

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040823\
 Data File : PR060763.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2023 04:17
 Operator : AJ\MA
 Sample : 02213-02
 Misc : AR1242 LOQ 50 PPB
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 01:11:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 07 15:47:54 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...	3.687	2.901	66117040	85195890	21.657	20.019
2)	SA Decachlor...	9.654	8.125	65533129	90950186	23.101	20.921
Target Compounds							
3)	L1 AR-1016-1	4.922	4.009	5375655	5868728	48.559	39.689
4)	L1 AR-1016-2	4.943	4.026	7495934	8308587	48.164	39.168
5)	L1 AR-1016-3	5.009	4.204	4829389	4386248	49.498	39.804
6)	L1 AR-1016-4	5.112	4.255	3659476	3542616	47.026	41.442
7)	L1 AR-1016-5	5.430	4.470	4013593	4715063	50.464	41.285
8)	L2 AR-1221-1	3.903	3.121	1086610	1028172	27.428	21.648
9)	L2 AR-1221-2	4.001	3.204	1484272	1927551	51.120	54.337
10)	L2 AR-1221-3	4.079	3.285	2907303	3507741	32.518	30.997
11)	L3 AR-1232-1	4.079	3.285	2907303	3507741	39.054	37.600
12)	L3 AR-1232-2	4.634	4.026	3845996	8308587	105.796	90.851
13)	L3 AR-1232-3	4.943	4.204	7495934	4386248	106.384	94.679
14)	L3 AR-1232-4	5.112	4.296	3659476	4410790	106.093	108.041
15)	L3 AR-1232-5	5.216	4.470	3107232	4715063	118.565	100.347
16)	L4 AR-1242-1	4.922	4.009	5375655	5868728	60.917	50.530
17)	L4 AR-1242-2	4.943	4.026	7495934	8308587	60.424	49.829
18)	L4 AR-1242-3	5.009	4.204	4829389	4386248	61.811	51.125
19)	L4 AR-1242-4	5.112	4.296	3659476	4410790	58.435	54.534
20)	L4 AR-1242-5	5.906	4.838	4230623	5614899	61.105	52.122
21)	L5 AR-1248-1	4.922	4.009	5375655	5868728	80.894	68.252
22)	L5 AR-1248-2	5.216	4.255	3107232	3542616	34.995	29.463
23)	L5 AR-1248-3	5.430	4.296	4013593	4410790	38.122	36.184
24)	L5 AR-1248-4	5.867	4.470	3817439	4715063	31.752	31.237
25)	L5 AR-1248-5	5.906	4.879	4230623	4827388	35.738	31.407
26)	L6 AR-1254-1	5.836	4.838	3007843	5614899	24.973	23.223
27)	L6 AR-1254-2	6.076	4.997	3814856	1076768	20.009	5.153 #
28)	L6 AR-1254-3	6.471	5.416	1697059	1995849	8.270	5.735 #
29)	L6 AR-1254-4	6.785	5.661	915992	1828027	5.884	8.291 #
30)	L6 AR-1254-5	7.243	6.105	825283	717356	4.905	2.238 #
31)	L7 AR-1260-1	6.646	5.547	262505	3312245	1.648	13.514 #
32)	L7 AR-1260-2	6.926	5.766	636753	242302	3.300	0.780 #
33)	L7 AR-1260-3	0.000	5.920	0	715866	N.D.	2.550 #
34)	L7 AR-1260-4	7.577	0.000	124622	0	0.762	N.D. #
36)	L8 AR-1262-1	0.000	6.133f	0	87483	N.D.	0.277 #
39)	L8 AR-1262-4	0.000	7.069	0	609346	N.D.	1.417 #
40)	L8 AR-1262-5	8.943	0.000	169717	0	1.355	N.D. #
42)	L9 AR-1268-2	0.000	7.069	0	609346	N.D.	0.911 #
43)	L9 AR-1268-3	8.535	7.274	194654	2712034	0.607	4.772 #
44)	L9 AR-1268-4	8.943	0.000	169717	0	1.181	N.D. #
45)	L9 AR-1268-5	9.336	7.885	287294	605949	0.272	0.322

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Misc : AR1242 LOQ 50 PPB
ALS Vial : 54 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040823.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 07 15:47:54 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

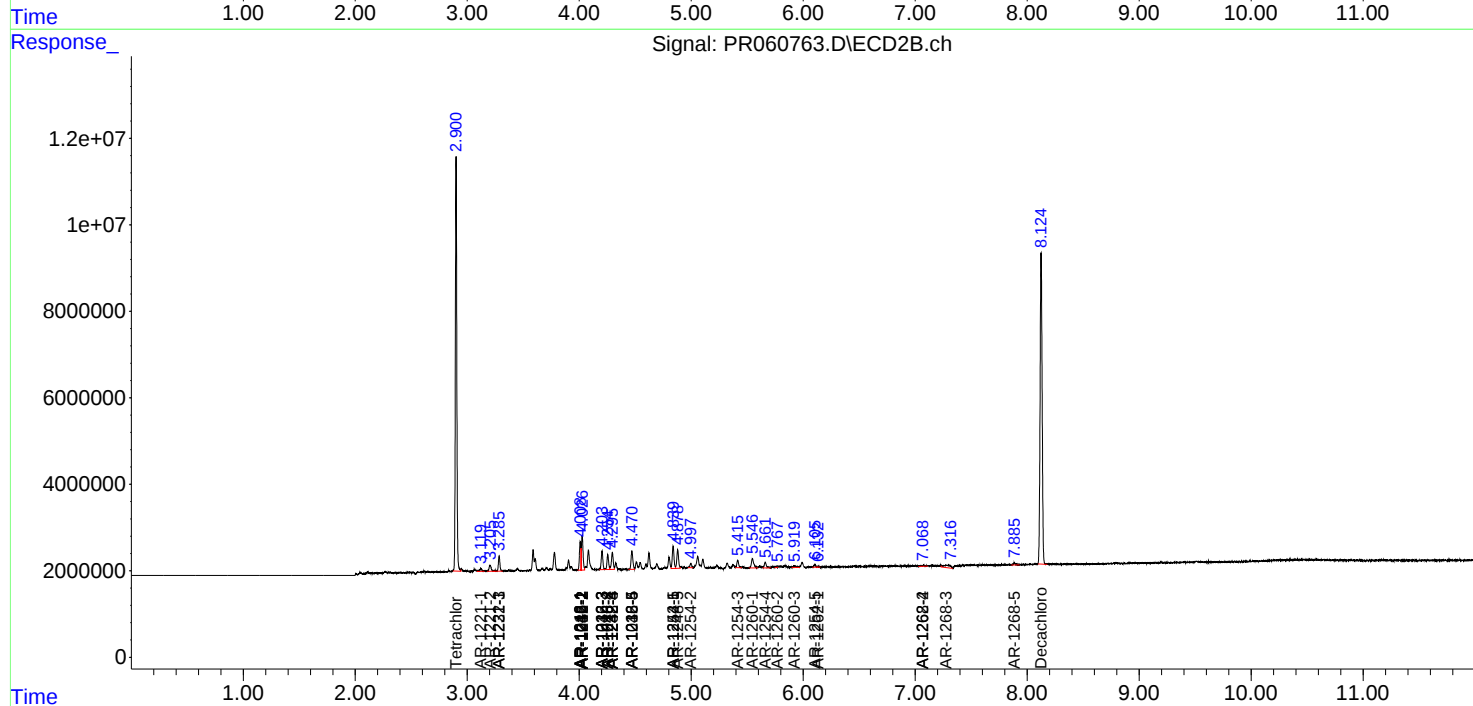
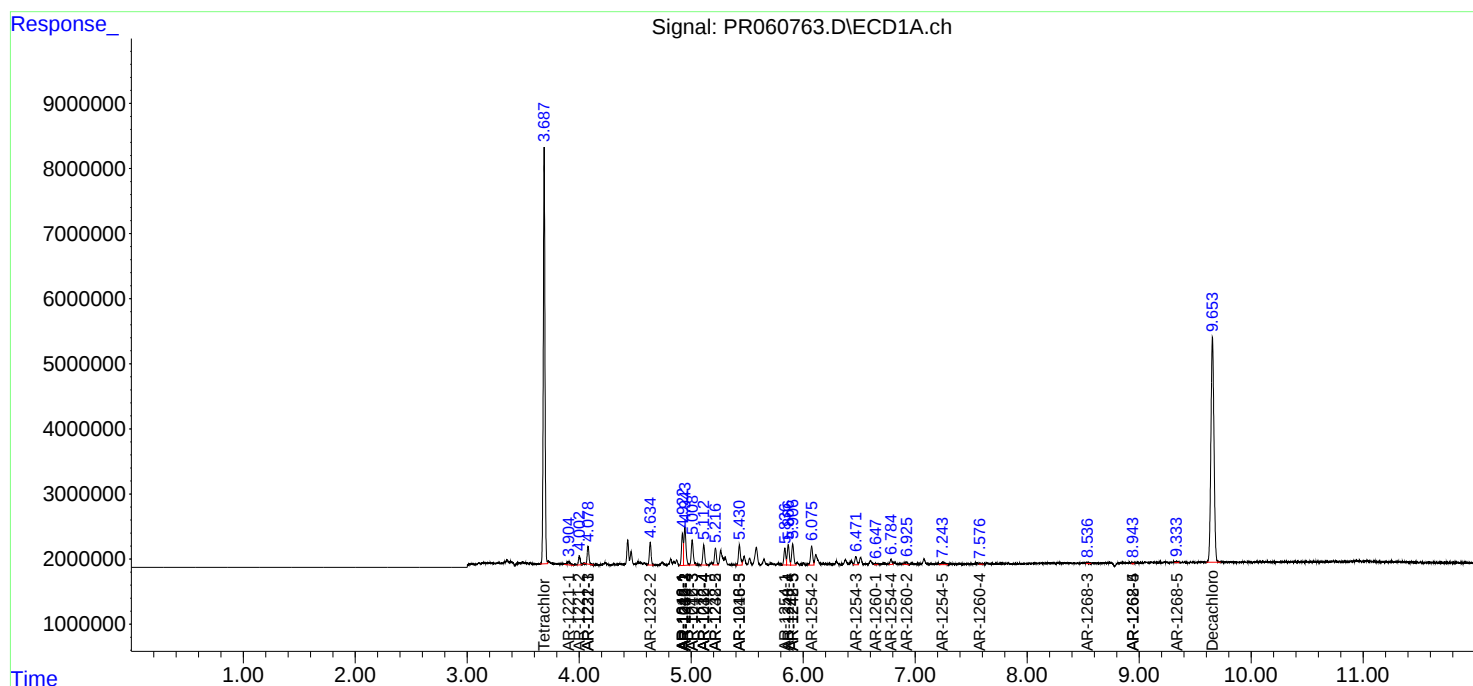
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

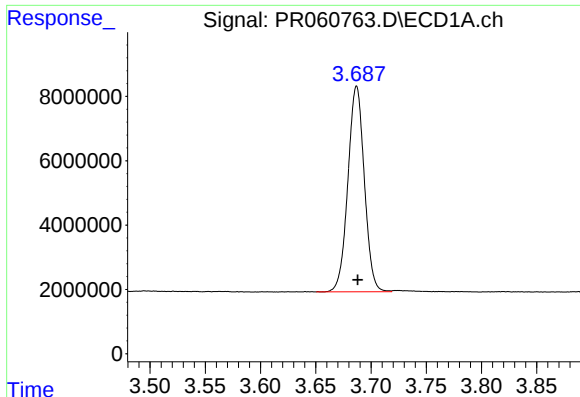
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040823\
Data File : PR060763.D
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

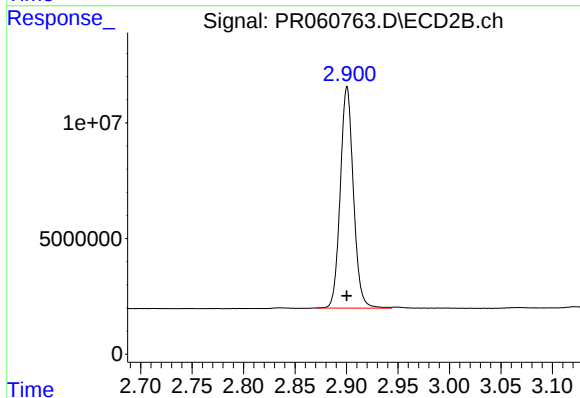




#1 Tetrachloro-m-xylene

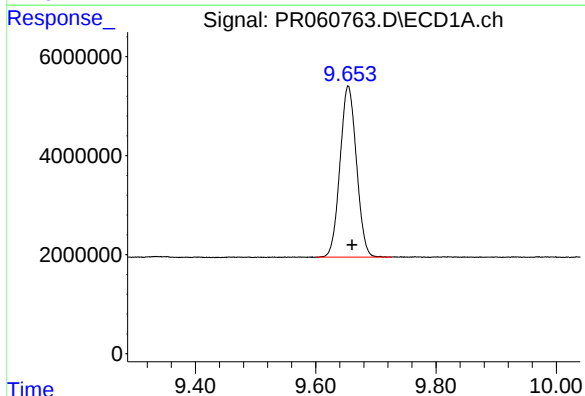
R.T.: 3.687 min
Delta R.T.: -0.001 min
Response: 66117040
Conc: 21.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



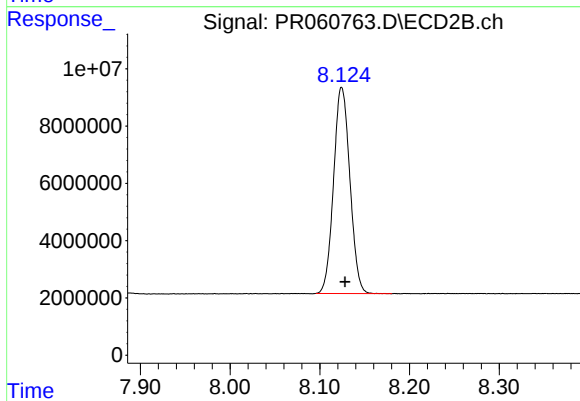
#1 Tetrachloro-m-xylene

R.T.: 2.901 min
Delta R.T.: 0.000 min
Response: 85195890
Conc: 20.02 ng/ml



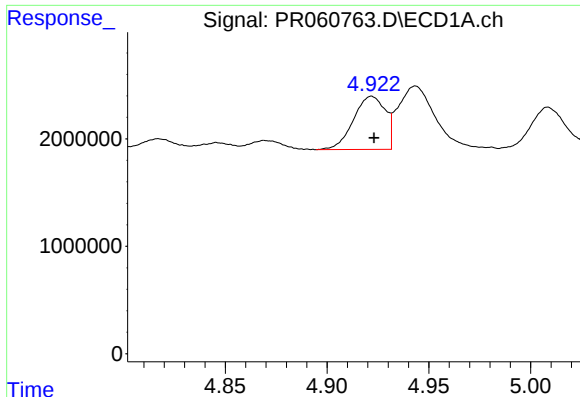
#2 Decachlorobiphenyl

R.T.: 9.654 min
Delta R.T.: -0.007 min
Response: 65533129
Conc: 23.10 ng/ml



#2 Decachlorobiphenyl

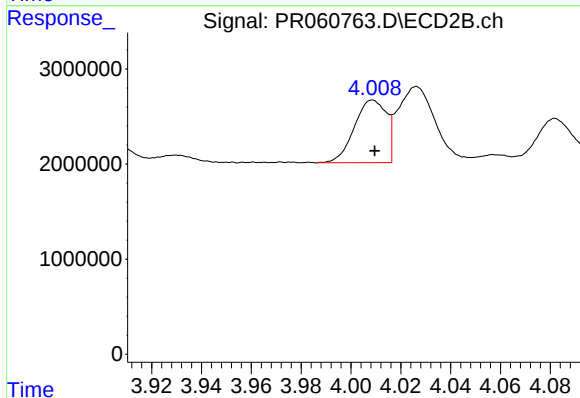
R.T.: 8.125 min
Delta R.T.: -0.004 min
Response: 90950186
Conc: 20.92 ng/ml



#3 AR-1016-1

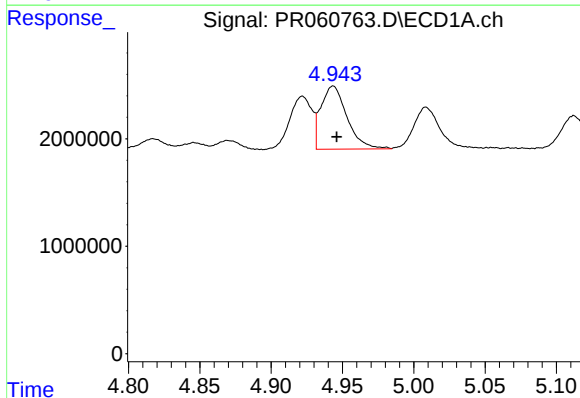
R.T.: 4.922 min
Delta R.T.: -0.001 min
Response: 5375655
Conc: 48.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



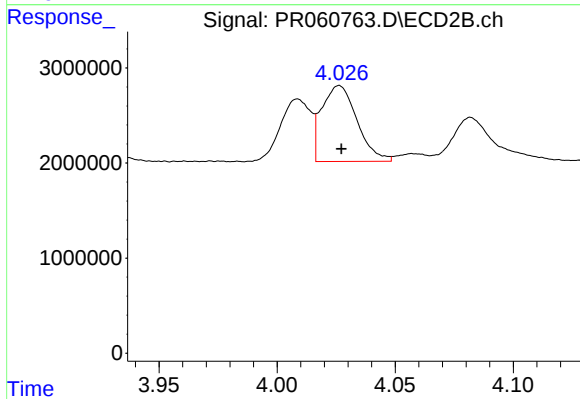
#3 AR-1016-1

R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 5868728
Conc: 39.69 ng/ml



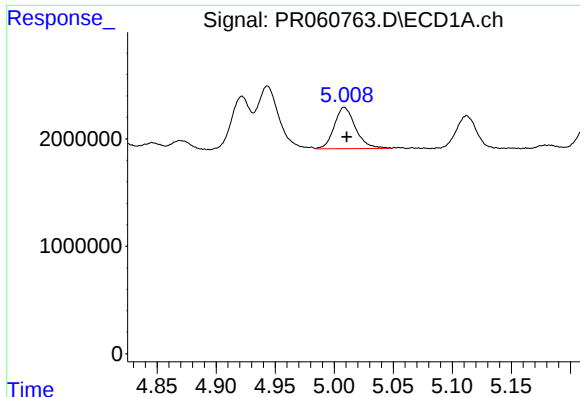
#4 AR-1016-2

R.T.: 4.943 min
Delta R.T.: -0.002 min
Response: 7495934
Conc: 48.16 ng/ml



#4 AR-1016-2

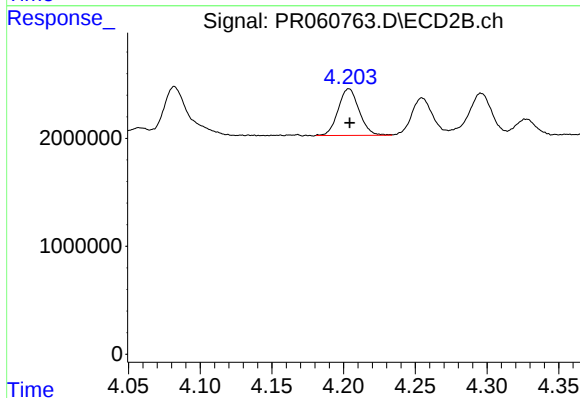
R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 8308587
Conc: 39.17 ng/ml



#5 AR-1016-3

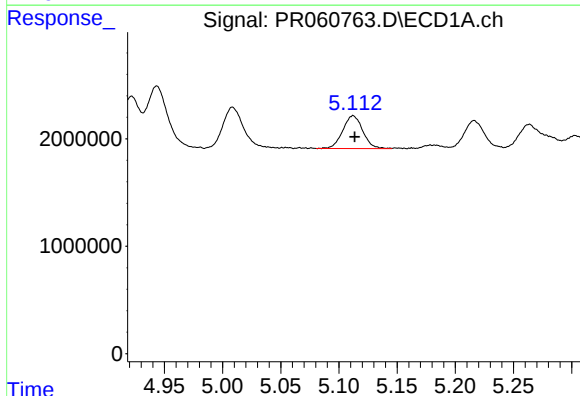
R.T.: 5.009 min
Delta R.T.: -0.002 min
Response: 4829389
Conc: 49.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



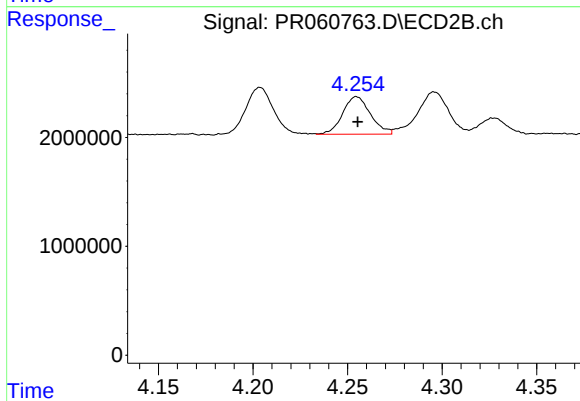
#5 AR-1016-3

R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 4386248
Conc: 39.80 ng/ml



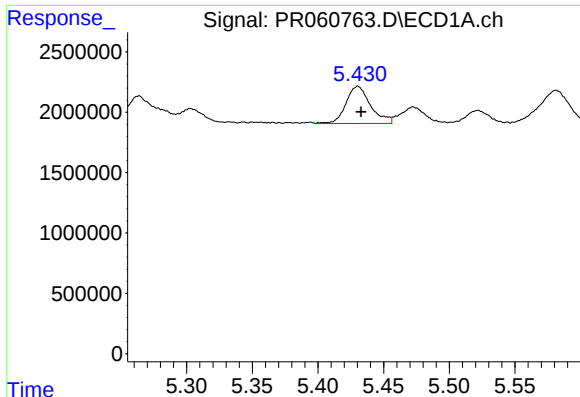
#6 AR-1016-4

R.T.: 5.112 min
Delta R.T.: -0.001 min
Response: 3659476
Conc: 47.03 ng/ml



#6 AR-1016-4

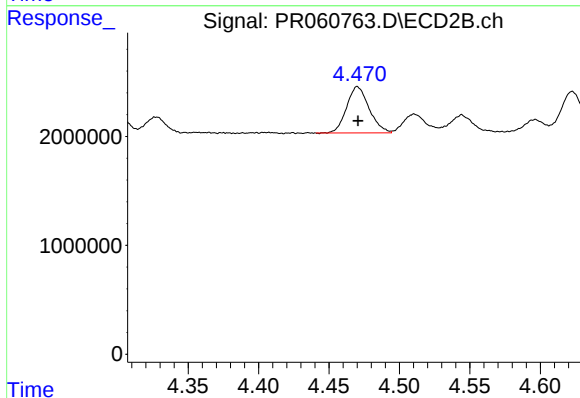
R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 3542616
Conc: 41.44 ng/ml



#7 AR-1016-5

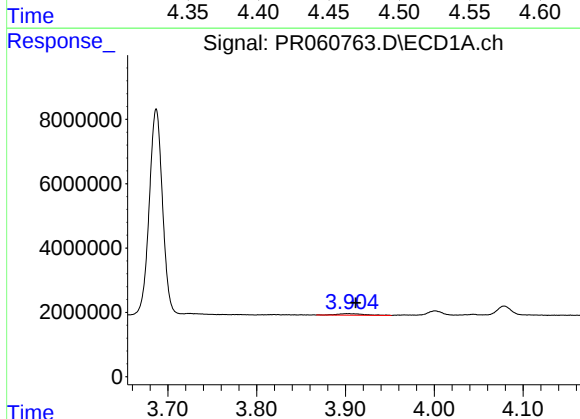
R.T.: 5.430 min
Delta R.T.: -0.003 min
Response: 4013593
Conc: 50.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



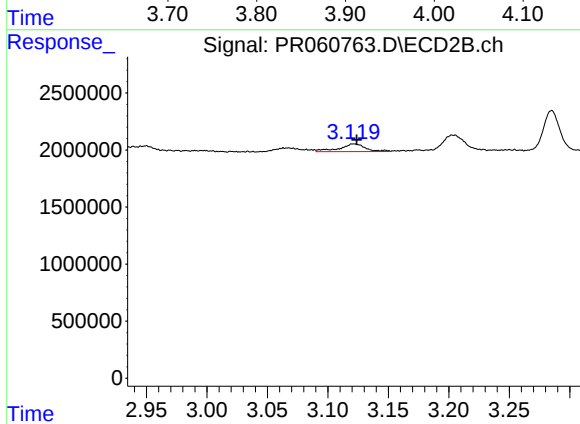
#7 AR-1016-5

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 4715063
Conc: 41.29 ng/ml



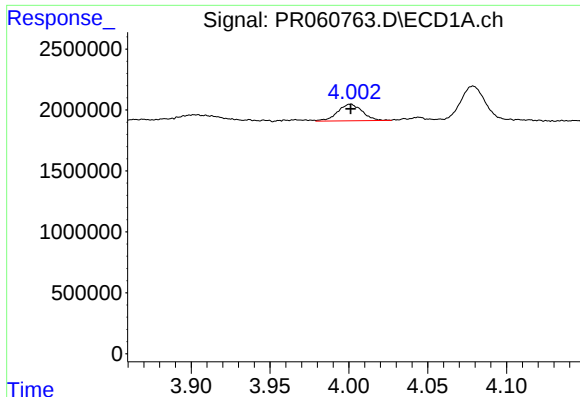
#8 AR-1221-1

R.T.: 3.903 min
Delta R.T.: -0.009 min
Response: 1086610
Conc: 27.43 ng/ml



#8 AR-1221-1

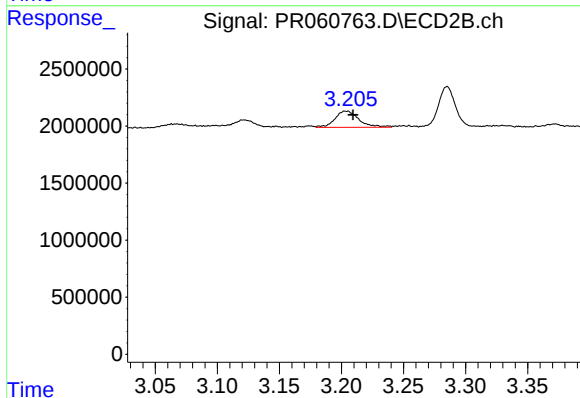
R.T.: 3.121 min
Delta R.T.: -0.002 min
Response: 1028172
Conc: 21.65 ng/ml



#9 AR-1221-2

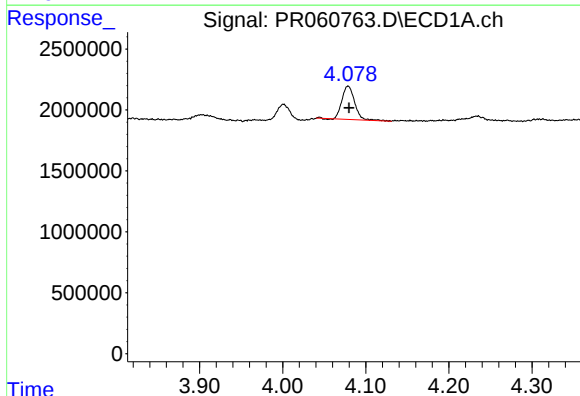
R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 1484272
Conc: 51.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



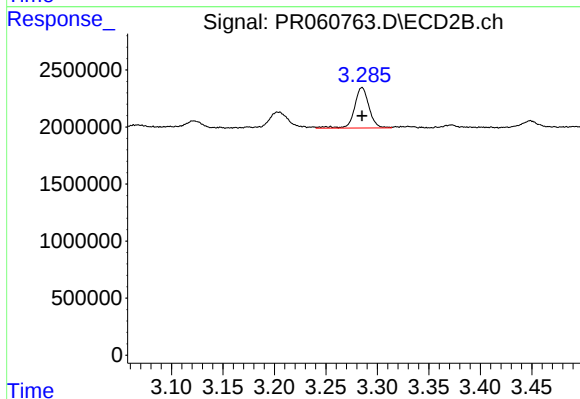
#9 AR-1221-2

R.T.: 3.204 min
Delta R.T.: -0.005 min
Response: 1927551
Conc: 54.34 ng/ml



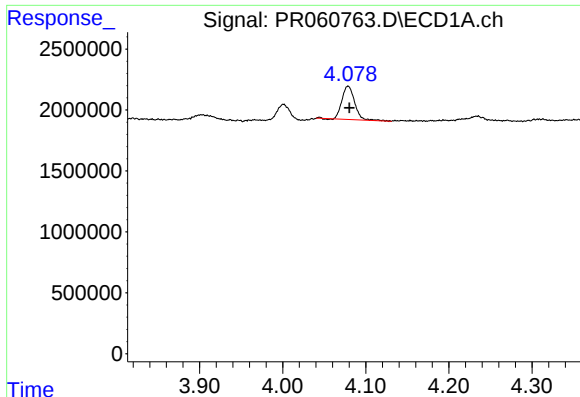
#10 AR-1221-3

R.T.: 4.079 min
Delta R.T.: -0.001 min
Response: 2907303
Conc: 32.52 ng/ml



#10 AR-1221-3

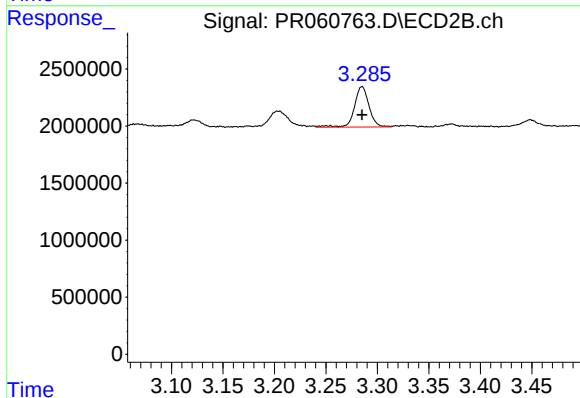
R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 3507741
Conc: 31.00 ng/ml



#11 AR-1232-1

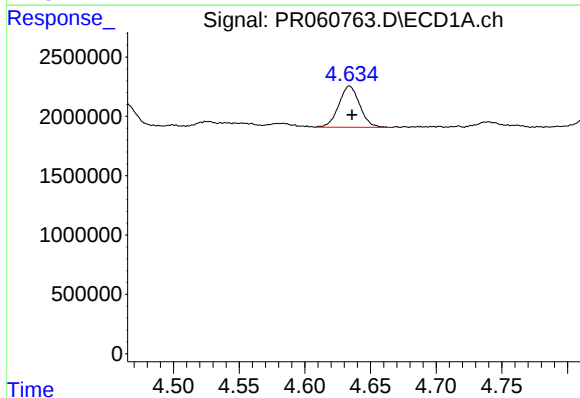
R.T.: 4.079 min
Delta R.T.: -0.002 min
Response: 2907303
Conc: 39.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



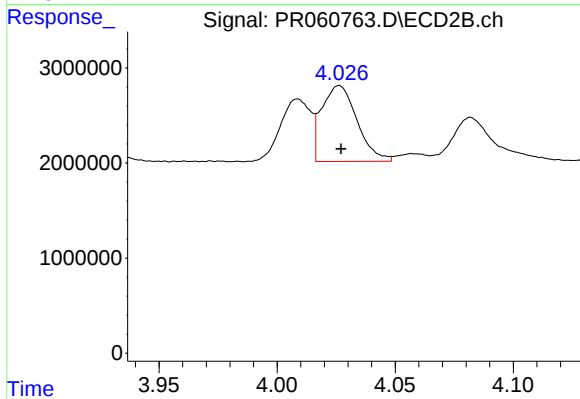
#11 AR-1232-1

R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 3507741
Conc: 37.60 ng/ml



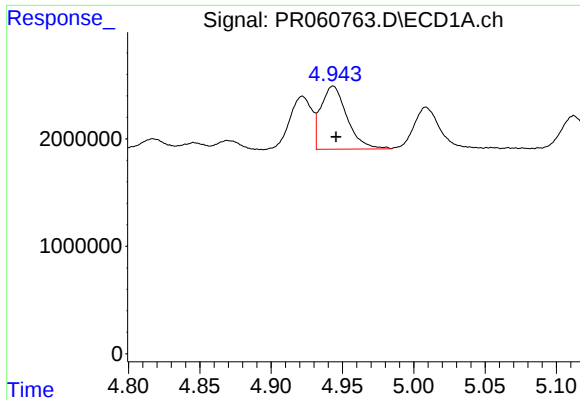
#12 AR-1232-2

R.T.: 4.634 min
Delta R.T.: -0.002 min
Response: 3845996
Conc: 105.80 ng/ml



#12 AR-1232-2

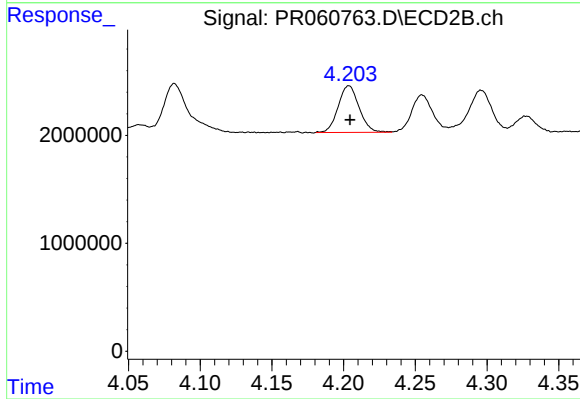
R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 8308587
Conc: 90.85 ng/ml



#13 AR-1232-3

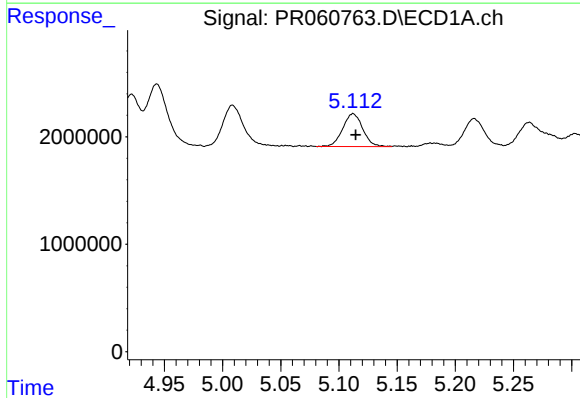
R.T.: 4.943 min
Delta R.T.: -0.002 min
Response: 7495934
Conc: 106.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



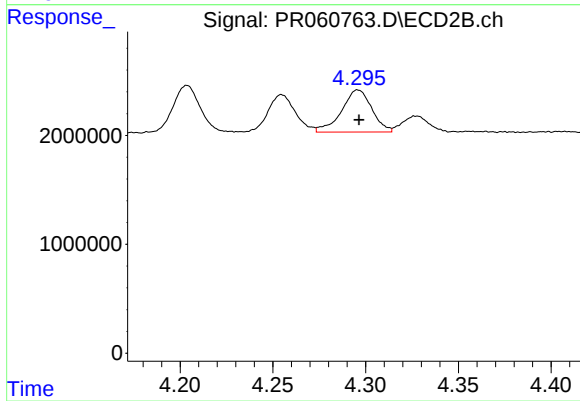
#13 AR-1232-3

R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 4386248
Conc: 94.68 ng/ml



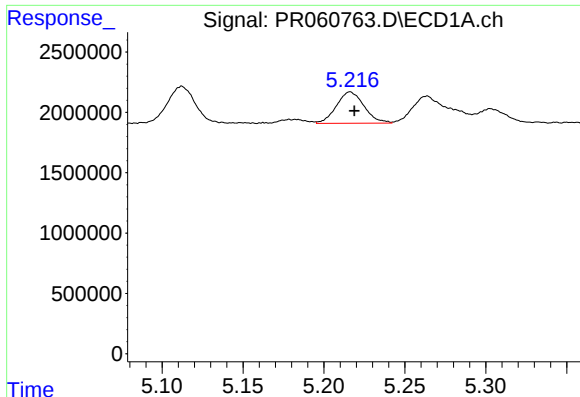
#14 AR-1232-4

R.T.: 5.112 min
Delta R.T.: -0.002 min
Response: 3659476
Conc: 106.09 ng/ml



#14 AR-1232-4

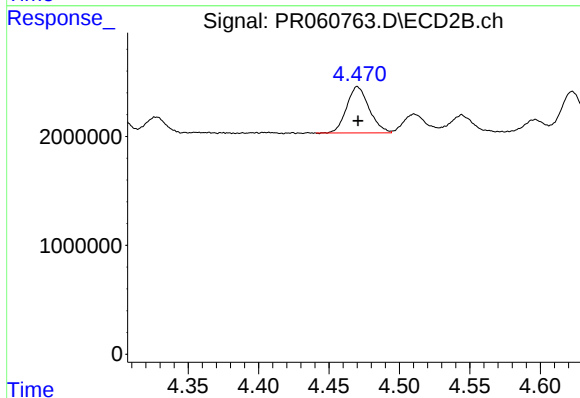
R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 4410790
Conc: 108.04 ng/ml



#15 AR-1232-5

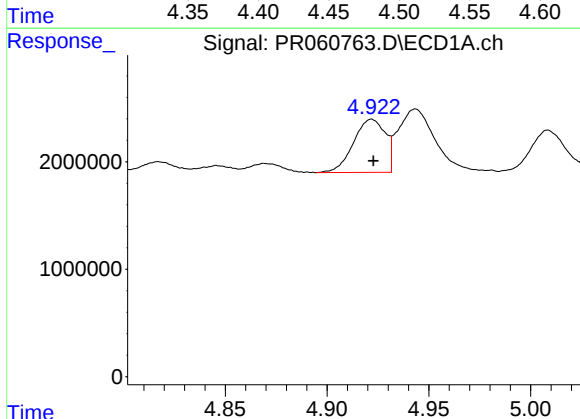
R.T.: 5.216 min
Delta R.T.: -0.003 min
Response: 3107232
Conc: 118.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



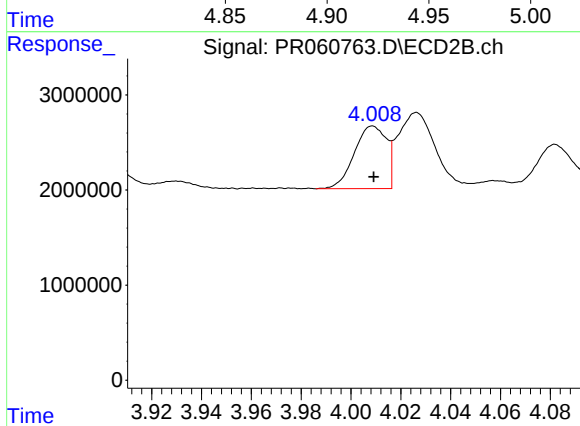
#15 AR-1232-5

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 4715063
Conc: 100.35 ng/ml



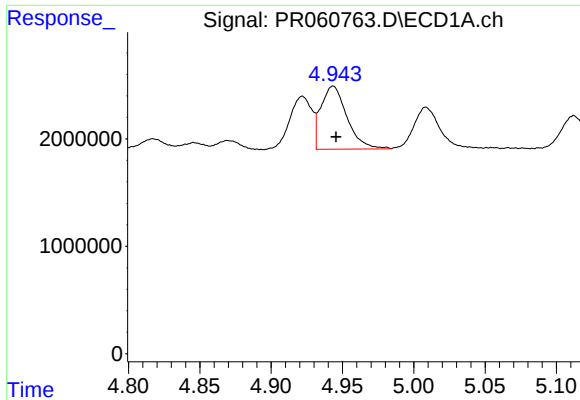
#16 AR-1242-1

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 5375655
Conc: 60.92 ng/ml



#16 AR-1242-1

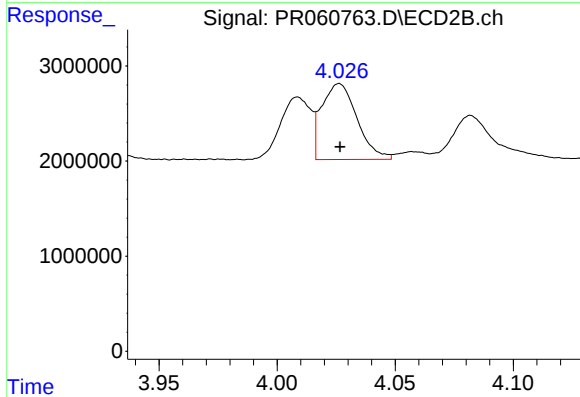
R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 5868728
Conc: 50.53 ng/ml



#17 AR-1242-2

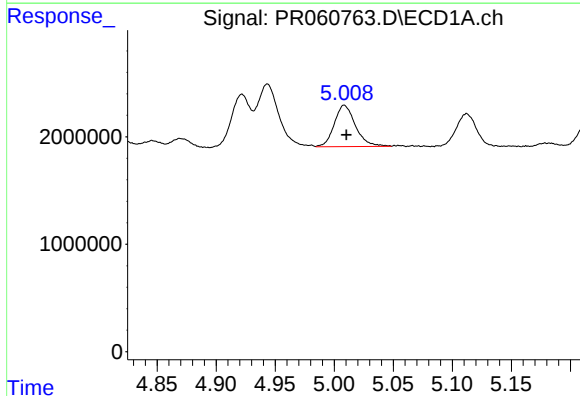
R.T.: 4.943 min
Delta R.T.: -0.002 min
Response: 7495934
Conc: 60.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



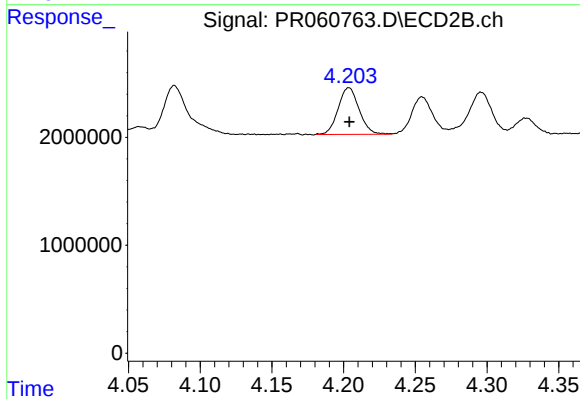
#17 AR-1242-2

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 8308587
Conc: 49.83 ng/ml



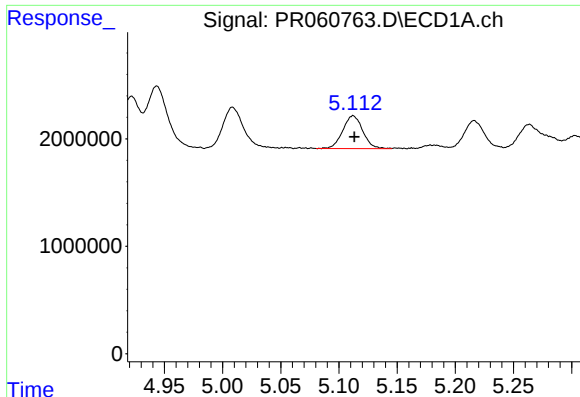
#18 AR-1242-3

R.T.: 5.009 min
Delta R.T.: -0.002 min
Response: 4829389
Conc: 61.81 ng/ml



#18 AR-1242-3

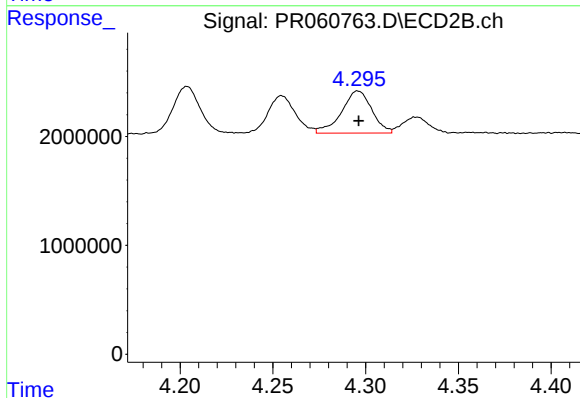
R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 4386248
Conc: 51.12 ng/ml



#19 AR-1242-4

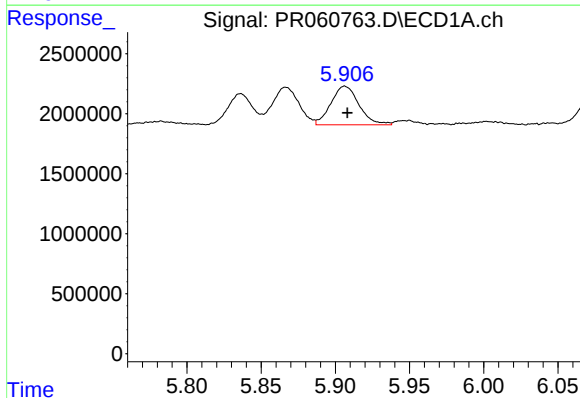
R.T.: 5.112 min
Delta R.T.: -0.001 min
Response: 3659476
Conc: 58.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



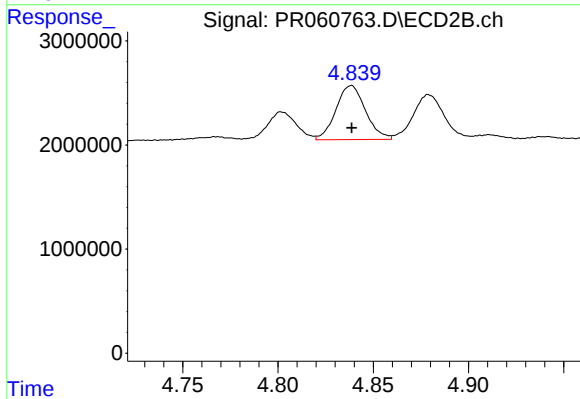
#19 AR-1242-4

R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 4410790
Conc: 54.53 ng/ml



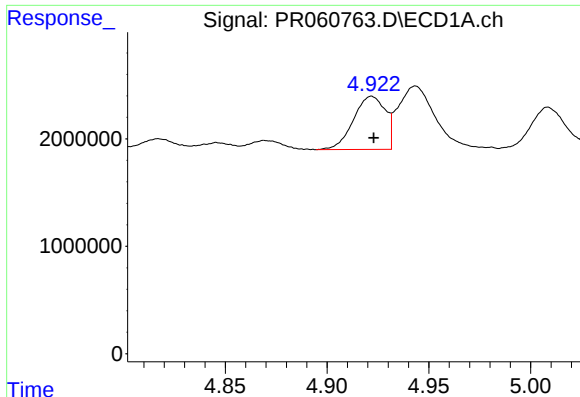
#20 AR-1242-5

R.T.: 5.906 min
Delta R.T.: -0.002 min
Response: 4230623
Conc: 61.10 ng/ml



#20 AR-1242-5

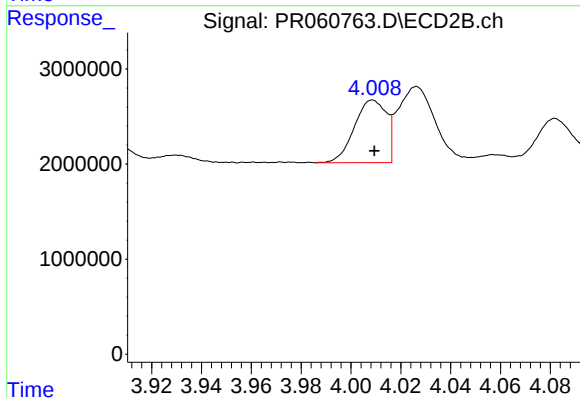
R.T.: 4.838 min
Delta R.T.: 0.000 min
Response: 5614899
Conc: 52.12 ng/ml



#21 AR-1248-1

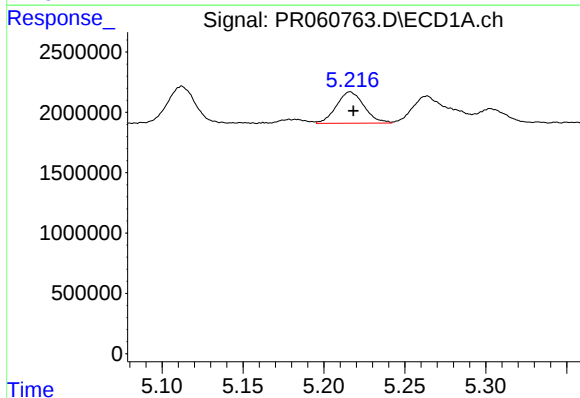
R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 5375655
Conc: 80.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



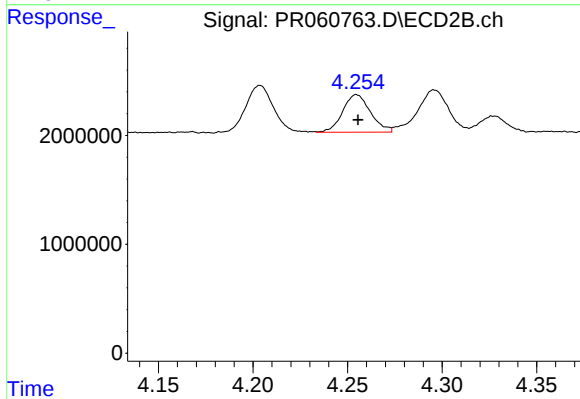
#21 AR-1248-1

R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 5868728
Conc: 68.25 ng/ml



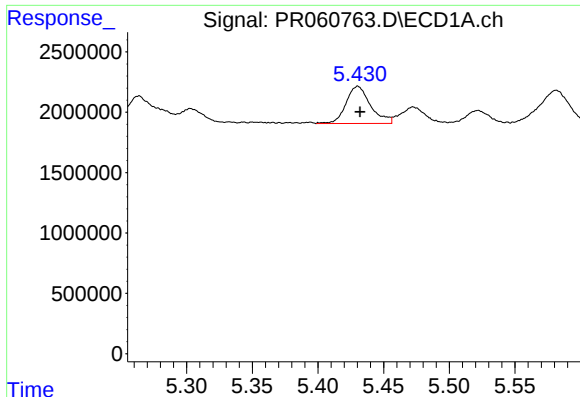
#22 AR-1248-2

R.T.: 5.216 min
Delta R.T.: -0.002 min
Response: 3107232
Conc: 34.99 ng/ml



#22 AR-1248-2

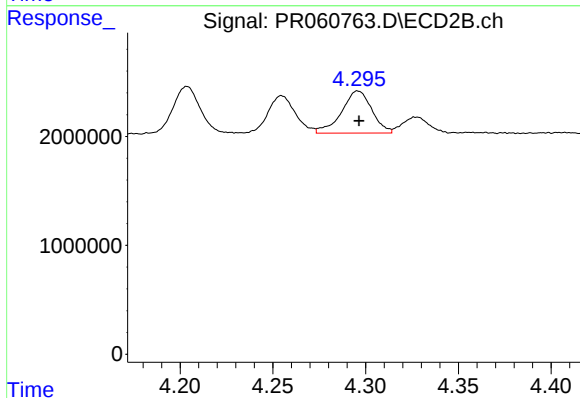
R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 3542616
Conc: 29.46 ng/ml



#23 AR-1248-3

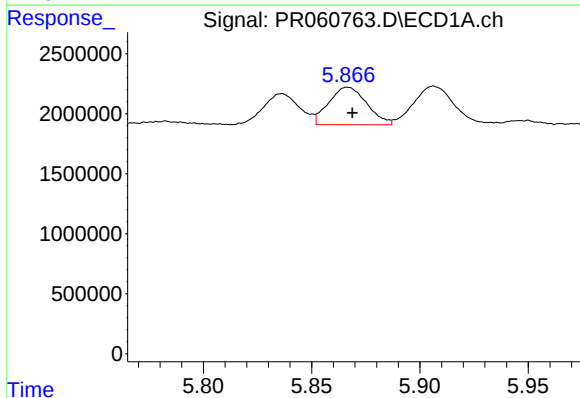
R.T.: 5.430 min
Delta R.T.: -0.002 min
Response: 4013593
Conc: 38.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



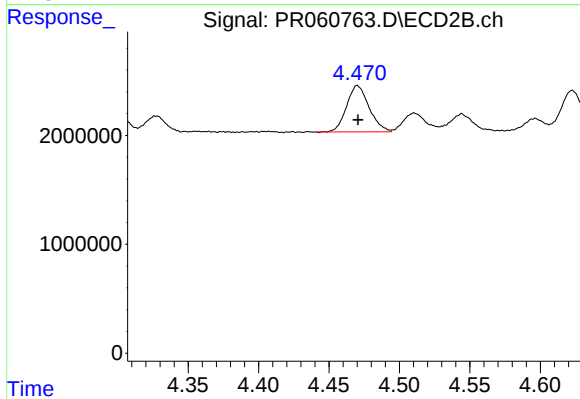
#23 AR-1248-3

R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 4410790
Conc: 36.18 ng/ml



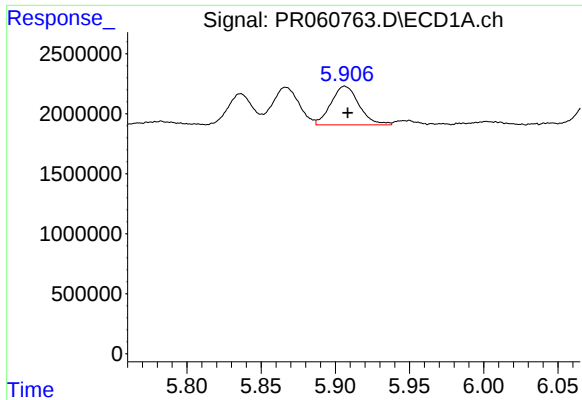
#24 AR-1248-4

R.T.: 5.867 min
Delta R.T.: -0.002 min
Response: 3817439
Conc: 31.75 ng/ml



#24 AR-1248-4

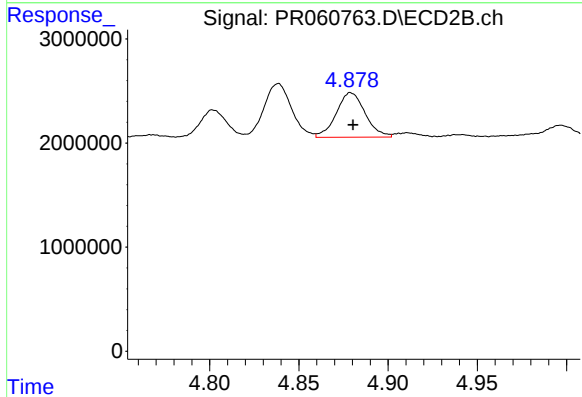
R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 4715063
Conc: 31.24 ng/ml



#25 AR-1248-5

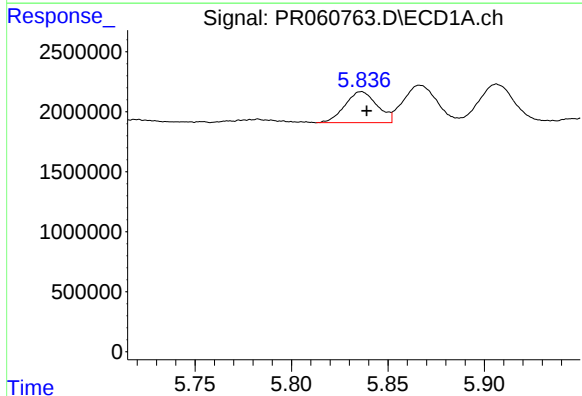
R.T.: 5.906 min
Delta R.T.: -0.002 min
Response: 4230623
Conc: 35.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



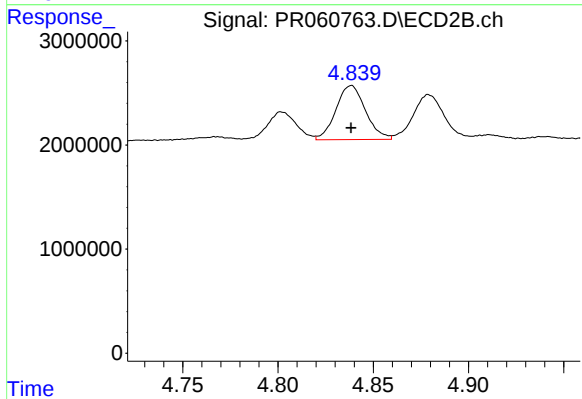
#25 AR-1248-5

R.T.: 4.879 min
Delta R.T.: -0.001 min
Response: 4827388
Conc: 31.41 ng/ml



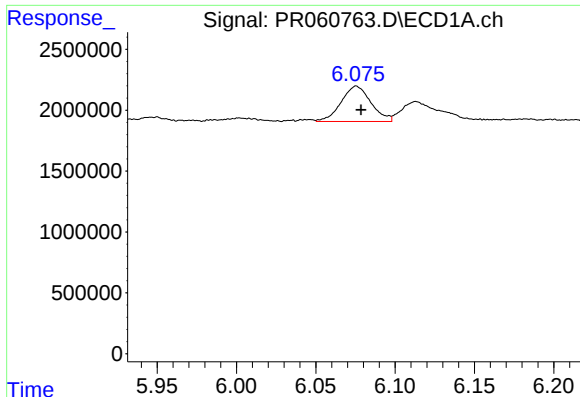
#26 AR-1254-1

R.T.: 5.836 min
Delta R.T.: -0.003 min
Response: 3007843
Conc: 24.97 ng/ml



#26 AR-1254-1

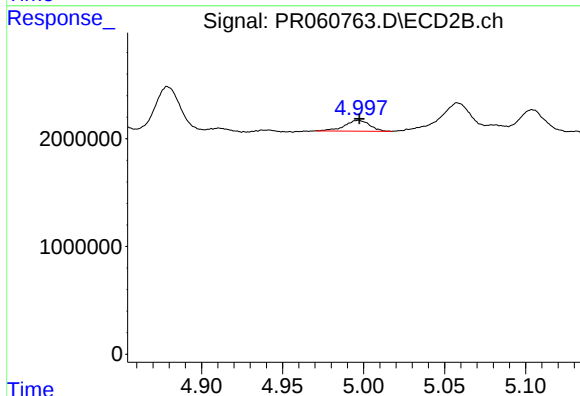
R.T.: 4.838 min
Delta R.T.: 0.000 min
Response: 5614899
Conc: 23.22 ng/ml



#27 AR-1254-2

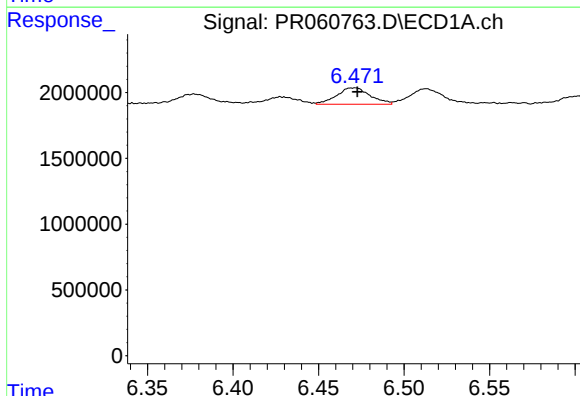
R.T.: 6.076 min
Delta R.T.: -0.003 min
Response: 3814856
Conc: 20.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



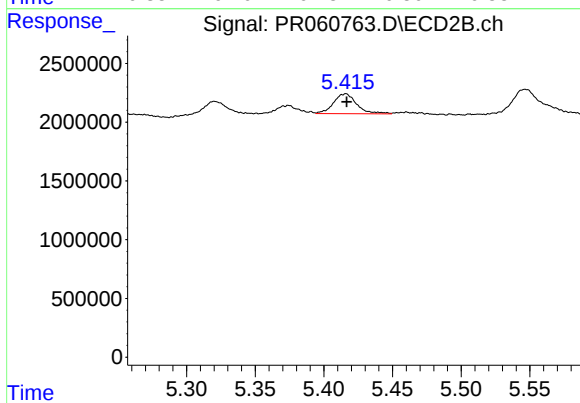
#27 AR-1254-2

R.T.: 4.997 min
Delta R.T.: 0.000 min
Response: 1076768
Conc: 5.15 ng/ml



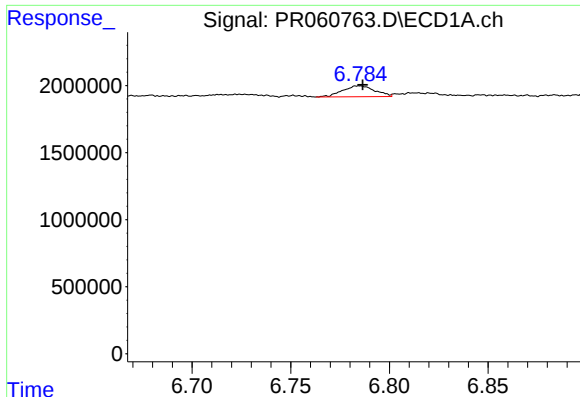
#28 AR-1254-3

R.T.: 6.471 min
Delta R.T.: -0.002 min
Response: 1697059
Conc: 8.27 ng/ml



#28 AR-1254-3

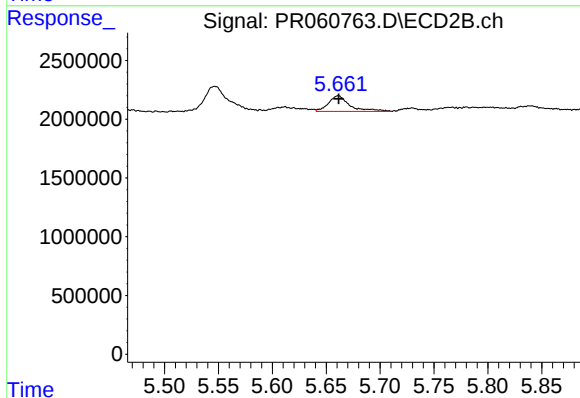
R.T.: 5.416 min
Delta R.T.: 0.000 min
Response: 1995849
Conc: 5.74 ng/ml



#29 AR-1254-4

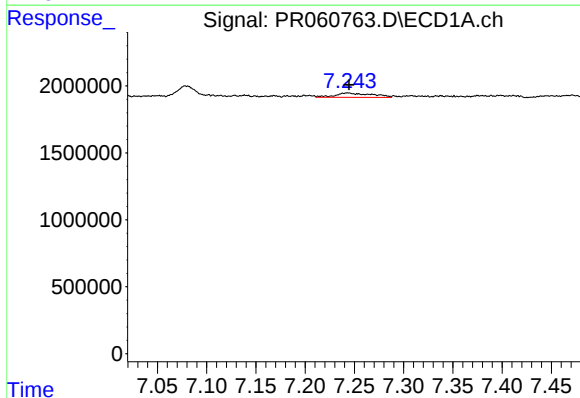
R.T.: 6.785 min
Delta R.T.: -0.002 min
Response: 915992
Conc: 5.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



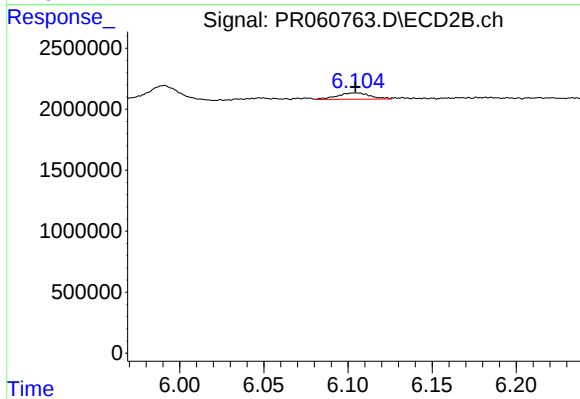
#29 AR-1254-4

R.T.: 5.661 min
Delta R.T.: 0.000 min
Response: 1828027
Conc: 8.29 ng/ml



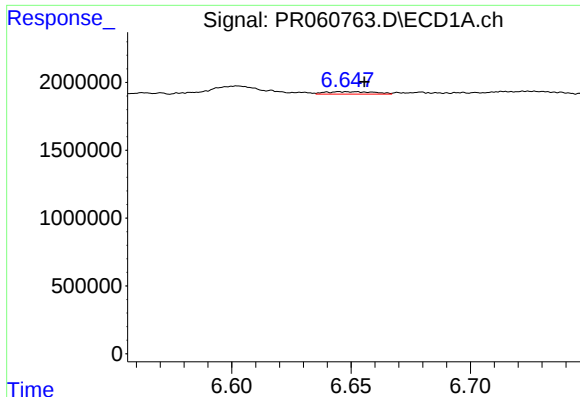
#30 AR-1254-5

R.T.: 7.243 min
Delta R.T.: -0.001 min
Response: 825283
Conc: 4.91 ng/ml



#30 AR-1254-5

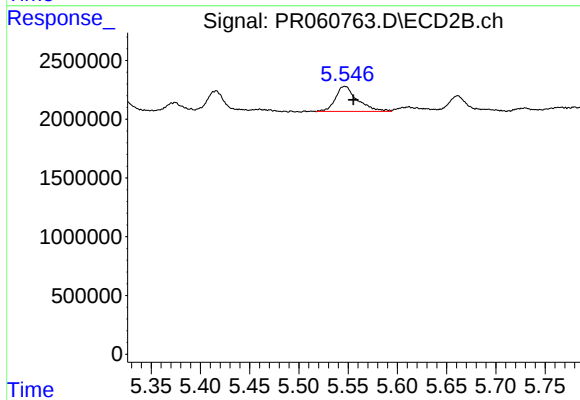
R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 717356
Conc: 2.24 ng/ml



#31 AR-1260-1

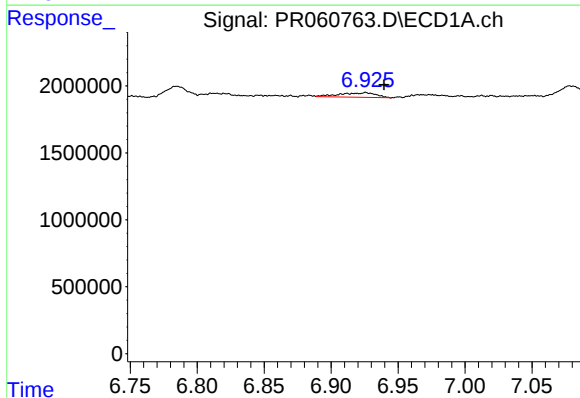
R.T.: 6.646 min
Delta R.T.: -0.010 min
Response: 262505
Conc: 1.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



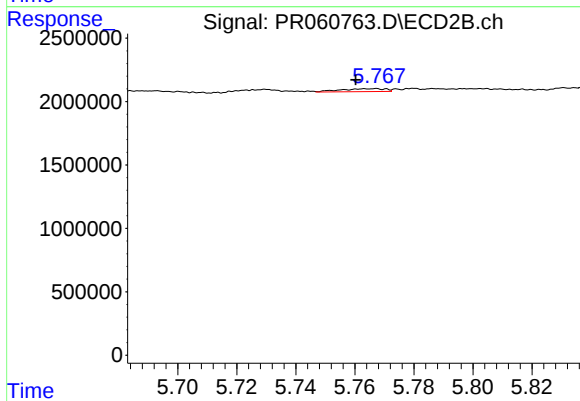
#31 AR-1260-1

R.T.: 5.547 min
Delta R.T.: -0.009 min
Response: 3312245
Conc: 13.51 ng/ml



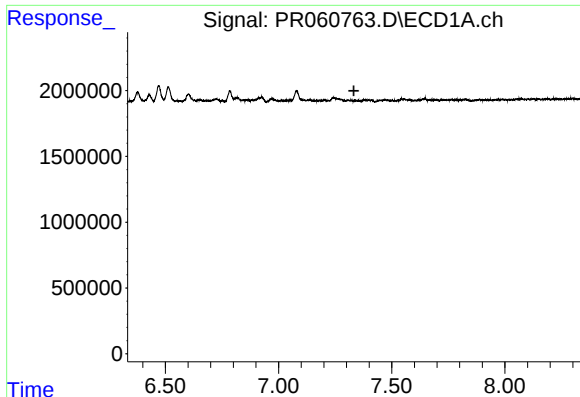
#32 AR-1260-2

R.T.: 6.926 min
Delta R.T.: -0.014 min
Response: 636753
Conc: 3.30 ng/ml



#32 AR-1260-2

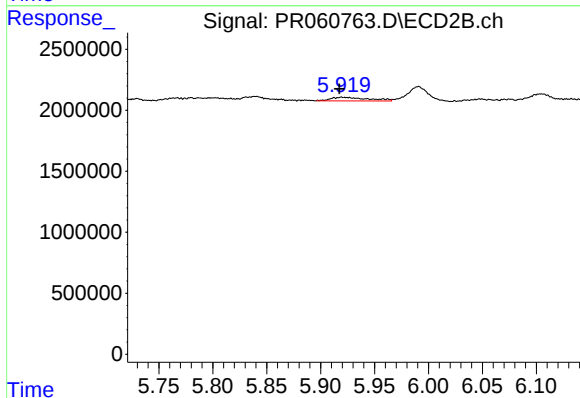
R.T.: 5.766 min
Delta R.T.: 0.006 min
Response: 242302
Conc: 0.78 ng/ml



#33 AR-1260-3

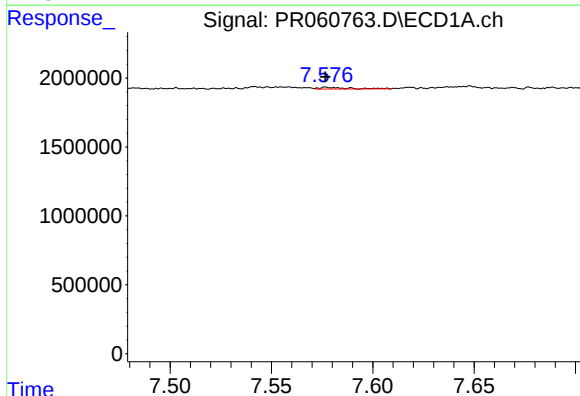
R.T.: 0.000 min
Exp R.T.: 7.333 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



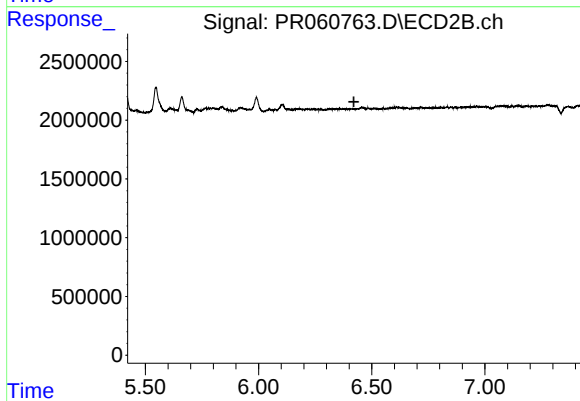
#33 AR-1260-3

R.T.: 5.920 min
Delta R.T.: 0.002 min
Response: 715866
Conc: 2.55 ng/ml



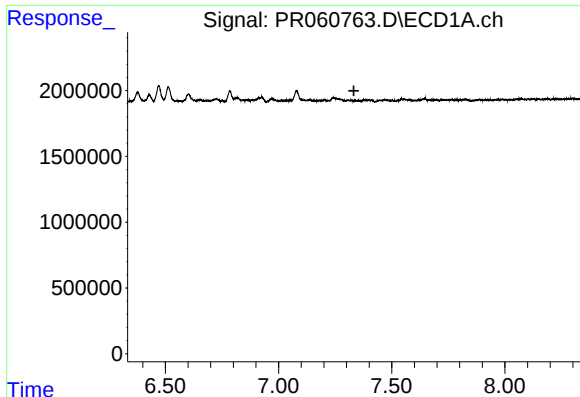
#34 AR-1260-4

R.T.: 7.577 min
Delta R.T.: 0.000 min
Response: 124622
Conc: 0.76 ng/ml



#34 AR-1260-4

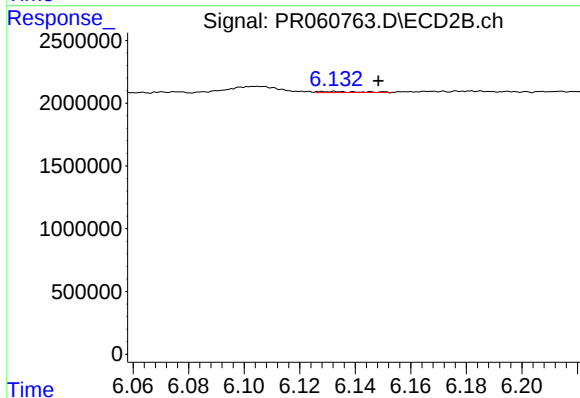
R.T.: 0.000 min
Exp R.T.: 6.421 min
Response: 0
Conc: N.D.



#36 AR-1262-1

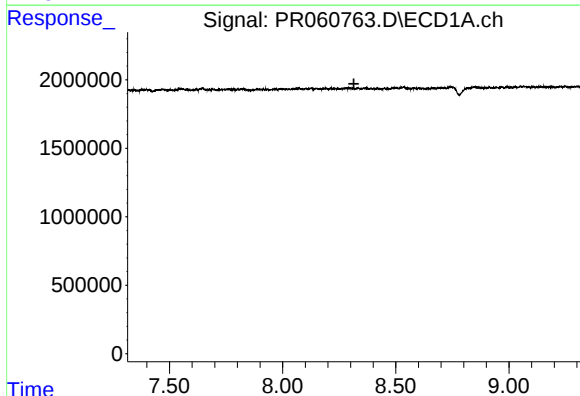
R.T.: 0.000 min
Exp R.T.: 7.333 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



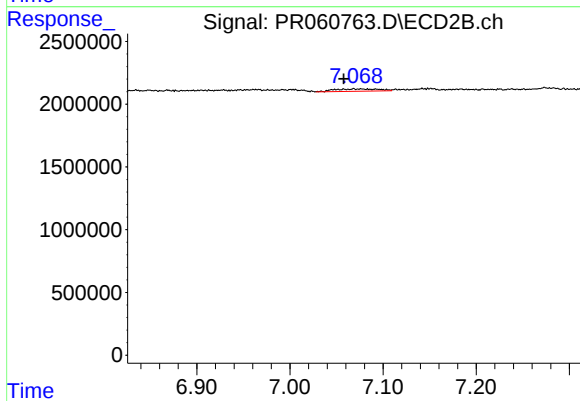
#36 AR-1262-1

R.T.: 6.133 min
Delta R.T.: -0.016 min
Response: 87483
Conc: 0.28 ng/ml



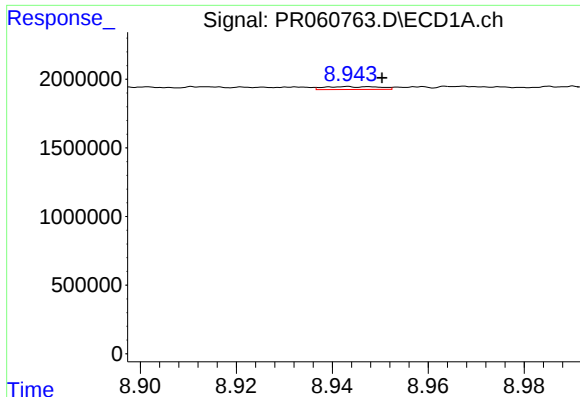
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 8.315 min
Response: 0
Conc: N.D.



#39 AR-1262-4

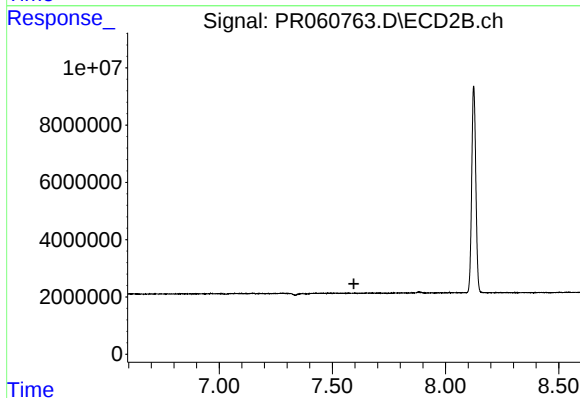
R.T.: 7.069 min
Delta R.T.: 0.011 min
Response: 609346
Conc: 1.42 ng/ml



#40 AR-1262-5

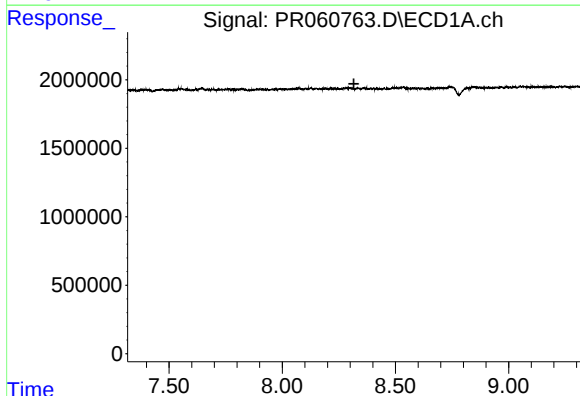
R.T.: 8.943 min
Delta R.T.: -0.007 min
Response: 169717
Conc: 1.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



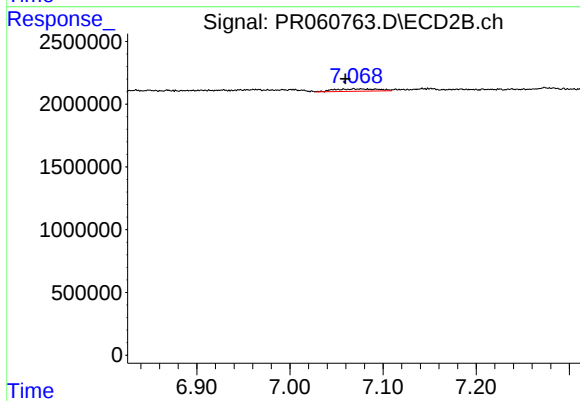
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 7.595 min
Response: 0
Conc: N.D.



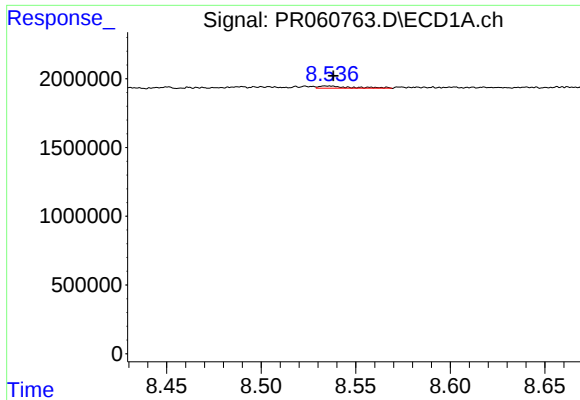
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.317 min
Response: 0
Conc: N.D.



#42 AR-1268-2

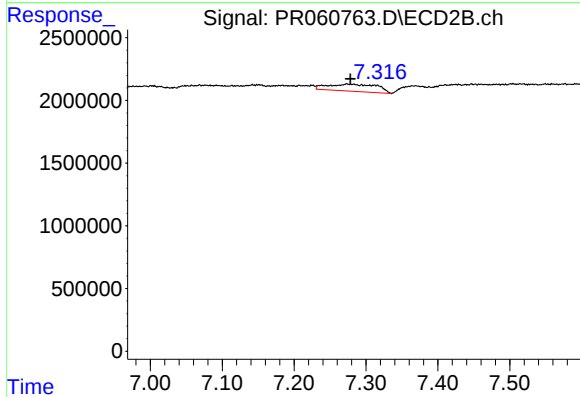
R.T.: 7.069 min
Delta R.T.: 0.009 min
Response: 609346
Conc: 0.91 ng/ml



#43 AR-1268-3

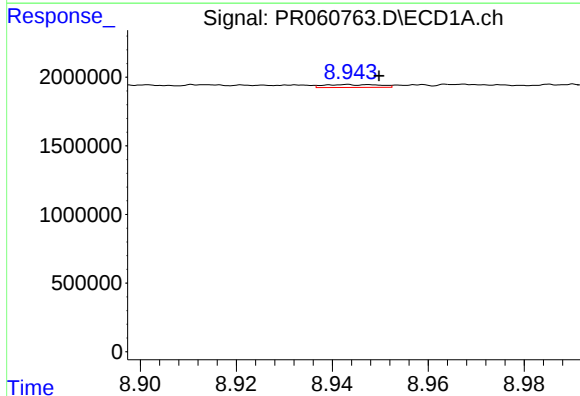
R.T.: 8.535 min
Delta R.T.: -0.003 min
Response: 194654
Conc: 0.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



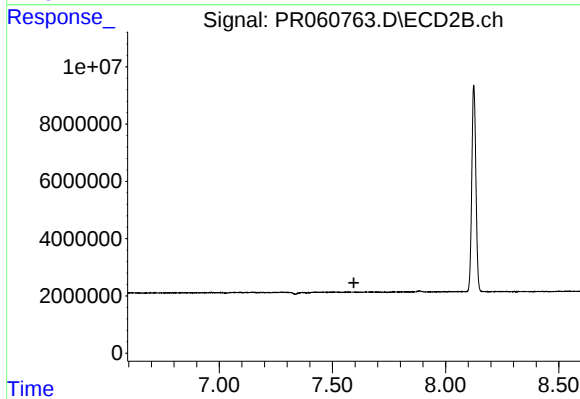
#43 AR-1268-3

R.T.: 7.274 min
Delta R.T.: -0.005 min
Response: 2712034
Conc: 4.77 ng/ml



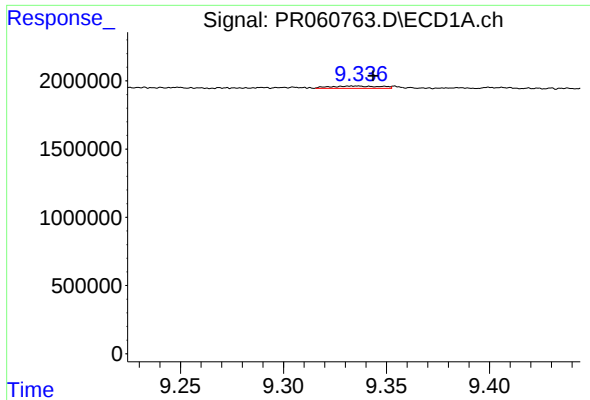
#44 AR-1268-4

R.T.: 8.943 min
Delta R.T.: -0.007 min
Response: 169717
Conc: 1.18 ng/ml



#44 AR-1268-4

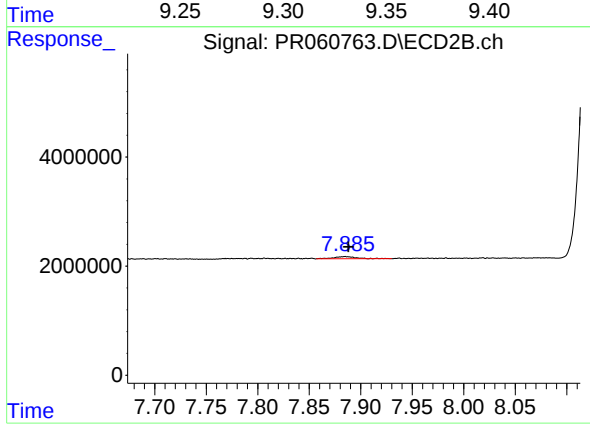
R.T.: 0.000 min
Exp R.T. : 7.595 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.336 min
Delta R.T.: -0.008 min
Response: 287294
Conc: 0.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.885 min
Delta R.T.: -0.003 min
Response: 605949
Conc: 0.32 ng/ml