

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022423\
 Data File : PR059744.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2023 20:03
 Operator : YP\AJ
 Sample : 01627-01
 Misc : AR1254 LOD 40 PPB
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 07:53:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR022423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 24 12:41:32 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...	3.690	2.906	59008535	84407266	19.751	19.500
2)	SA Decachlor...	9.660	8.140	52753426	75626070	22.999	21.437
Target Compounds							
3)	L1 AR-1016-1	0.000	4.020	0	224562	N.D.	1.589 #
4)	L1 AR-1016-2	4.955	4.047	397956	614616	3.056	3.003
5)	L1 AR-1016-3	5.019	4.215	450429	191078	5.407	1.790 #
6)	L1 AR-1016-4	0.000	4.263	0	4205572	N.D.	48.780 #
7)	L1 AR-1016-5	5.433	4.478	1608791	2440967	24.433	21.802
8)	L2 AR-1221-1	0.000	3.116	0	117812	N.D.	3.106 #
9)	L2 AR-1221-2	4.005	3.207	894074	1323955	39.721	46.927
10)	L2 AR-1221-3	4.085	0.000	233889	0	3.486	N.D. #
11)	L3 AR-1232-1	4.085	0.000	233889	0	3.363	N.D. #
12)	L3 AR-1232-2	0.000	4.047	0	614616	N.D.	6.973 #
13)	L3 AR-1232-3	4.955	4.215	397956	191078	6.799	4.277 #
14)	L3 AR-1232-4	0.000	4.302	0	1432853	N.D.	35.676 #
15)	L3 AR-1232-5	5.219	4.478	2790546	2440967	124.181	53.408 #
16)	L4 AR-1242-1	0.000	4.020	0	224562	N.D.	2.031 #
17)	L4 AR-1242-2	4.955	4.047	397956	614616	3.890	3.805
18)	L4 AR-1242-3	5.019	4.215	450429	191078	6.858	2.292 #
19)	L4 AR-1242-4	0.000	4.302	0	1432853	N.D.	17.777 #
20)	L4 AR-1242-5	5.914	4.847	1554511	9914232	28.976	98.821 #
21)	L5 AR-1248-1	0.000	4.020	0	224562	N.D.	2.704 #
22)	L5 AR-1248-2	5.219	4.263	2790546	4205572	37.672	34.680
23)	L5 AR-1248-3	5.433	4.302	1608791	1432853	18.816	11.731 #
24)	L5 AR-1248-4	5.870	4.478	2191003	2440967	24.502	16.355 #
25)	L5 AR-1248-5	5.914	4.889	1554511	1109164	17.361	8.014 #
26)	L6 AR-1254-1	5.841	4.847	4892416	9914232	52.545	43.681
27)	L6 AR-1254-2	6.080	5.005	7440998	8718583	52.649	44.727
28)	L6 AR-1254-3	6.474	5.424	7275630	13285326	49.536	42.749
29)	L6 AR-1254-4	6.788	5.671	5146208	7886577	48.532	43.711
30)	L6 AR-1254-5	7.246	6.114	5862573	11832788	49.280	43.011
31)	L7 AR-1260-1	6.655	5.565	3051031	6900863	25.123	30.035
32)	L7 AR-1260-2	6.939	5.769	3427523	5800379	24.615	21.454
33)	L7 AR-1260-3	7.308f	5.923	831543	5804489	7.803	22.588 #
34)	L7 AR-1260-4	7.559f	6.432	2475520	681990	20.165	3.203 #
35)	L7 AR-1260-5	7.915	6.696	771887	1305489	3.387	2.708
36)	L8 AR-1262-1	7.308f	6.184f	831543	950846	5.942	3.287 #
37)	L8 AR-1262-2	7.915	6.432	771887	681990	3.247	2.653
38)	L8 AR-1262-3	8.236	0.000	899314	0	5.264	N.D. #
39)	L8 AR-1262-4	8.291f	7.063	76372	1676256	0.576	4.593 #
41)	L9 AR-1268-1	8.236	0.000	899314	0	2.934	N.D. #
42)	L9 AR-1268-2	8.291f	7.063	76372	1676256	0.274	3.024 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 07:53:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR022423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 24 12:41:32 2023
 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
43) L9	AR-1268-3	8.531	7.294	26157	344779	0.105	0.712 #
45) L9	AR-1268-5	9.344	7.900	536822	552904	0.676	0.375 #

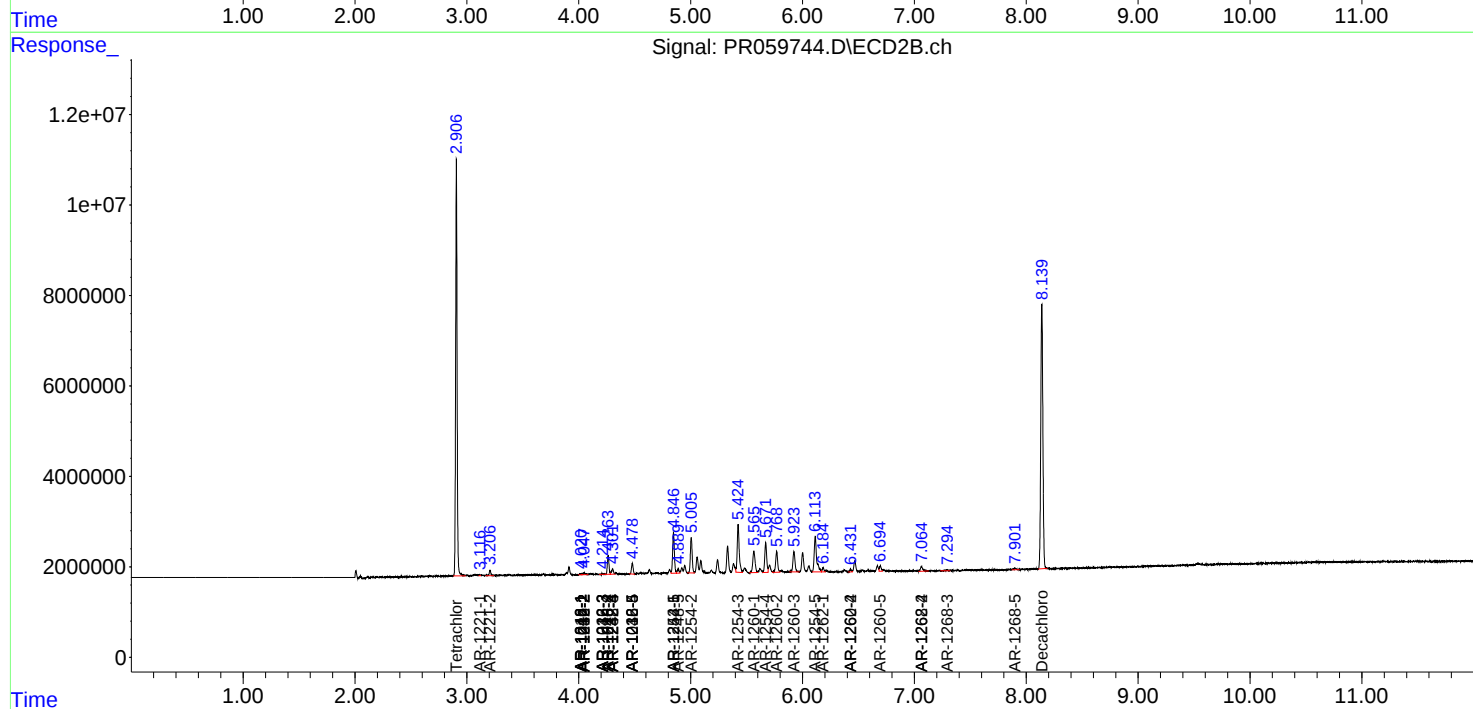
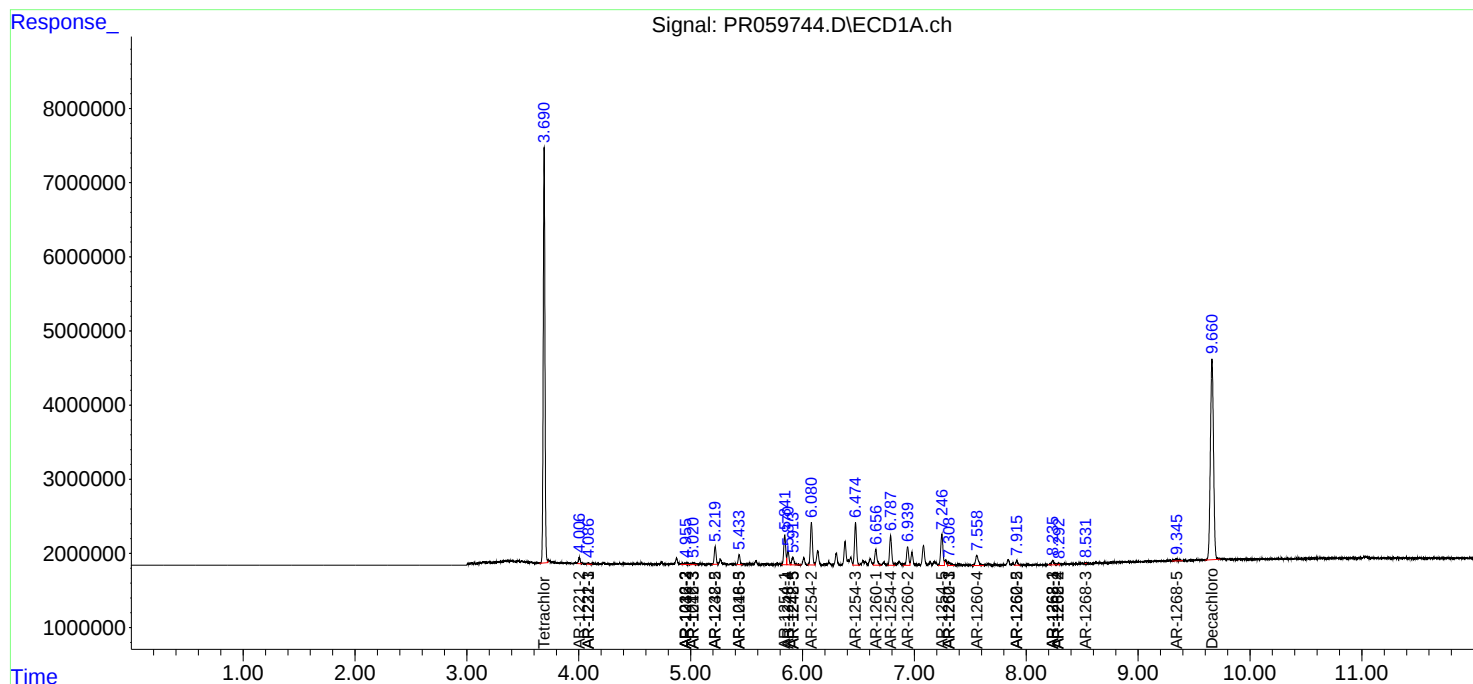
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

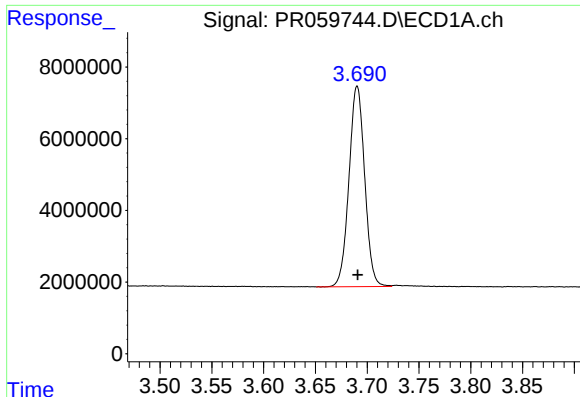
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022423\
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

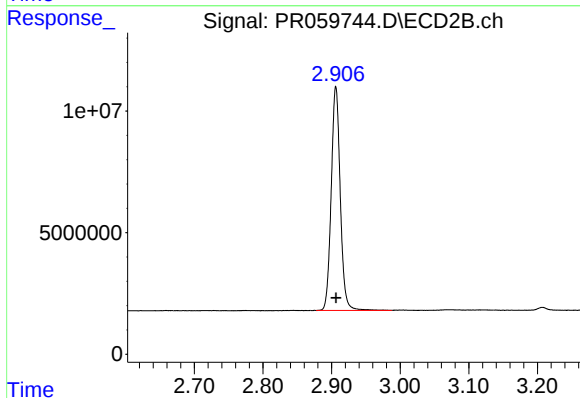




#1 Tetrachloro-m-xylene

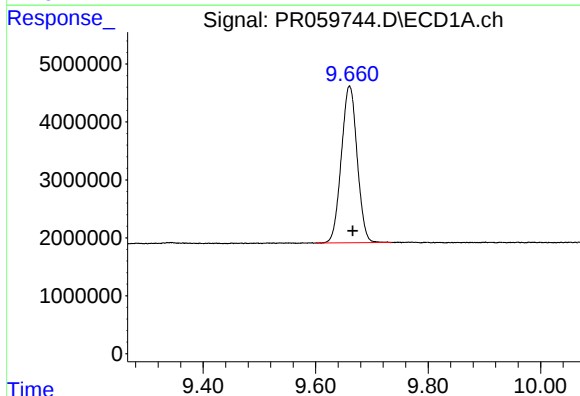
R.T.: 3.690 min
Delta R.T.: 0.000 min
Response: 59008535
Conc: 19.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



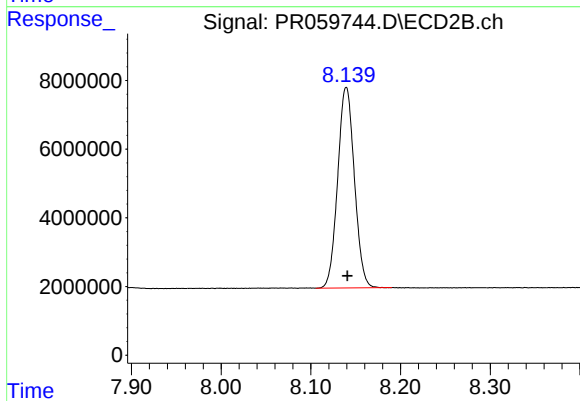
#1 Tetrachloro-m-xylene

R.T.: 2.906 min
Delta R.T.: 0.000 min
Response: 84407266
Conc: 19.50 ng/ml



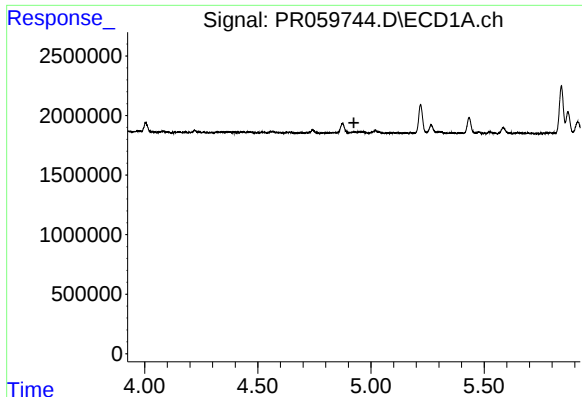
#2 Decachlorobiphenyl

R.T.: 9.660 min
Delta R.T.: -0.006 min
Response: 52753426
Conc: 23.00 ng/ml



#2 Decachlorobiphenyl

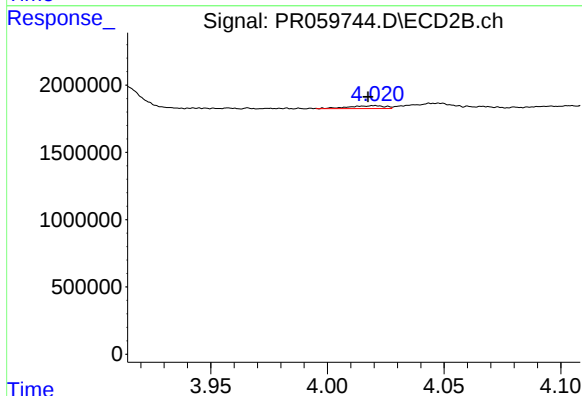
R.T.: 8.140 min
Delta R.T.: -0.001 min
Response: 75626070
Conc: 21.44 ng/ml



#3 AR-1016-1

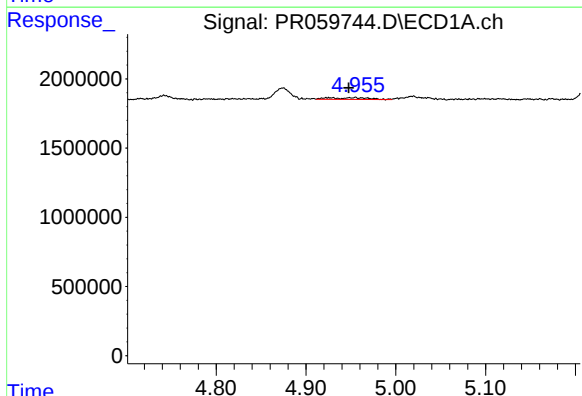
R.T.: 0.000 min
Exp R.T.: 4.925 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



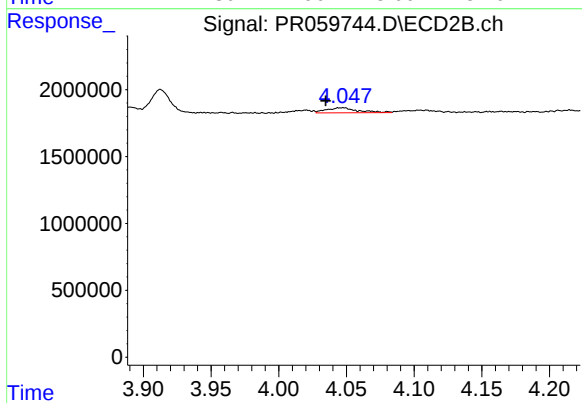
#3 AR-1016-1

R.T.: 4.020 min
Delta R.T.: 0.003 min
Response: 224562
Conc: 1.59 ng/ml



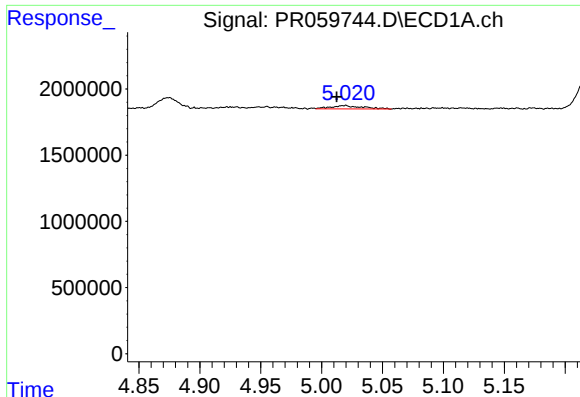
#4 AR-1016-2

R.T.: 4.955 min
Delta R.T.: 0.008 min
Response: 397956
Conc: 3.06 ng/ml



#4 AR-1016-2

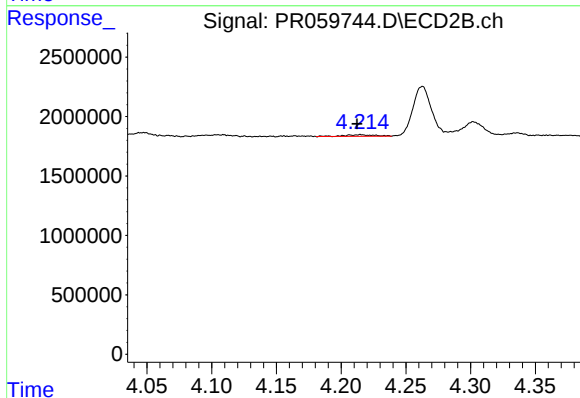
R.T.: 4.047 min
Delta R.T.: 0.012 min
Response: 614616
Conc: 3.00 ng/ml



#5 AR-1016-3

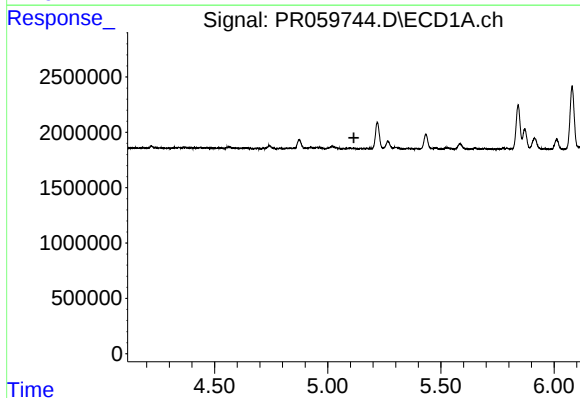
R.T.: 5.019 min
Delta R.T.: 0.007 min
Response: 450429
Conc: 5.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



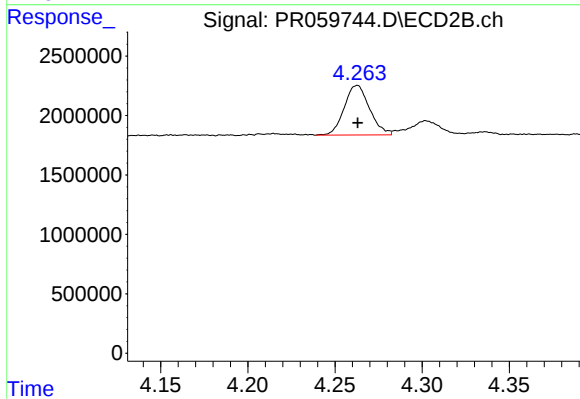
#5 AR-1016-3

R.T.: 4.215 min
Delta R.T.: 0.003 min
Response: 191078
Conc: 1.79 ng/ml



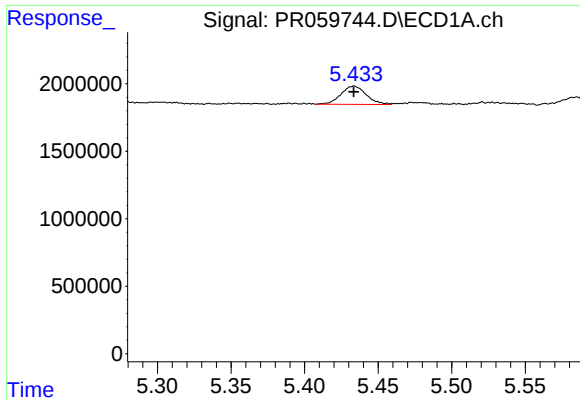
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.116 min
Response: 0
Conc: N.D.



#6 AR-1016-4

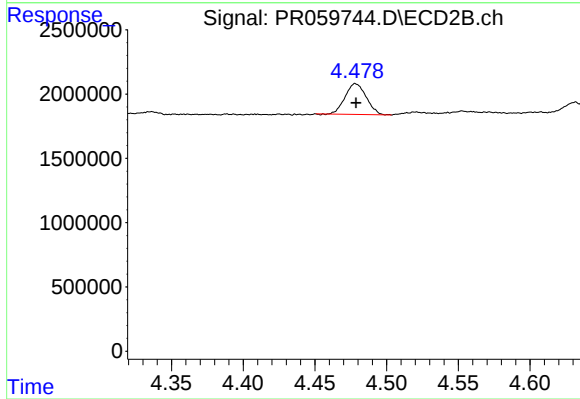
R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 4205572
Conc: 48.78 ng/ml



#7 AR-1016-5

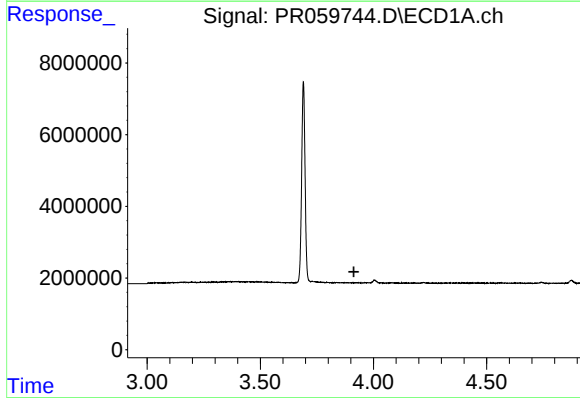
R.T.: 5.433 min
Delta R.T.: 0.000 min
Response: 1608791
Conc: 24.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



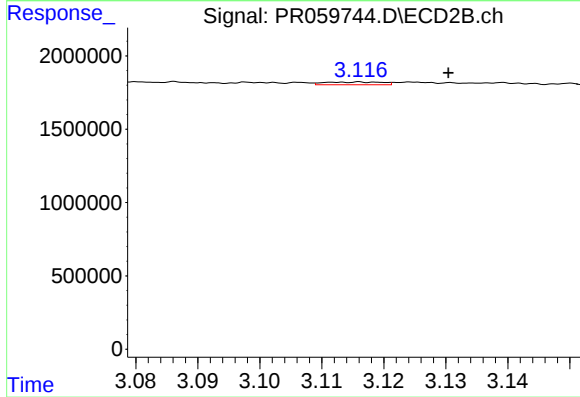
#7 AR-1016-5

R.T.: 4.478 min
Delta R.T.: 0.000 min
Response: 2440967
Conc: 21.80 ng/ml



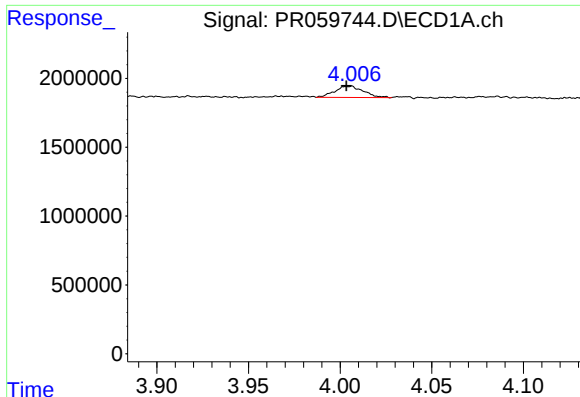
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.913 min
Response: 0
Conc: N.D.



#8 AR-1221-1

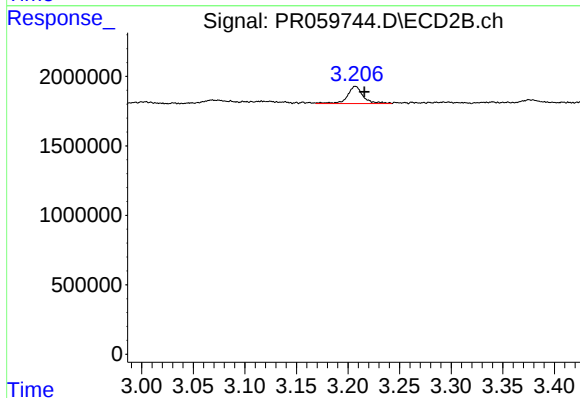
R.T.: 3.116 min
Delta R.T.: -0.014 min
Response: 117812
Conc: 3.11 ng/ml



#9 AR-1221-2

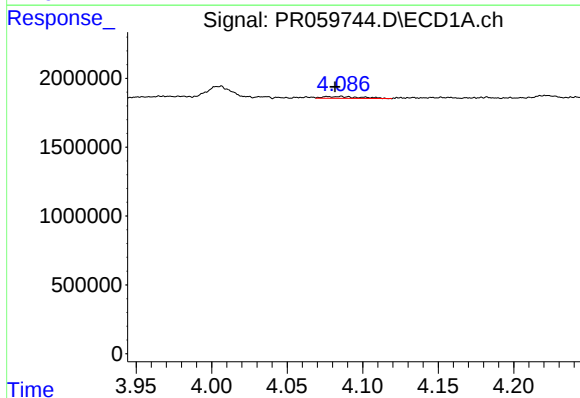
R.T.: 4.005 min
Delta R.T.: 0.002 min
Response: 894074
Conc: 39.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



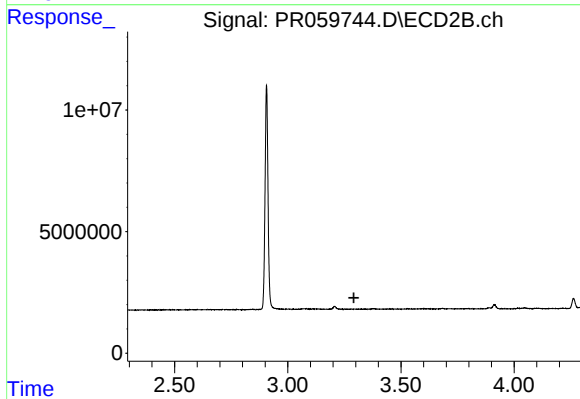
#9 AR-1221-2

R.T.: 3.207 min
Delta R.T.: -0.008 min
Response: 1323955
Conc: 46.93 ng/ml



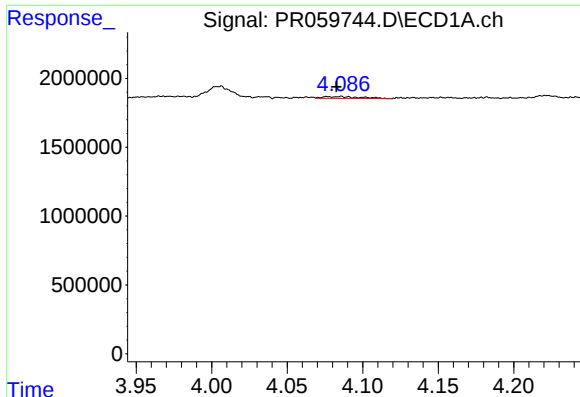
#10 AR-1221-3

R.T.: 4.085 min
Delta R.T.: 0.004 min
Response: 233889
Conc: 3.49 ng/ml



#10 AR-1221-3

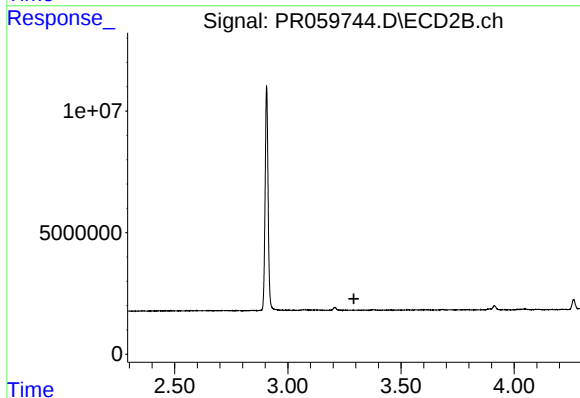
R.T.: 0.000 min
Exp R.T. : 3.292 min
Response: 0
Conc: N.D.



#11 AR-1232-1

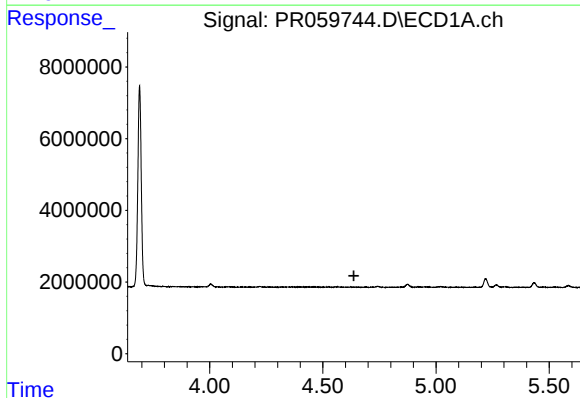
R.T.: 4.085 min
Delta R.T.: 0.003 min
Response: 233889
Conc: 3.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



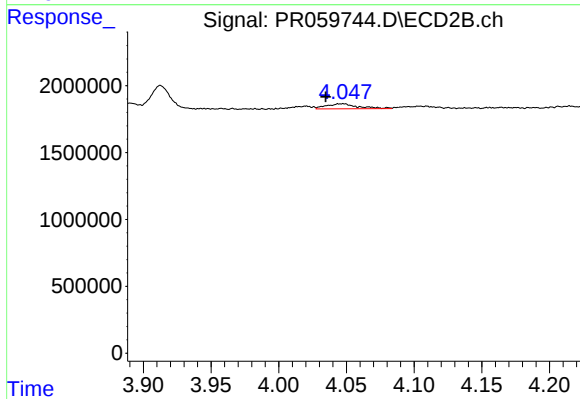
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.292 min
Response: 0
Conc: N.D.



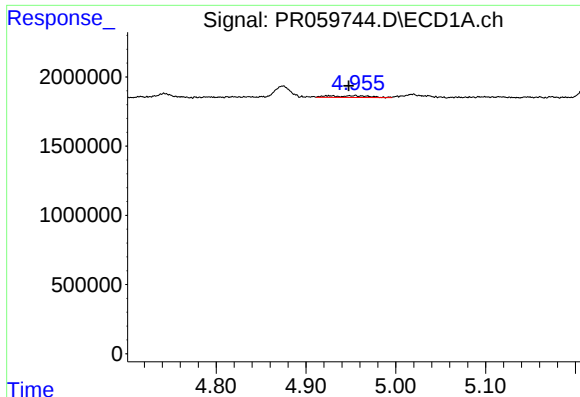
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.637 min
Response: 0
Conc: N.D.



#12 AR-1232-2

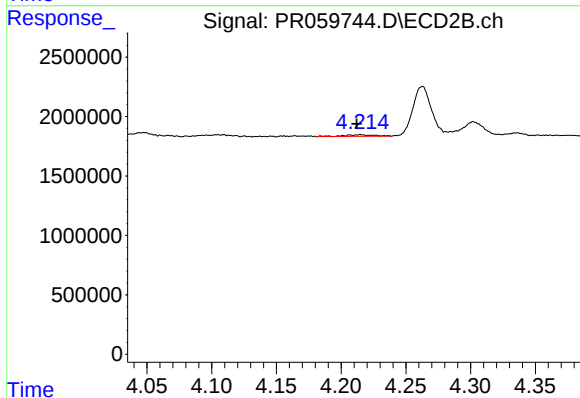
R.T.: 4.047 min
Delta R.T.: 0.012 min
Response: 614616
Conc: 6.97 ng/ml



#13 AR-1232-3

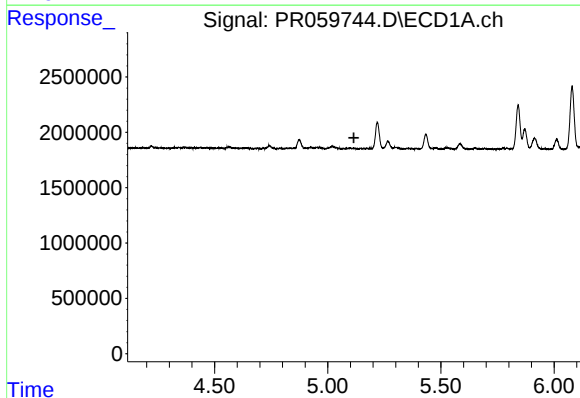
R.T.: 4.955 min
Delta R.T.: 0.007 min
Response: 397956
Conc: 6.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



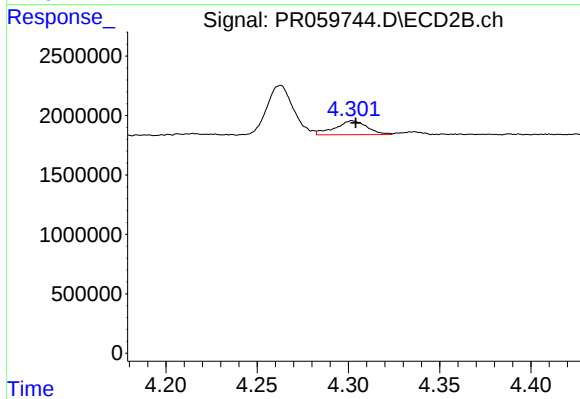
#13 AR-1232-3

R.T.: 4.215 min
Delta R.T.: 0.003 min
Response: 191078
Conc: 4.28 ng/ml



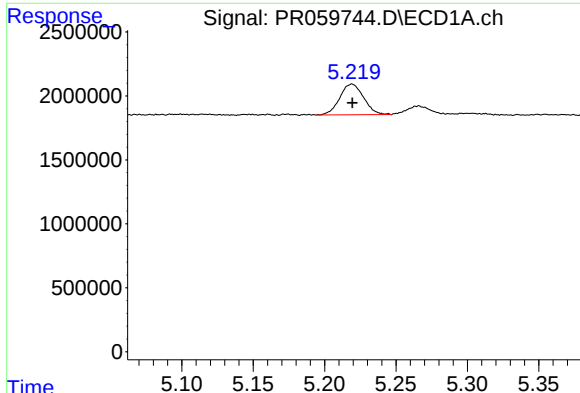
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.115 min
Response: 0
Conc: N.D.



#14 AR-1232-4

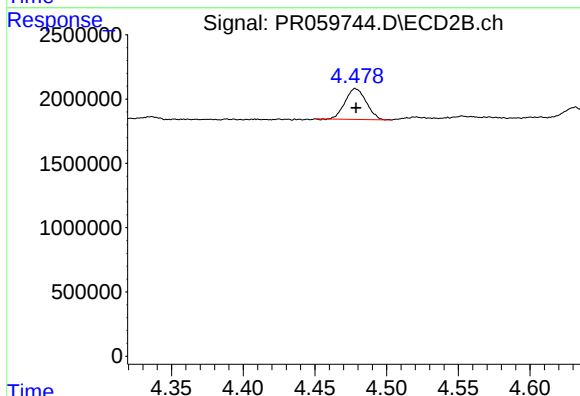
R.T.: 4.302 min
Delta R.T.: -0.002 min
Response: 1432853
Conc: 35.68 ng/ml



#15 AR-1232-5

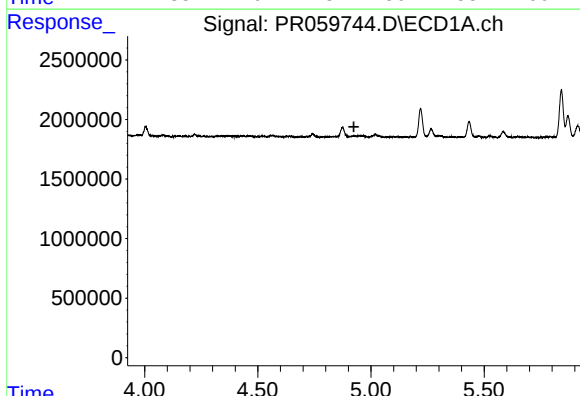
R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 2790546
Conc: 124.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



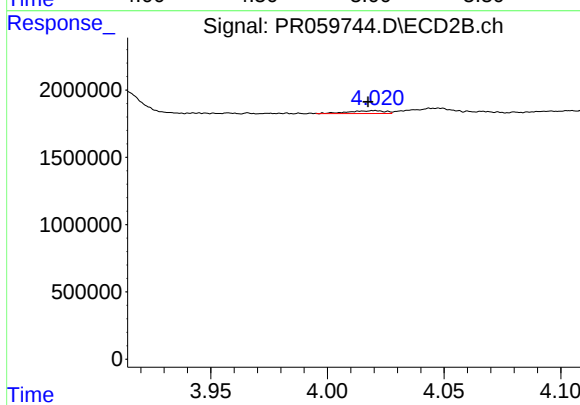
#15 AR-1232-5

R.T.: 4.478 min
Delta R.T.: 0.000 min
Response: 2440967
Conc: 53.41 ng/ml



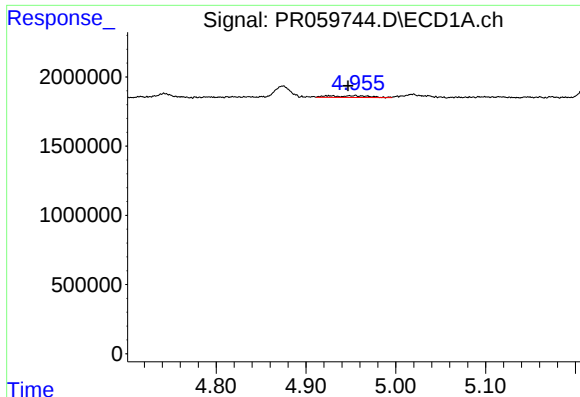
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.925 min
Response: 0
Conc: N.D.



#16 AR-1242-1

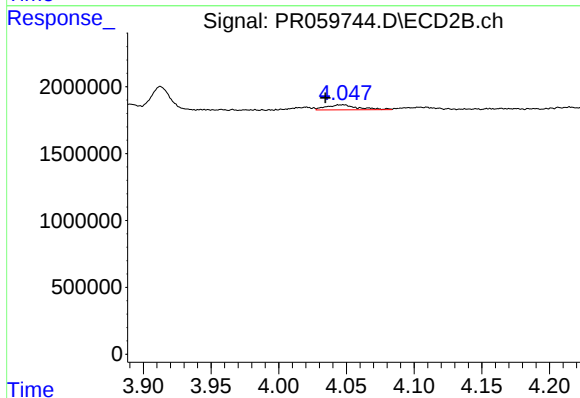
R.T.: 4.020 min
Delta R.T.: 0.003 min
Response: 224562
Conc: 2.03 ng/ml



#17 AR-1242-2

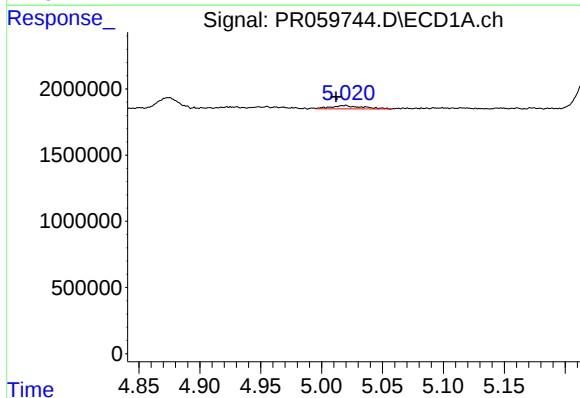
R.T.: 4.955 min
Delta R.T.: 0.008 min
Response: 397956
Conc: 3.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



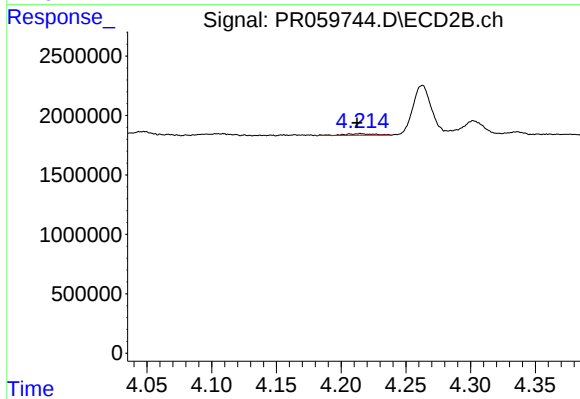
#17 AR-1242-2

R.T.: 4.047 min
Delta R.T.: 0.012 min
Response: 614616
Conc: 3.80 ng/ml



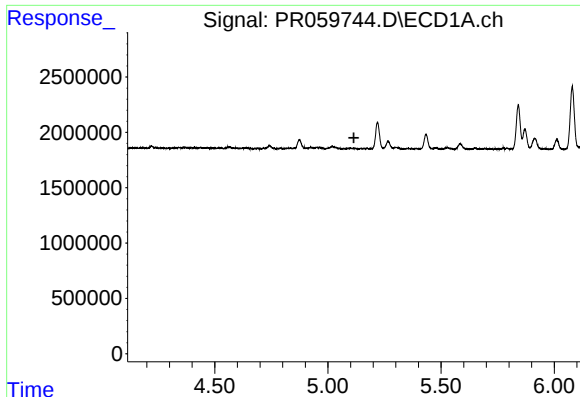
#18 AR-1242-3

R.T.: 5.019 min
Delta R.T.: 0.007 min
Response: 450429
Conc: 6.86 ng/ml



#18 AR-1242-3

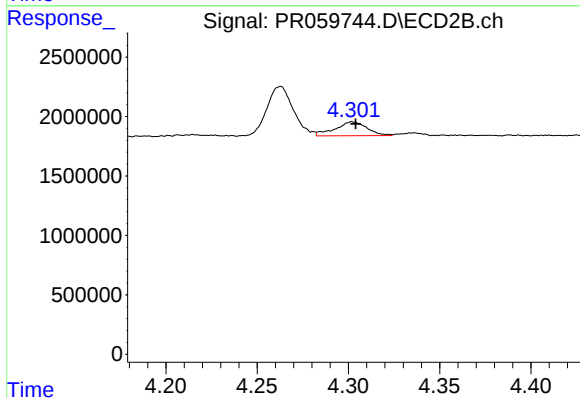
R.T.: 4.215 min
Delta R.T.: 0.003 min
Response: 191078
Conc: 2.29 ng/ml



#19 AR-1242-4

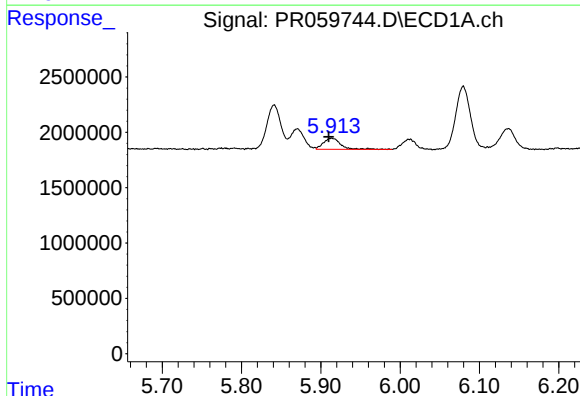
R.T.: 0.000 min
Exp R.T.: 5.115 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



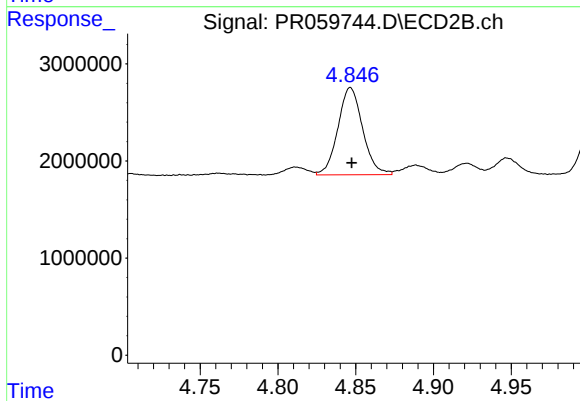
#19 AR-1242-4

R.T.: 4.302 min
Delta R.T.: -0.002 min
Response: 1432853
Conc: 17.78 ng/ml



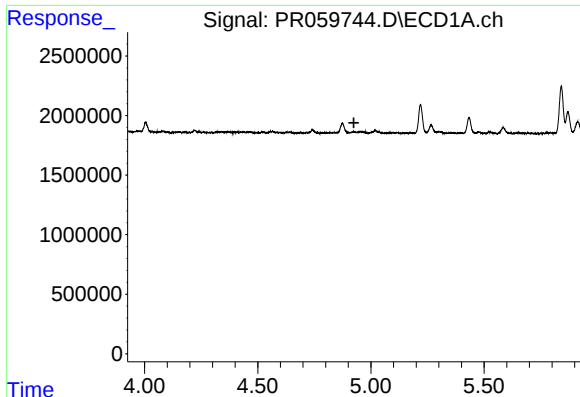
#20 AR-1242-5

R.T.: 5.914 min
Delta R.T.: 0.004 min
Response: 1554511
Conc: 28.98 ng/ml



#20 AR-1242-5

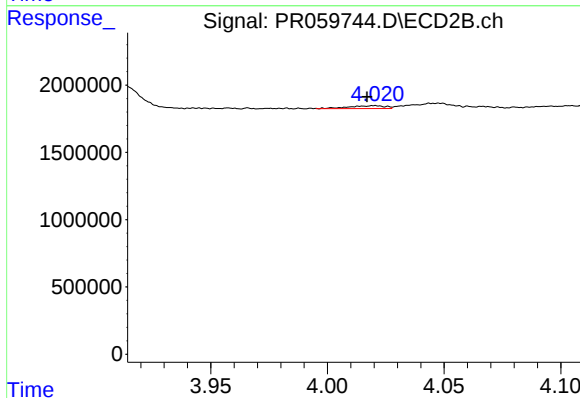
R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 9914232
Conc: 98.82 ng/ml



#21 AR-1248-1

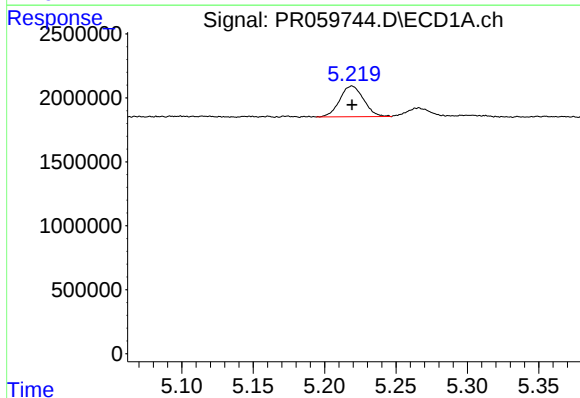
R.T.: 0.000 min
Exp R.T.: 4.925 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



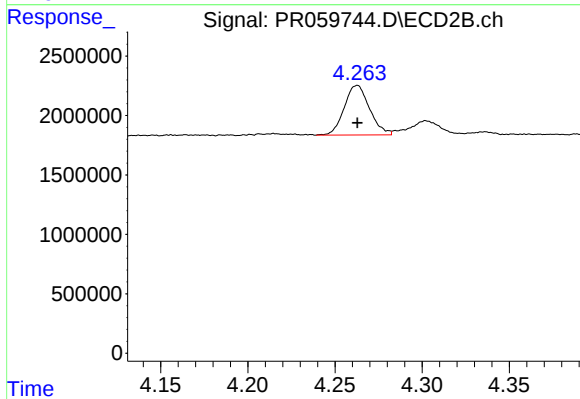
#21 AR-1248-1

R.T.: 4.020 min
Delta R.T.: 0.003 min
Response: 224562
Conc: 2.70 ng/ml



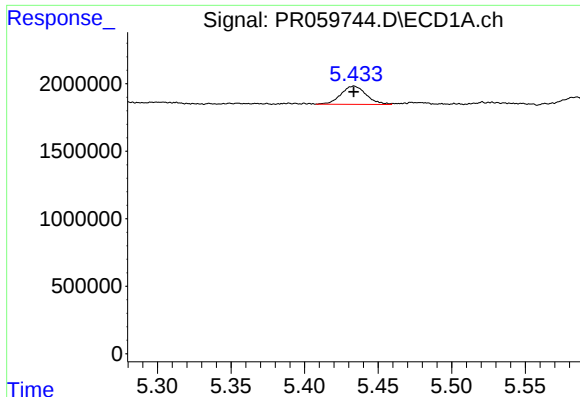
#22 AR-1248-2

R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 2790546
Conc: 37.67 ng/ml



#22 AR-1248-2

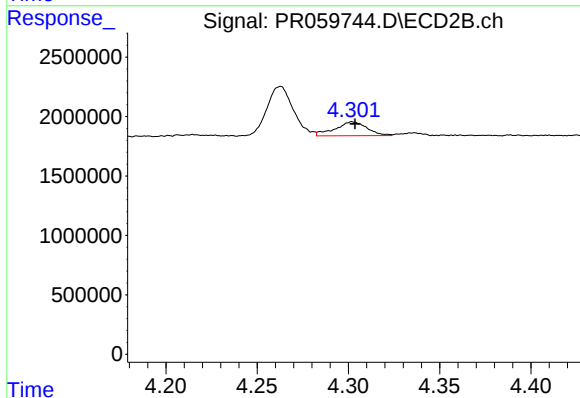
R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 4205572
Conc: 34.68 ng/ml



#23 AR-1248-3

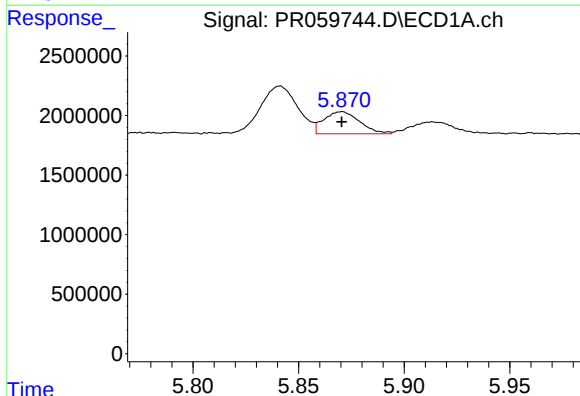
R.T.: 5.433 min
Delta R.T.: 0.000 min
Response: 1608791
Conc: 18.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



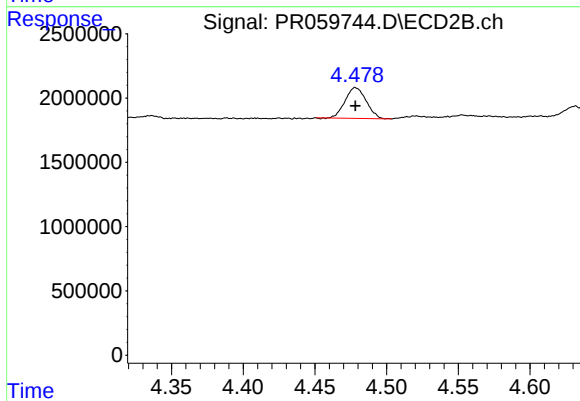
#23 AR-1248-3

R.T.: 4.302 min
Delta R.T.: -0.001 min
Response: 1432853
Conc: 11.73 ng/ml



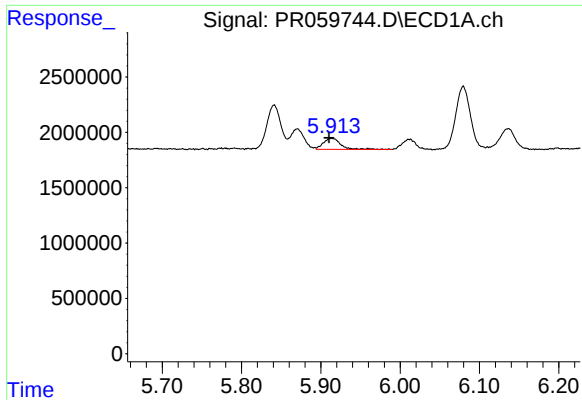
#24 AR-1248-4

R.T.: 5.870 min
Delta R.T.: 0.000 min
Response: 2191003
Conc: 24.50 ng/ml



#24 AR-1248-4

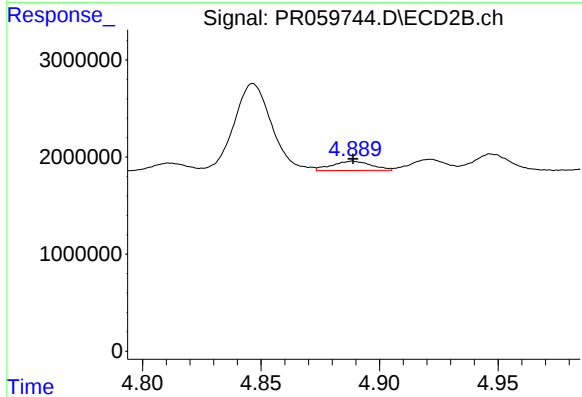
R.T.: 4.478 min
Delta R.T.: 0.000 min
Response: 2440967
Conc: 16.36 ng/ml



#25 AR-1248-5

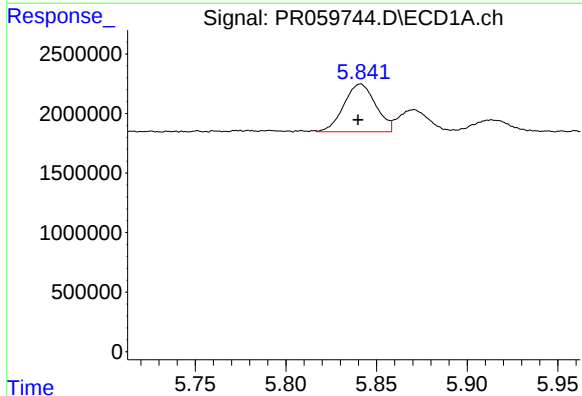
R.T.: 5.914 min
Delta R.T.: 0.003 min
Response: 1554511
Conc: 17.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



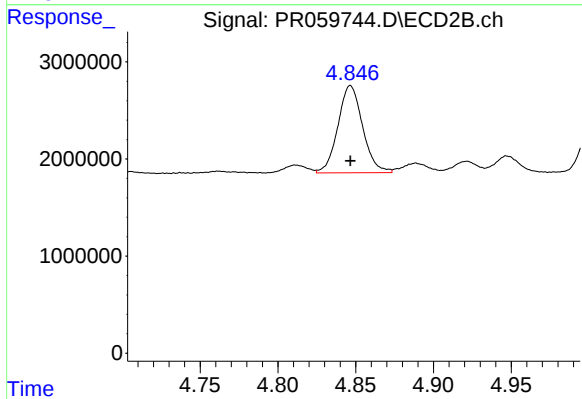
#25 AR-1248-5

R.T.: 4.889 min
Delta R.T.: 0.000 min
Response: 1109164
Conc: 8.01 ng/ml



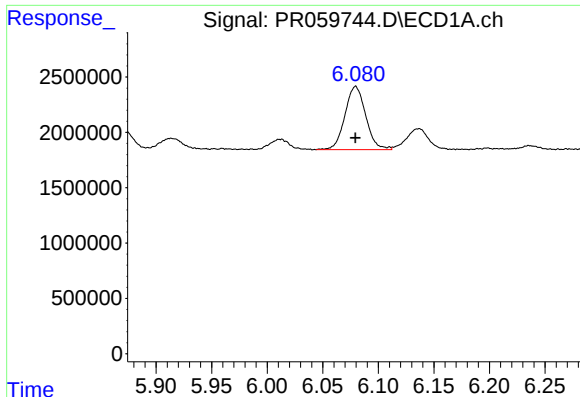
#26 AR-1254-1

R.T.: 5.841 min
Delta R.T.: 0.001 min
Response: 4892416
Conc: 52.55 ng/ml



#26 AR-1254-1

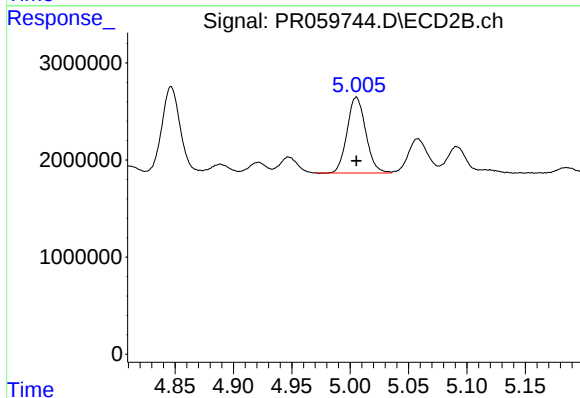
R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 9914232
Conc: 43.68 ng/ml



#27 AR-1254-2

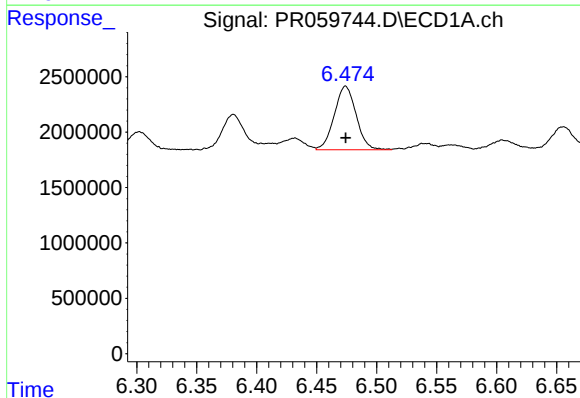
R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 7440998
Conc: 52.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



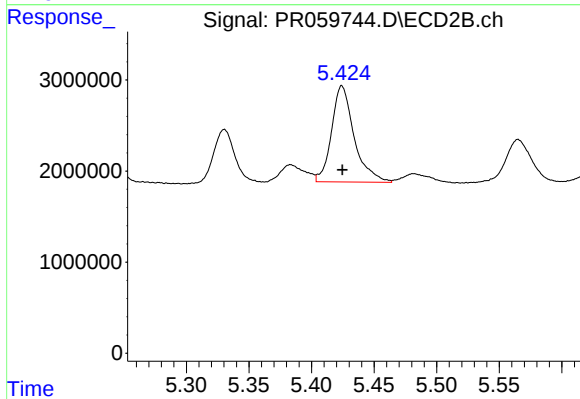
#27 AR-1254-2

R.T.: 5.005 min
Delta R.T.: 0.000 min
Response: 8718583
Conc: 44.73 ng/ml



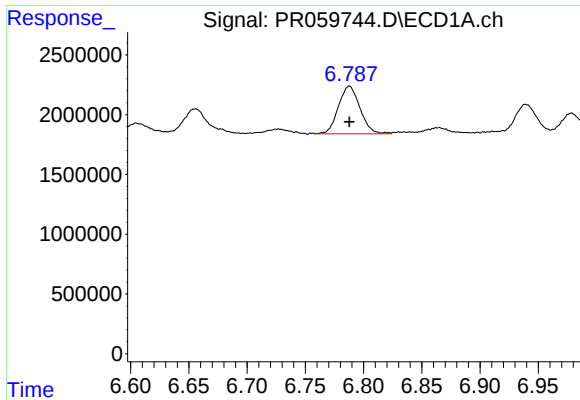
#28 AR-1254-3

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 7275630
Conc: 49.54 ng/ml



#28 AR-1254-3

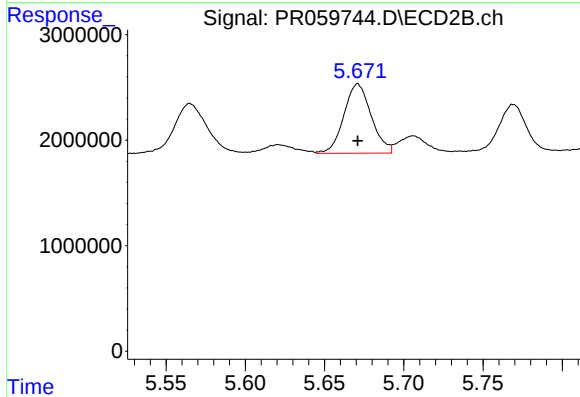
R.T.: 5.424 min
Delta R.T.: 0.000 min
Response: 13285326
Conc: 42.75 ng/ml



#29 AR-1254-4

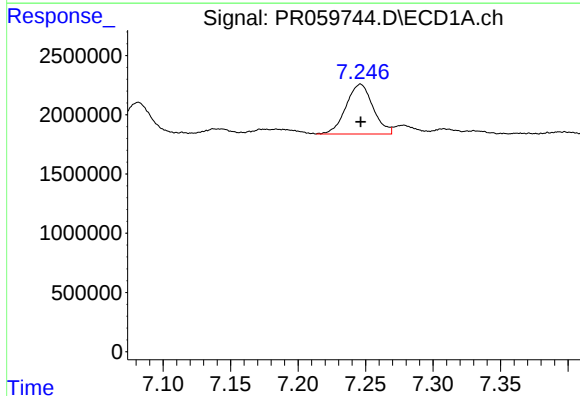
R.T.: 6.788 min
Delta R.T.: 0.000 min
Response: 5146208
Conc: 48.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



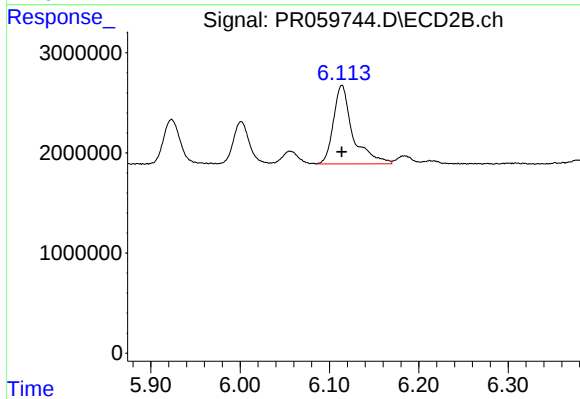
#29 AR-1254-4

R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 7886577
Conc: 43.71 ng/ml



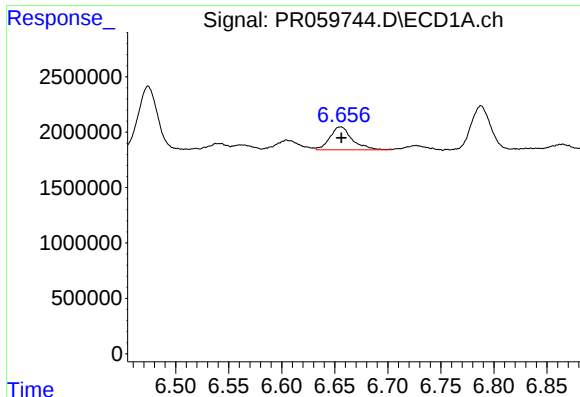
#30 AR-1254-5

R.T.: 7.246 min
Delta R.T.: 0.000 min
Response: 5862573
Conc: 49.28 ng/ml



#30 AR-1254-5

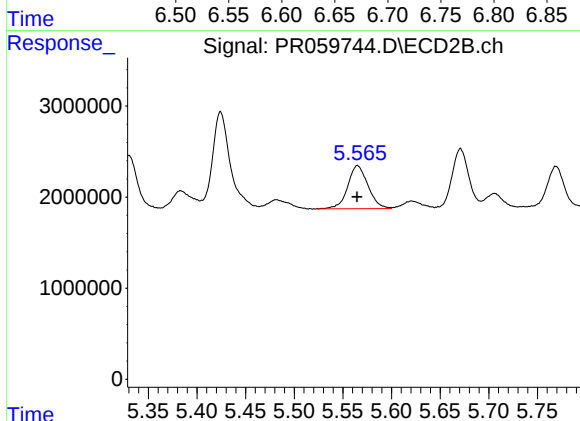
R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 11832788
Conc: 43.01 ng/ml



#31 AR-1260-1

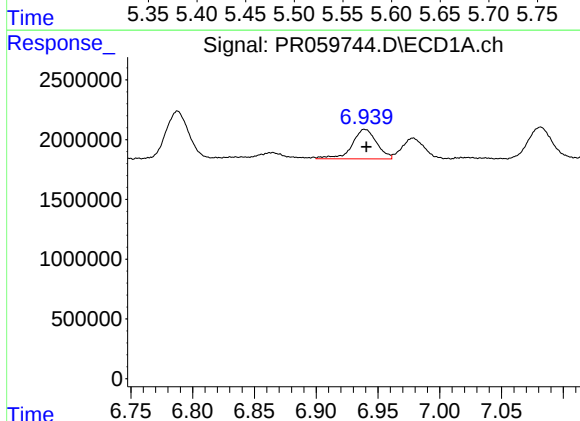
R.T.: 6.655 min
Delta R.T.: -0.001 min
Response: 3051031
Conc: 25.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



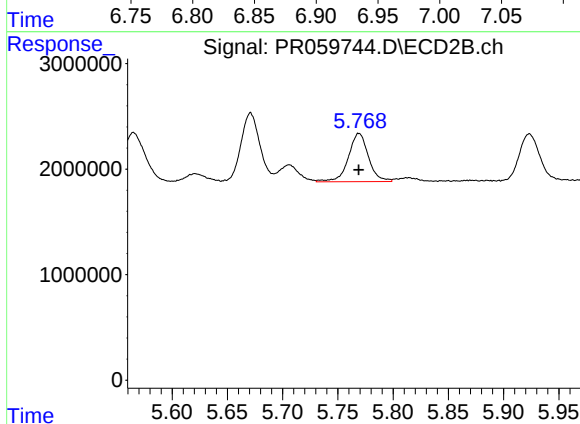
#31 AR-1260-1

R.T.: 5.565 min
Delta R.T.: 0.000 min
Response: 6900863
Conc: 30.03 ng/ml



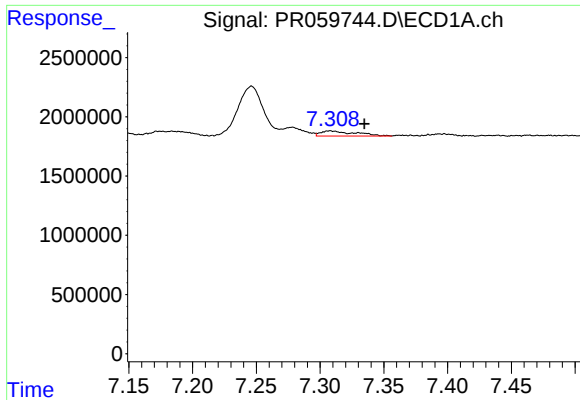
#32 AR-1260-2

R.T.: 6.939 min
Delta R.T.: -0.001 min
Response: 3427523
Conc: 24.62 ng/ml



#32 AR-1260-2

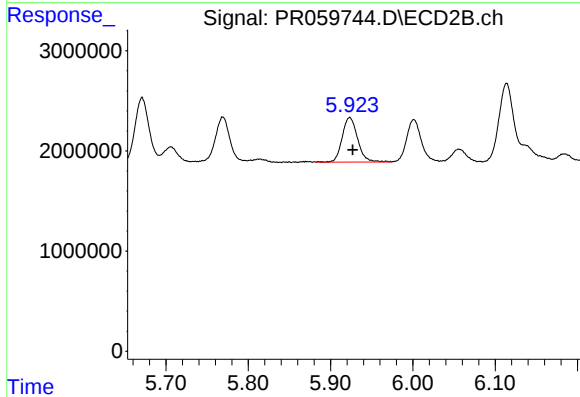
R.T.: 5.769 min
Delta R.T.: 0.000 min
Response: 5800379
Conc: 21.45 ng/ml



#33 AR-1260-3

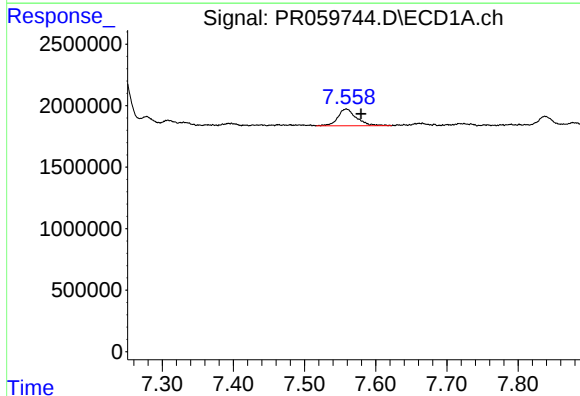
R.T.: 7.308 min
Delta R.T.: -0.027 min
Response: 831543
Conc: 7.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



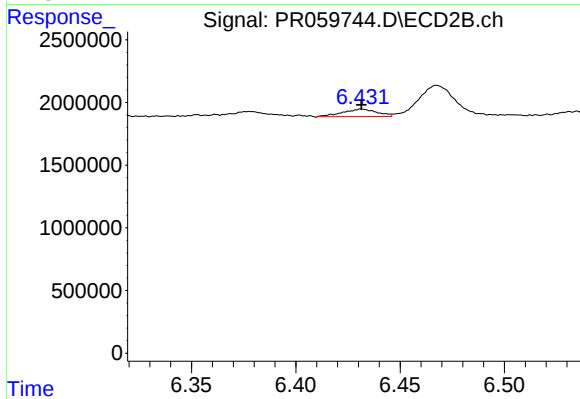
#33 AR-1260-3

R.T.: 5.923 min
Delta R.T.: -0.004 min
Response: 5804489
Conc: 22.59 ng/ml



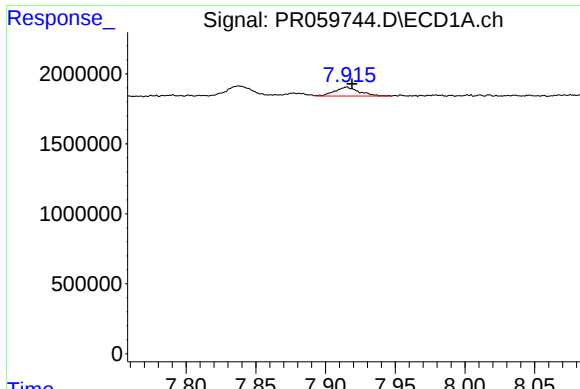
#34 AR-1260-4

R.T.: 7.559 min
Delta R.T.: -0.021 min
Response: 2475520
Conc: 20.17 ng/ml



#34 AR-1260-4

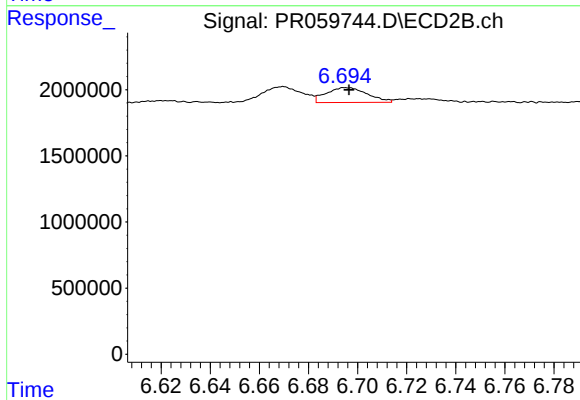
R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 681990
Conc: 3.20 ng/ml



#35 AR-1260-5

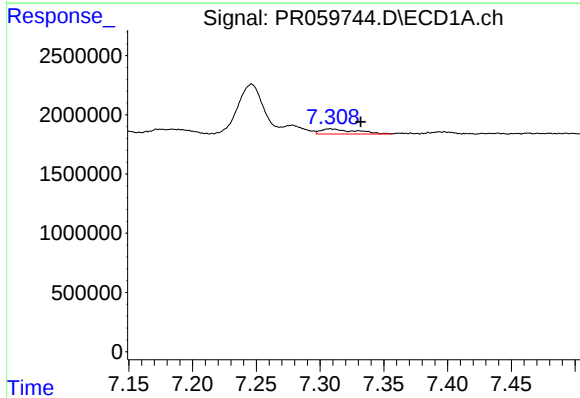
R.T.: 7.915 min
Delta R.T.: -0.004 min
Response: 771887
Conc: 3.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



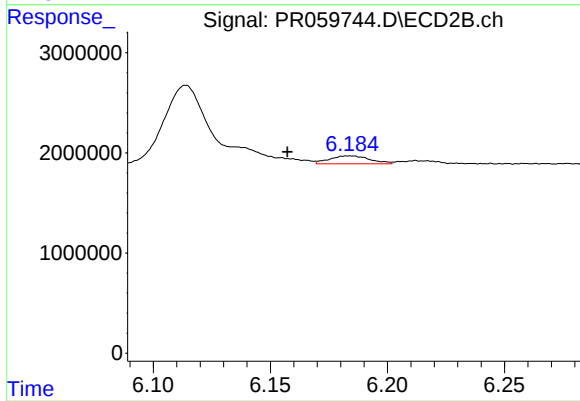
#35 AR-1260-5

R.T.: 6.696 min
Delta R.T.: 0.000 min
Response: 1305489
Conc: 2.71 ng/ml



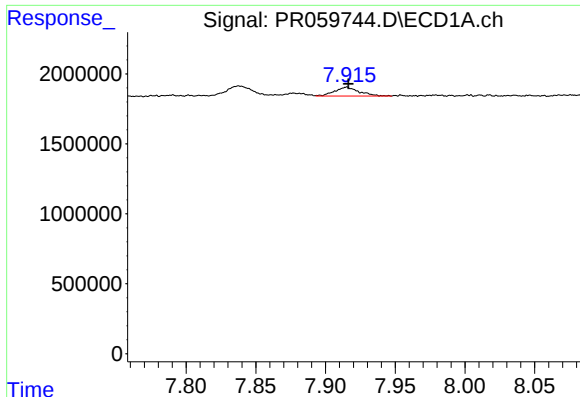
#36 AR-1262-1

R.T.: 7.308 min
Delta R.T.: -0.024 min
Response: 831543
Conc: 5.94 ng/ml



#36 AR-1262-1

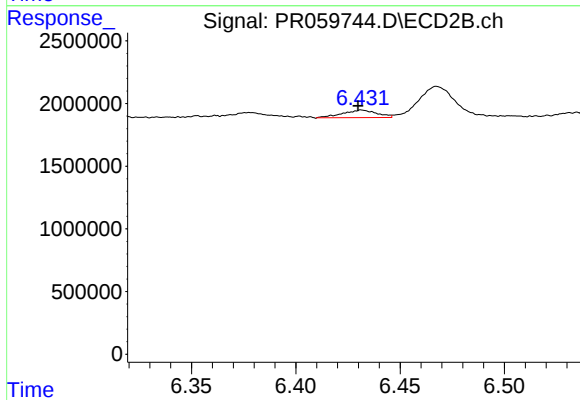
R.T.: 6.184 min
Delta R.T.: 0.026 min
Response: 950846
Conc: 3.29 ng/ml



#37 AR-1262-2

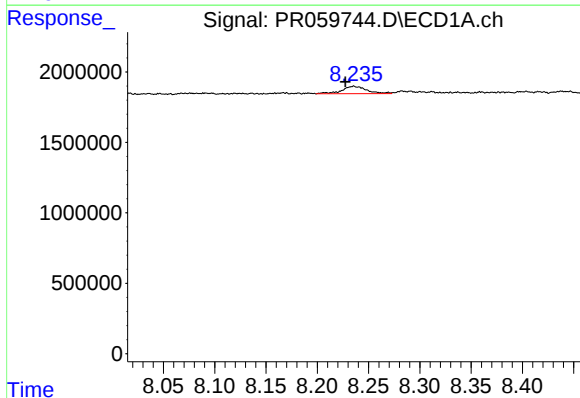
R.T.: 7.915 min
Delta R.T.: -0.001 min
Response: 771887
Conc: 3.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



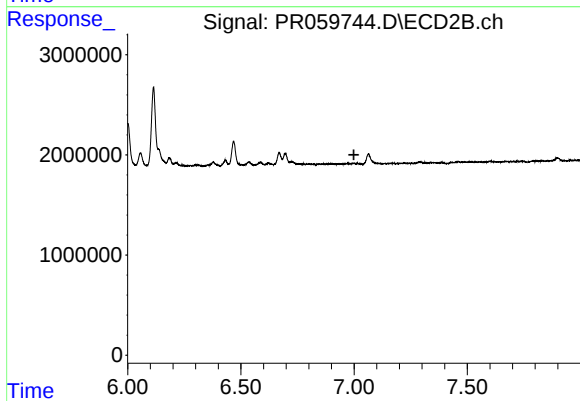
#37 AR-1262-2

R.T.: 6.432 min
Delta R.T.: 0.002 min
Response: 681990
Conc: 2.65 ng/ml



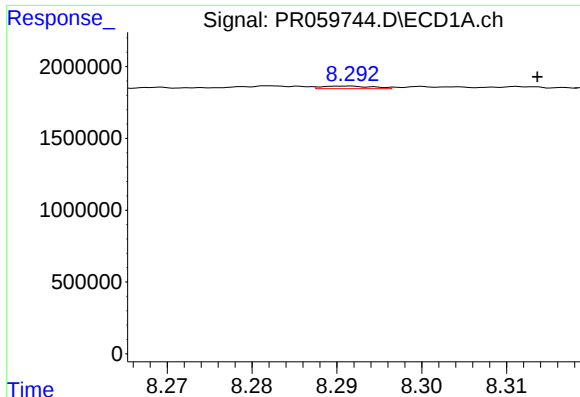
#38 AR-1262-3

R.T.: 8.236 min
Delta R.T.: 0.008 min
Response: 899314
Conc: 5.26 ng/ml



#38 AR-1262-3

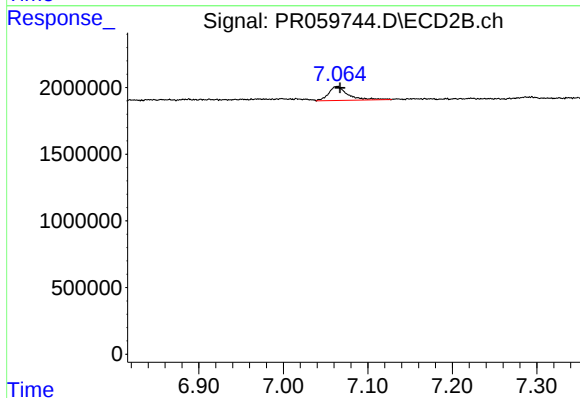
R.T.: 0.000 min
Exp R.T. : 6.999 min
Response: 0
Conc: N.D.



#39 AR-1262-4

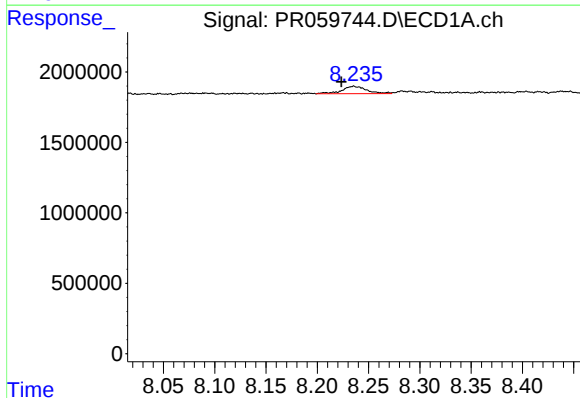
R.T.: 8.291 min
Delta R.T.: -0.023 min
Response: 76372
Conc: 0.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



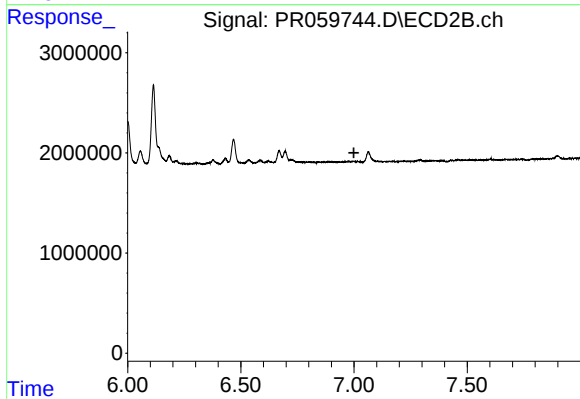
#39 AR-1262-4

R.T.: 7.063 min
Delta R.T.: -0.004 min
Response: 1676256
Conc: 4.59 ng/ml



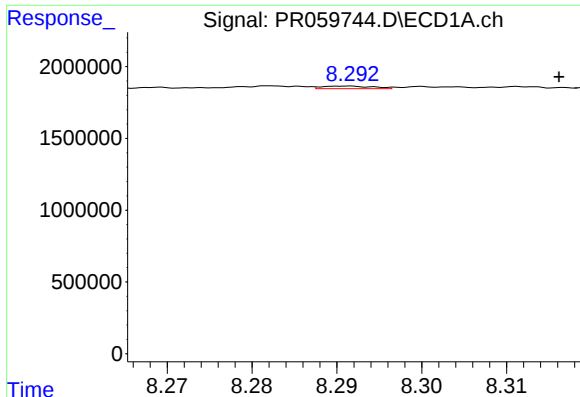
#41 AR-1268-1

R.T.: 8.236 min
Delta R.T.: 0.012 min
Response: 899314
Conc: 2.93 ng/ml



#41 AR-1268-1

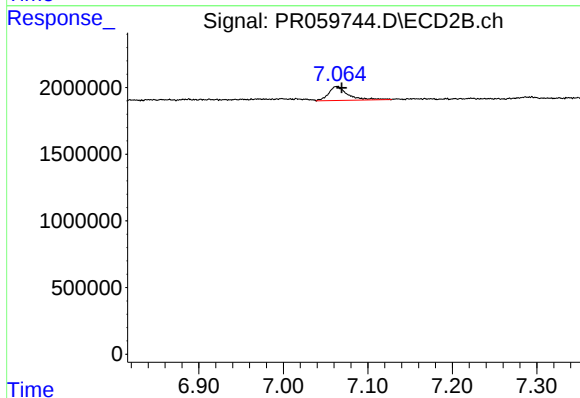
R.T.: 0.000 min
Exp R.T.: 7.000 min
Response: 0
Conc: N.D.



#42 AR-1268-2

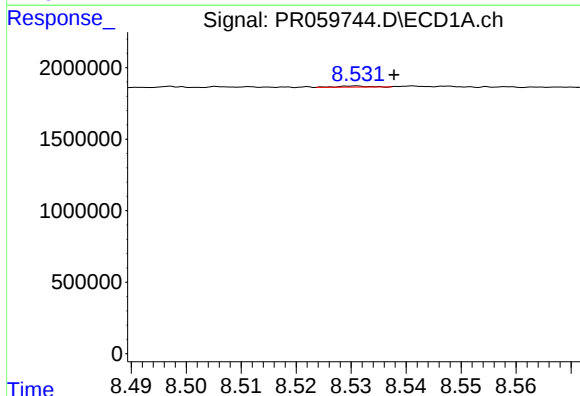
R.T.: 8.291 min
Delta R.T.: -0.025 min
Response: 76372
Conc: 0.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



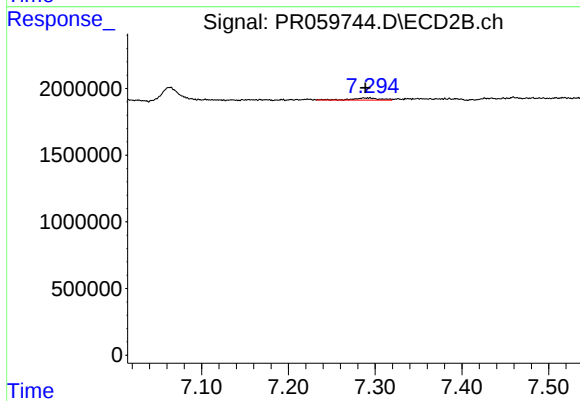
#42 AR-1268-2

R.T.: 7.063 min
Delta R.T.: -0.006 min
Response: 1676256
Conc: 3.02 ng/ml



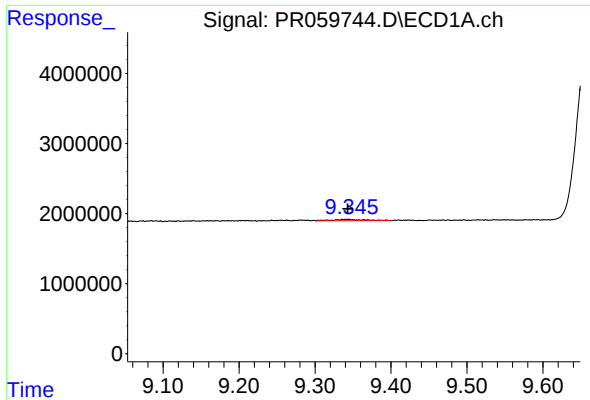
#43 AR-1268-3

R.T.: 8.531 min
Delta R.T.: -0.007 min
Response: 26157
Conc: 0.10 ng/ml



#43 AR-1268-3

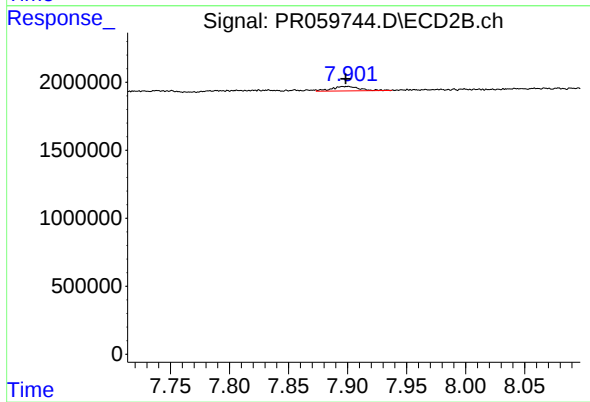
R.T.: 7.294 min
Delta R.T.: 0.005 min
Response: 344779
Conc: 0.71 ng/ml



#45 AR-1268-5

R.T.: 9.344 min
Delta R.T.: 0.000 min
Response: 536822
Conc: 0.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.900 min
Delta R.T.: 0.002 min
Response: 552904
Conc: 0.38 ng/ml