

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022423\
 Data File : PP055948.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2023 19:34
 Operator : YP\AJ
 Sample : 01627-07
 Misc : AR1242 LOD 40 PPB
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 00:43:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Feb 20 05:24:03 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...	4.322	3.566	36670686	28102698	22.759	19.246
2)	SA Decachlor...	10.064	8.567	45293654	27112606	22.203	23.898
Target Compounds							
3)	L1 AR-1016-1	5.491	4.647	2437677	1572319	40.850	34.917
4)	L1 AR-1016-2	5.515	4.666	3467711	2103436	39.636	32.389
5)	L1 AR-1016-3	5.575	4.842	2384457	1163040	42.925	33.466
6)	L1 AR-1016-4	5.675	4.884	1672454	1040608	37.531	34.814
7)	L1 AR-1016-5	5.971	5.097	1943404	1389169	40.249	35.139
8)	L2 AR-1221-1	4.529	3.776	798024	217456	38.340	12.106 #
9)	L2 AR-1221-2	4.627	3.863	766080	973643	48.161	74.135 #
10)	L2 AR-1221-3	4.693	3.939	1434825	1001470	29.576	23.994
11)	L3 AR-1232-1	4.693	3.939	1434825	1001470	36.224	29.091
12)	L3 AR-1232-2	5.224	4.666	1791351	2103436	86.241	71.667
13)	L3 AR-1232-3	5.515	4.842	3467711	1163040	88.005	76.529
14)	L3 AR-1232-4	5.675	4.925	1672454	1302845	85.374	85.942
15)	L3 AR-1232-5	5.767	5.097	1531810	1389169	95.778	84.749
16)	L4 AR-1242-1	5.491	4.647	2437677	1572319	50.484	42.734
17)	L4 AR-1242-2	5.515	4.666	3467711	2103436	48.800	39.935
18)	L4 AR-1242-3	5.575	4.842	2384457	1163040	53.446	41.082
19)	L4 AR-1242-4	5.675	4.925	1672454	1302845	46.289	42.228
20)	L4 AR-1242-5	6.414	5.448	2245539	1412728	53.607	42.412
21)	L5 AR-1248-1	5.491	4.647	2437677	1572319	67.000	56.299
22)	L5 AR-1248-2	5.767	4.884	1531810	1040608	26.623	24.461
23)	L5 AR-1248-3	5.971	4.925	1943404	1302845	29.908	29.276
24)	L5 AR-1248-4	6.376	5.097	2058344	1389169	28.370	27.131
25)	L5 AR-1248-5	6.414	5.489	2245539	1212279	31.682	27.504
26)	L6 AR-1254-1	6.349	5.448	1538488	1412728	20.926	19.202
27)	L6 AR-1254-2	6.572	5.598	1743423	398402	15.107	6.332 #
28)	L6 AR-1254-3	6.938	6.002	925384	494098	7.519	5.038 #
29)	L6 AR-1254-4	7.225	6.231	492675	385104	5.364	6.996 #
30)	L6 AR-1254-5	7.652	6.649	168761	133193	1.606	1.639
31)	L7 AR-1260-1	7.109	6.144	74383	228041	0.718	3.128 #
32)	L7 AR-1260-2	7.370	6.318	257331	86476	2.046	1.060 #
33)	L7 AR-1260-3	7.729	6.477	7630	40100	0.087	0.475 #
34)	L7 AR-1260-4	7.953	0.000	391150	0	3.639	N.D. #
35)	L7 AR-1260-5	8.272	7.216f	32450	242315	0.157	1.790 #
36)	L8 AR-1262-1	7.723	6.737	32952	90365	0.279	2.564 #
37)	L8 AR-1262-2	8.263	0.000	51465	0	0.234	N.D. #
38)	L8 AR-1262-3	8.580	7.483	30358	64869	0.199	1.169 #
39)	L8 AR-1262-4	8.664	0.000	75684	0	1.005	N.D. #
40)	L8 AR-1262-5	9.324	8.029	27362	70805	0.332	1.557 #
41)	L9 AR-1268-1	8.580	7.483	30358	64869	0.106	0.386 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022423\
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 Acq On : 24 Feb 2023 19:34
 Operator : YP\AJ
 Sample : 01627-07
 Misc : AR1242 LOD 40 PPB
 ALS Vial : 36 Sample Multiplier: 1

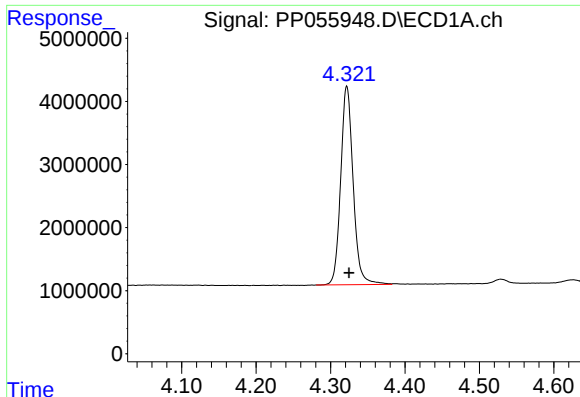
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 00:43:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
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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	8.671	0.000	174885	0	0.656	N.D. #
43) L9	AR-1268-3	8.898	7.748	195700	61946	0.832	0.451 #
44) L9	AR-1268-4	9.317	8.029	11901	70805	0.121	1.287 #
45) L9	AR-1268-5	9.731	8.317	173330	167388	0.230	0.415 #

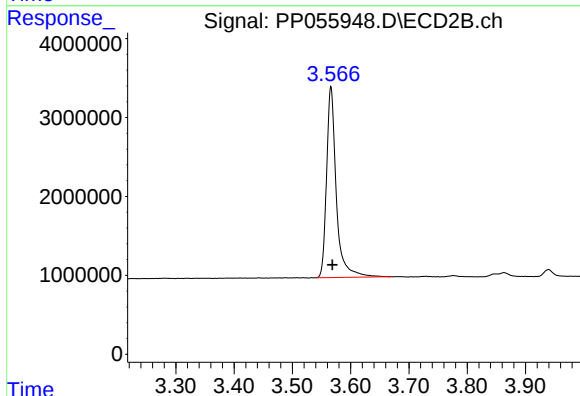
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

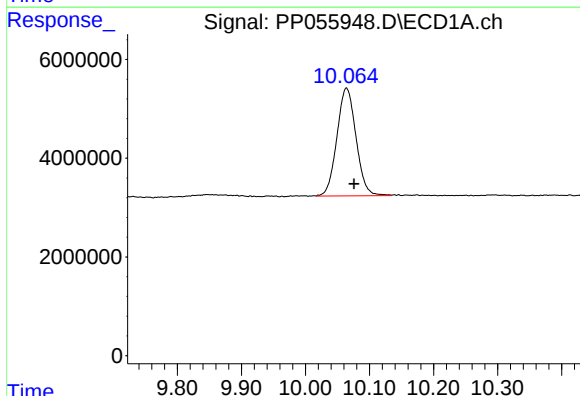
R.T.: 4.322 min
Delta R.T.: -0.003 min
Response: 36670686
Conc: 22.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



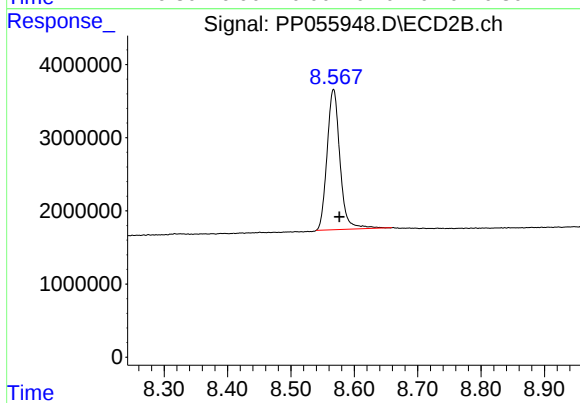
#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: -0.002 min
Response: 28102698
Conc: 19.25 ng/ml



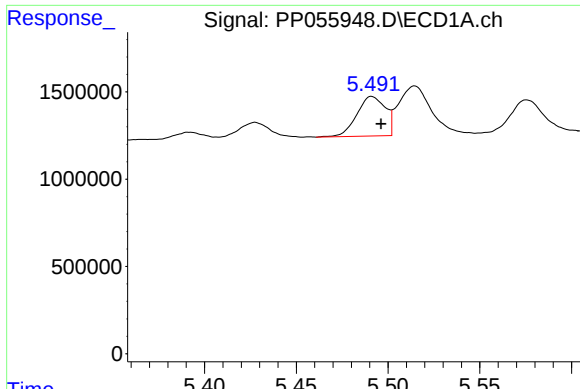
#2 Decachlorobiphenyl

R.T.: 10.064 min
Delta R.T.: -0.012 min
Response: 45293654
Conc: 22.20 ng/ml



#2 Decachlorobiphenyl

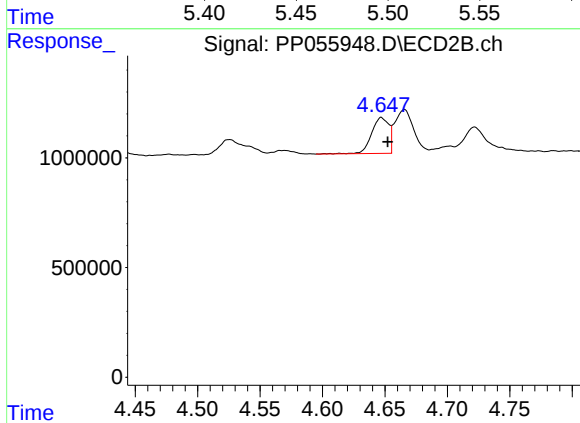
R.T.: 8.567 min
Delta R.T.: -0.009 min
Response: 27112606
Conc: 23.90 ng/ml



#3 AR-1016-1

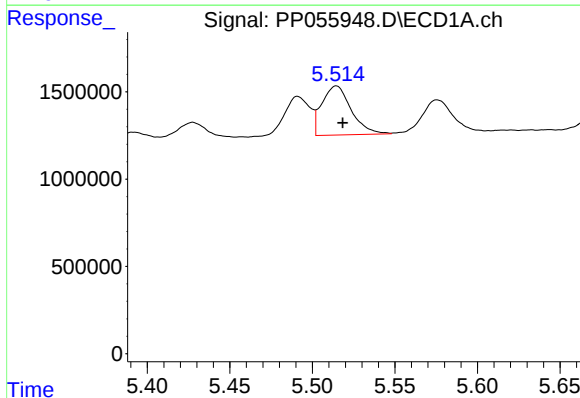
R.T.: 5.491 min
Delta R.T.: -0.005 min
Response: 2437677
Conc: 40.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



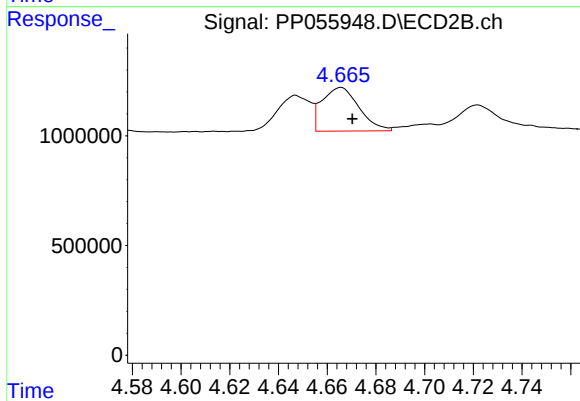
#3 AR-1016-1

R.T.: 4.647 min
Delta R.T.: -0.005 min
Response: 1572319
Conc: 34.92 ng/ml



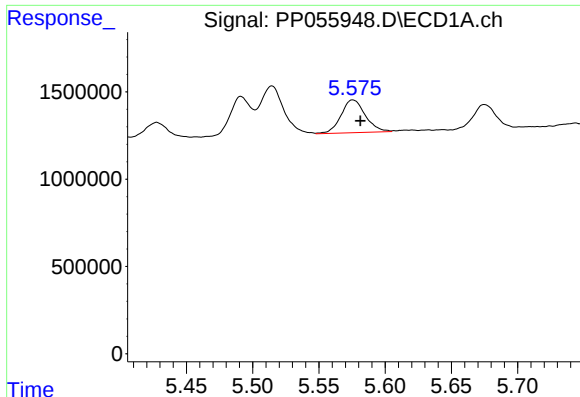
#4 AR-1016-2

R.T.: 5.515 min
Delta R.T.: -0.004 min
Response: 3467711
Conc: 39.64 ng/ml



#4 AR-1016-2

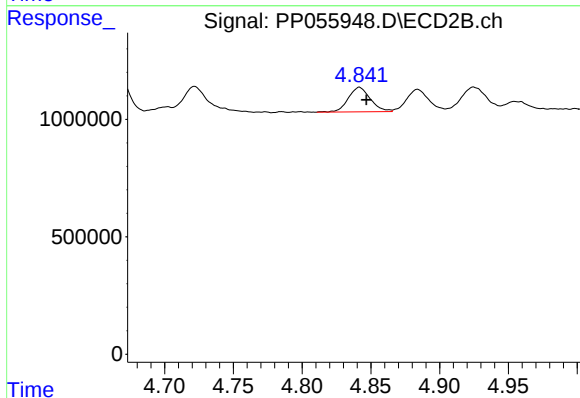
R.T.: 4.666 min
Delta R.T.: -0.005 min
Response: 2103436
Conc: 32.39 ng/ml



#5 AR-1016-3

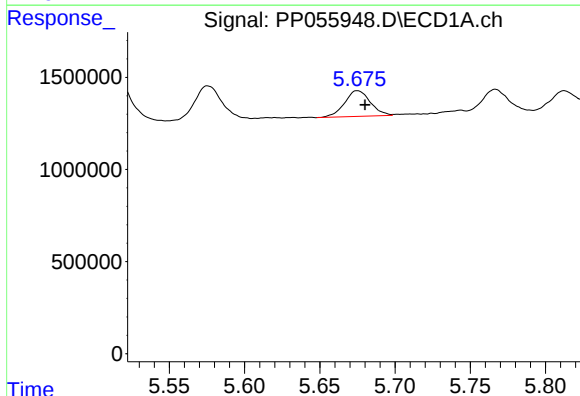
R.T.: 5.575 min
Delta R.T.: -0.006 min
Response: 2384457
Conc: 42.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



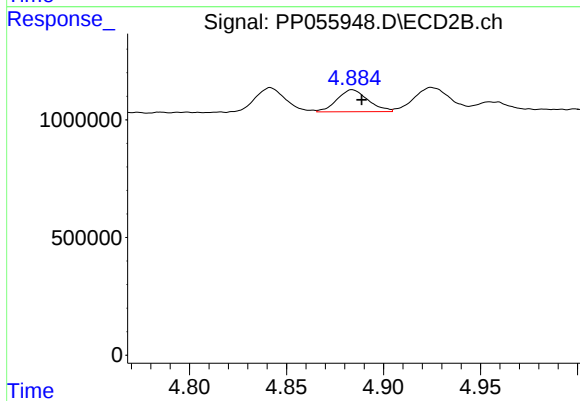
#5 AR-1016-3

R.T.: 4.842 min
Delta R.T.: -0.005 min
Response: 1163040
Conc: 33.47 ng/ml



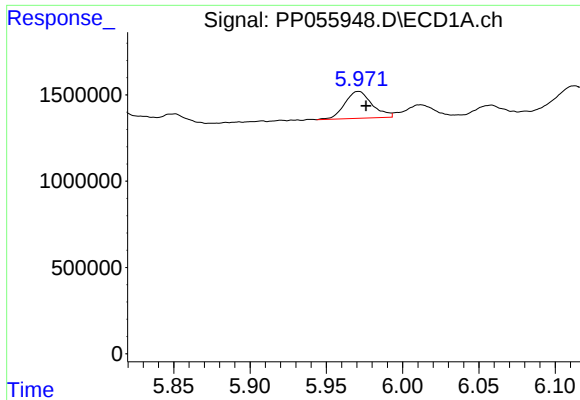
#6 AR-1016-4

R.T.: 5.675 min
Delta R.T.: -0.005 min
Response: 1672454
Conc: 37.53 ng/ml



#6 AR-1016-4

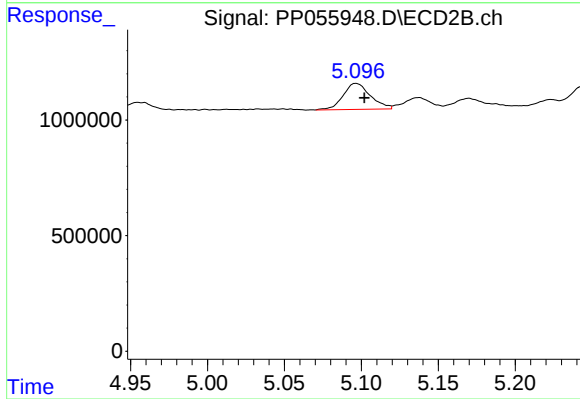
R.T.: 4.884 min
Delta R.T.: -0.005 min
Response: 1040608
Conc: 34.81 ng/ml



#7 AR-1016-5

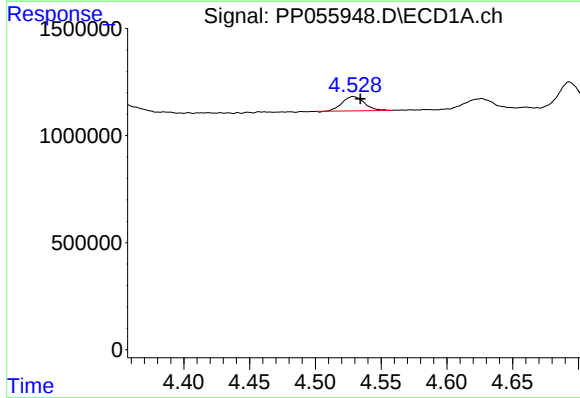
R.T.: 5.971 min
Delta R.T.: -0.005 min
Response: 1943404
Conc: 40.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



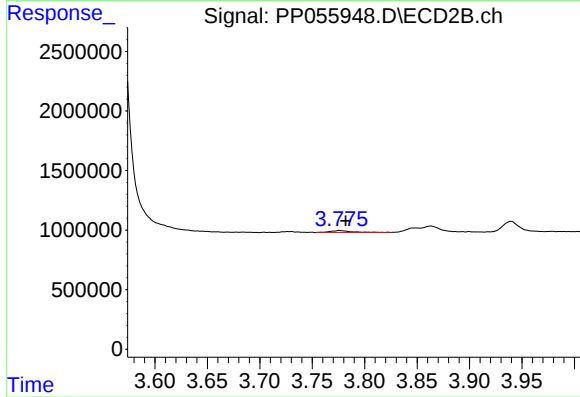
#7 AR-1016-5

R.T.: 5.097 min
Delta R.T.: -0.005 min
Response: 1389169
Conc: 35.14 ng/ml



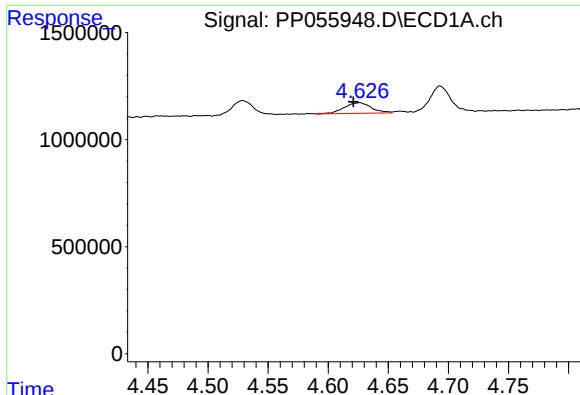
#8 AR-1221-1

R.T.: 4.529 min
Delta R.T.: -0.005 min
Response: 798024
Conc: 38.34 ng/ml



#8 AR-1221-1

R.T.: 3.776 min
Delta R.T.: -0.006 min
Response: 217456
Conc: 12.11 ng/ml



#9 AR-1221-2

R.T.: 4.627 min
Delta R.T.: 0.005 min
Response: 766080
Conc: 48.16 ng/ml

Instrument :
ECD_P
ClientSampleId :

#9 AR-1221-2

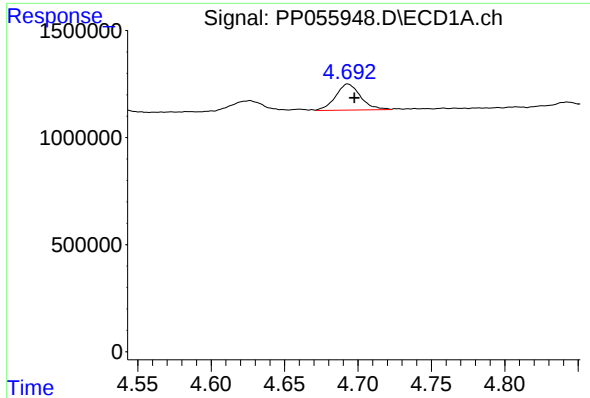
R.T.: 3.863 min
Delta R.T.: -0.005 min
Response: 973643
Conc: 74.14 ng/ml

#10 AR-1221-3

R.T.: 4.693 min
Delta R.T.: -0.004 min
Response: 1434825
Conc: 29.58 ng/ml

#10 AR-1221-3

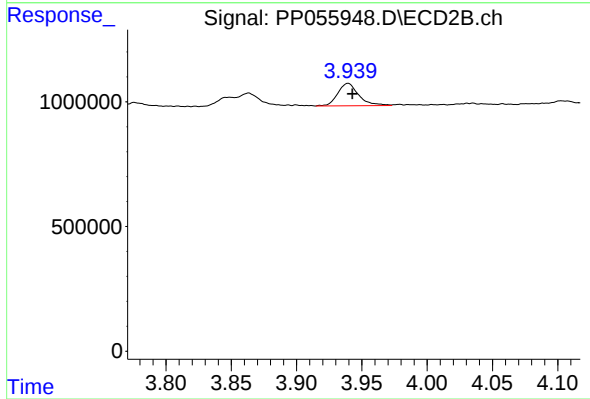
R.T.: 3.939 min
Delta R.T.: -0.004 min
Response: 1001470
Conc: 23.99 ng/ml



#11 AR-1232-1

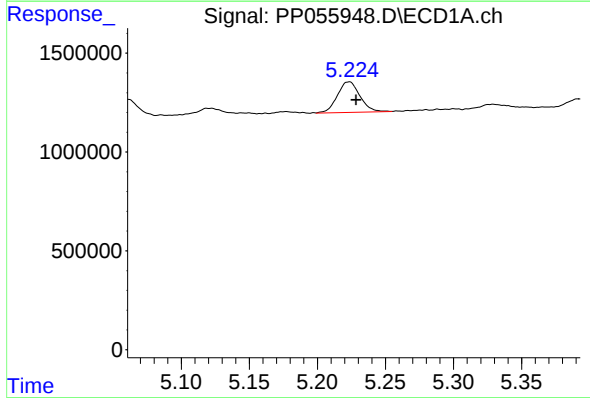
R.T.: 4.693 min
Delta R.T.: -0.005 min
Response: 1434825
Conc: 36.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



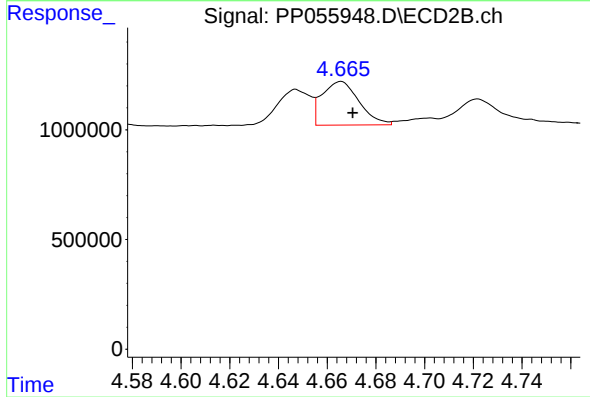
#11 AR-1232-1

R.T.: 3.939 min
Delta R.T.: -0.003 min
Response: 1001470
Conc: 29.09 ng/ml



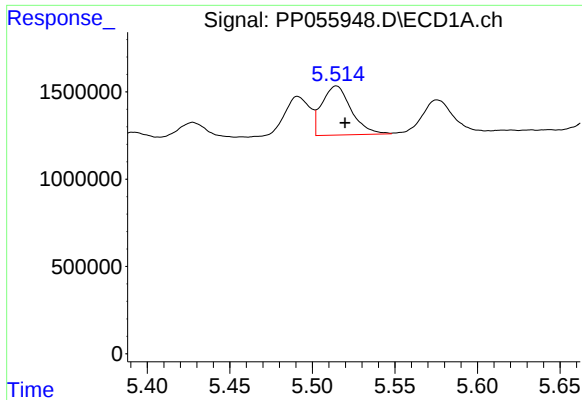
#12 AR-1232-2

R.T.: 5.224 min
Delta R.T.: -0.005 min
Response: 1791351
Conc: 86.24 ng/ml



#12 AR-1232-2

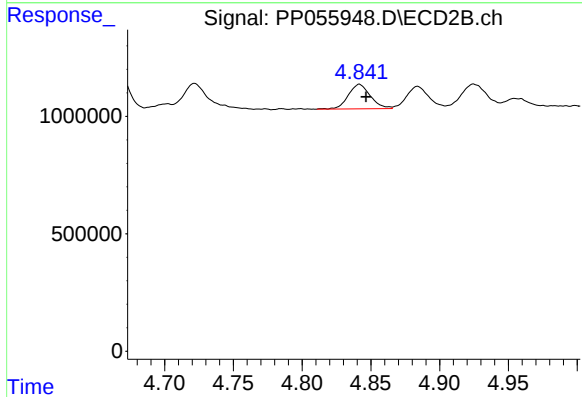
R.T.: 4.666 min
Delta R.T.: -0.005 min
Response: 2103436
Conc: 71.67 ng/ml



#13 AR-1232-3

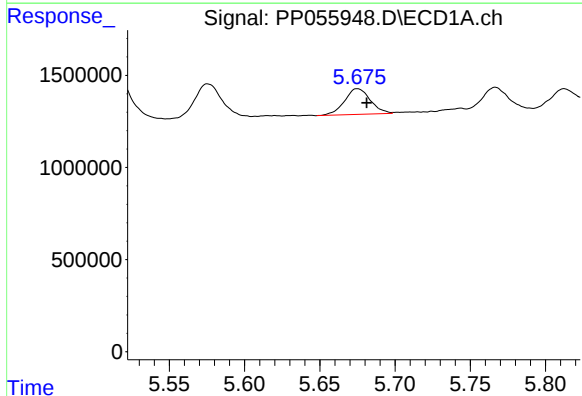
R.T.: 5.515 min
Delta R.T.: -0.005 min
Response: 3467711
Conc: 88.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



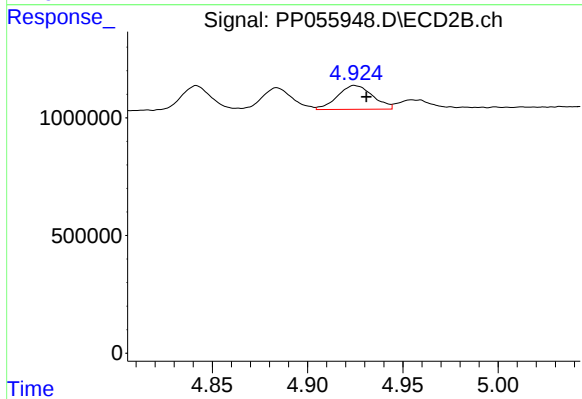
#13 AR-1232-3

R.T.: 4.842 min
Delta R.T.: -0.005 min
Response: 1163040
Conc: 76.53 ng/ml



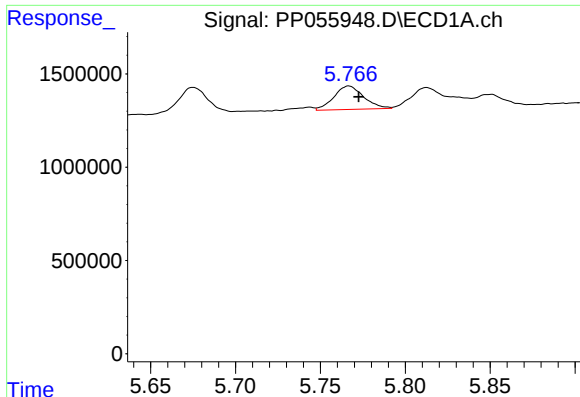
#14 AR-1232-4

R.T.: 5.675 min
Delta R.T.: -0.006 min
Response: 1672454
Conc: 85.37 ng/ml



#14 AR-1232-4

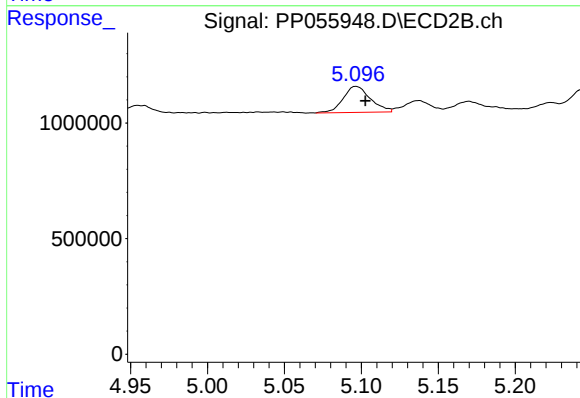
R.T.: 4.925 min
Delta R.T.: -0.006 min
Response: 1302845
Conc: 85.94 ng/ml



#15 AR-1232-5

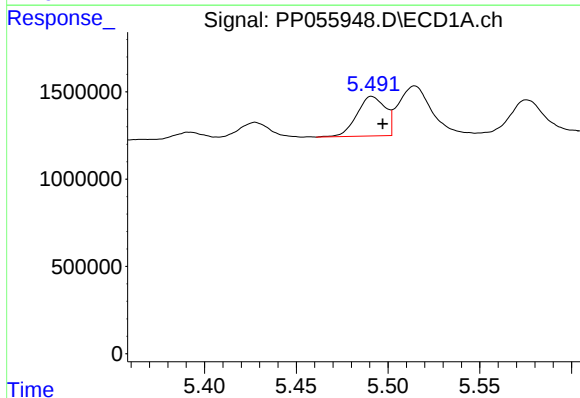
R.T.: 5.767 min
Delta R.T.: -0.006 min
Response: 1531810
Conc: 95.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



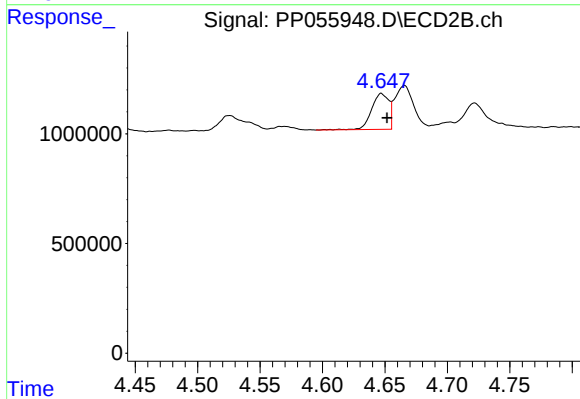
#15 AR-1232-5

R.T.: 5.097 min
Delta R.T.: -0.006 min
Response: 1389169
Conc: 84.75 ng/ml



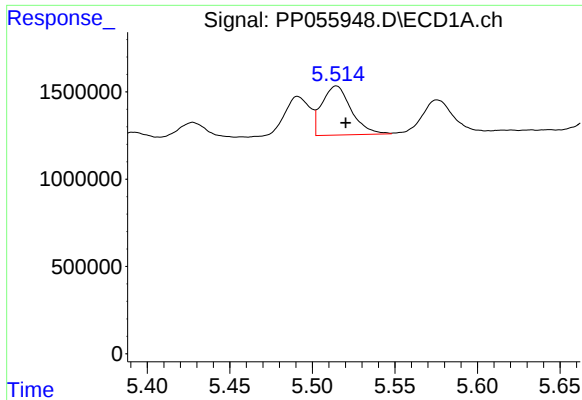
#16 AR-1242-1

R.T.: 5.491 min
Delta R.T.: -0.006 min
Response: 2437677
Conc: 50.48 ng/ml



#16 AR-1242-1

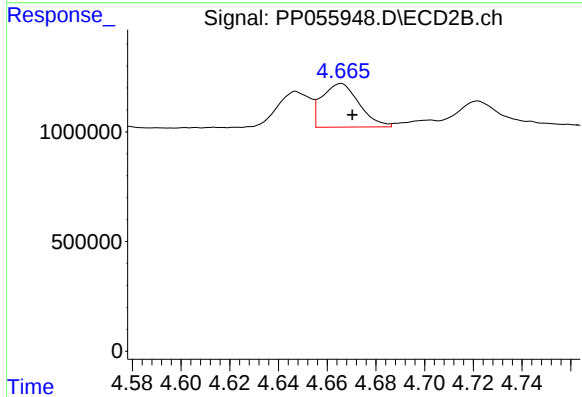
R.T.: 4.647 min
Delta R.T.: -0.005 min
Response: 1572319
Conc: 42.73 ng/ml



#17 AR-1242-2

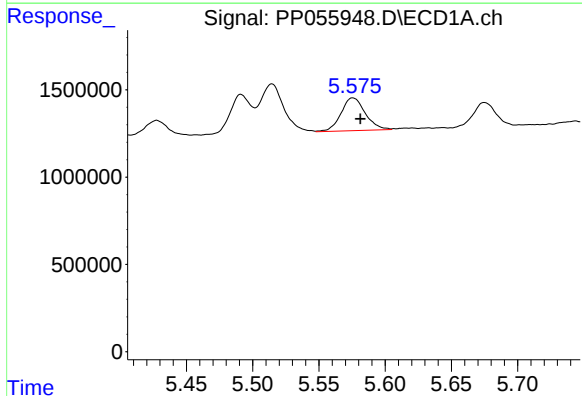
R.T.: 5.515 min
Delta R.T.: -0.006 min
Response: 3467711
Conc: 48.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



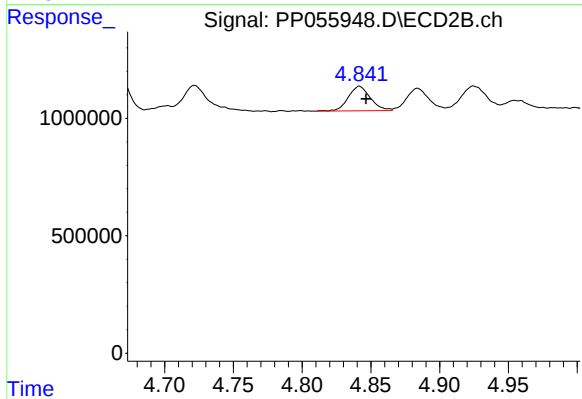
#17 AR-1242-2

R.T.: 4.666 min
Delta R.T.: -0.005 min
Response: 2103436
Conc: 39.93 ng/ml



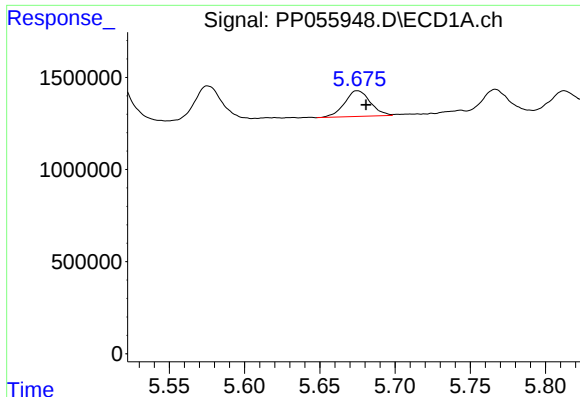
#18 AR-1242-3

R.T.: 5.575 min
Delta R.T.: -0.006 min
Response: 2384457
Conc: 53.45 ng/ml



#18 AR-1242-3

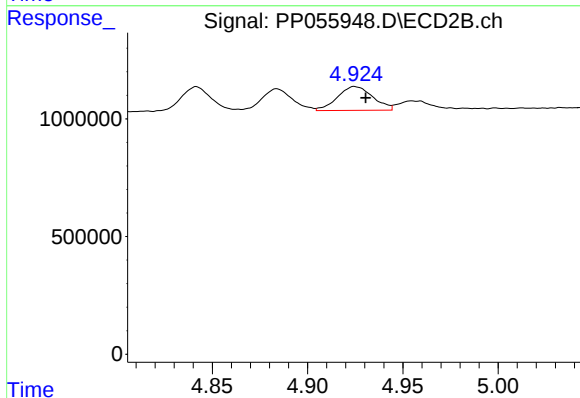
R.T.: 4.842 min
Delta R.T.: -0.005 min
Response: 1163040
Conc: 41.08 ng/ml



#19 AR-1242-4

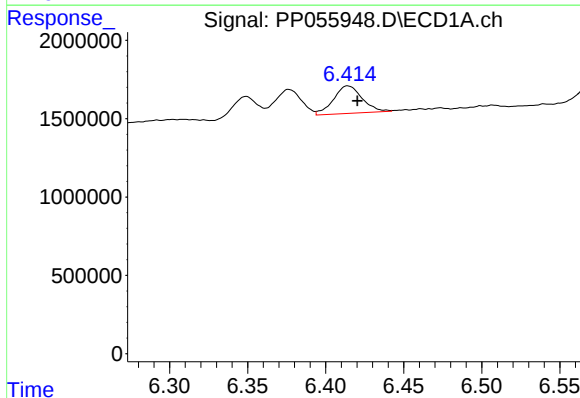
R.T.: 5.675 min
Delta R.T.: -0.006 min
Response: 1672454
Conc: 46.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



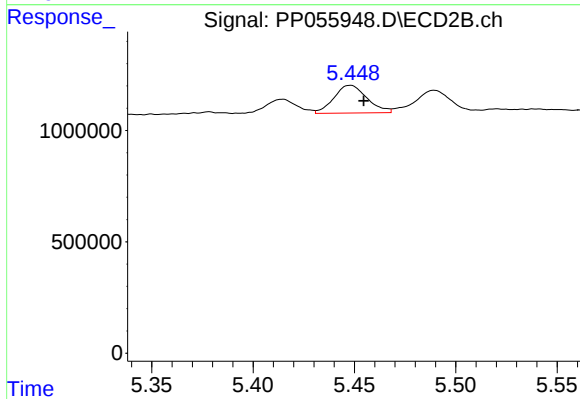
#19 AR-1242-4

R.T.: 4.925 min
Delta R.T.: -0.006 min
Response: 1302845
Conc: 42.23 ng/ml



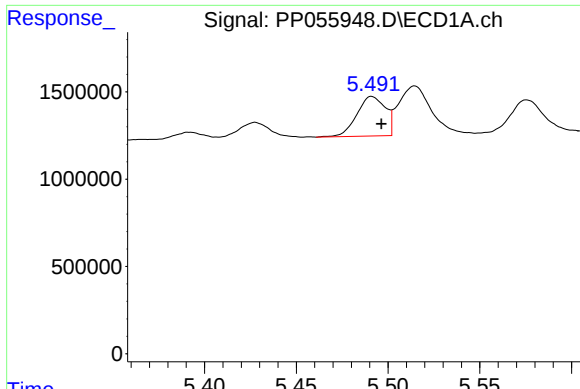
#20 AR-1242-5

R.T.: 6.414 min
Delta R.T.: -0.006 min
Response: 2245539
Conc: 53.61 ng/ml



#20 AR-1242-5

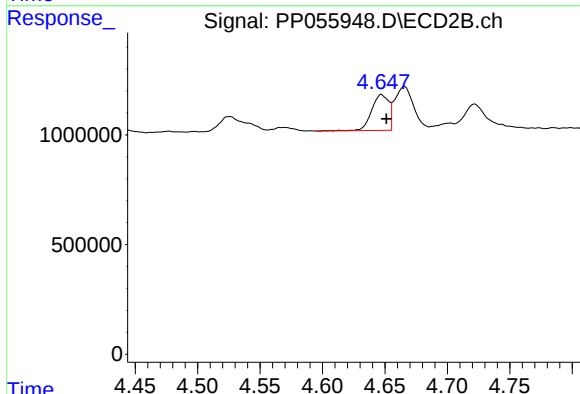
R.T.: 5.448 min
Delta R.T.: -0.007 min
Response: 1412728
Conc: 42.41 ng/ml



#21 AR-1248-1

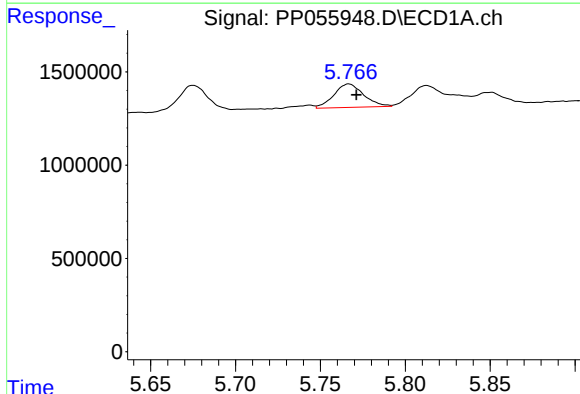
R.T.: 5.491 min
Delta R.T.: -0.005 min
Response: 2437677
Conc: 67.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



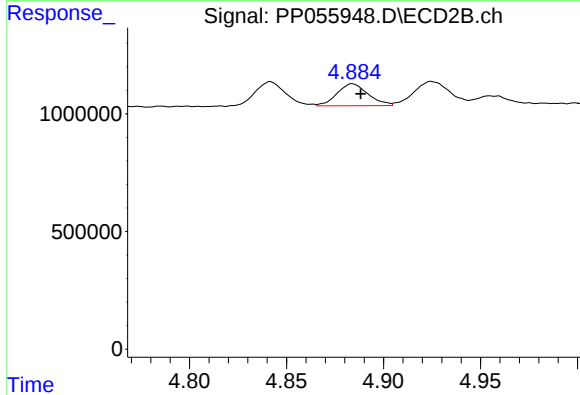
#21 AR-1248-1

R.T.: 4.647 min
Delta R.T.: -0.004 min
Response: 1572319
Conc: 56.30 ng/ml



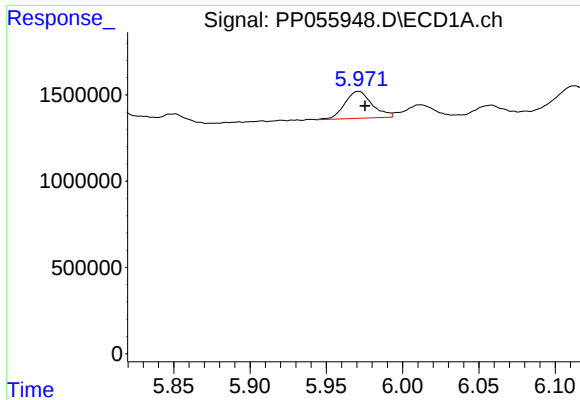
#22 AR-1248-2

R.T.: 5.767 min
Delta R.T.: -0.005 min
Response: 1531810
Conc: 26.62 ng/ml



#22 AR-1248-2

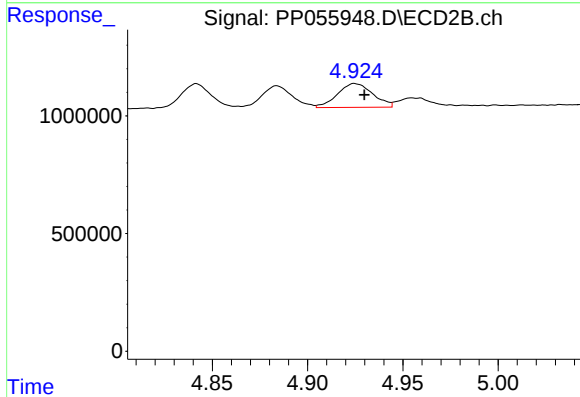
R.T.: 4.884 min
Delta R.T.: -0.004 min
Response: 1040608
Conc: 24.46 ng/ml



#23 AR-1248-3

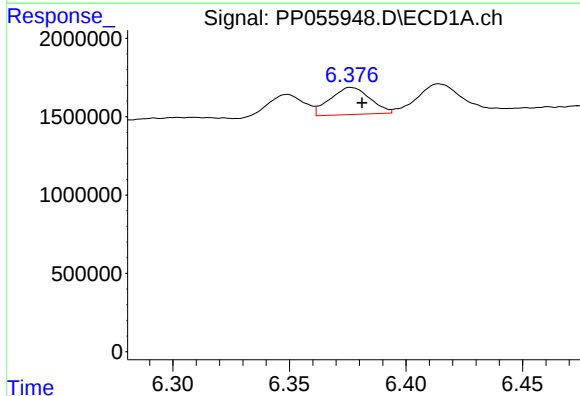
R.T.: 5.971 min
Delta R.T.: -0.004 min
Response: 1943404
Conc: 29.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



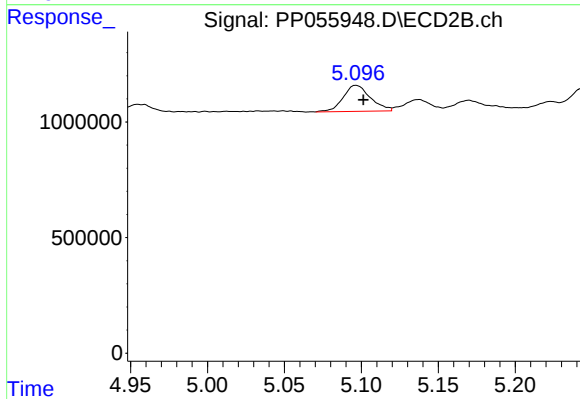
#23 AR-1248-3

R.T.: 4.925 min
Delta R.T.: -0.005 min
Response: 1302845
Conc: 29.28 ng/ml



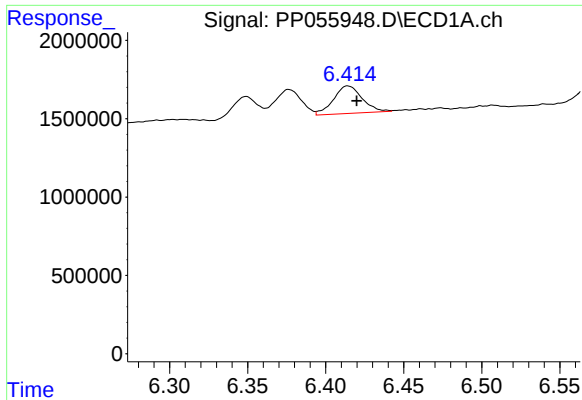
#24 AR-1248-4

R.T.: 6.376 min
Delta R.T.: -0.005 min
Response: 2058344
Conc: 28.37 ng/ml



#24 AR-1248-4

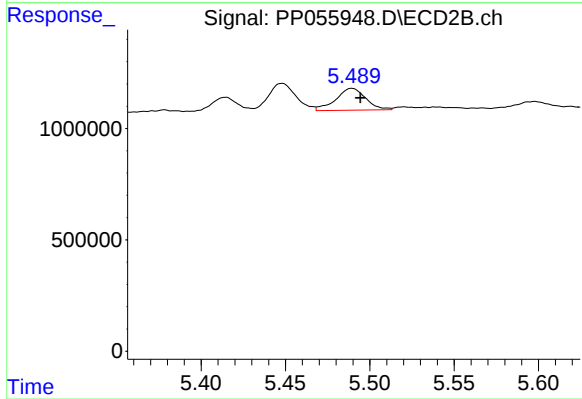
R.T.: 5.097 min
Delta R.T.: -0.005 min
Response: 1389169
Conc: 27.13 ng/ml



#25 AR-1248-5

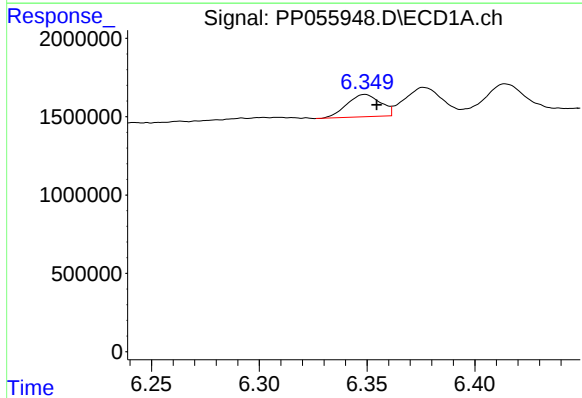
R.T.: 6.414 min
Delta R.T.: -0.006 min
Response: 2245539
Conc: 31.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



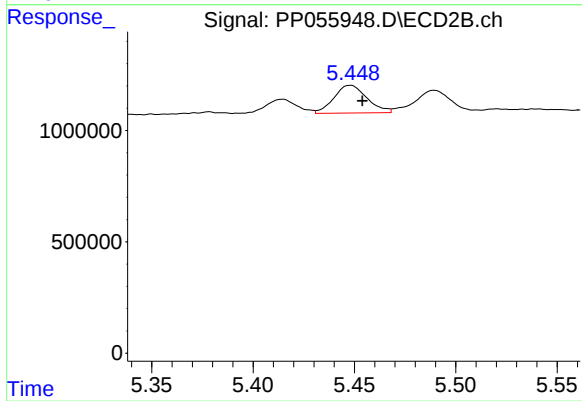
#25 AR-1248-5

R.T.: 5.489 min
Delta R.T.: -0.005 min
Response: 1212279
Conc: 27.50 ng/ml



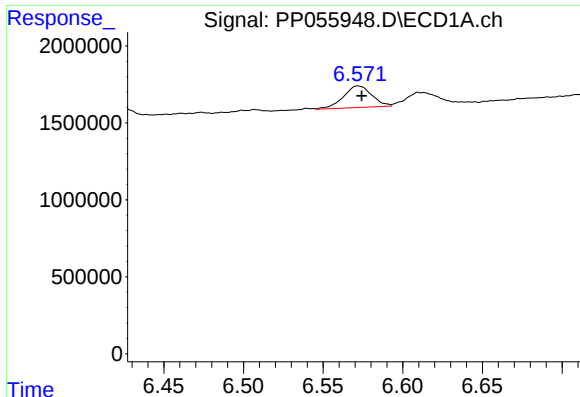
#26 AR-1254-1

R.T.: 6.349 min
Delta R.T.: -0.005 min
Response: 1538488
Conc: 20.93 ng/ml



#26 AR-1254-1

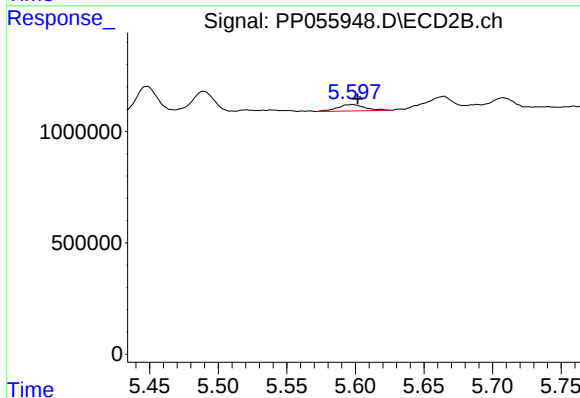
R.T.: 5.448 min
Delta R.T.: -0.006 min
Response: 1412728
Conc: 19.20 ng/ml



#27 AR-1254-2

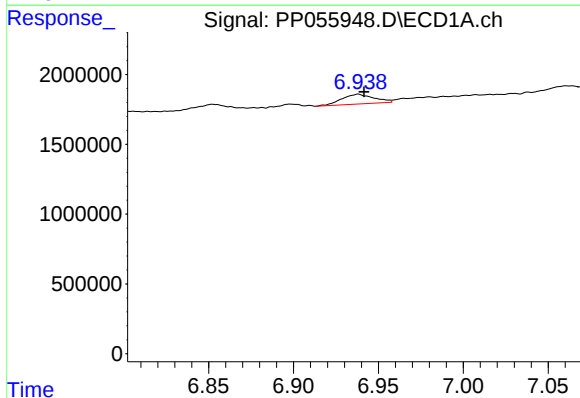
R.T.: 6.572 min
Delta R.T.: -0.002 min
Response: 1743423
Conc: 15.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



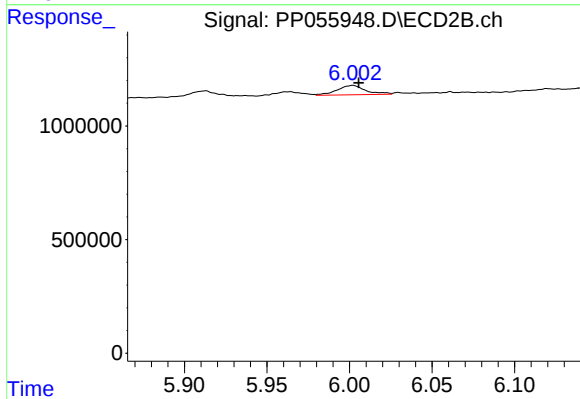
#27 AR-1254-2

R.T.: 5.598 min
Delta R.T.: -0.004 min
Response: 398402
Conc: 6.33 ng/ml



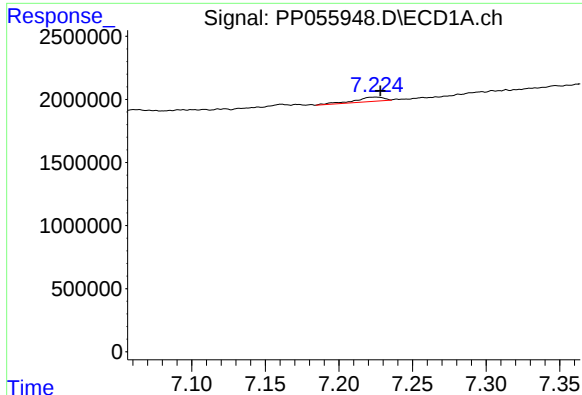
#28 AR-1254-3

R.T.: 6.938 min
Delta R.T.: -0.003 min
Response: 925384
Conc: 7.52 ng/ml



#28 AR-1254-3

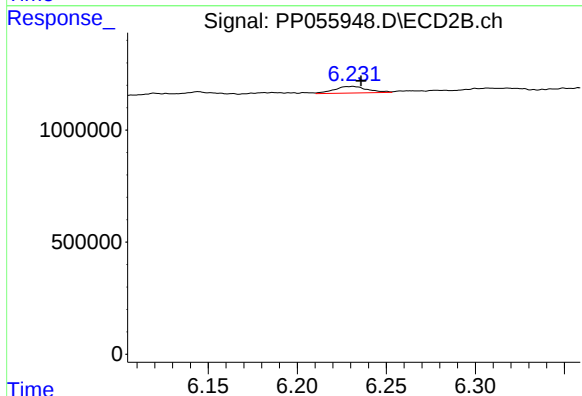
R.T.: 6.002 min
Delta R.T.: -0.004 min
Response: 494098
Conc: 5.04 ng/ml



#29 AR-1254-4

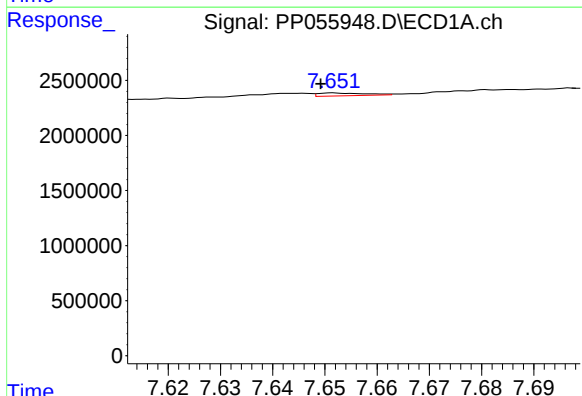
R.T.: 7.225 min
Delta R.T.: -0.003 min
Response: 492675
Conc: 5.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



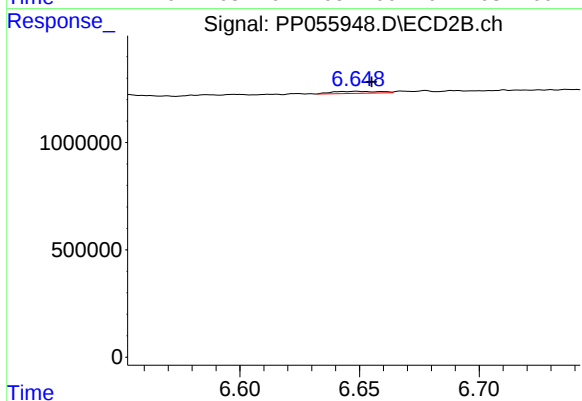
#29 AR-1254-4

R.T.: 6.231 min
Delta R.T.: -0.005 min
Response: 385104
Conc: 7.00 ng/ml



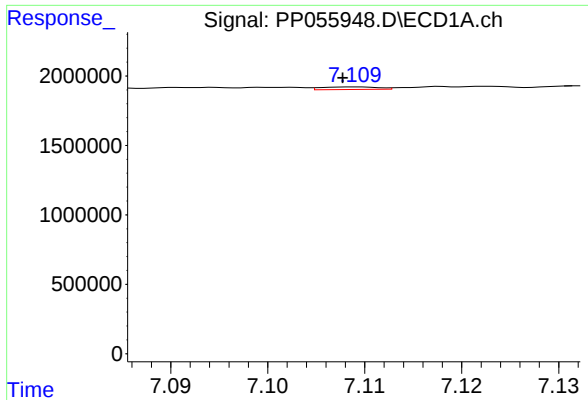
#30 AR-1254-5

R.T.: 7.652 min
Delta R.T.: 0.002 min
Response: 168761
Conc: 1.61 ng/ml



#30 AR-1254-5

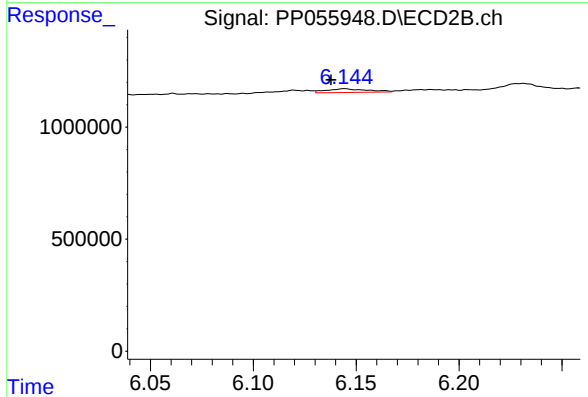
R.T.: 6.649 min
Delta R.T.: -0.006 min
Response: 133193
Conc: 1.64 ng/ml



#31 AR-1260-1

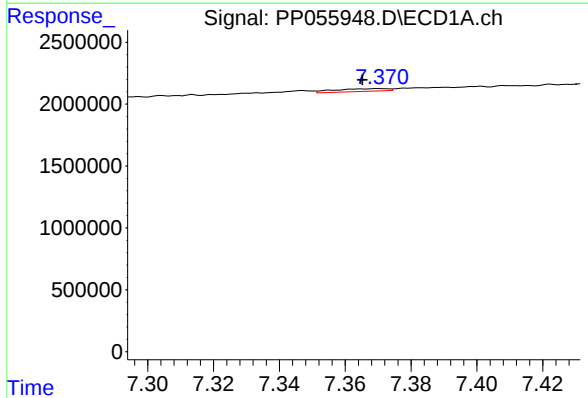
R.T.: 7.109 min
Delta R.T.: 0.001 min
Response: 74383
Conc: 0.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



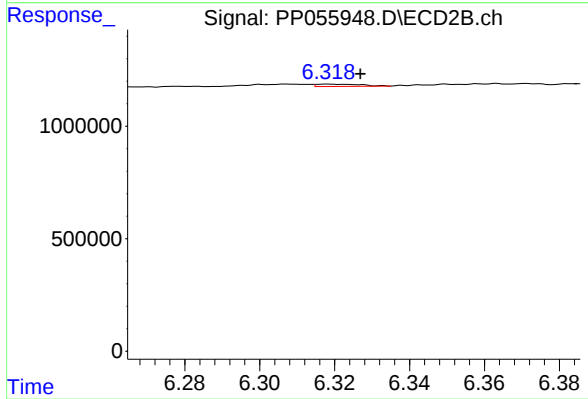
#31 AR-1260-1

R.T.: 6.144 min
Delta R.T.: 0.007 min
Response: 228041
Conc: 3.13 ng/ml



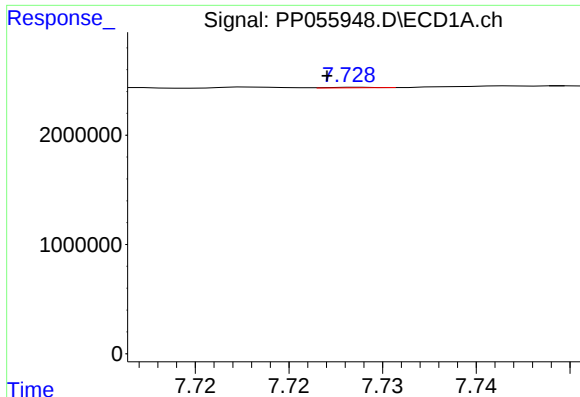
#32 AR-1260-2

R.T.: 7.370 min
Delta R.T.: 0.005 min
Response: 257331
Conc: 2.05 ng/ml



#32 AR-1260-2

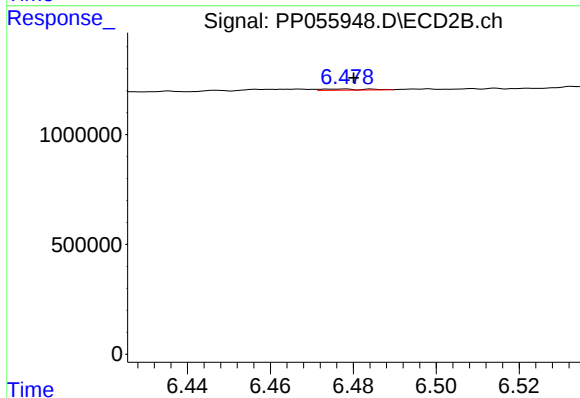
R.T.: 6.318 min
Delta R.T.: -0.009 min
Response: 86476
Conc: 1.06 ng/ml



#33 AR-1260-3

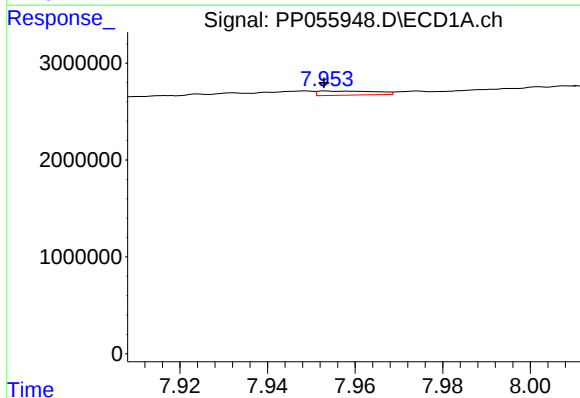
R.T.: 7.729 min
Delta R.T.: 0.002 min
Response: 7630
Conc: 0.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



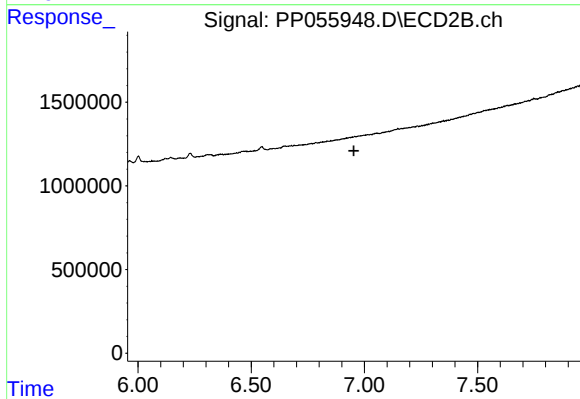
#33 AR-1260-3

R.T.: 6.477 min
Delta R.T.: -0.003 min
Response: 40100
Conc: 0.47 ng/ml



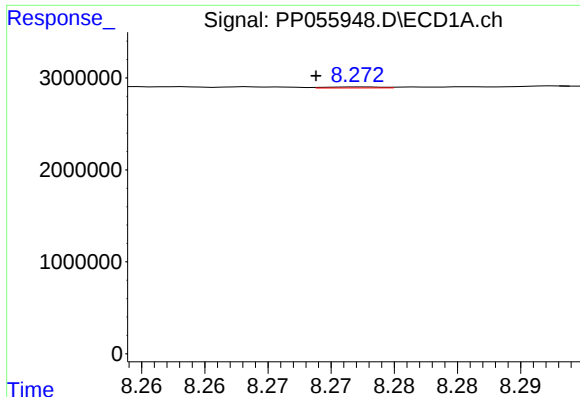
#34 AR-1260-4

R.T.: 7.953 min
Delta R.T.: 0.000 min
Response: 391150
Conc: 3.64 ng/ml



#34 AR-1260-4

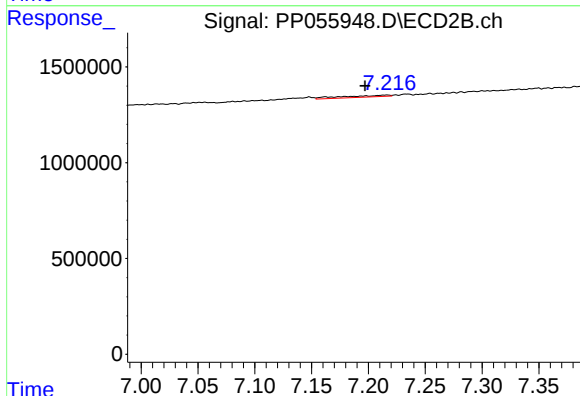
R.T.: 0.000 min
Exp R.T. : 6.954 min
Response: 0
Conc: N.D.



#35 AR-1260-5

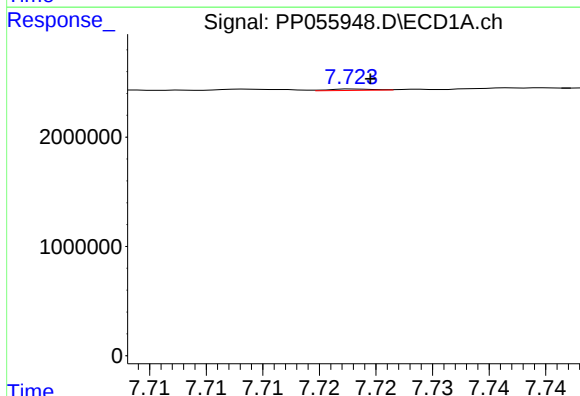
R.T.: 8.272 min
Delta R.T.: 0.004 min
Response: 32450
Conc: 0.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



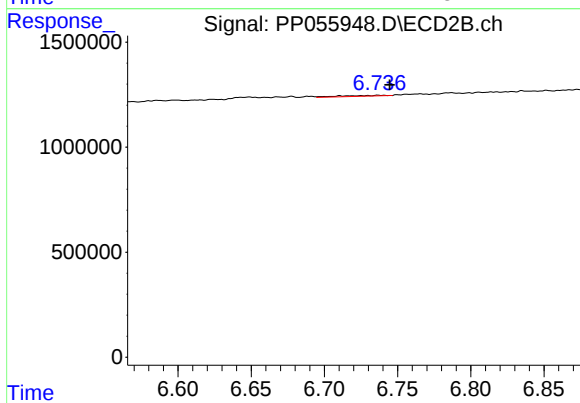
#35 AR-1260-5

R.T.: 7.216 min
Delta R.T.: 0.020 min
Response: 242315
Conc: 1.79 ng/ml



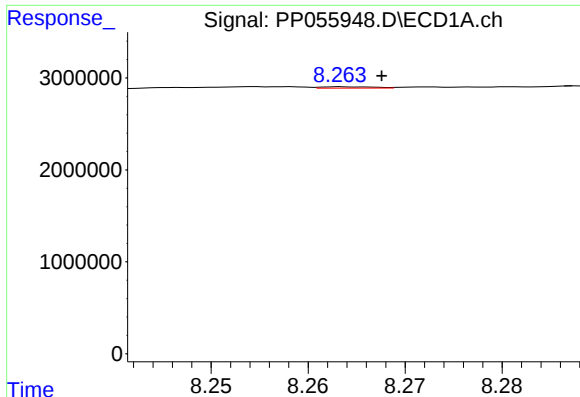
#36 AR-1262-1

R.T.: 7.723 min
Delta R.T.: -0.001 min
Response: 32952
Conc: 0.28 ng/ml



#36 AR-1262-1

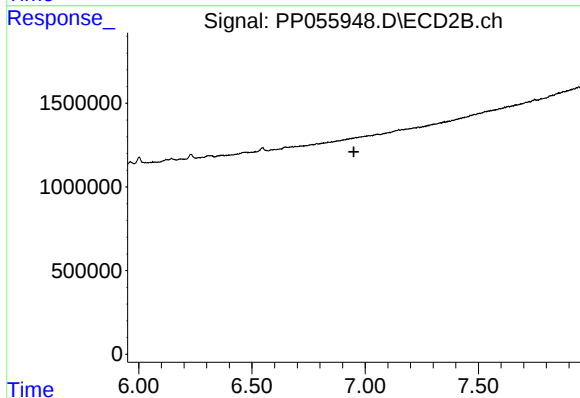
R.T.: 6.737 min
Delta R.T.: -0.008 min
Response: 90365
Conc: 2.56 ng/ml



#37 AR-1262-2

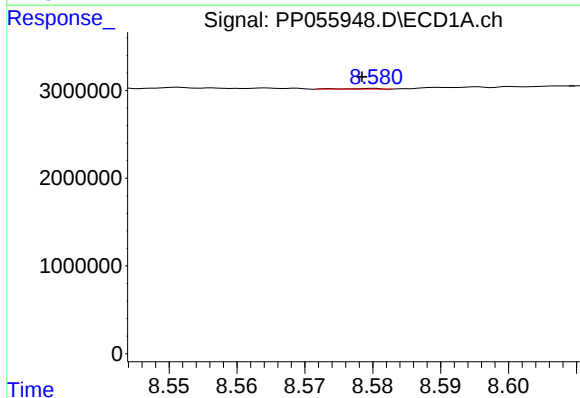
R.T.: 8.263 min
Delta R.T.: -0.004 min
Response: 51465
Conc: 0.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



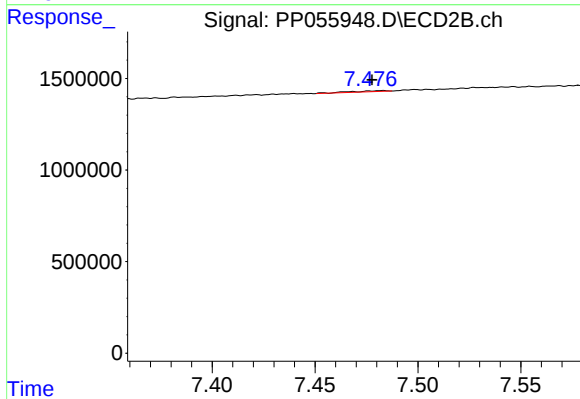
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 6.950 min
Response: 0
Conc: N.D.



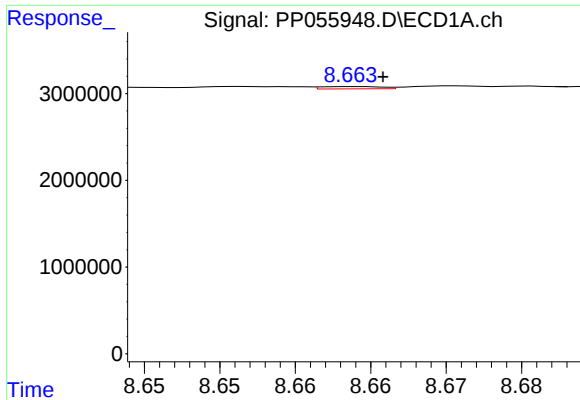
#38 AR-1262-3

R.T.: 8.580 min
Delta R.T.: 0.002 min
Response: 30358
Conc: 0.20 ng/ml



#38 AR-1262-3

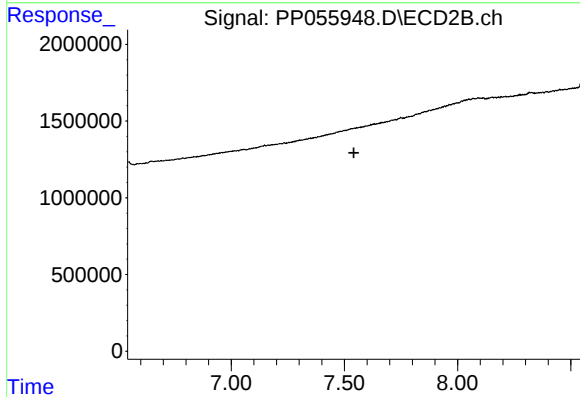
R.T.: 7.483 min
Delta R.T.: 0.005 min
Response: 64869
Conc: 1.17 ng/ml



#39 AR-1262-4

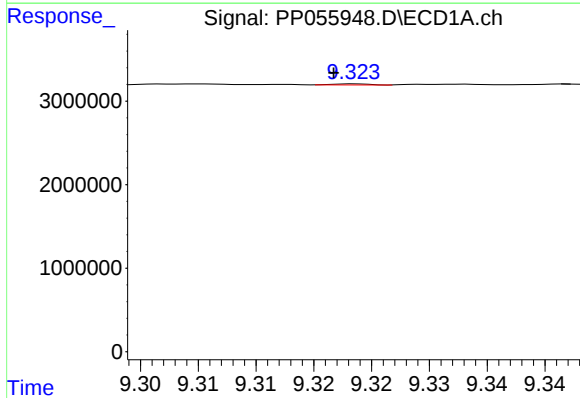
R.T.: 8.664 min
Delta R.T.: -0.002 min
Response: 75684
Conc: 1.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



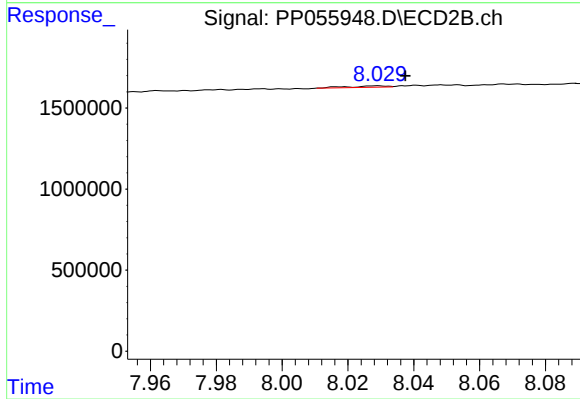
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.542 min
Response: 0
Conc: N.D.



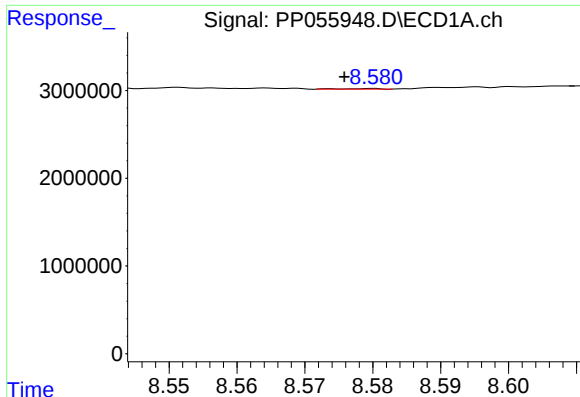
#40 AR-1262-5

R.T.: 9.324 min
Delta R.T.: 0.002 min
Response: 27362
Conc: 0.33 ng/ml



#40 AR-1262-5

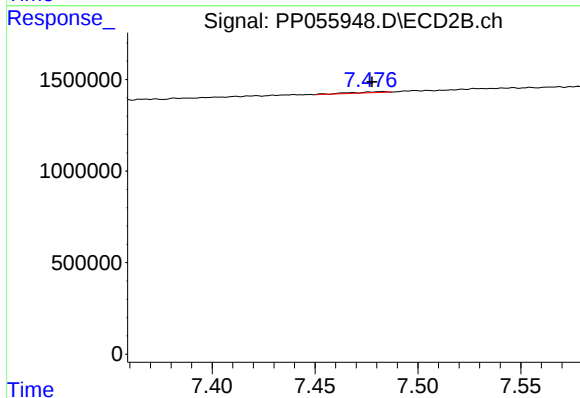
R.T.: 8.029 min
Delta R.T.: -0.009 min
Response: 70805
Conc: 1.56 ng/ml



#41 AR-1268-1

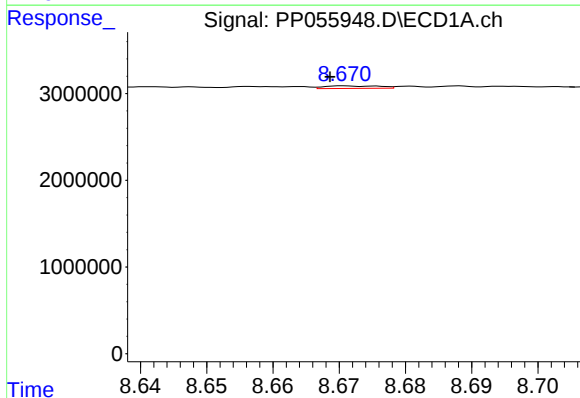
R.T.: 8.580 min
Delta R.T.: 0.004 min
Response: 30358
Conc: 0.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



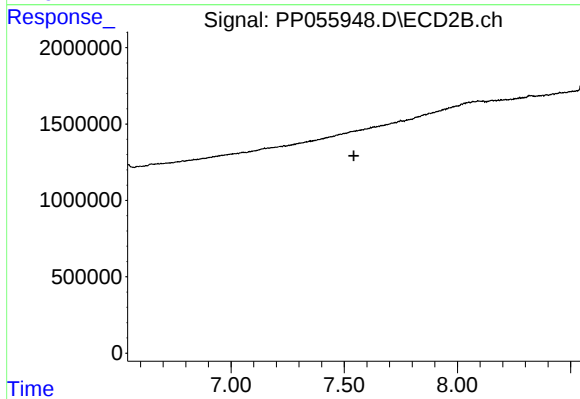
#41 AR-1268-1

R.T.: 7.483 min
Delta R.T.: 0.005 min
Response: 64869
Conc: 0.39 ng/ml



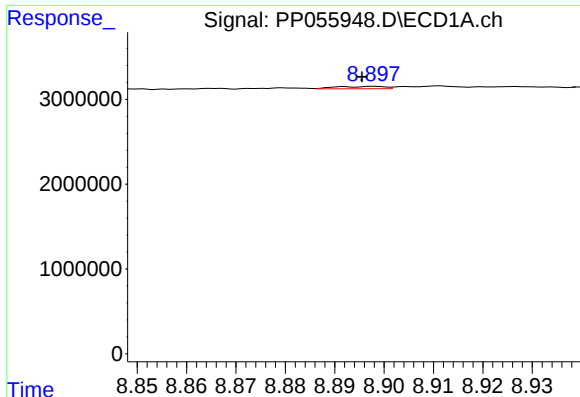
#42 AR-1268-2

R.T.: 8.671 min
Delta R.T.: 0.002 min
Response: 174885
Conc: 0.66 ng/ml



#42 AR-1268-2

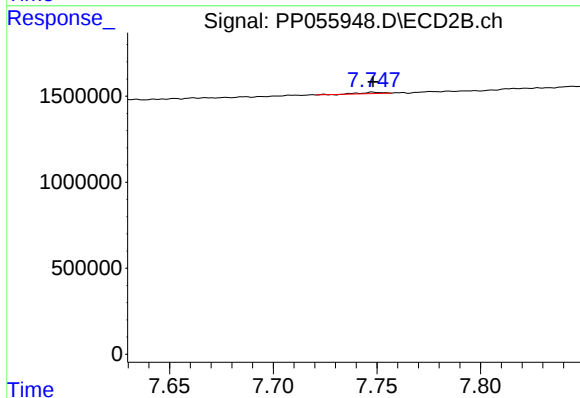
R.T.: 0.000 min
Exp R.T. : 7.543 min
Response: 0
Conc: N.D.



#43 AR-1268-3

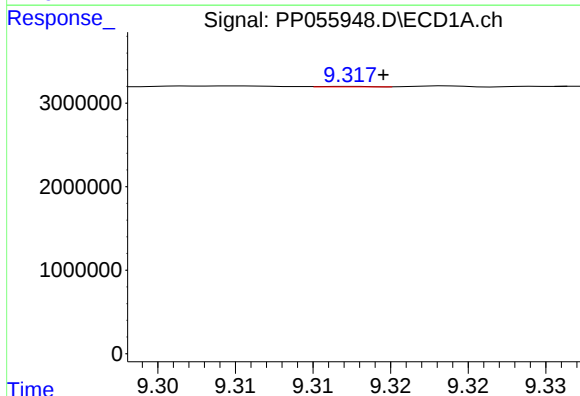
R.T.: 8.898 min
Delta R.T.: 0.002 min
Response: 195700
Conc: 0.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



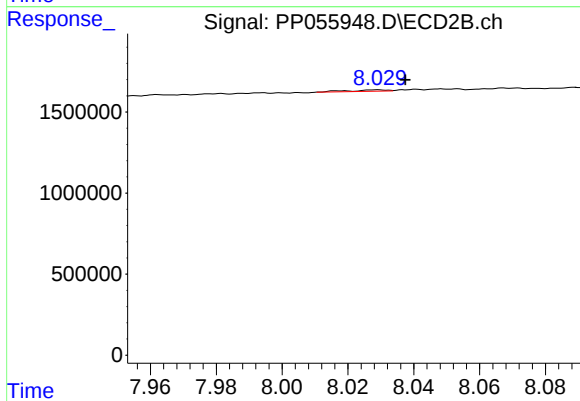
#43 AR-1268-3

R.T.: 7.748 min
Delta R.T.: 0.000 min
Response: 61946
Conc: 0.45 ng/ml



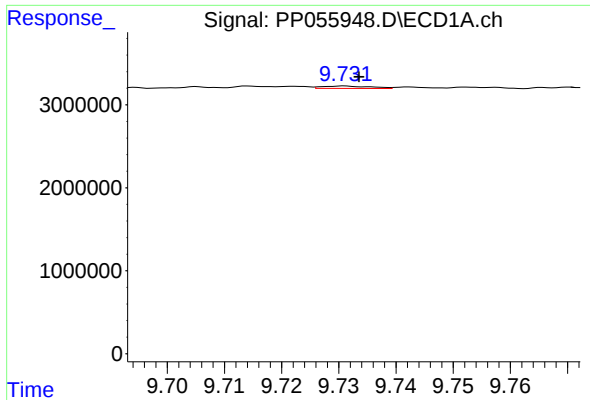
#44 AR-1268-4

R.T.: 9.317 min
Delta R.T.: -0.002 min
Response: 11901
Conc: 0.12 ng/ml



#44 AR-1268-4

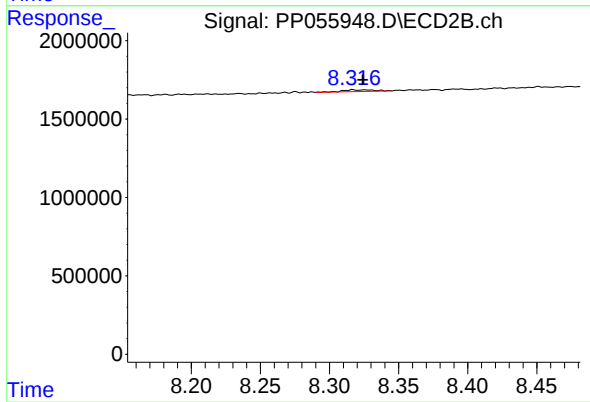
R.T.: 8.029 min
Delta R.T.: -0.009 min
Response: 70805
Conc: 1.29 ng/ml



#45 AR-1268-5

R.T.: 9.731 min
Delta R.T.: -0.002 min
Response: 173330
Conc: 0.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.317 min
Delta R.T.: -0.007 min
Response: 167388
Conc: 0.41 ng/ml