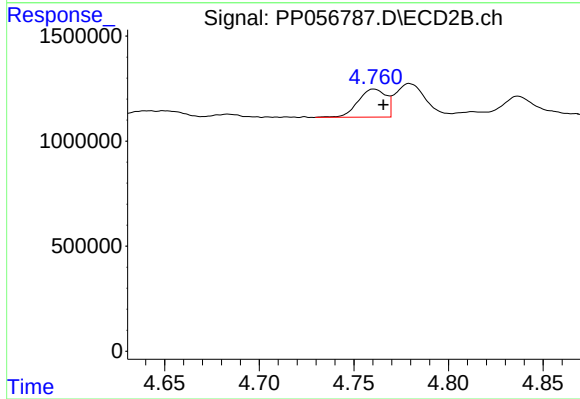
R.T.: 8.742 min
Delta R.T.: -0.010 min
Response: 32610277
Conc: 20.74 ng/ml



#3 AR-1016-1

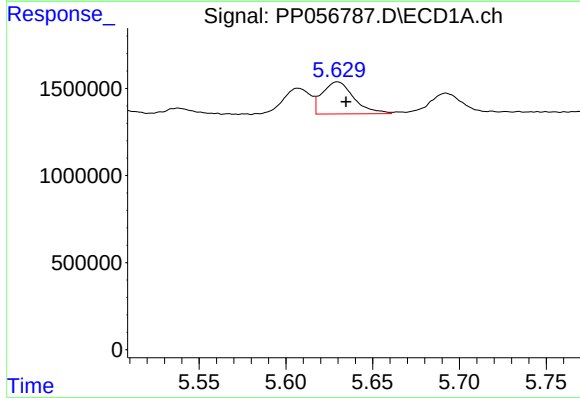
R.T.: 5.607 min
Delta R.T.: -0.005 min
Response: 1659117
Conc: 27.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



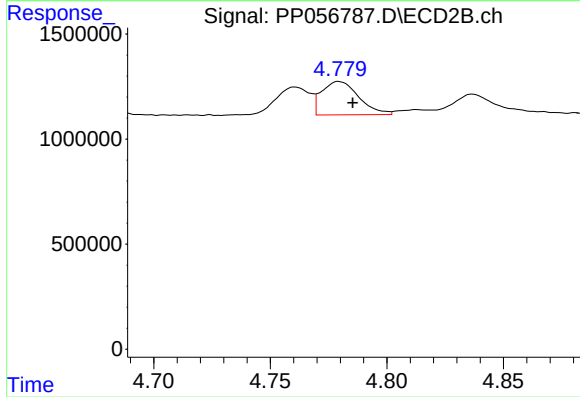
#3 AR-1016-1

R.T.: 4.761 min
Delta R.T.: -0.005 min
Response: 1373636
Conc: 25.79 ng/ml



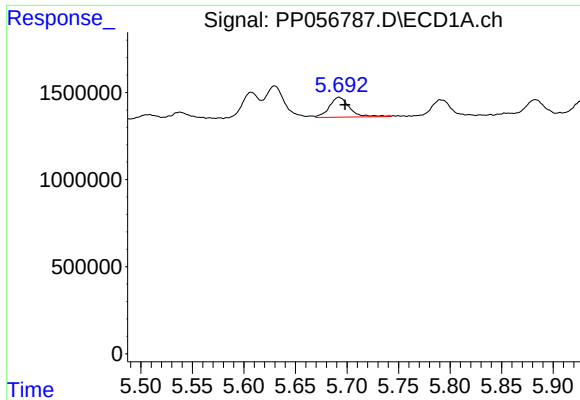
#4 AR-1016-2

R.T.: 5.630 min
Delta R.T.: -0.005 min
Response: 2340837
Conc: 26.25 ng/ml



#4 AR-1016-2

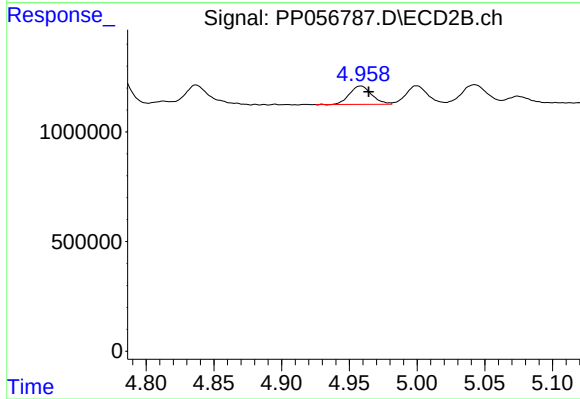
R.T.: 4.779 min
Delta R.T.: -0.006 min
Response: 1759146
Conc: 23.72 ng/ml



#5 AR-1016-3

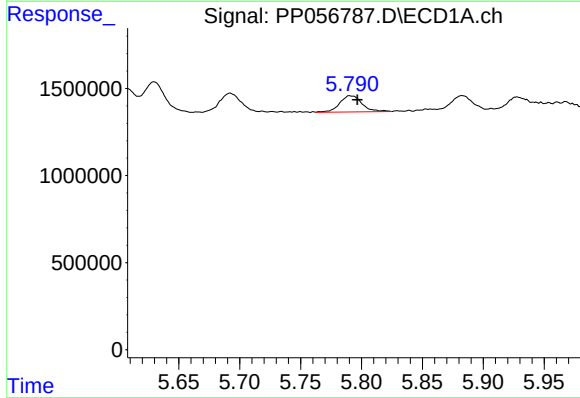
R.T.: 5.692 min
Delta R.T.: -0.006 min
Response: 1564282
Conc: 27.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



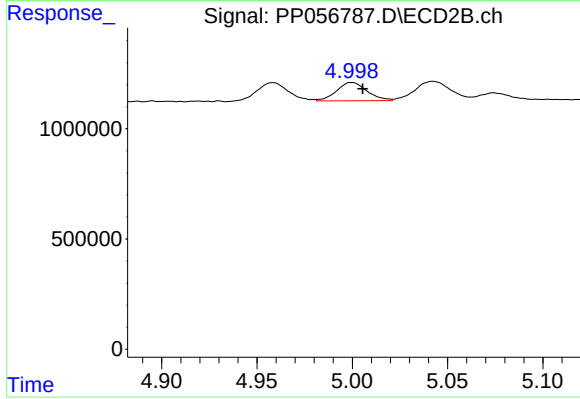
#5 AR-1016-3

R.T.: 4.958 min
Delta R.T.: -0.006 min
Response: 955543
Conc: 23.74 ng/ml



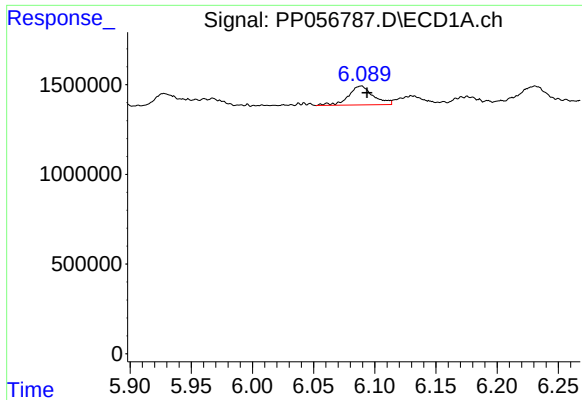
#6 AR-1016-4

R.T.: 5.791 min
Delta R.T.: -0.006 min
Response: 1191264
Conc: 26.60 ng/ml



#6 AR-1016-4

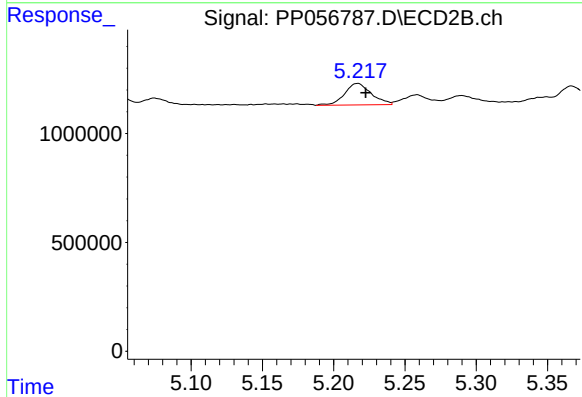
R.T.: 5.000 min
Delta R.T.: -0.006 min
Response: 921890
Conc: 25.44 ng/ml



#7 AR-1016-5

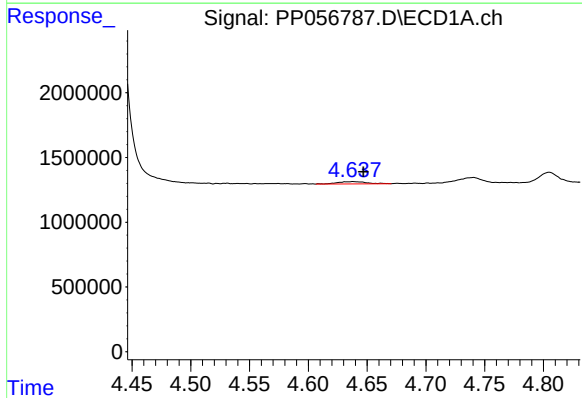
R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 1483792
Conc: 31.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



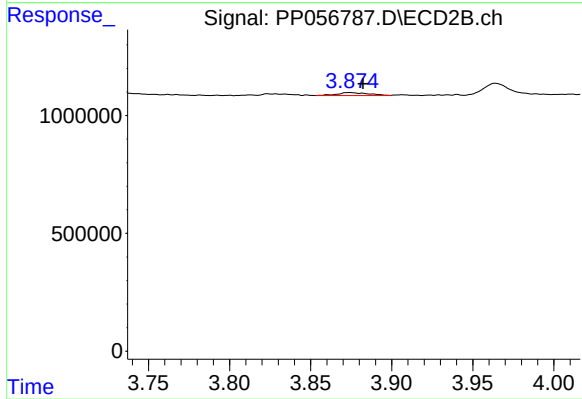
#7 AR-1016-5

R.T.: 5.217 min
Delta R.T.: -0.006 min
Response: 1284751
Conc: 27.36 ng/ml



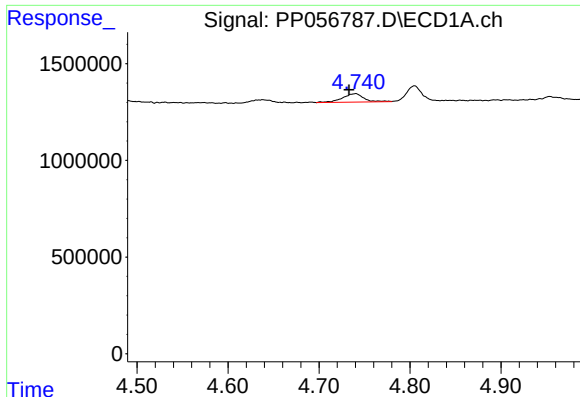
#8 AR-1221-1

R.T.: 4.638 min
Delta R.T.: -0.008 min
Response: 298175
Conc: 11.30 ng/ml



#8 AR-1221-1

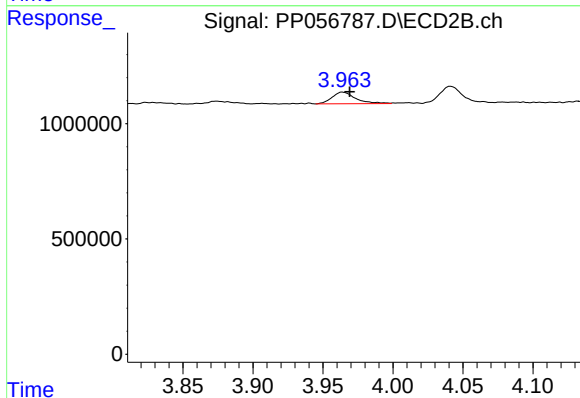
R.T.: 3.874 min
Delta R.T.: -0.008 min
Response: 162200
Conc: 7.41 ng/ml



#9 AR-1221-2

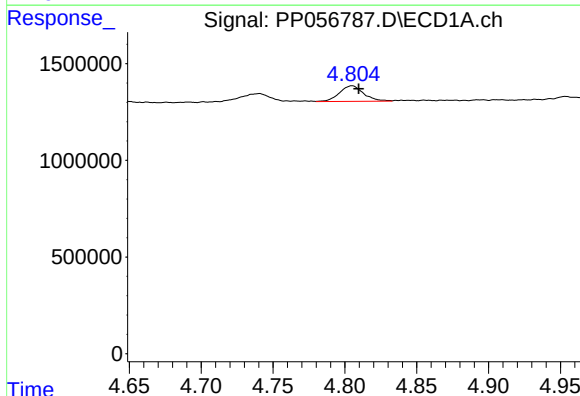
R.T.: 4.740 min
Delta R.T.: 0.007 min
Response: 719031
Conc: 37.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



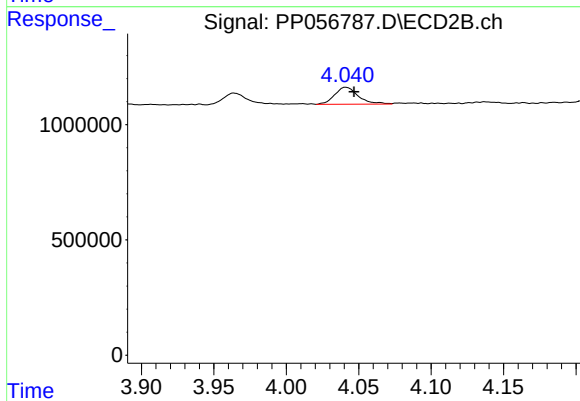
#9 AR-1221-2

R.T.: 3.964 min
Delta R.T.: -0.005 min
Response: 591247
Conc: 35.99 ng/ml



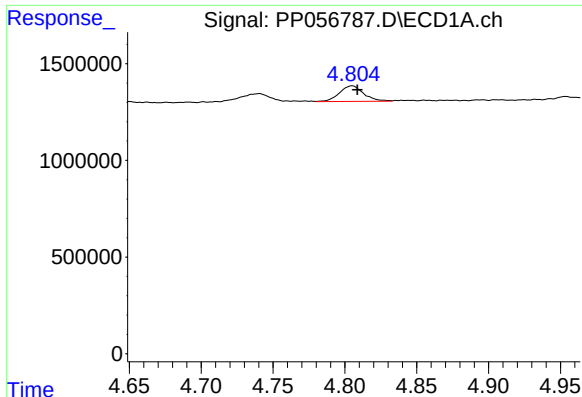
#10 AR-1221-3

R.T.: 4.805 min
Delta R.T.: -0.005 min
Response: 948292
Conc: 16.64 ng/ml



#10 AR-1221-3

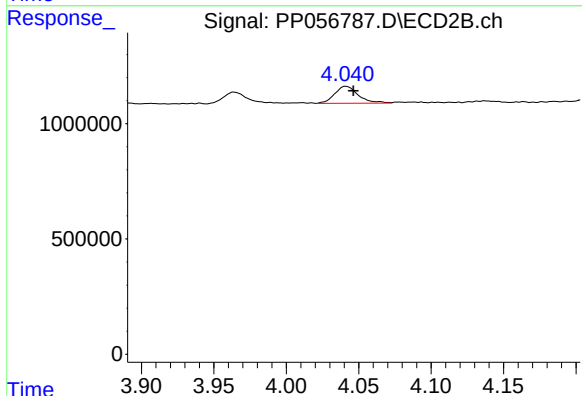
R.T.: 4.041 min
Delta R.T.: -0.006 min
Response: 839988
Conc: 17.13 ng/ml



#11 AR-1232-1

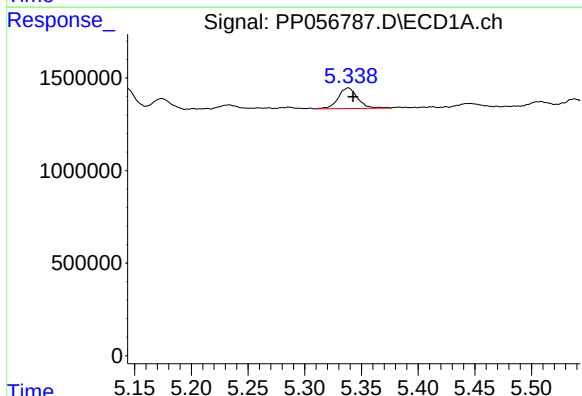
R.T.: 4.805 min
Delta R.T.: -0.004 min
Response: 948292
Conc: 19.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



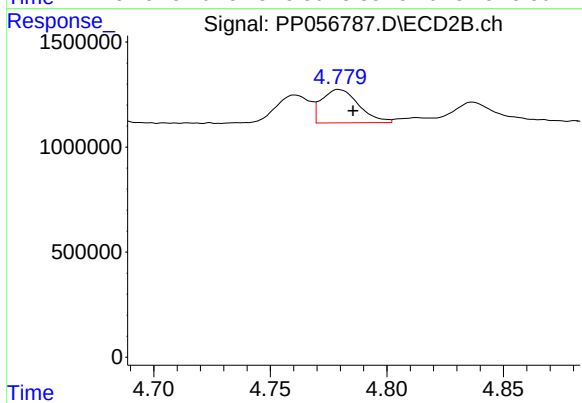
#11 AR-1232-1

R.T.: 4.041 min
Delta R.T.: -0.005 min
Response: 839988
Conc: 20.42 ng/ml



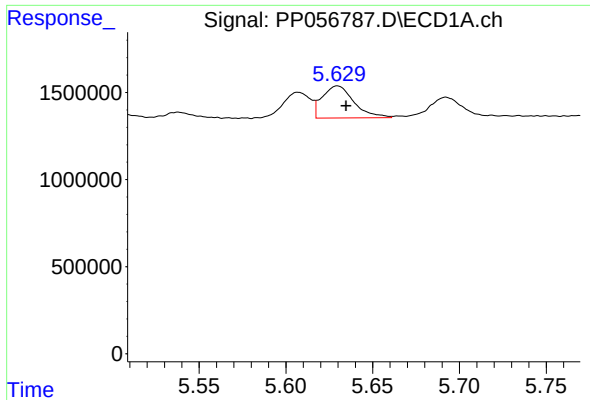
#12 AR-1232-2

R.T.: 5.338 min
Delta R.T.: -0.004 min
Response: 1327792
Conc: 53.15 ng/ml



#12 AR-1232-2

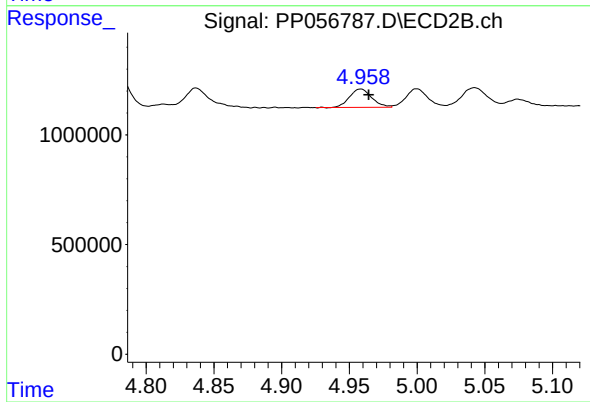
R.T.: 4.779 min
Delta R.T.: -0.006 min
Response: 1759146
Conc: 51.33 ng/ml



#13 AR-1232-3

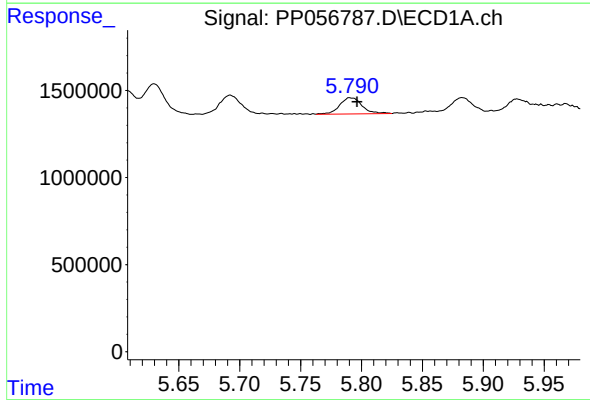
R.T.: 5.630 min
Delta R.T.: -0.005 min
Response: 2340837
Conc: 58.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



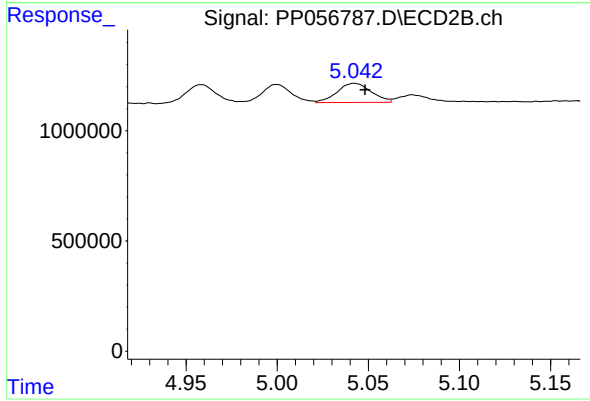
#13 AR-1232-3

R.T.: 4.958 min
Delta R.T.: -0.006 min
Response: 955543
Conc: 51.93 ng/ml



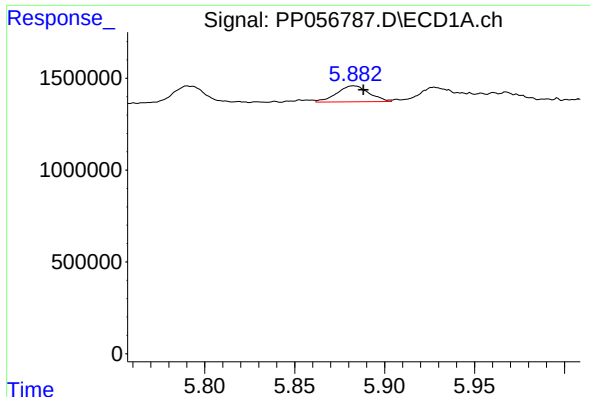
#14 AR-1232-4

R.T.: 5.791 min
Delta R.T.: -0.005 min
Response: 1191264
Conc: 59.12 ng/ml



#14 AR-1232-4

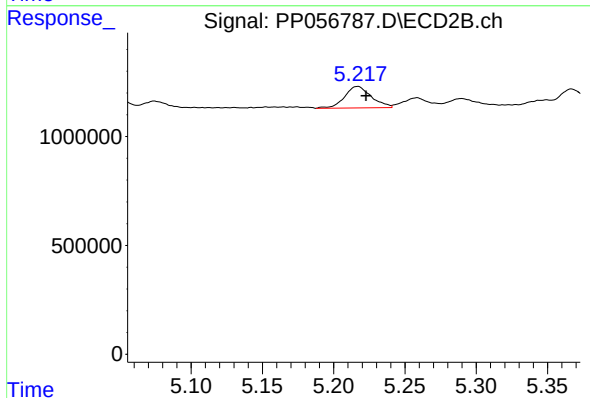
R.T.: 5.042 min
Delta R.T.: -0.006 min
Response: 1127603
Conc: 58.84 ng/ml



#15 AR-1232-5

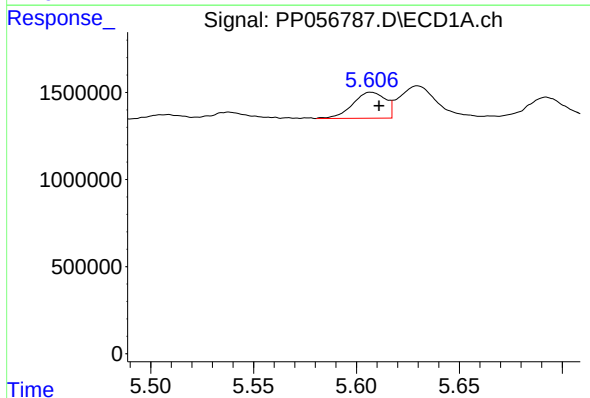
R.T.: 5.883 min
Delta R.T.: -0.005 min
Response: 1083763
Conc: 61.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



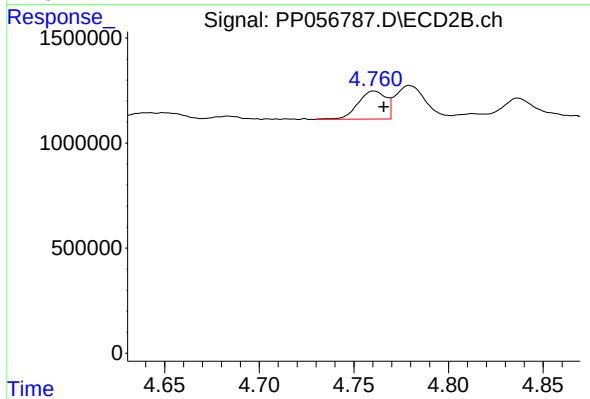
#15 AR-1232-5

R.T.: 5.217 min
Delta R.T.: -0.006 min
Response: 1284751
Conc: 60.44 ng/ml



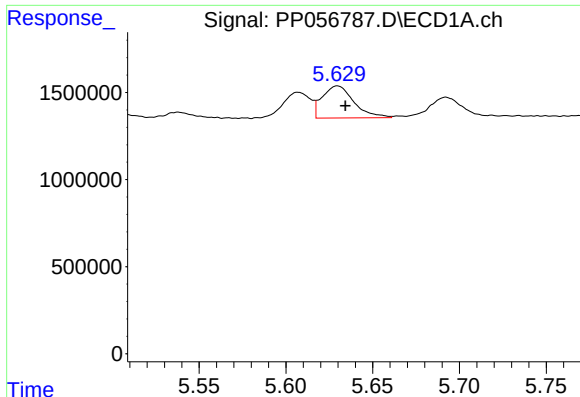
#16 AR-1242-1

R.T.: 5.607 min
Delta R.T.: -0.004 min
Response: 1659117
Conc: 32.99 ng/ml



#16 AR-1242-1

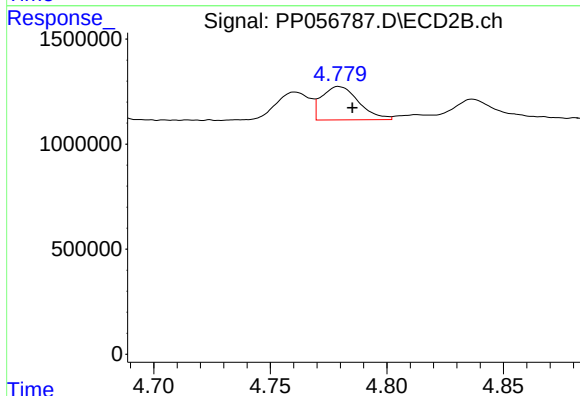
R.T.: 4.761 min
Delta R.T.: -0.005 min
Response: 1373636
Conc: 31.94 ng/ml



#17 AR-1242-2

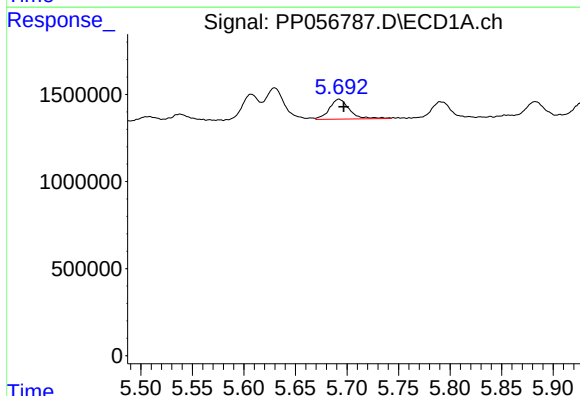
R.T.: 5.630 min
Delta R.T.: -0.005 min
Response: 2340837
Conc: 32.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



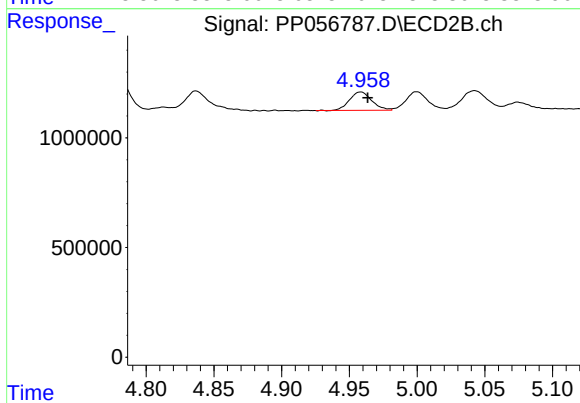
#17 AR-1242-2

R.T.: 4.779 min
Delta R.T.: -0.006 min
Response: 1759146
Conc: 29.56 ng/ml



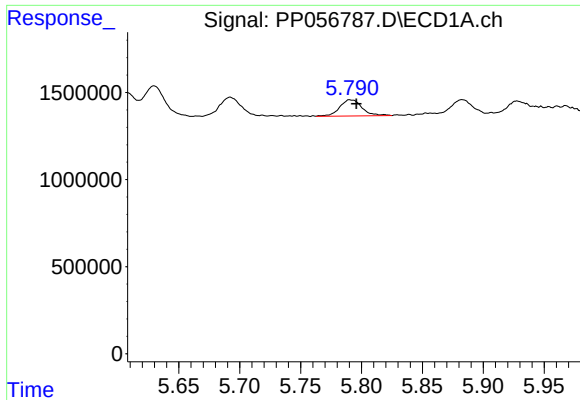
#18 AR-1242-3

R.T.: 5.692 min
Delta R.T.: -0.004 min
Response: 1564282
Conc: 34.14 ng/ml



#18 AR-1242-3

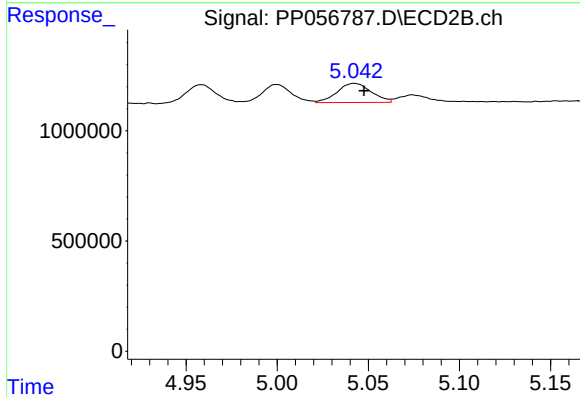
R.T.: 4.958 min
Delta R.T.: -0.005 min
Response: 955543
Conc: 29.62 ng/ml



#19 AR-1242-4

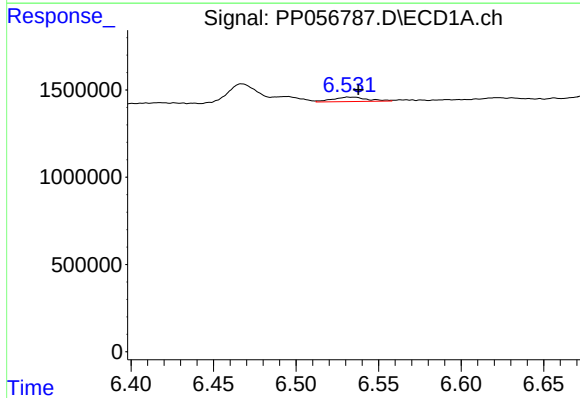
R.T.: 5.791 min
Delta R.T.: -0.005 min
Response: 1191264
Conc: 33.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



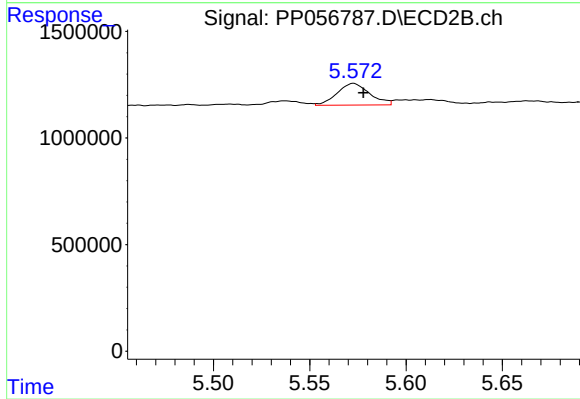
#19 AR-1242-4

R.T.: 5.042 min
Delta R.T.: -0.005 min
Response: 1127603
Conc: 30.95 ng/ml



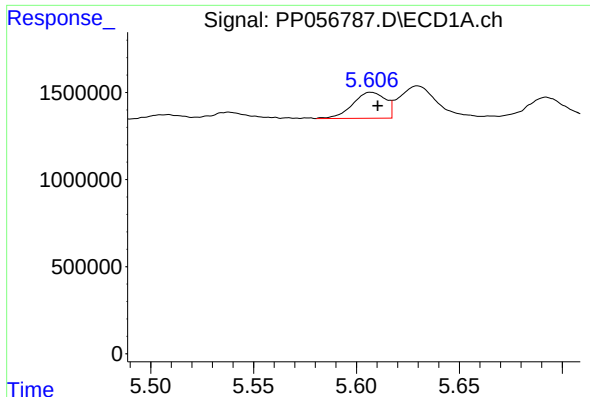
#20 AR-1242-5

R.T.: 6.532 min
Delta R.T.: -0.006 min
Response: 382284
Conc: 11.52 ng/ml



#20 AR-1242-5

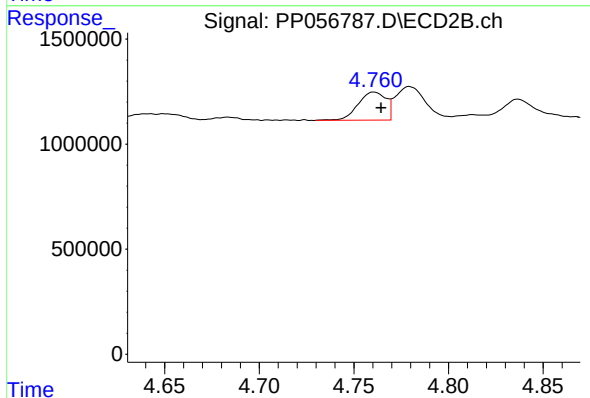
R.T.: 5.573 min
Delta R.T.: -0.005 min
Response: 1203147
Conc: 30.18 ng/ml



#21 AR-1248-1

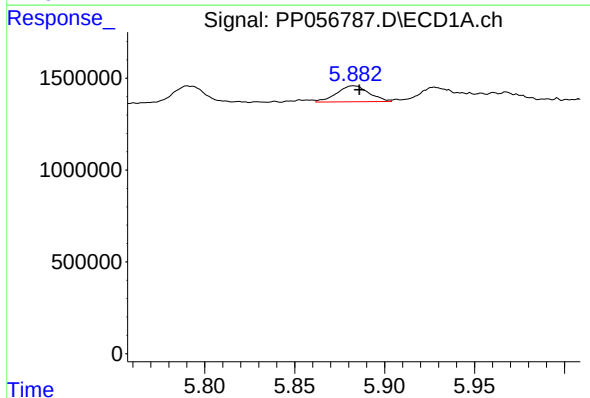
R.T.: 5.607 min
Delta R.T.: -0.003 min
Response: 1659117
Conc: 44.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



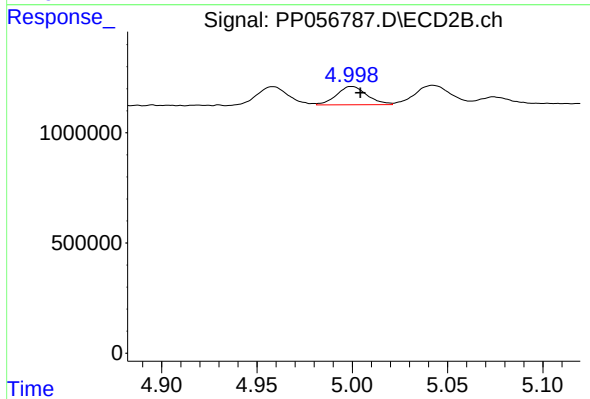
#21 AR-1248-1

R.T.: 4.761 min
Delta R.T.: -0.004 min
Response: 1373636
Conc: 41.73 ng/ml



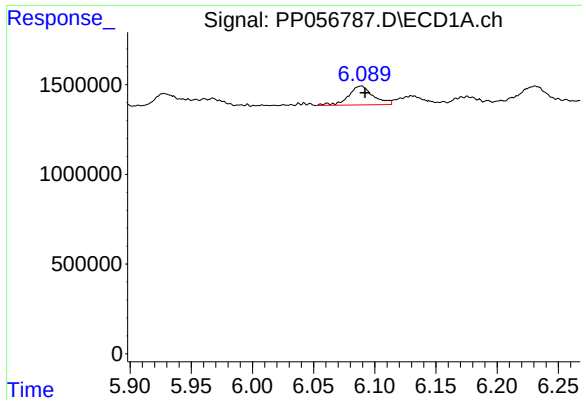
#22 AR-1248-2

R.T.: 5.883 min
Delta R.T.: -0.003 min
Response: 1083763
Conc: 18.40 ng/ml



#22 AR-1248-2

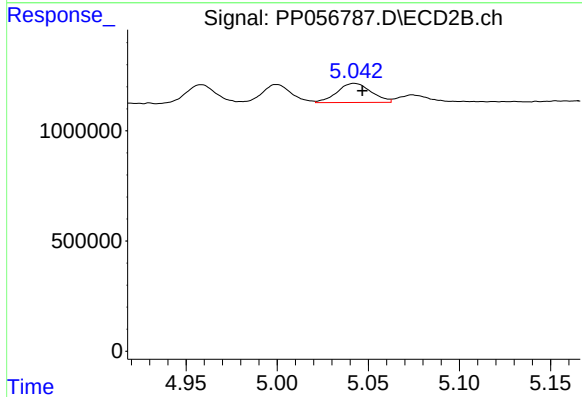
R.T.: 5.000 min
Delta R.T.: -0.004 min
Response: 921890
Conc: 17.89 ng/ml



#23 AR-1248-3

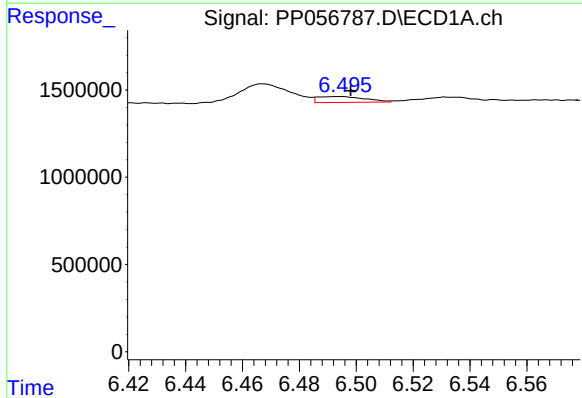
R.T.: 6.089 min
Delta R.T.: -0.003 min
Response: 1483792
Conc: 23.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



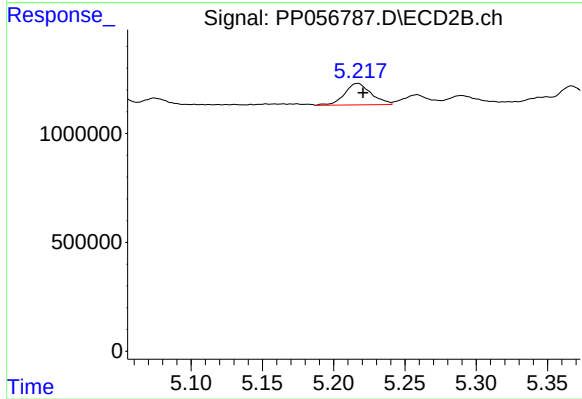
#23 AR-1248-3

R.T.: 5.042 min
Delta R.T.: -0.004 min
Response: 1127603
Conc: 21.01 ng/ml



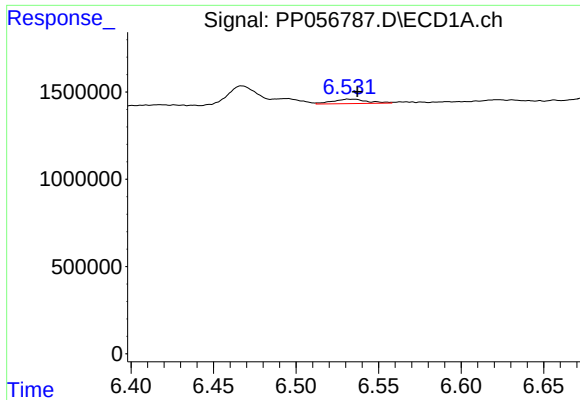
#24 AR-1248-4

R.T.: 6.494 min
Delta R.T.: -0.004 min
Response: 392539
Conc: 6.76 ng/ml



#24 AR-1248-4

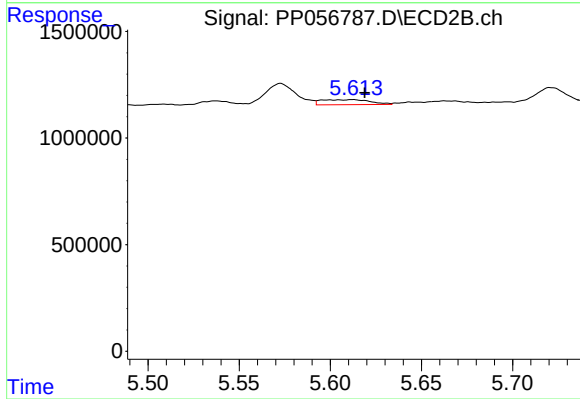
R.T.: 5.217 min
Delta R.T.: -0.004 min
Response: 1284751
Conc: 20.76 ng/ml



#25 AR-1248-5

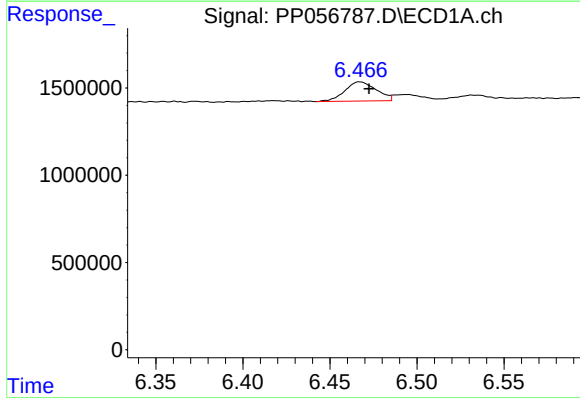
R.T.: 6.532 min
Delta R.T.: -0.005 min
Response: 382284
Conc: 6.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



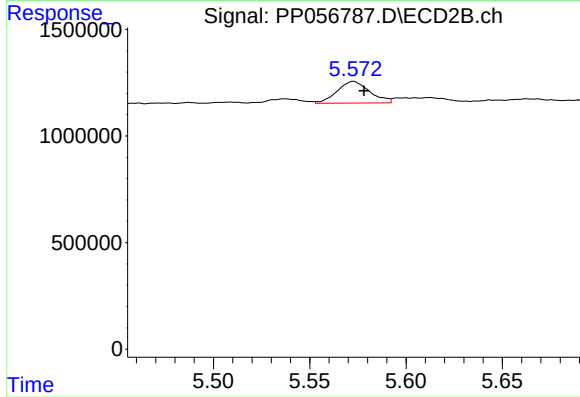
#25 AR-1248-5

R.T.: 5.612 min
Delta R.T.: -0.007 min
Response: 438427
Conc: 8.54 ng/ml



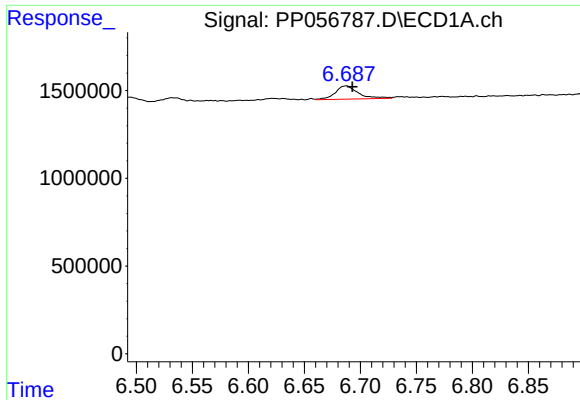
#26 AR-1254-1

R.T.: 6.467 min
Delta R.T.: -0.005 min
Response: 1384630
Conc: 19.53 ng/ml



#26 AR-1254-1

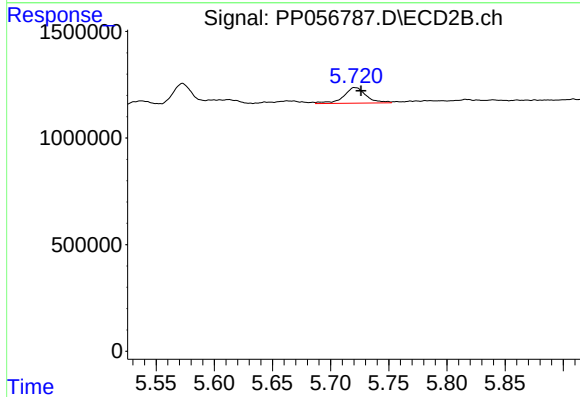
R.T.: 5.573 min
Delta R.T.: -0.005 min
Response: 1203147
Conc: 13.06 ng/ml



#27 AR-1254-2

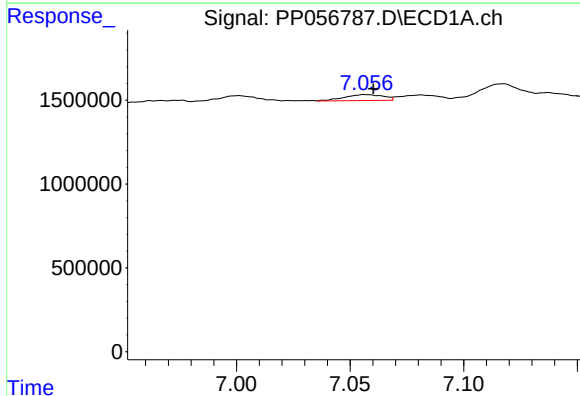
R.T.: 6.687 min
Delta R.T.: -0.005 min
Response: 1080814
Conc: 10.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



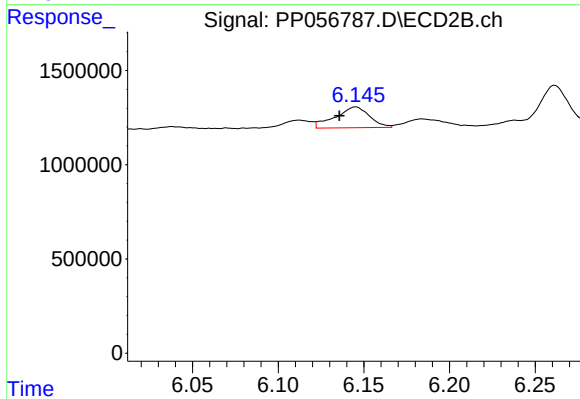
#27 AR-1254-2

R.T.: 5.721 min
Delta R.T.: -0.005 min
Response: 987350
Conc: 12.29 ng/ml



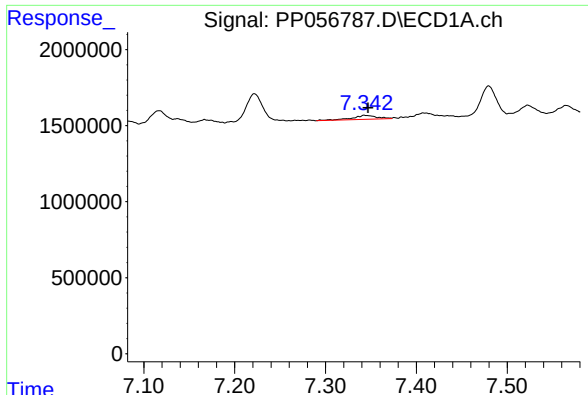
#28 AR-1254-3

R.T.: 7.057 min
Delta R.T.: -0.003 min
Response: 423510
Conc: 4.37 ng/ml



#28 AR-1254-3

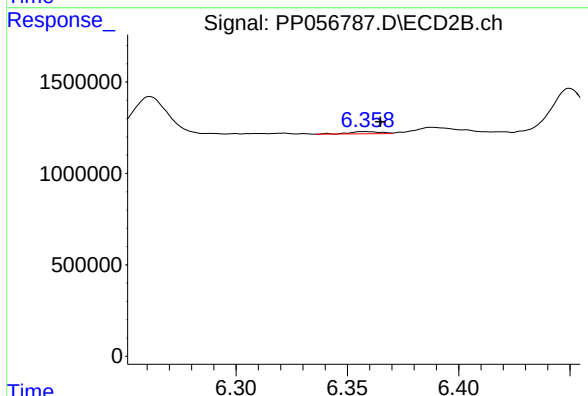
R.T.: 6.145 min
Delta R.T.: 0.009 min
Response: 1532075
Conc: 12.39 ng/ml



#29 AR-1254-4

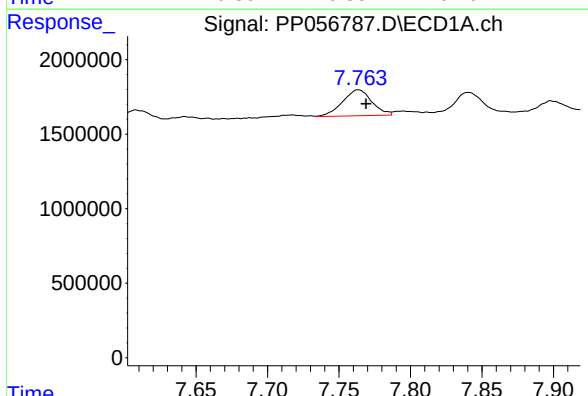
R.T.: 7.343 min
Delta R.T.: -0.004 min
Response: 488592
Conc: 8.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



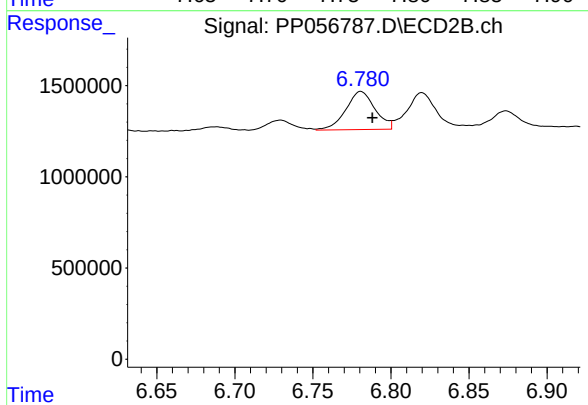
#29 AR-1254-4

R.T.: 6.358 min
Delta R.T.: -0.007 min
Response: 119390
Conc: 1.88 ng/ml



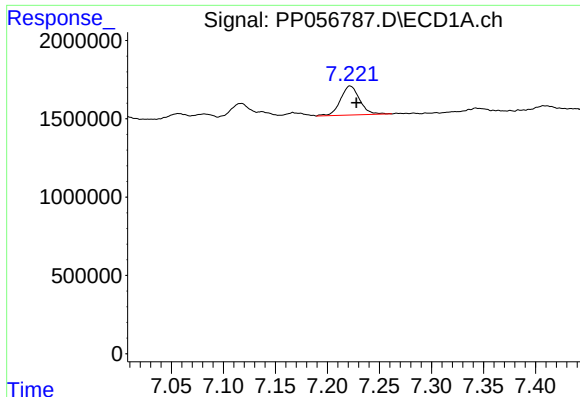
#30 AR-1254-5

R.T.: 7.764 min
Delta R.T.: -0.005 min
Response: 2477457
Conc: 36.36 ng/ml



#30 AR-1254-5

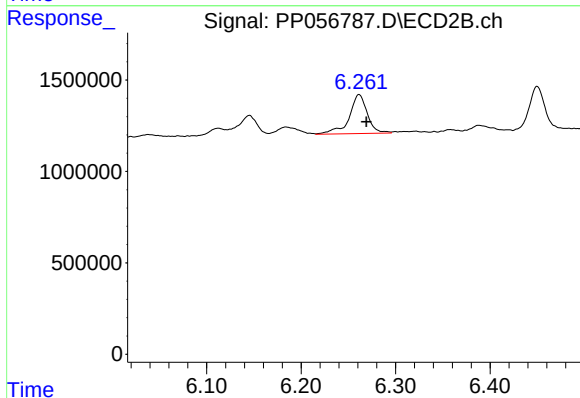
R.T.: 6.781 min
Delta R.T.: -0.007 min
Response: 2730059
Conc: 25.97 ng/ml



#31 AR-1260-1

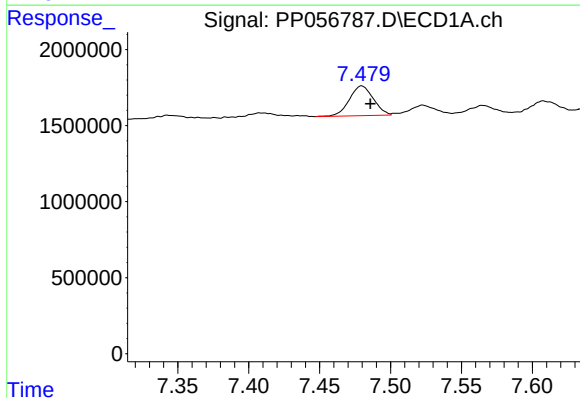
R.T.: 7.222 min
Delta R.T.: -0.006 min
Response: 2385808
Conc: 29.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



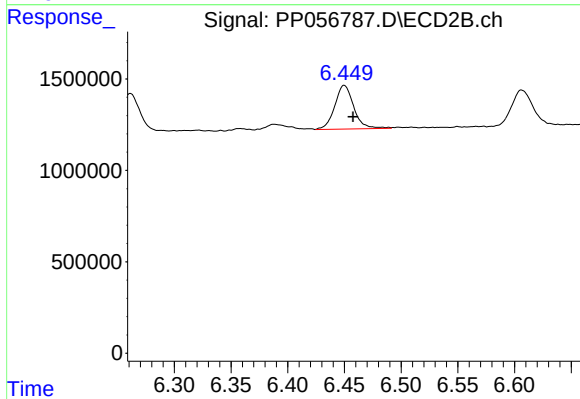
#31 AR-1260-1

R.T.: 6.261 min
Delta R.T.: -0.008 min
Response: 2842599
Conc: 29.72 ng/ml



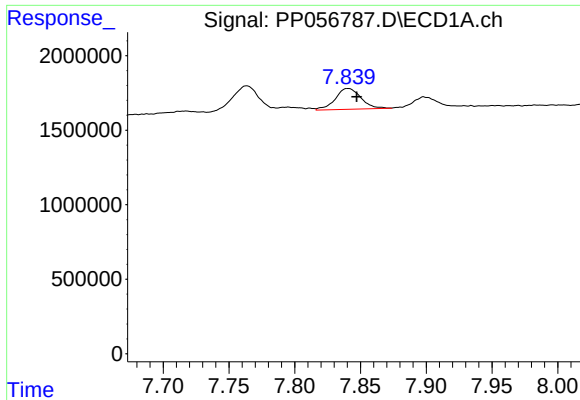
#32 AR-1260-2

R.T.: 7.480 min
Delta R.T.: -0.006 min
Response: 2309268
Conc: 27.07 ng/ml



#32 AR-1260-2

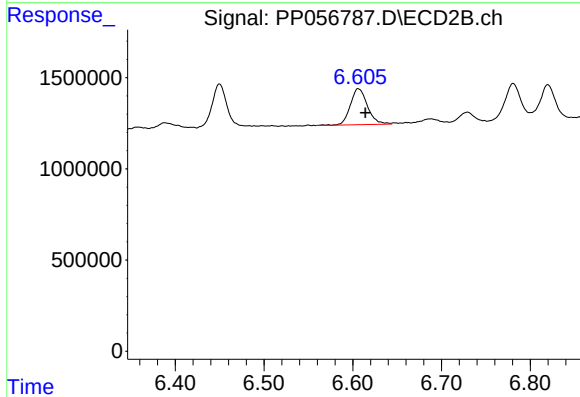
R.T.: 6.450 min
Delta R.T.: -0.008 min
Response: 2785500
Conc: 26.97 ng/ml



#33 AR-1260-3

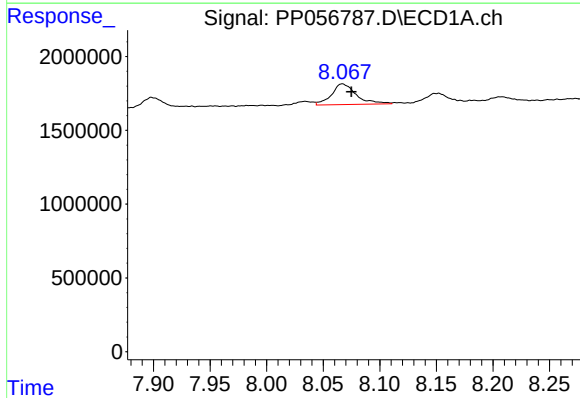
R.T.: 7.841 min
Delta R.T.: -0.006 min
Response: 1896916
Conc: 27.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



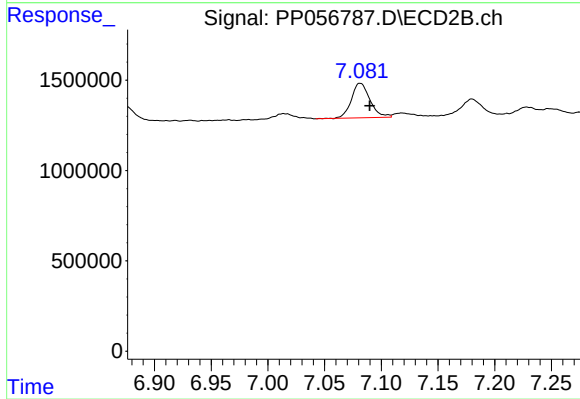
#33 AR-1260-3

R.T.: 6.606 min
Delta R.T.: -0.008 min
Response: 2655656
Conc: 25.61 ng/ml



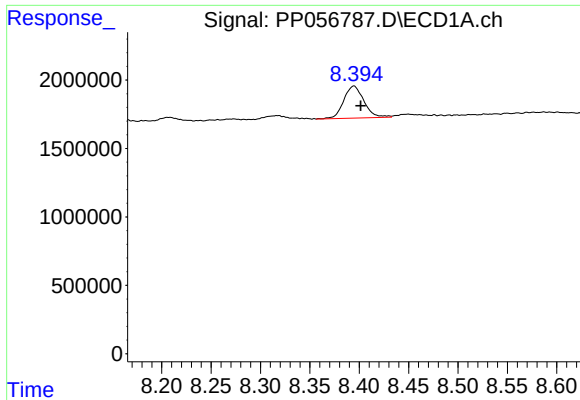
#34 AR-1260-4

R.T.: 8.067 min
Delta R.T.: -0.008 min
Response: 2142685
Conc: 28.08 ng/ml



#34 AR-1260-4

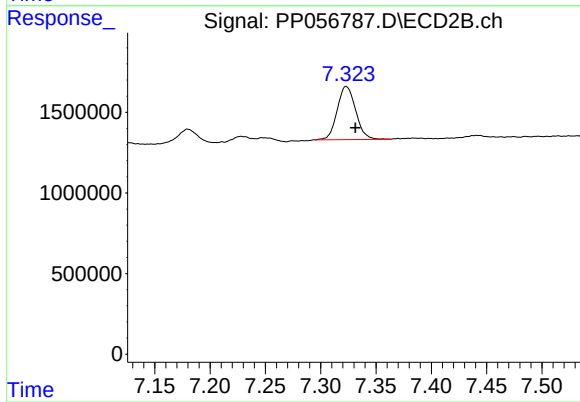
R.T.: 7.082 min
Delta R.T.: -0.008 min
Response: 2189284
Conc: 25.63 ng/ml



#35 AR-1260-5

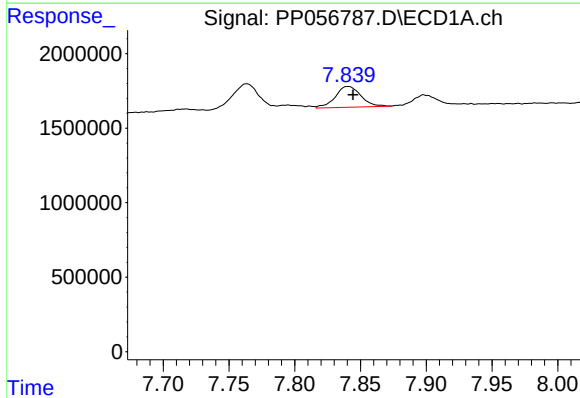
R.T.: 8.395 min
Delta R.T.: -0.007 min
Response: 3326711
Conc: 26.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



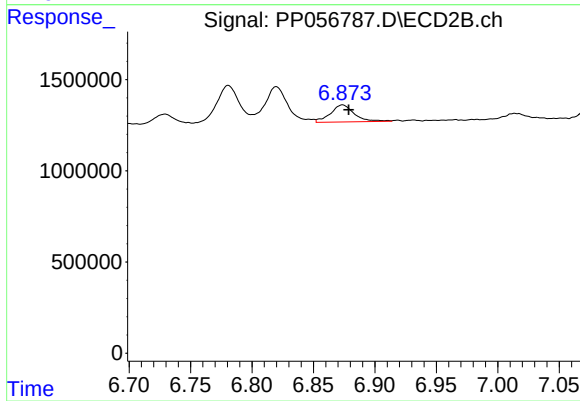
#35 AR-1260-5

R.T.: 7.323 min
Delta R.T.: -0.008 min
Response: 3848276
Conc: 24.32 ng/ml



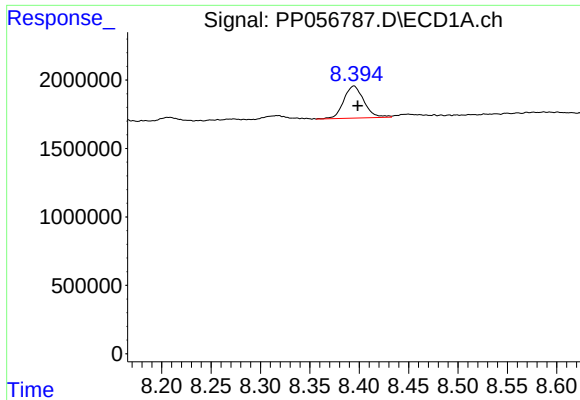
#36 AR-1262-1

R.T.: 7.841 min
Delta R.T.: -0.004 min
Response: 1896916
Conc: 21.54 ng/ml



#36 AR-1262-1

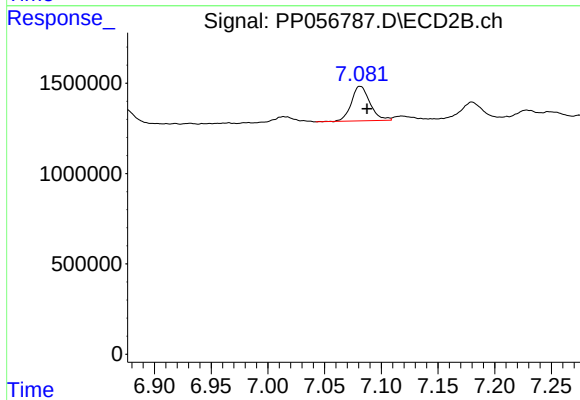
R.T.: 6.874 min
Delta R.T.: -0.005 min
Response: 1253996
Conc: 26.80 ng/ml



#37 AR-1262-2

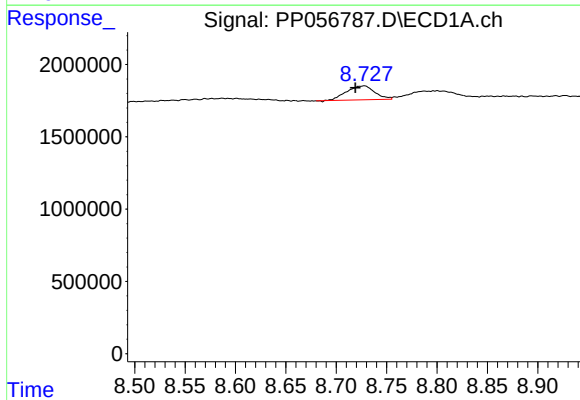
R.T.: 8.395 min
Delta R.T.: -0.004 min
Response: 3326711
Conc: 25.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



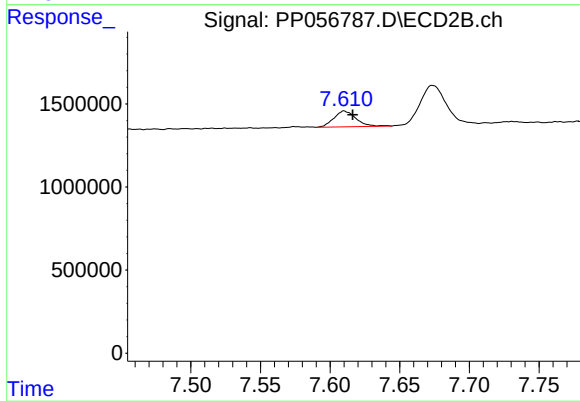
#37 AR-1262-2

R.T.: 7.082 min
Delta R.T.: -0.006 min
Response: 2189284
Conc: 22.38 ng/ml



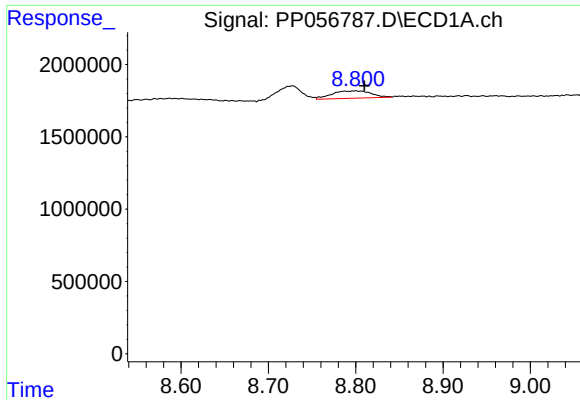
#38 AR-1262-3

R.T.: 8.728 min
Delta R.T.: 0.009 min
Response: 1867550
Conc: 20.28 ng/ml



#38 AR-1262-3

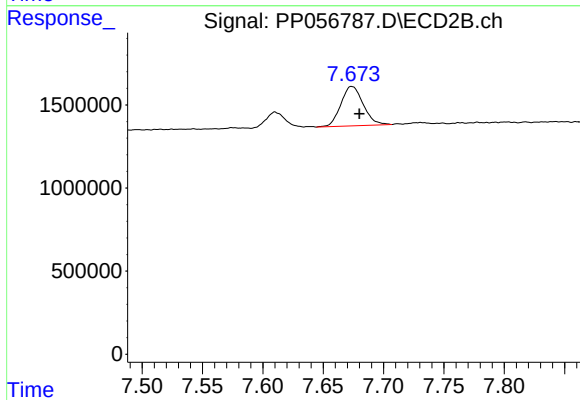
R.T.: 7.610 min
Delta R.T.: -0.006 min
Response: 1050952
Conc: 15.82 ng/ml



#39 AR-1262-4

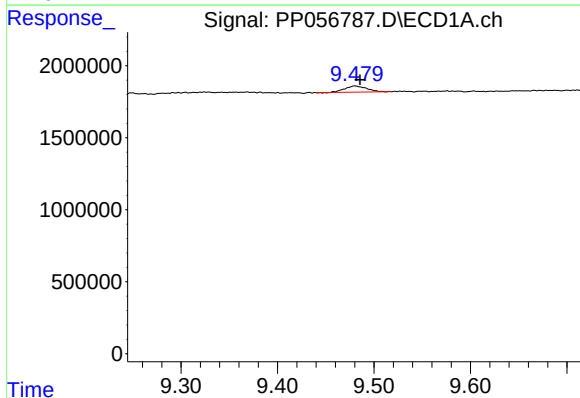
R.T.: 8.800 min
Delta R.T.: -0.010 min
Response: 1588088
Conc: 34.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



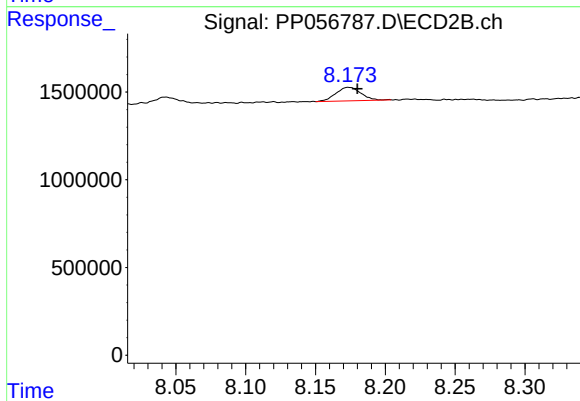
#39 AR-1262-4

R.T.: 7.674 min
Delta R.T.: -0.006 min
Response: 3057300
Conc: 25.94 ng/ml



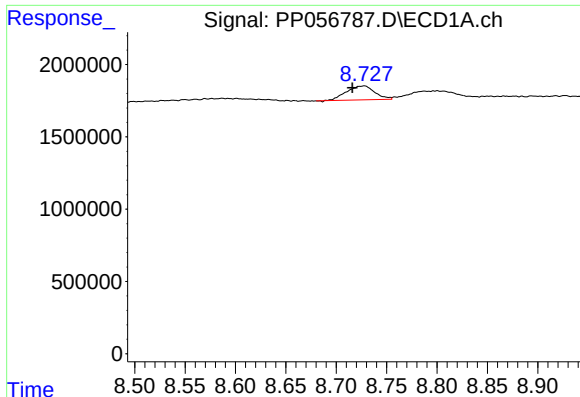
#40 AR-1262-5

R.T.: 9.480 min
Delta R.T.: -0.005 min
Response: 674020
Conc: 16.78 ng/ml



#40 AR-1262-5

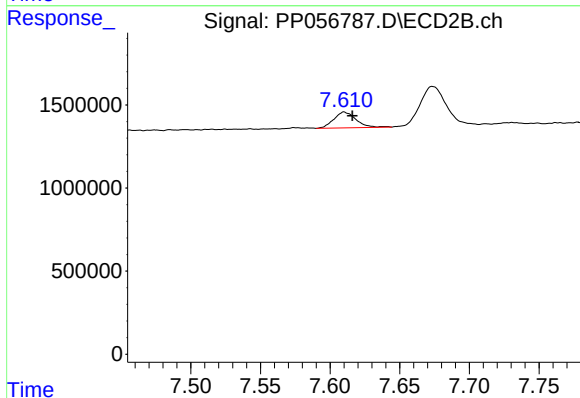
R.T.: 8.174 min
Delta R.T.: -0.006 min
Response: 973668
Conc: 19.98 ng/ml



#41 AR-1268-1

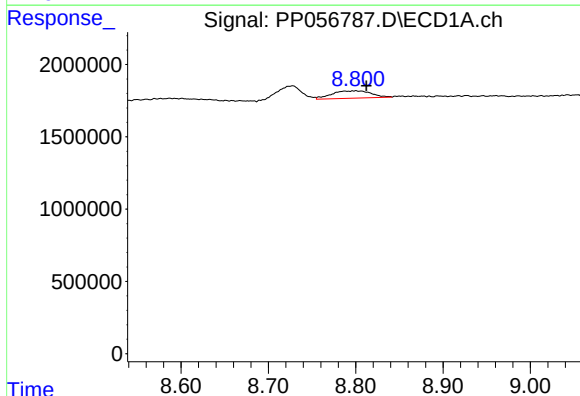
R.T.: 8.728 min
Delta R.T.: 0.012 min
Response: 1867550
Conc: 10.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



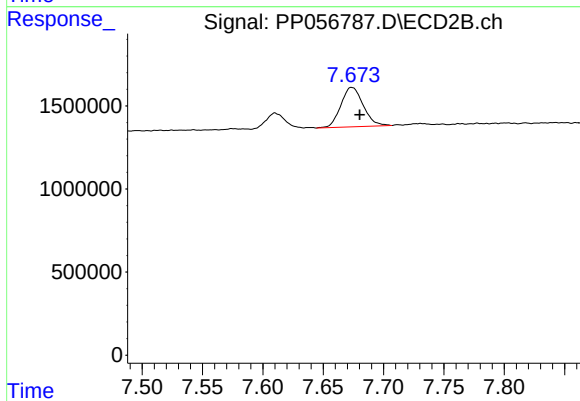
#41 AR-1268-1

R.T.: 7.610 min
Delta R.T.: -0.006 min
Response: 1050952
Conc: 4.74 ng/ml



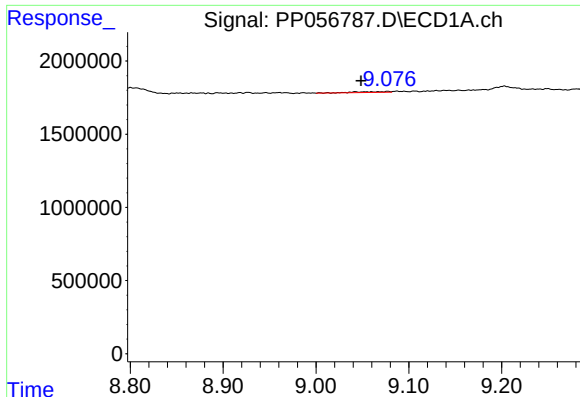
#42 AR-1268-2

R.T.: 8.800 min
Delta R.T.: -0.012 min
Response: 1588088
Conc: 9.57 ng/ml



#42 AR-1268-2

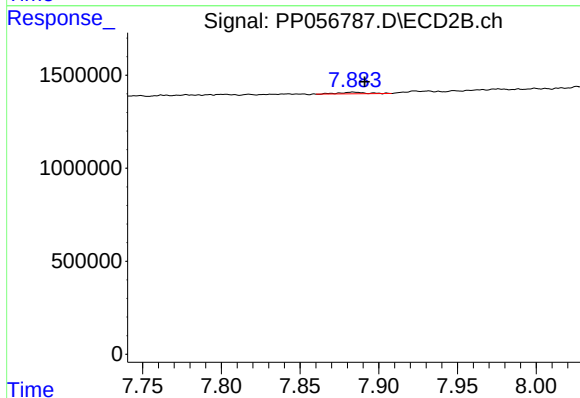
R.T.: 7.674 min
Delta R.T.: -0.006 min
Response: 3057300
Conc: 15.74 ng/ml



#43 AR-1268-3

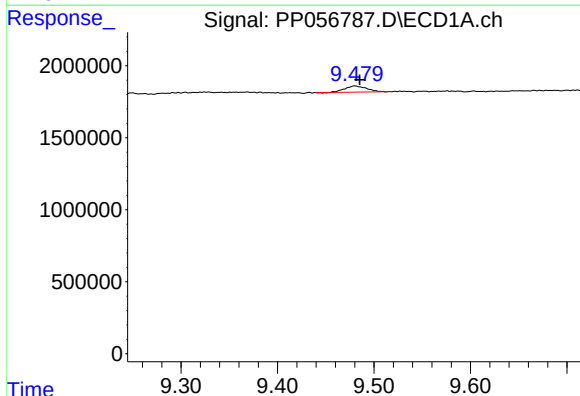
R.T.: 9.077 min
Delta R.T.: 0.029 min
Response: 135523
Conc: 0.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



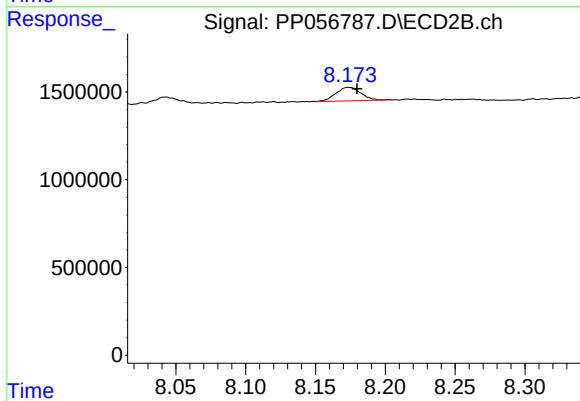
#43 AR-1268-3

R.T.: 7.884 min
Delta R.T.: -0.007 min
Response: 94596
Conc: 0.48 ng/ml



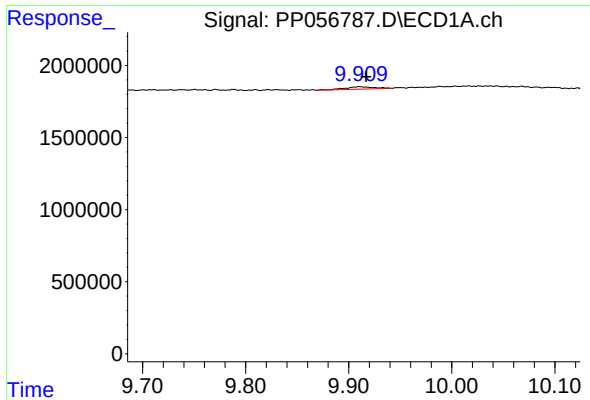
#44 AR-1268-4

R.T.: 9.480 min
Delta R.T.: -0.005 min
Response: 674020
Conc: 14.52 ng/ml



#44 AR-1268-4

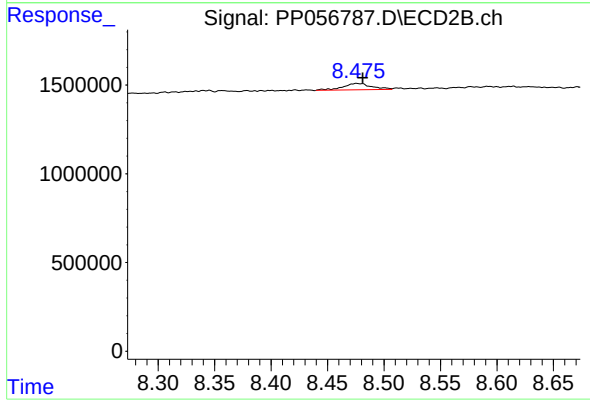
R.T.: 8.174 min
Delta R.T.: -0.006 min
Response: 973668
Conc: 16.83 ng/ml



#45 AR-1268-5

R.T.: 9.910 min
Delta R.T.: -0.006 min
Response: 326744
Conc: 0.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.476 min
Delta R.T.: -0.005 min
Response: 646159
Conc: 1.27 ng/ml