

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP091923\
 Data File : PP059977.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Sep 2023 23:56
 Operator : YP\AJ
 Sample : 04457-01 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 01:39:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP091823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 19 09:22:53 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...	4.503	3.675	5809104	4935521	2.792	3.030
2)	SA Decachlor...	10.427	8.745	4462130	3806711	2.925	2.514
Target Compounds							
3)	L1 AR-1016-1	5.697	4.769	21995935	26673511	325.986	443.703 #
4)	L1 AR-1016-2	5.725	4.788	53759362	23171675	561.977	279.171 #
5)	L1 AR-1016-3	5.784	4.965	25202883	11424109	423.414	254.667 #
6)	L1 AR-1016-4	5.887	5.009	25985271	8671095	530.678	245.787 #
7)	L1 AR-1016-5	6.181	5.224	30910852	17303876	628.680	372.154 #
8)	L2 AR-1221-1	4.726	3.884	17066961	1806485	642.022	82.244 #
9)	L2 AR-1221-2	4.824f	3.949f	7206758	2193223	366.140	142.058 #
10)	L2 AR-1221-3	4.884	4.046	8001320	10762316	140.082	229.458 #
11)	L3 AR-1232-1	4.884	4.046	8001320	10762316	171.501	283.118 #
12)	L3 AR-1232-2	5.424	4.788	7804419	23171675	307.276	628.416 #
13)	L3 AR-1232-3	5.725	4.965	53759362	11424109	1244.333	570.535 #
14)	L3 AR-1232-4	5.887	5.049	25985271	15528476	1175.651	850.105 #
15)	L3 AR-1232-5	5.975	5.224	15547734	17303876	847.502	863.067
16)	L4 AR-1242-1	5.697	4.769	21995935	26673511	368.283	506.513 #
17)	L4 AR-1242-2	5.725	4.788	53759362	23171675	639.709	321.577 #
18)	L4 AR-1242-3	5.784	4.965	25202883	11424109	481.877	291.926 #
19)	L4 AR-1242-4	5.887	5.049	25985271	15528476	603.018	396.241 #
20)	L4 AR-1242-5	6.646	5.580	194.7E6	29212171	4259.033	603.807 #
21)	L5 AR-1248-1	5.697	4.769	21995935	26673511	492.116	682.664 #
22)	L5 AR-1248-2	5.975	5.009	15547734	8671095	240.068	160.032 #
23)	L5 AR-1248-3	6.181	5.049	30910852	15528476	436.455	272.910 #
24)	L5 AR-1248-4	6.591	5.224	32742431	17303876	423.334	257.639 #
25)	L5 AR-1248-5	6.646f	5.622	194.7E6	31456097	2587.986	476.869 #
26)	L6 AR-1254-1	6.562	5.580	20722128	29212171	259.558	291.083
27)	L6 AR-1254-2	6.789	5.729	32905395	6890946	274.733	79.319 #
28)	L6 AR-1254-3	7.156	6.137	11891072	11316083	97.885	80.598
29)	L6 AR-1254-4	7.445	6.367	6723426	5039226	75.603	59.866
30)	L6 AR-1254-5	7.867	6.789	1980230	1987178	20.357	16.753
31)	L7 AR-1260-1	7.322	6.283	2299540	3936803	25.511	42.278 #
32)	L7 AR-1260-2	7.582	6.458	1767824	1006499	17.232	9.180 #
33)	L7 AR-1260-3	7.945	6.612	521894	1191562	6.627	11.585 #
34)	L7 AR-1260-4	8.170	7.090	974022	463709	10.868	5.568 #
35)	L7 AR-1260-5	8.508	7.333	700237	1352473	4.103	7.029 #
36)	L8 AR-1262-1	7.945	6.884	521894	298709	4.509	5.918 #
37)	L8 AR-1262-2	8.508	7.090	700237	463709	3.498	4.105
38)	L8 AR-1262-3	8.850	0.000	671064	0	4.660	N.D. #
39)	L8 AR-1262-4	0.000	7.682	0	778804	N.D.	4.769 #
41)	L9 AR-1268-1	8.850	0.000	671064	0	2.676	N.D. #
42)	L9 AR-1268-2	0.000	7.682	0	778804	N.D.	3.369 #

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 Quant Time: Sep 20 01:39:43 2023
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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	7.911	0	654872	N.D.	3.208 #
45) L9	AR-1268-5	0.000	8.500	0	256843	N.D.	0.407 #

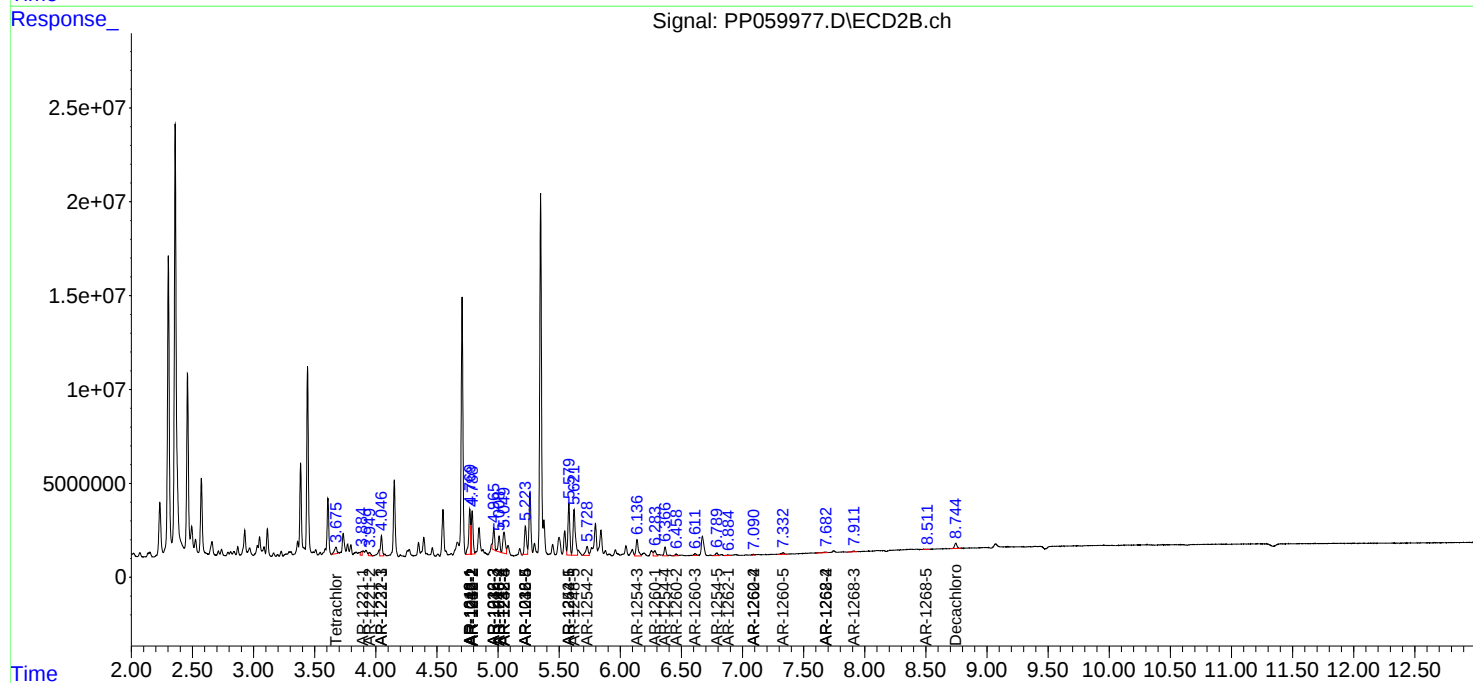
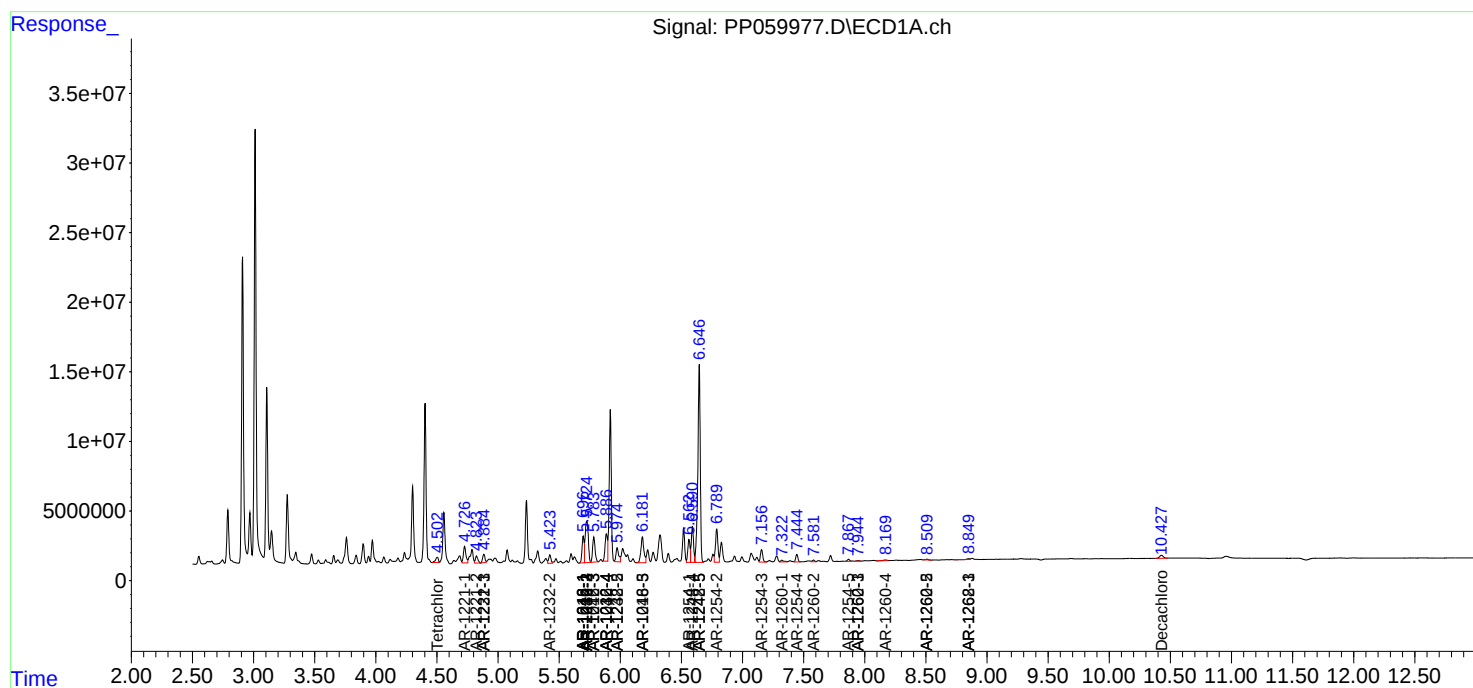
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

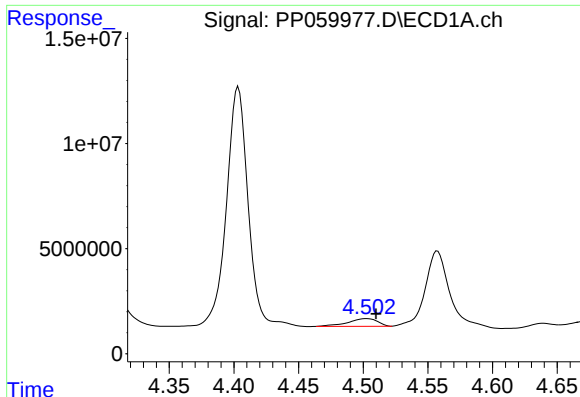
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP091923\
Data File : PP059977.D
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Volume Inj. : 2 µl
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

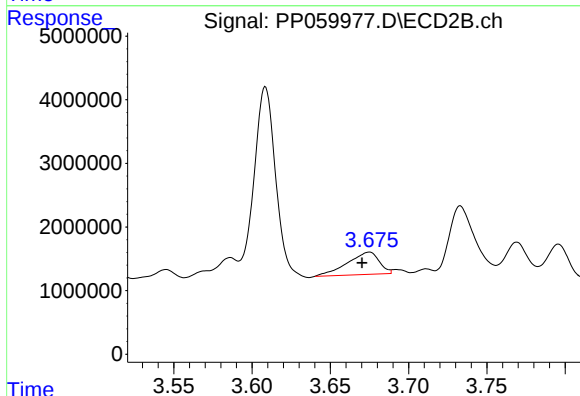




#1 Tetrachloro-m-xylene

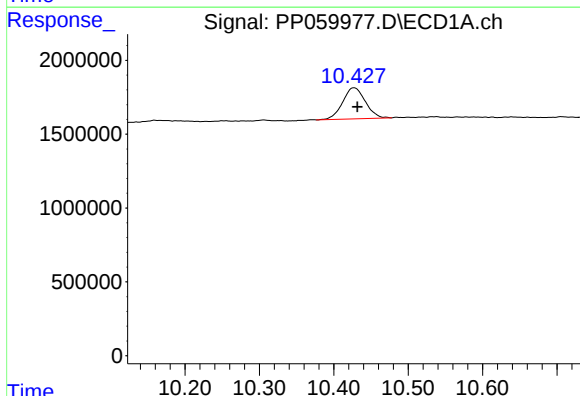
R.T.: 4.503 min
Delta R.T.: -0.007 min
Response: 5809104
Conc: 2.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



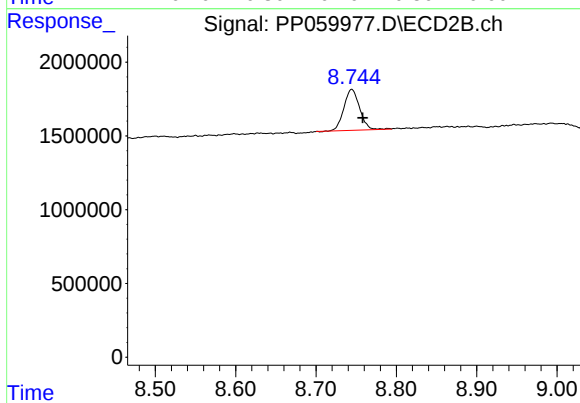
#1 Tetrachloro-m-xylene

R.T.: 3.675 min
Delta R.T.: 0.005 min
Response: 4935521
Conc: 3.03 ng/ml



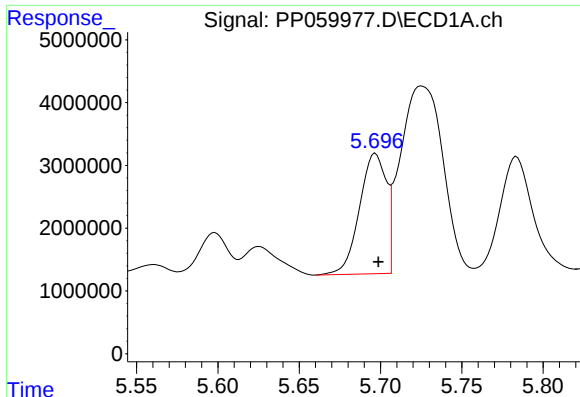
#2 Decachlorobiphenyl

R.T.: 10.427 min
Delta R.T.: -0.005 min
Response: 4462130
Conc: 2.93 ng/ml



#2 Decachlorobiphenyl

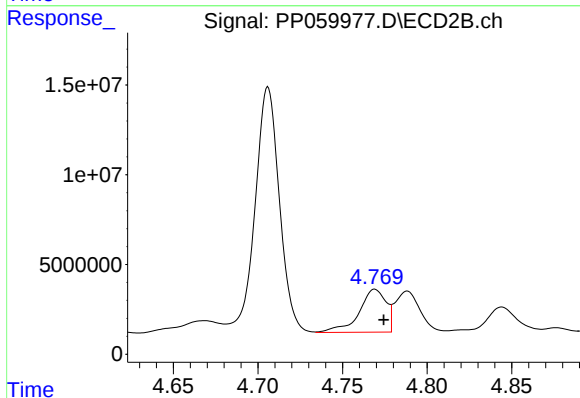
R.T.: 8.745 min
Delta R.T.: -0.014 min
Response: 3806711
Conc: 2.51 ng/ml



#3 AR-1016-1

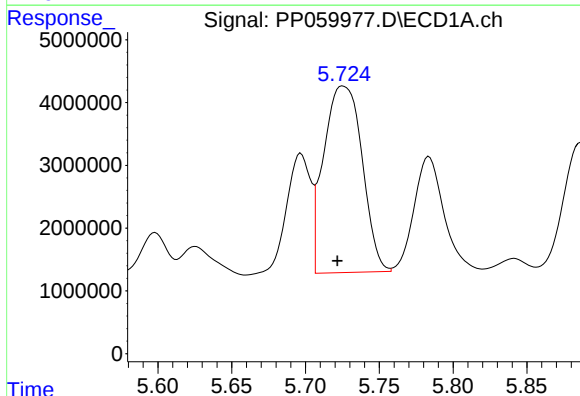
R.T.: 5.697 min
Delta R.T.: -0.002 min
Response: 21995935
Conc: 325.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



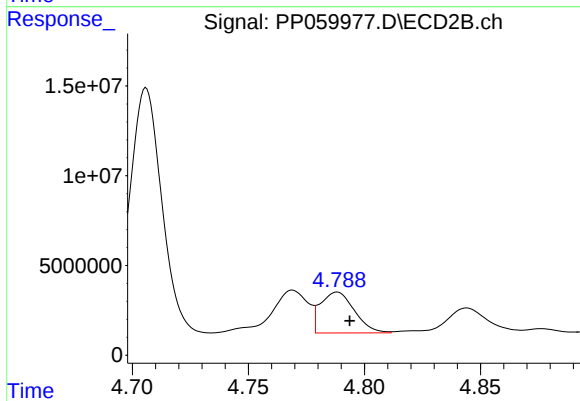
#3 AR-1016-1

R.T.: 4.769 min
Delta R.T.: -0.005 min
Response: 26673511
Conc: 443.70 ng/ml



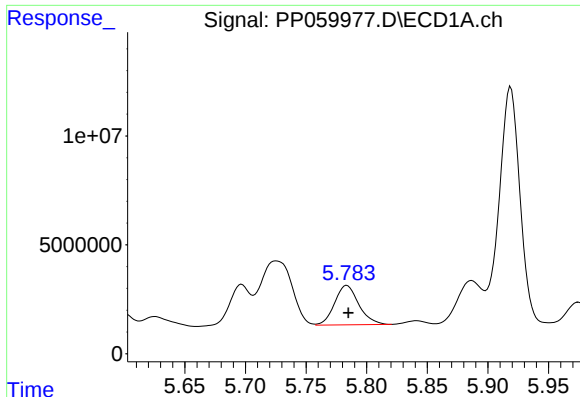
#4 AR-1016-2

R.T.: 5.725 min
Delta R.T.: 0.004 min
Response: 53759362
Conc: 561.98 ng/ml



#4 AR-1016-2

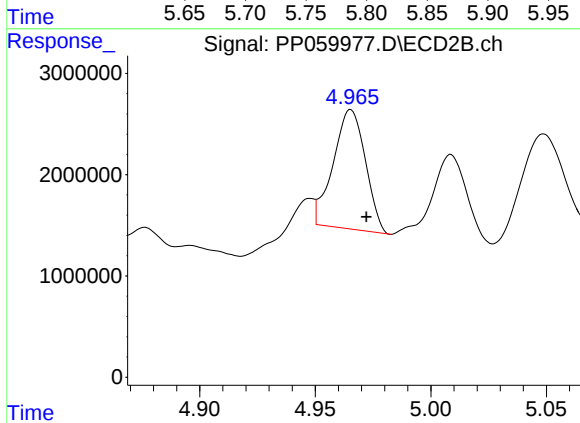
R.T.: 4.788 min
Delta R.T.: -0.005 min
Response: 23171675
Conc: 279.17 ng/ml



#5 AR-1016-3

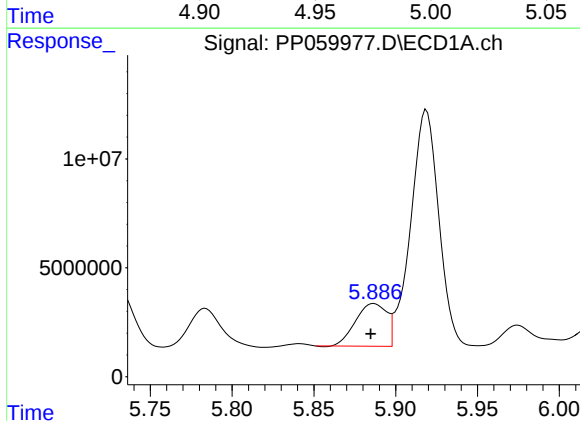
R.T.: 5.784 min
Delta R.T.: -0.001 min
Response: 25202883
Conc: 423.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



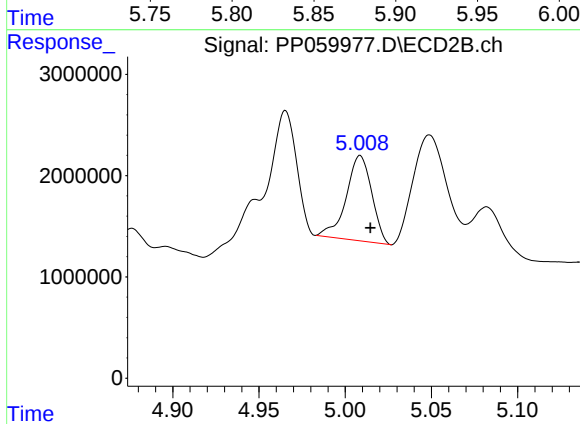
#5 AR-1016-3

R.T.: 4.965 min
Delta R.T.: -0.007 min
Response: 11424109
Conc: 254.67 ng/ml



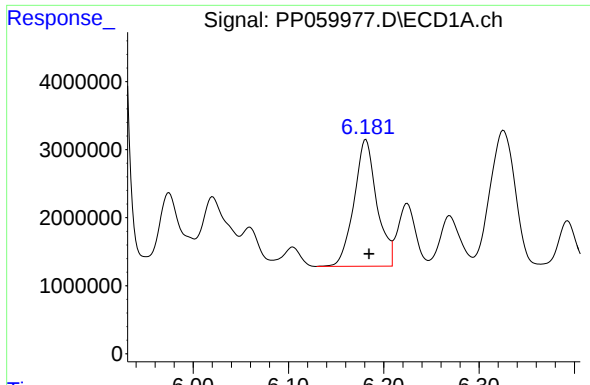
#6 AR-1016-4

R.T.: 5.887 min
Delta R.T.: 0.002 min
Response: 25985271
Conc: 530.68 ng/ml



#6 AR-1016-4

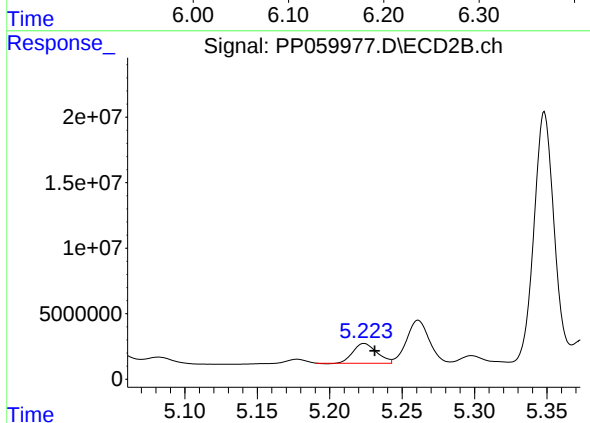
R.T.: 5.009 min
Delta R.T.: -0.006 min
Response: 8671095
Conc: 245.79 ng/ml



#7 AR-1016-5

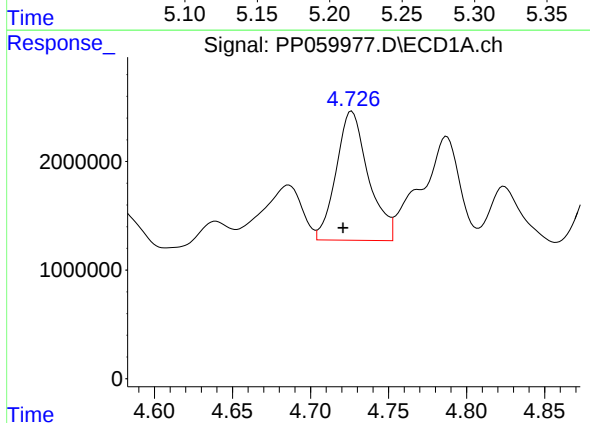
R.T.: 6.181 min
Delta R.T.: -0.003 min
Response: 30910852
Conc: 628.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



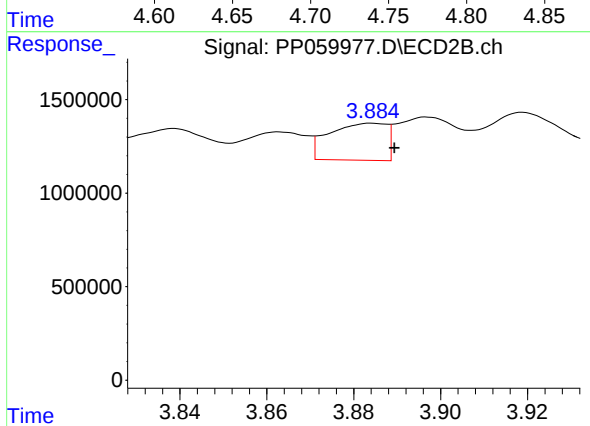
#7 AR-1016-5

R.T.: 5.224 min
Delta R.T.: -0.007 min
Response: 17303876
Conc: 372.15 ng/ml



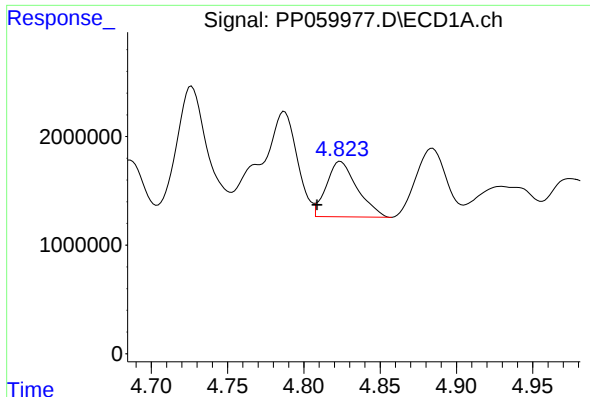
#8 AR-1221-1

R.T.: 4.726 min
Delta R.T.: 0.006 min
Response: 17066961
Conc: 642.02 ng/ml



#8 AR-1221-1

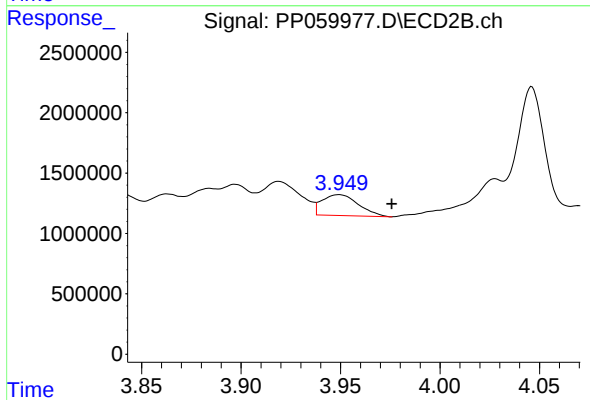
R.T.: 3.884 min
Delta R.T.: -0.005 min
Response: 1806485
Conc: 82.24 ng/ml



#9 AR-1221-2

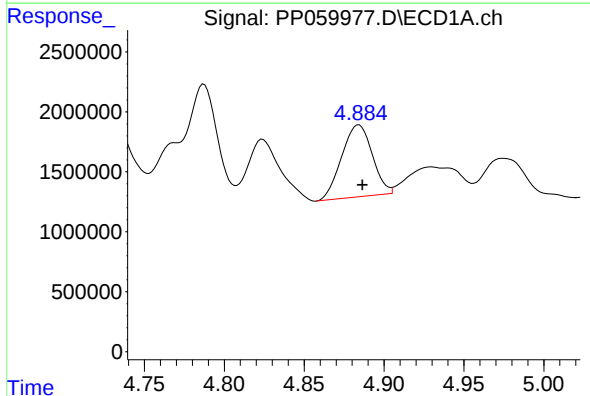
R.T.: 4.824 min
Delta R.T.: 0.015 min
Response: 7206758
Conc: 366.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



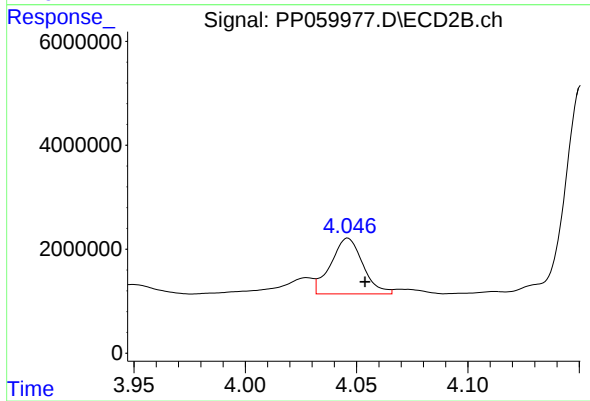
#9 AR-1221-2

R.T.: 3.949 min
Delta R.T.: -0.026 min
Response: 2193223
Conc: 142.06 ng/ml



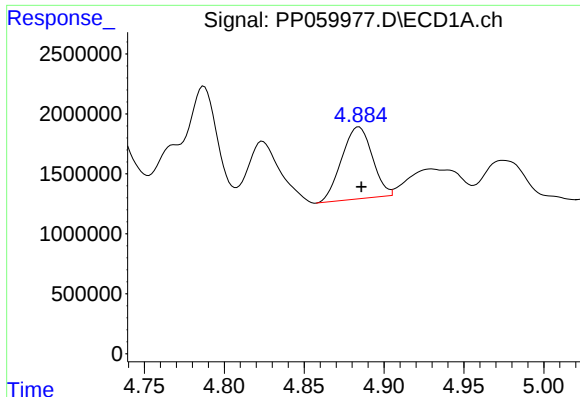
#10 AR-1221-3

R.T.: 4.884 min
Delta R.T.: -0.002 min
Response: 8001320
Conc: 140.08 ng/ml



#10 AR-1221-3

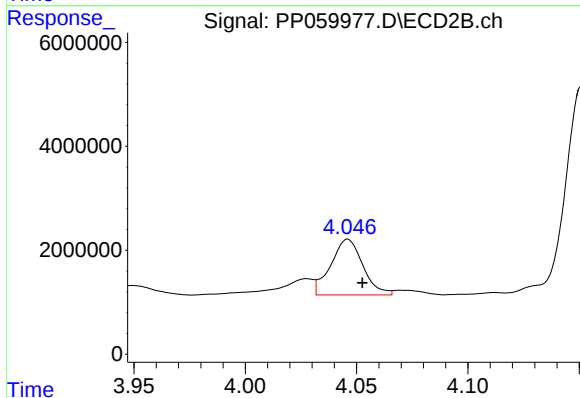
R.T.: 4.046 min
Delta R.T.: -0.008 min
Response: 10762316
Conc: 229.46 ng/ml



#11 AR-1232-1

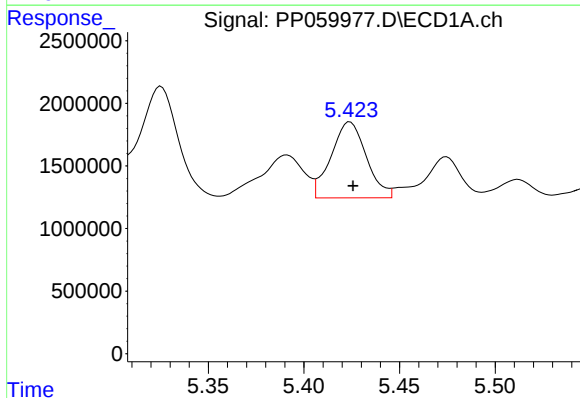
R.T.: 4.884 min
Delta R.T.: -0.002 min
Response: 8001320
Conc: 171.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



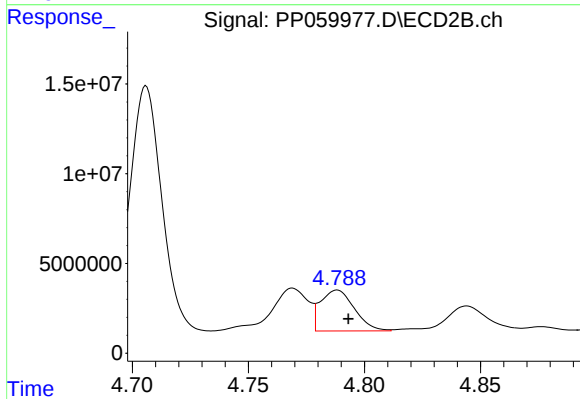
#11 AR-1232-1

R.T.: 4.046 min
Delta R.T.: -0.007 min
Response: 10762316
Conc: 283.12 ng/ml



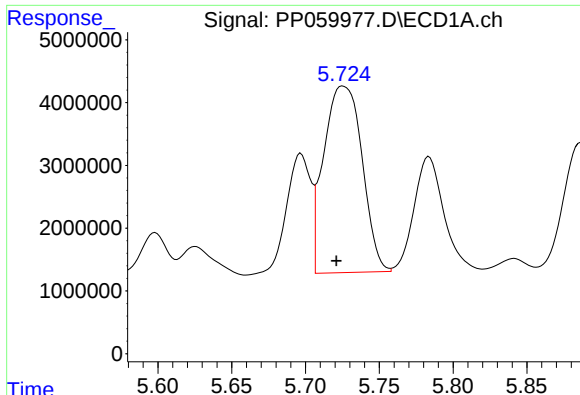
#12 AR-1232-2

R.T.: 5.424 min
Delta R.T.: -0.002 min
Response: 7804419
Conc: 307.28 ng/ml



#12 AR-1232-2

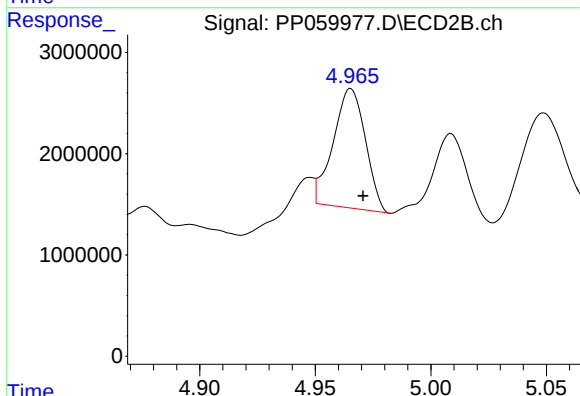
R.T.: 4.788 min
Delta R.T.: -0.005 min
Response: 23171675
Conc: 628.42 ng/ml



#13 AR-1232-3

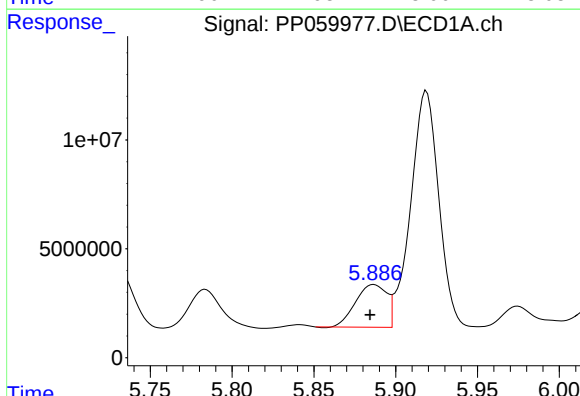
R.T.: 5.725 min
Delta R.T.: 0.005 min
Response: 53759362
Conc: 1244.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



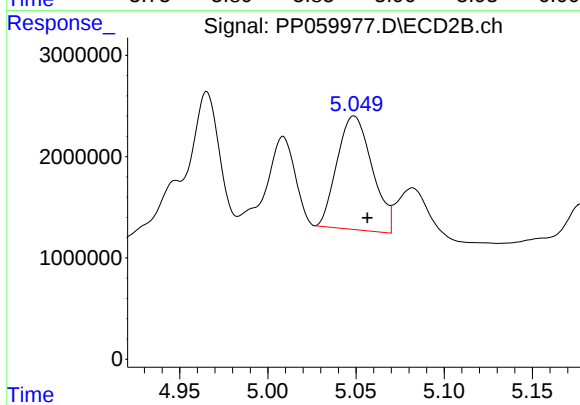
#13 AR-1232-3

R.T.: 4.965 min
Delta R.T.: -0.005 min
Response: 11424109
Conc: 570.54 ng/ml



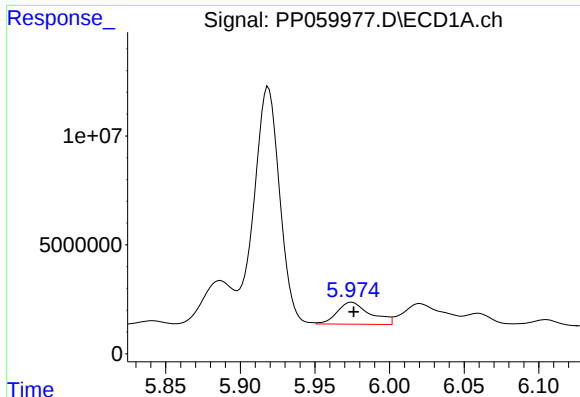
#14 AR-1232-4

R.T.: 5.887 min
Delta R.T.: 0.002 min
Response: 25985271
Conc: 1175.65 ng/ml



#14 AR-1232-4

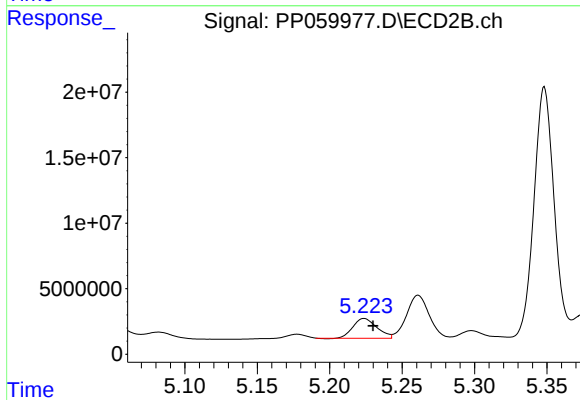
R.T.: 5.049 min
Delta R.T.: -0.008 min
Response: 15528476
Conc: 850.10 ng/ml



#15 AR-1232-5

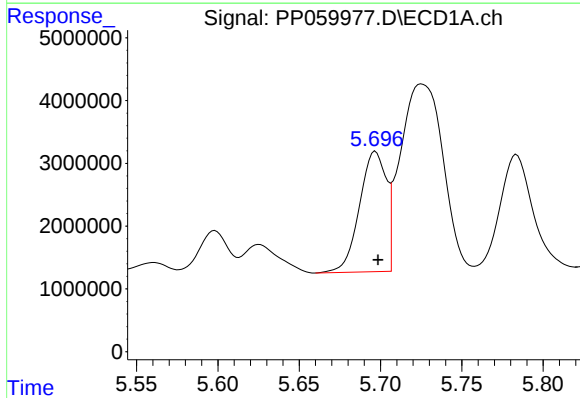
R.T.: 5.975 min
Delta R.T.: -0.002 min
Response: 15547734
Conc: 847.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



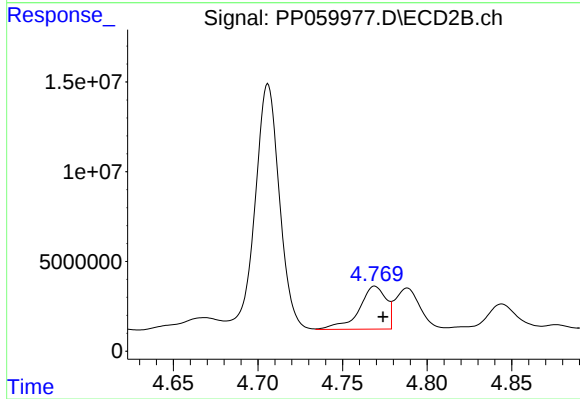
#15 AR-1232-5

R.T.: 5.224 min
Delta R.T.: -0.006 min
Response: 17303876
Conc: 863.07 ng/ml



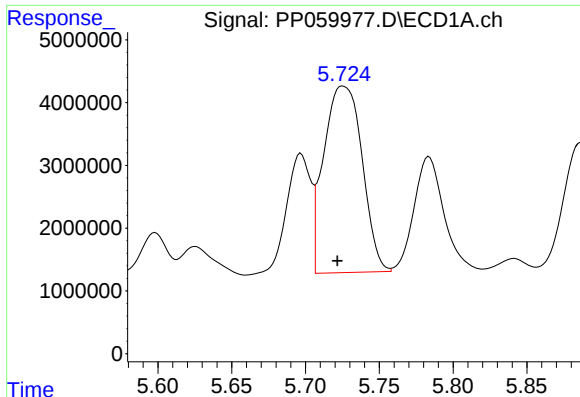
#16 AR-1242-1

R.T.: 5.697 min
Delta R.T.: -0.002 min
Response: 21995935
Conc: 368.28 ng/ml



#16 AR-1242-1

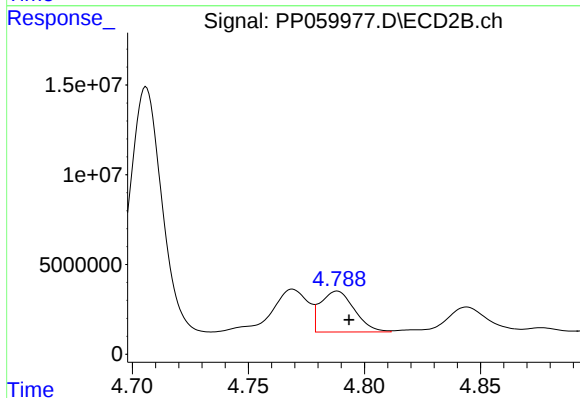
R.T.: 4.769 min
Delta R.T.: -0.005 min
Response: 26673511
Conc: 506.51 ng/ml



#17 AR-1242-2

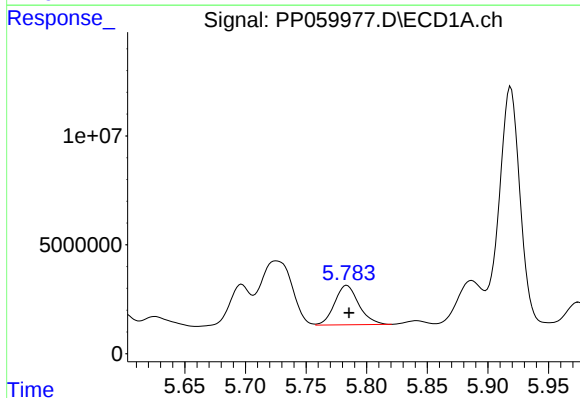
R.T.: 5.725 min
Delta R.T.: 0.004 min
Response: 53759362
Conc: 639.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



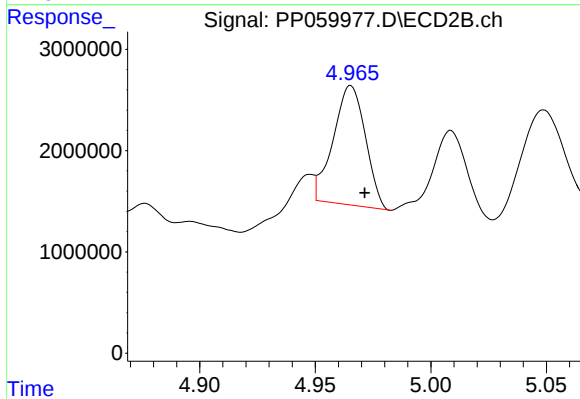
#17 AR-1242-2

R.T.: 4.788 min
Delta R.T.: -0.005 min
Response: 23171675
Conc: 321.58 ng/ml



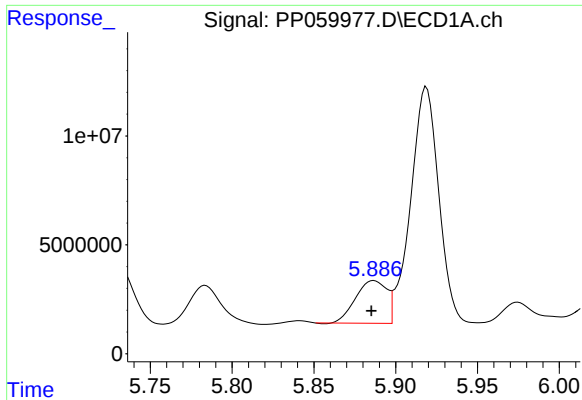
#18 AR-1242-3

R.T.: 5.784 min
Delta R.T.: -0.002 min
Response: 25202883
Conc: 481.88 ng/ml



#18 AR-1242-3

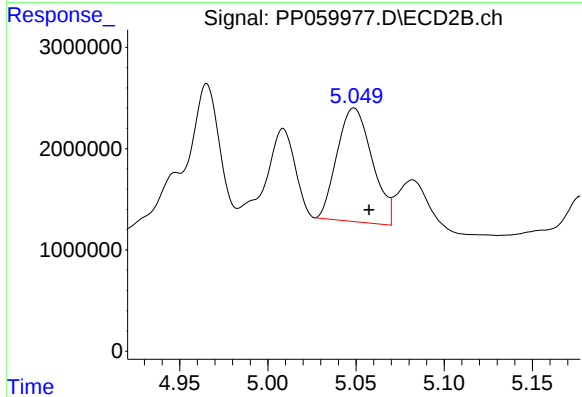
R.T.: 4.965 min
Delta R.T.: -0.006 min
Response: 11424109
Conc: 291.93 ng/ml



#19 AR-1242-4

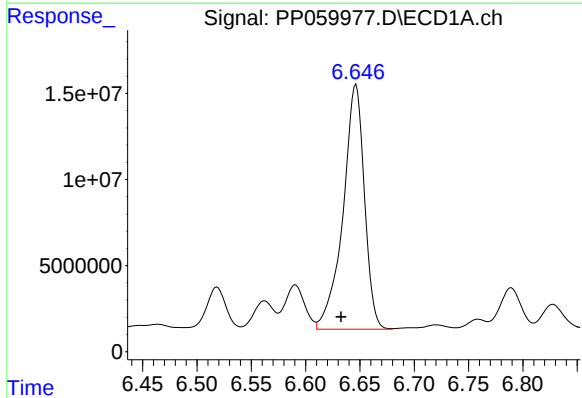
R.T.: 5.887 min
Delta R.T.: 0.001 min
Response: 25985271
Conc: 603.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



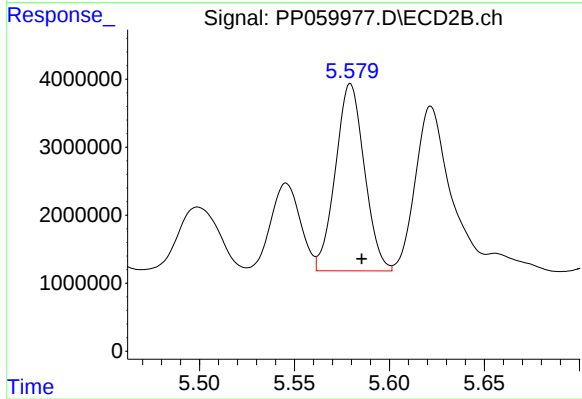
#19 AR-1242-4

R.T.: 5.049 min
Delta R.T.: -0.008 min
Response: 15528476
Conc: 396.24 ng/ml



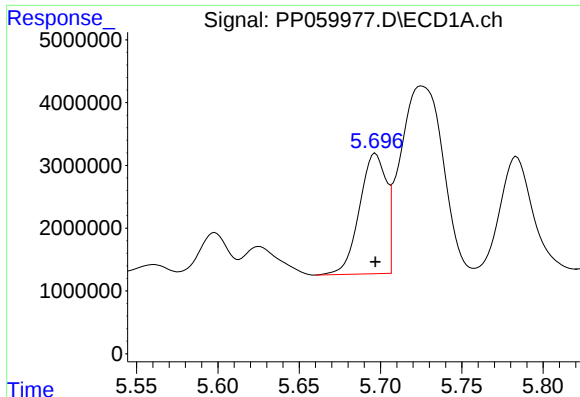
#20 AR-1242-5

R.T.: 6.646 min
Delta R.T.: 0.014 min
Response: 194720805
Conc: 4259.03 ng/ml



#20 AR-1242-5

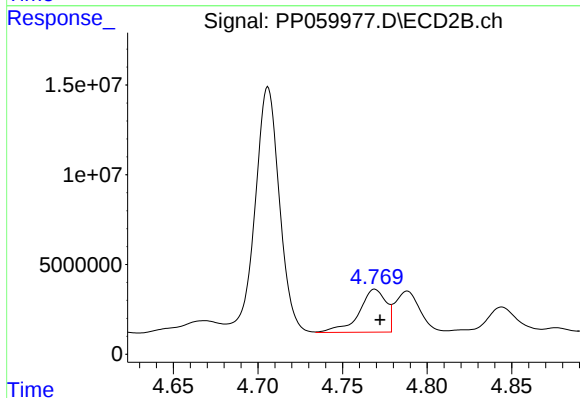
R.T.: 5.580 min
Delta R.T.: -0.006 min
Response: 29212171
Conc: 603.81 ng/ml



#21 AR-1248-1

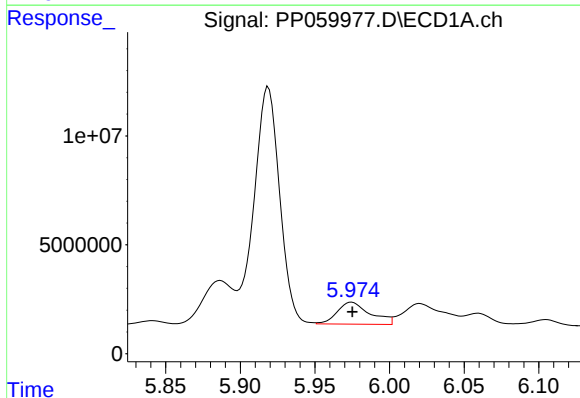
R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 21995935
Conc: 492.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



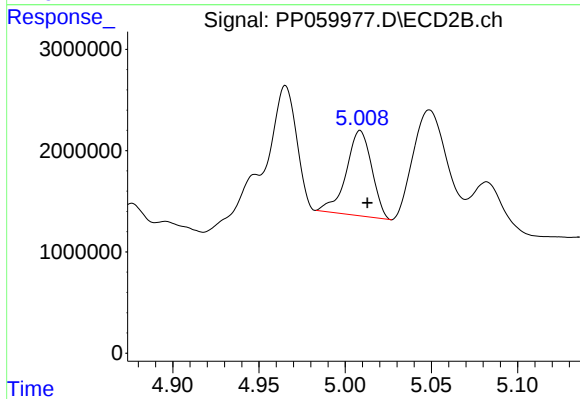
#21 AR-1248-1

R.T.: 4.769 min
Delta R.T.: -0.003 min
Response: 26673511
Conc: 682.66 ng/ml



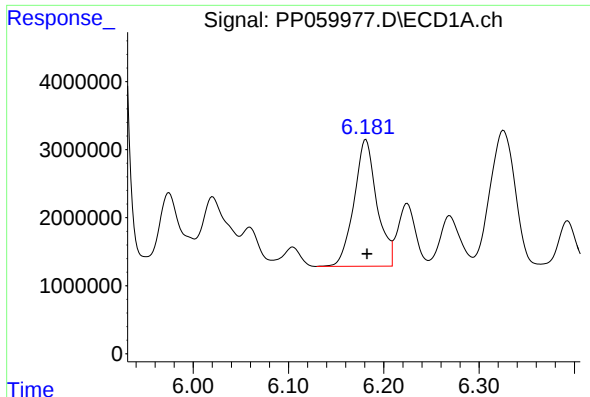
#22 AR-1248-2

R.T.: 5.975 min
Delta R.T.: 0.000 min
Response: 15547734
Conc: 240.07 ng/ml



#22 AR-1248-2

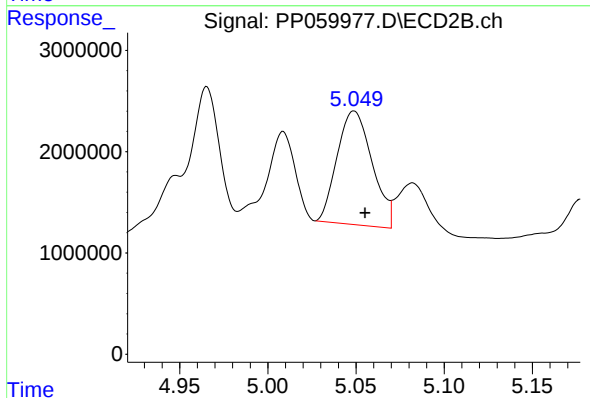
R.T.: 5.009 min
Delta R.T.: -0.004 min
Response: 8671095
Conc: 160.03 ng/ml



#23 AR-1248-3

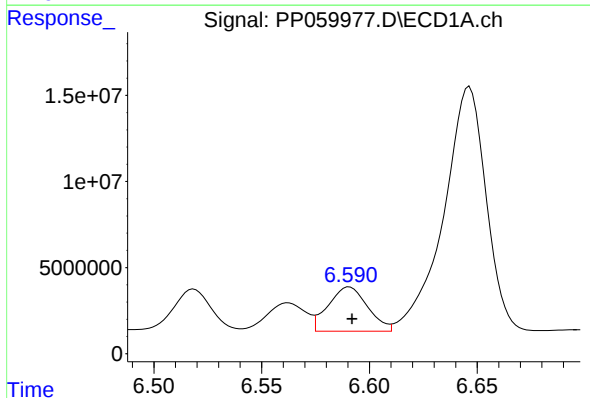
R.T.: 6.181 min
Delta R.T.: -0.001 min
Response: 30910852
Conc: 436.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



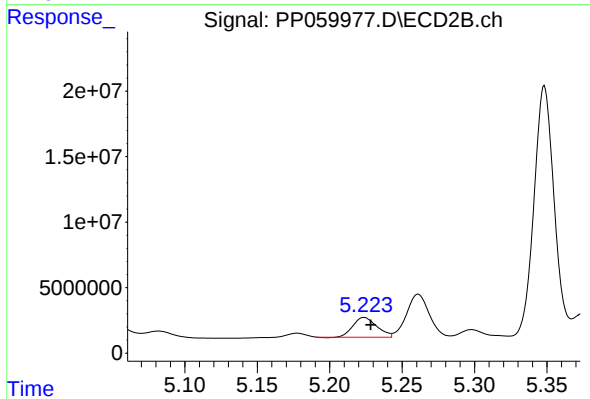
#23 AR-1248-3

R.T.: 5.049 min
Delta R.T.: -0.006 min
Response: 15528476
Conc: 272.91 ng/ml



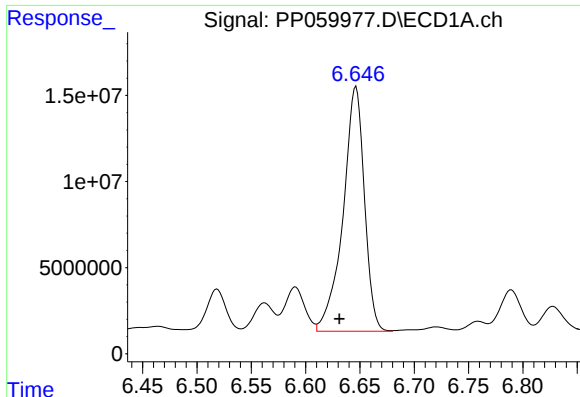
#24 AR-1248-4

R.T.: 6.591 min
Delta R.T.: -0.001 min
Response: 32742431
Conc: 423.33 ng/ml



#24 AR-1248-4

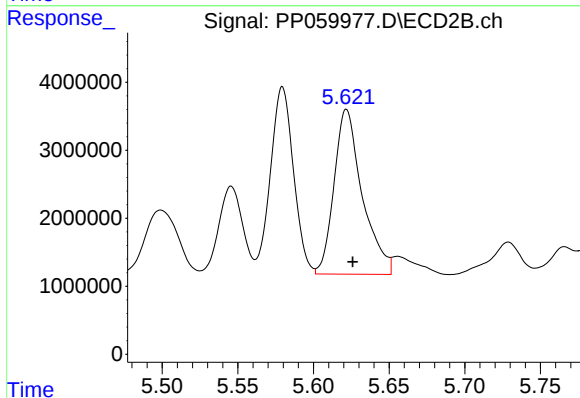
R.T.: 5.224 min
Delta R.T.: -0.005 min
Response: 17303876
Conc: 257.64 ng/ml



#25 AR-1248-5

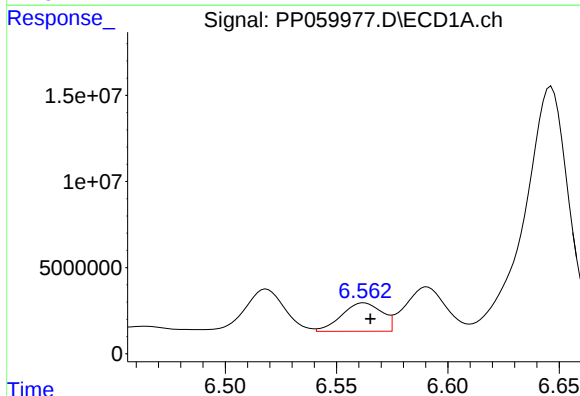
R.T.: 6.646 min
Delta R.T.: 0.015 min
Response: 194720805
Conc: 2587.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



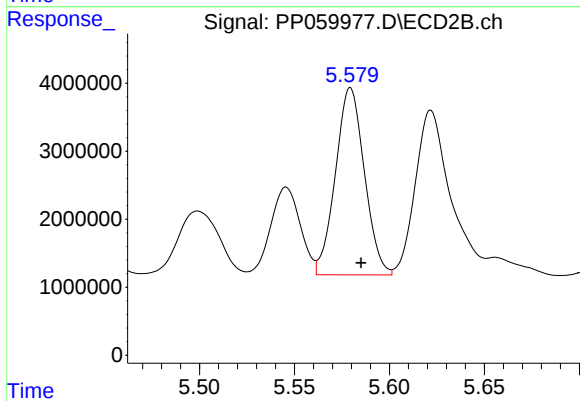
#25 AR-1248-5

R.T.: 5.622 min
Delta R.T.: -0.004 min
Response: 31456097
Conc: 476.87 ng/ml



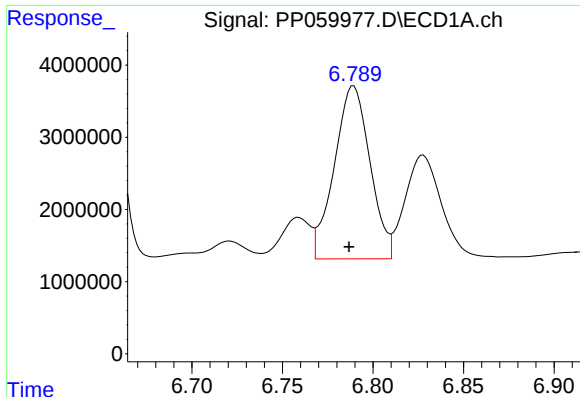
#26 AR-1254-1

R.T.: 6.562 min
Delta R.T.: -0.003 min
Response: 20722128
Conc: 259.56 ng/ml



#26 AR-1254-1

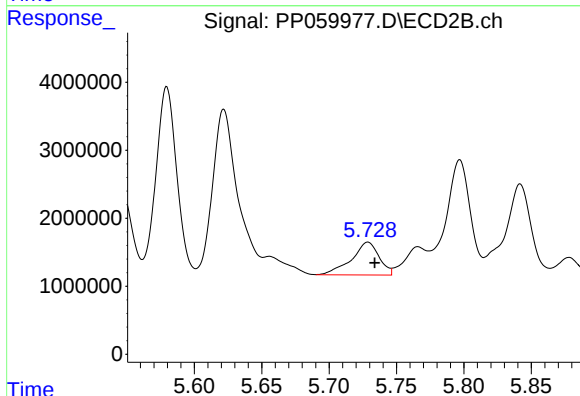
R.T.: 5.580 min
Delta R.T.: -0.006 min
Response: 29212171
Conc: 291.08 ng/ml



#27 AR-1254-2

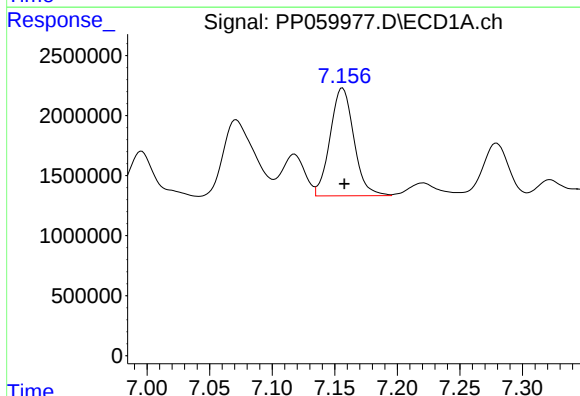
R.T.: 6.789 min
Delta R.T.: 0.002 min
Response: 32905395
Conc: 274.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



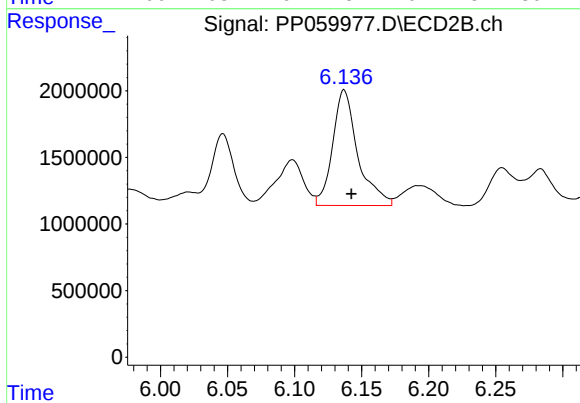
#27 AR-1254-2

R.T.: 5.729 min
Delta R.T.: -0.005 min
Response: 6890946
Conc: 79.32 ng/ml



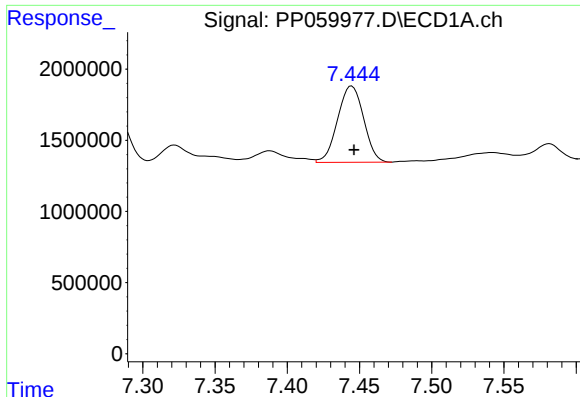
#28 AR-1254-3

R.T.: 7.156 min
Delta R.T.: -0.002 min
Response: 11891072
Conc: 97.88 ng/ml



#28 AR-1254-3

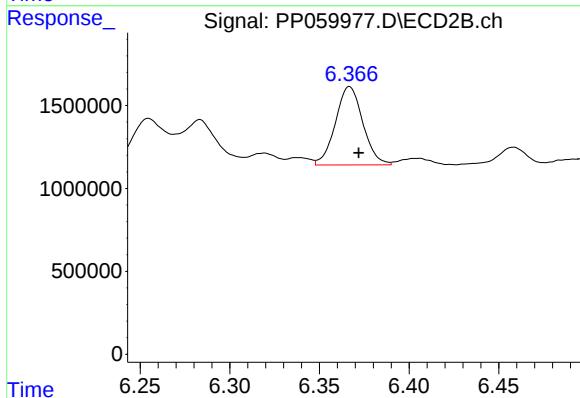
R.T.: 6.137 min
Delta R.T.: -0.005 min
Response: 11316083
Conc: 80.60 ng/ml



#29 AR-1254-4

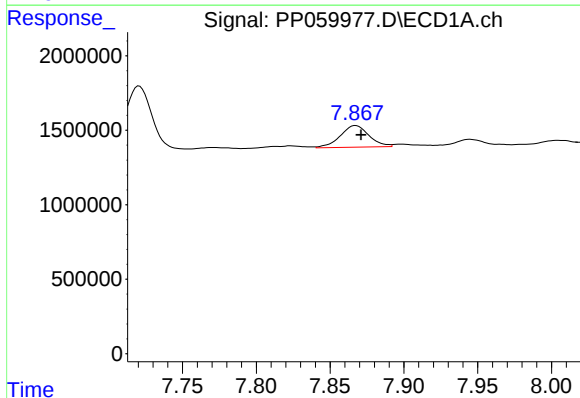
R.T.: 7.445 min
Delta R.T.: -0.002 min
Response: 6723426
Conc: 75.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



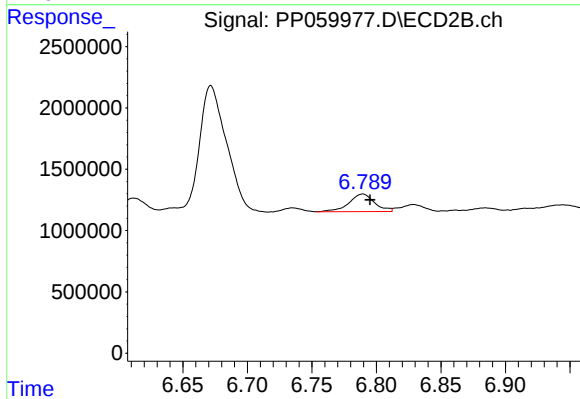
#29 AR-1254-4

R.T.: 6.367 min
Delta R.T.: -0.005 min
Response: 5039226
Conc: 59.87 ng/ml



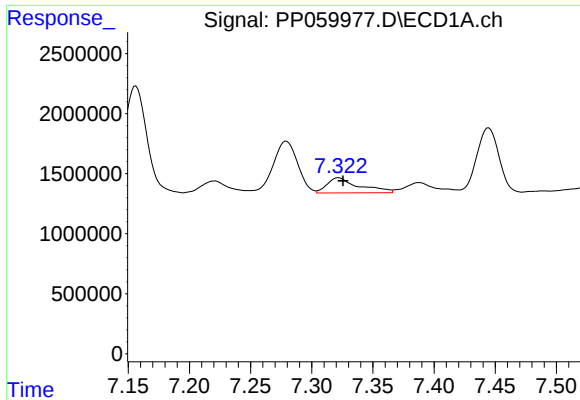
#30 AR-1254-5

R.T.: 7.867 min
Delta R.T.: -0.004 min
Response: 1980230
Conc: 20.36 ng/ml



#30 AR-1254-5

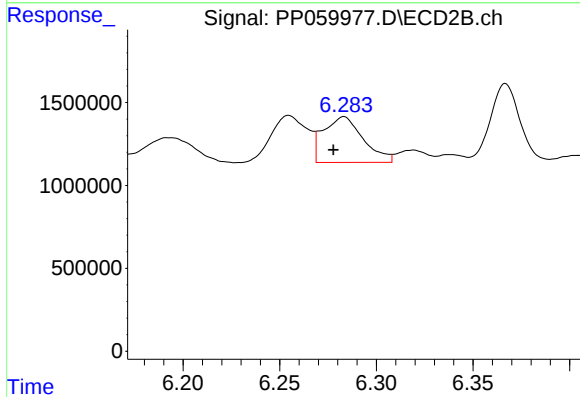
R.T.: 6.789 min
Delta R.T.: -0.006 min
Response: 1987178
Conc: 16.75 ng/ml



#31 AR-1260-1

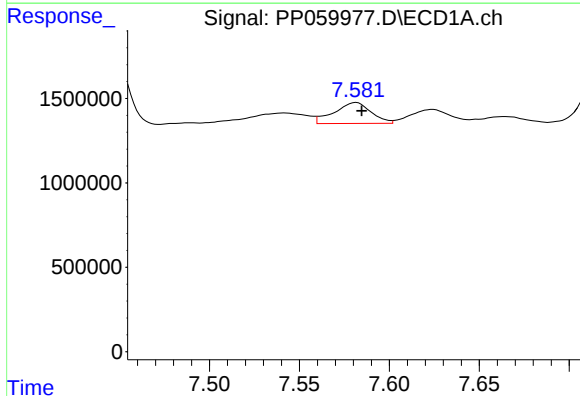
R.T.: 7.322 min
Delta R.T.: -0.003 min
Response: 2299540
Conc: 25.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



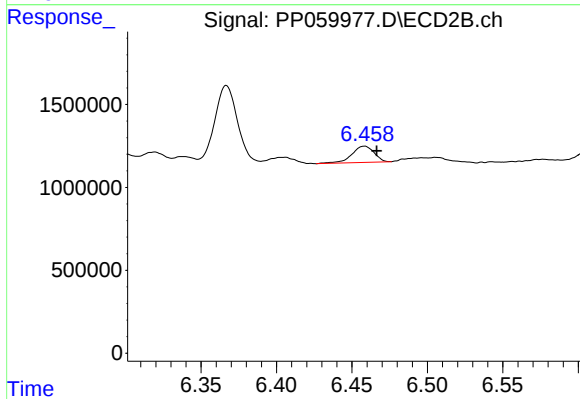
#31 AR-1260-1

R.T.: 6.283 min
Delta R.T.: 0.005 min
Response: 3936803
Conc: 42.28 ng/ml



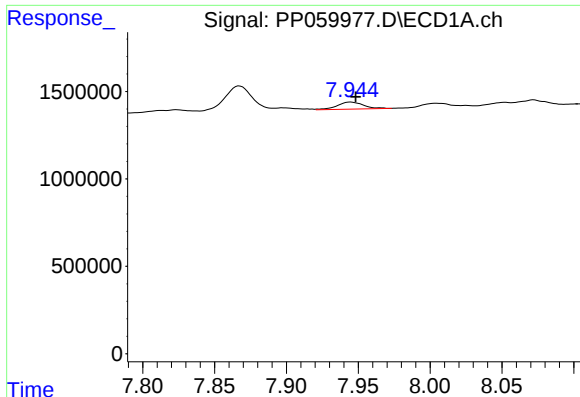
#32 AR-1260-2

R.T.: 7.582 min
Delta R.T.: -0.003 min
Response: 1767824
Conc: 17.23 ng/ml



#32 AR-1260-2

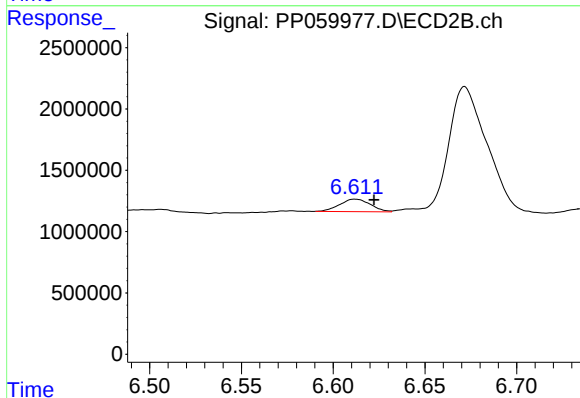
R.T.: 6.458 min
Delta R.T.: -0.008 min
Response: 1006499
Conc: 9.18 ng/ml



#33 AR-1260-3

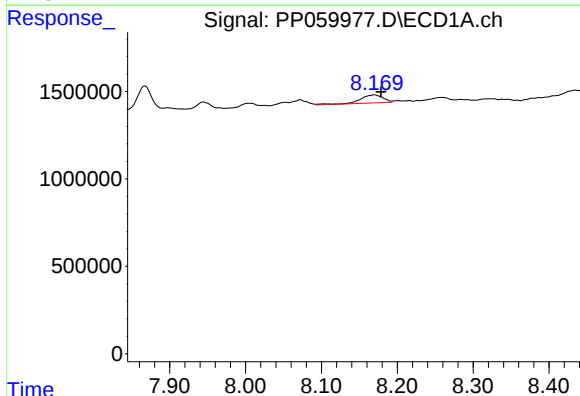
R.T.: 7.945 min
Delta R.T.: -0.004 min
Response: 521894
Conc: 6.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



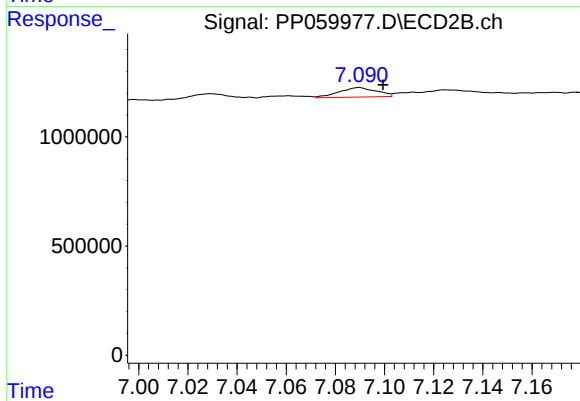
#33 AR-1260-3

R.T.: 6.612 min
Delta R.T.: -0.010 min
Response: 1191562
Conc: 11.58 ng/ml



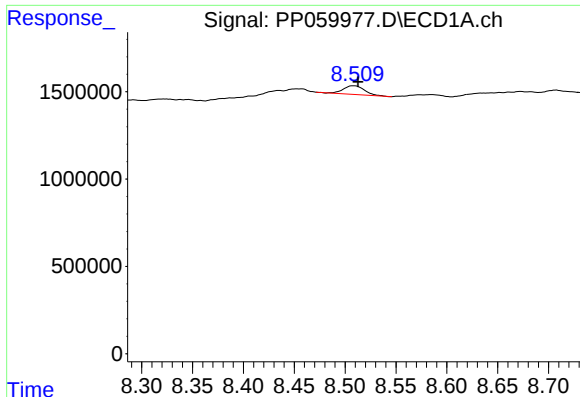
#34 AR-1260-4

R.T.: 8.170 min
Delta R.T.: -0.009 min
Response: 974022
Conc: 10.87 ng/ml



#34 AR-1260-4

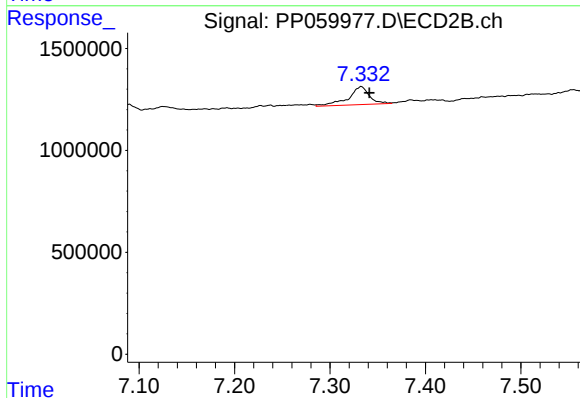
R.T.: 7.090 min
Delta R.T.: -0.010 min
Response: 463709
Conc: 5.57 ng/ml



#35 AR-1260-5

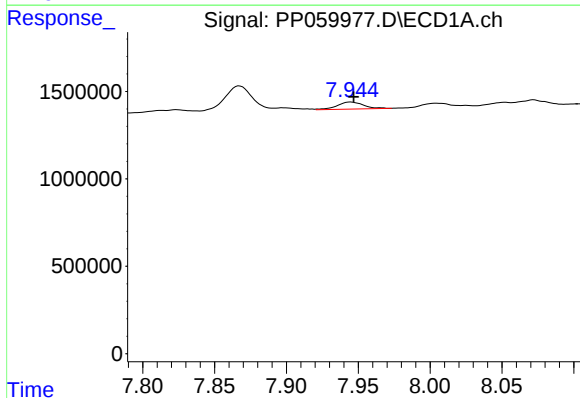
R.T.: 8.508 min
Delta R.T.: -0.005 min
Response: 700237
Conc: 4.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



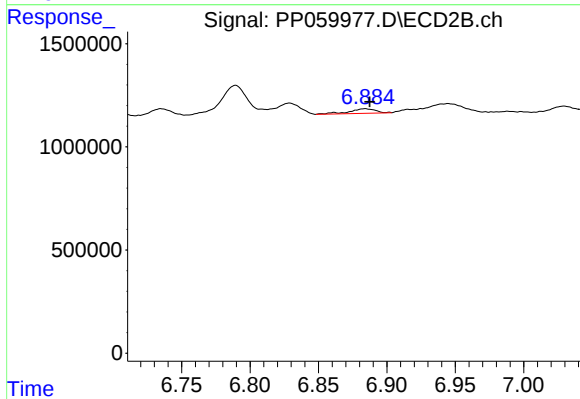
#35 AR-1260-5

R.T.: 7.333 min
Delta R.T.: -0.009 min
Response: 1352473
Conc: 7.03 ng/ml



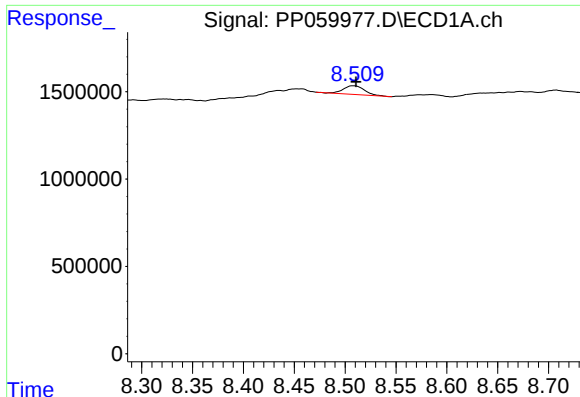
#36 AR-1262-1

R.T.: 7.945 min
Delta R.T.: -0.002 min
Response: 521894
Conc: 4.51 ng/ml



#36 AR-1262-1

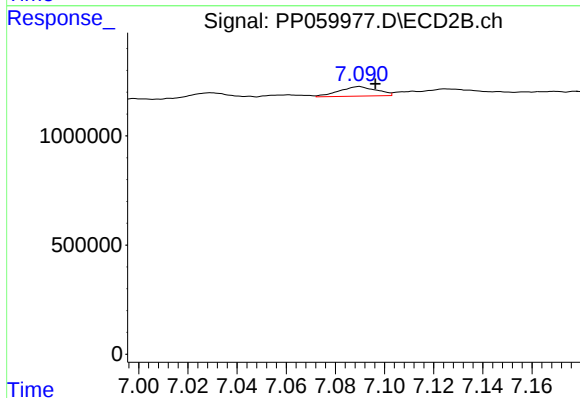
R.T.: 6.884 min
Delta R.T.: -0.003 min
Response: 298709
Conc: 5.92 ng/ml



#37 AR-1262-2

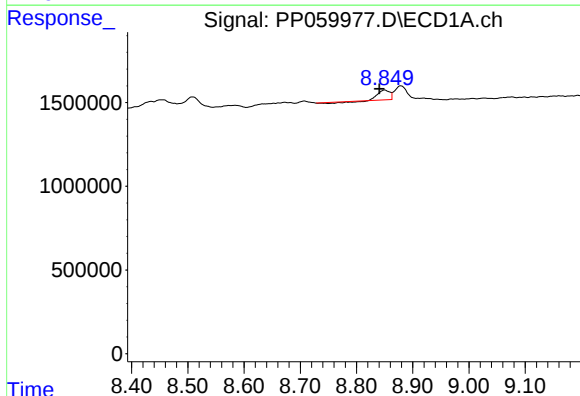
R.T.: 8.508 min
Delta R.T.: -0.003 min
Response: 700237
Conc: 3.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



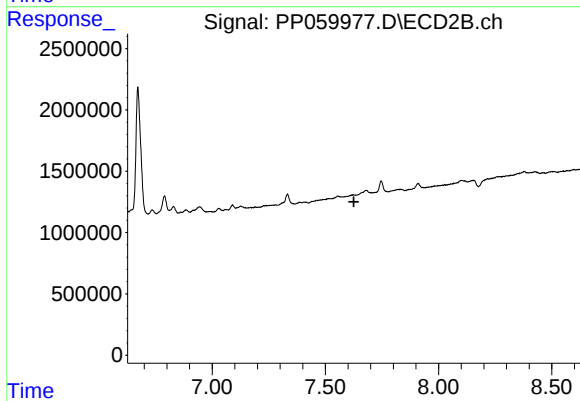
#37 AR-1262-2

R.T.: 7.090 min
Delta R.T.: -0.007 min
Response: 463709
Conc: 4.10 ng/ml



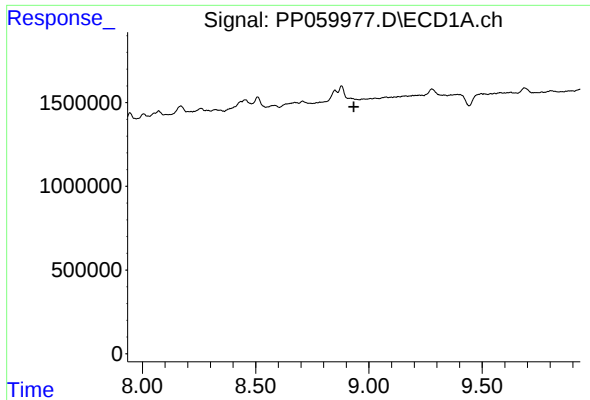
#38 AR-1262-3

R.T.: 8.850 min
Delta R.T.: 0.009 min
Response: 671064
Conc: 4.66 ng/ml



#38 AR-1262-3

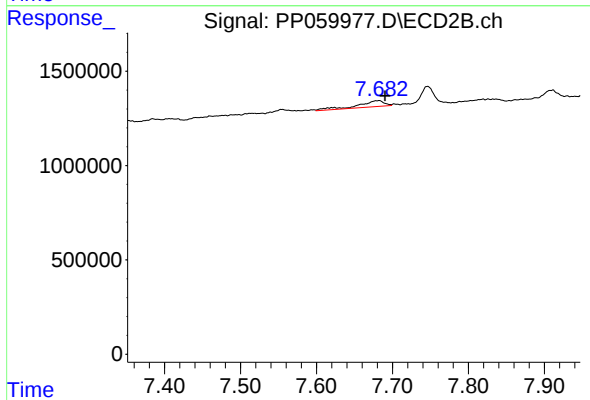
R.T.: 0.000 min
Exp R.T. : 7.626 min
Response: 0
Conc: N.D.



#39 AR-1262-4

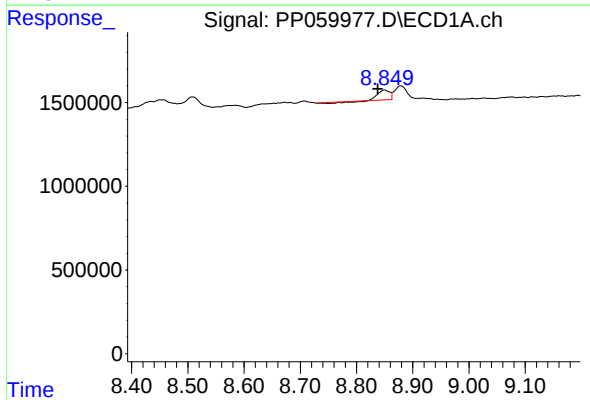
R.T.: 0.000 min
Exp R.T.: 8.934 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



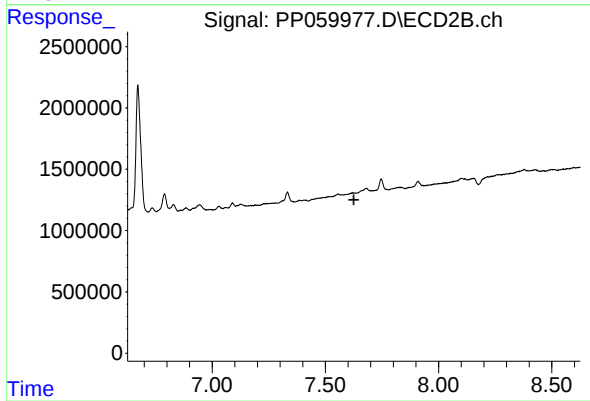
#39 AR-1262-4

R.T.: 7.682 min
Delta R.T.: -0.008 min
Response: 778804
Conc: 4.77 ng/ml



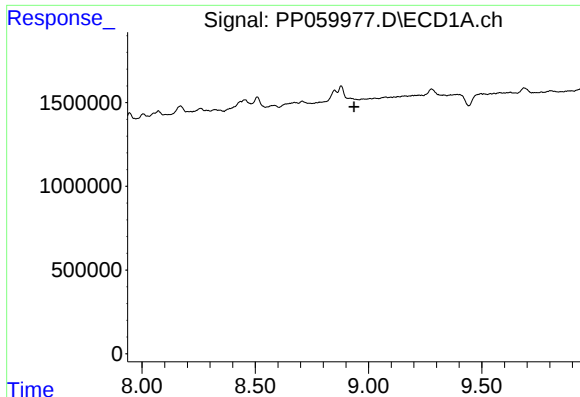
#41 AR-1268-1

R.T.: 8.850 min
Delta R.T.: 0.012 min
Response: 671064
Conc: 2.68 ng/ml



#41 AR-1268-1

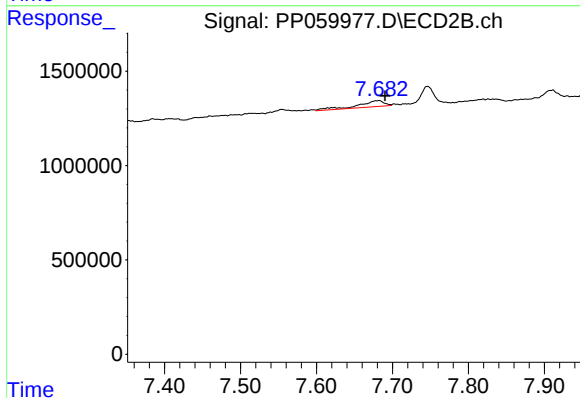
R.T.: 0.000 min
Exp R.T.: 7.626 min
Response: 0
Conc: N.D.



#42 AR-1268-2

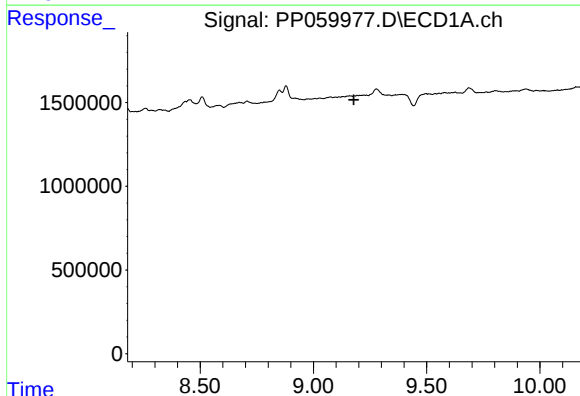
R.T.: 0.000 min
Exp R.T.: 8.936 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



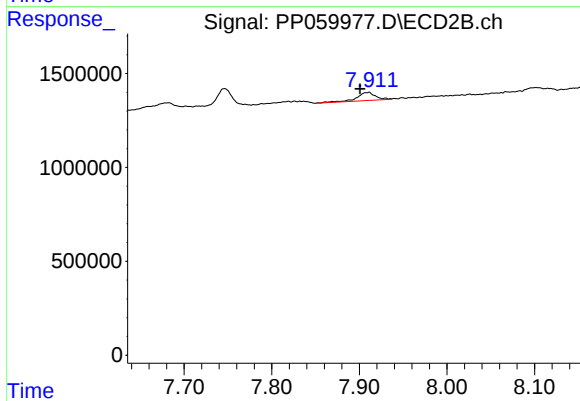
#42 AR-1268-2

R.T.: 7.682 min
Delta R.T.: -0.008 min
Response: 778804
Conc: 3.37 ng/ml



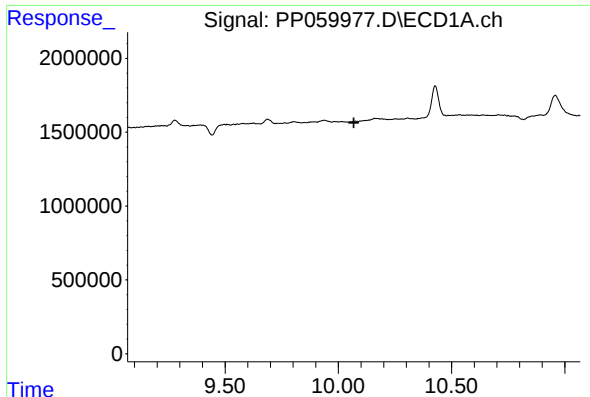
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 9.178 min
Response: 0
Conc: N.D.



#43 AR-1268-3

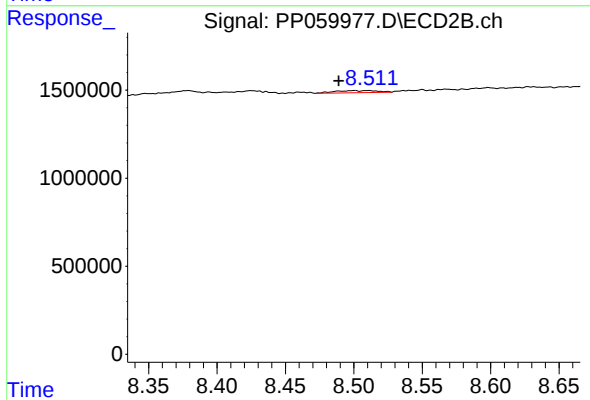
R.T.: 7.911 min
Delta R.T.: 0.010 min
Response: 654872
Conc: 3.21 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.069 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.500 min
Delta R.T.: 0.011 min
Response: 256843
Conc: 0.41 ng/ml