

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072821\
 Data File : PR051427.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2021 17:29
 Operator : AJ\MA
 Sample : M2940-09
 Misc : AR1232 MDL 25 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: Jul 29 04:41:55 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072721.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 28 02:51:26 2021
 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...	4.628	3.809	147.2E6	136.5E6	18.011	18.360
2)	SA Decachlor...	10.502	8.831	187.1E6	139.6E6	19.481	17.457
Target Compounds							
3)	L1 AR-1016-1	5.811	4.894	4114565	2907223	11.341	9.880
4)	L1 AR-1016-2	5.834	4.913	5663345	5157958	10.916	12.216
5)	L1 AR-1016-3	5.896	5.088	3556875	2157384	11.722	9.690
6)	L1 AR-1016-4	5.997	5.132	3213724	2429132	12.508	14.342
7)	L1 AR-1016-5	6.290	5.342	2252059	2176114	9.090	9.843
8)	L2 AR-1221-1	4.840	4.024	959018	1854829	10.888	25.267 #
9)	L2 AR-1221-2	4.936	4.108	3915276	2750600	58.213	46.638
10)	L2 AR-1221-3	5.008	4.183	5621890	4204686	26.153	22.098
11)	L3 AR-1232-1	5.008	4.183	5621890	4204686	31.138	26.039
12)	L3 AR-1232-2	5.542	4.913	3031239	5157958	31.182	30.769
13)	L3 AR-1232-3	5.834	5.088	5663345	2157384	27.091	24.756
14)	L3 AR-1232-4	5.997	5.170	3213724	1911449	31.125	25.986
15)	L3 AR-1232-5	6.082	5.342	1987593	2176114	26.463	26.745
16)	L4 AR-1242-1	5.811	4.894	4114565	2907223	16.076	14.028
17)	L4 AR-1242-2	5.834	4.913	5663345	5157958	14.981	17.010
18)	L4 AR-1242-3	5.896	5.088	3556875	2157384	16.168	13.518
19)	L4 AR-1242-4	5.997	5.170	3213724	1911449	17.239	12.936
20)	L4 AR-1242-5	6.734	5.692	3055762	2474613	13.961	12.340
21)	L5 AR-1248-1	5.811	4.894	4114565	2907223	19.512	17.041
22)	L5 AR-1248-2	6.082	5.132	1987593	2429132	6.789	10.606 #
23)	L5 AR-1248-3	6.290	5.170	2252059	1911449	6.739	8.030
24)	L5 AR-1248-4	6.696	5.342	2920744	2176114	7.026	7.584
25)	L5 AR-1248-5	6.734	5.734	3055762	2342146	7.660	7.642
26)	L6 AR-1254-1	6.668	5.692	2443350	2474613	6.894	6.025
27)	L6 AR-1254-2	6.894	5.838	2892905	656255	5.147	1.886 #
28)	L6 AR-1254-3	7.255	6.241	3746205	849459	6.258	1.410 #
29)	L6 AR-1254-4	7.542	6.468	3597872	561278	7.319	1.495 #
30)	L6 AR-1254-5	7.962	0.000	1379294	0	2.911	N.D. #
31)	L7 AR-1260-1	7.420	6.362	490304	317204	1.028	0.770 #
32)	L7 AR-1260-2	7.676	6.560	2018304	77992	3.196	0.154 #
33)	L7 AR-1260-3	8.012f	0.000	1547949	0	3.096	N.D. #
34)	L7 AR-1260-4	8.269	0.000	470703	0	0.919	N.D. #
35)	L7 AR-1260-5	8.593	0.000	520264	0	0.451	N.D. #
36)	L8 AR-1262-1	8.012f	0.000	1547949	0	2.358	N.D. #
37)	L8 AR-1262-2	8.593f	0.000	520264	0	0.433	N.D. #
38)	L8 AR-1262-3	0.000	7.713	0	276519	N.D.	0.752 #
39)	L8 AR-1262-4	9.003f	0.000	141445	0	0.243	N.D. #
41)	L9 AR-1268-1	0.000	7.713	0	276519	N.D.	0.257 #
42)	L9 AR-1268-2	9.003f	0.000	141445	0	0.111	N.D. #

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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	9.264	7.978	897606	736613	0.804	0.895
45) L9	AR-1268-5	10.150	8.569	1881045	1471102	0.514	0.529

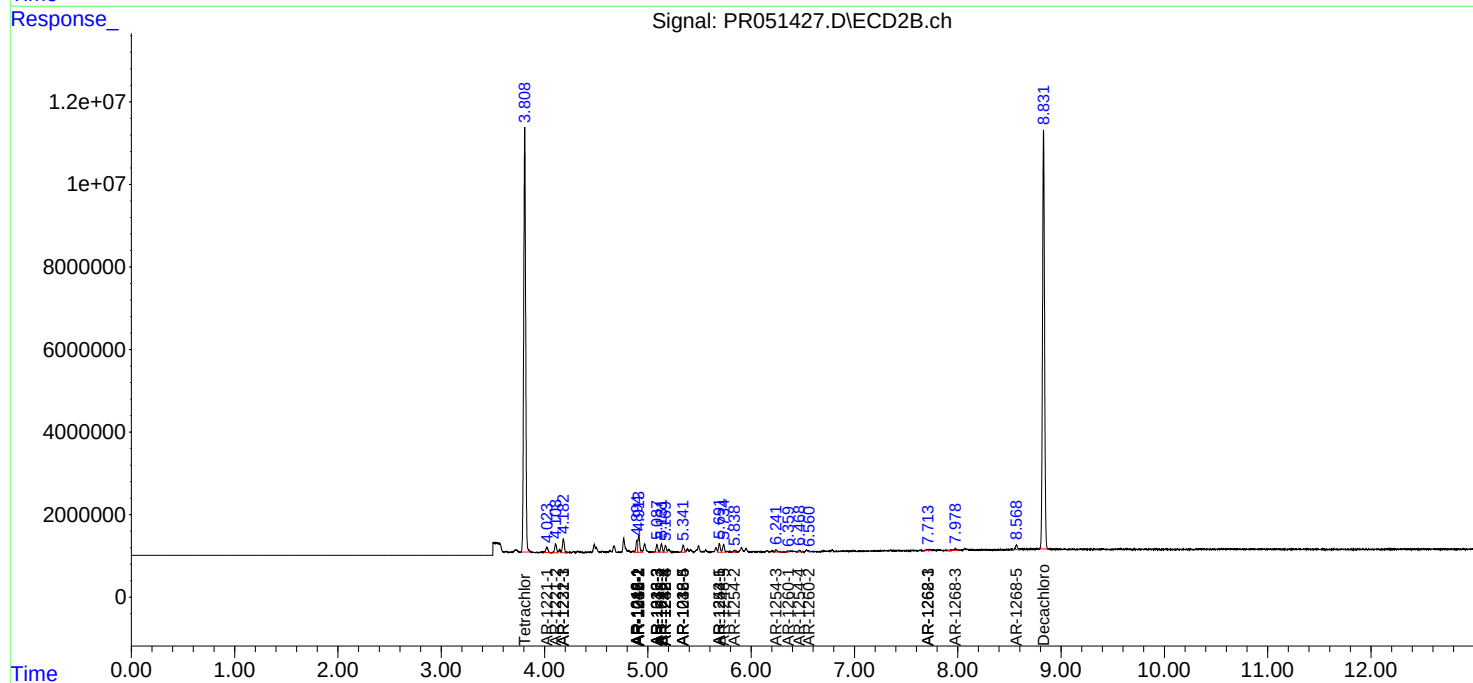
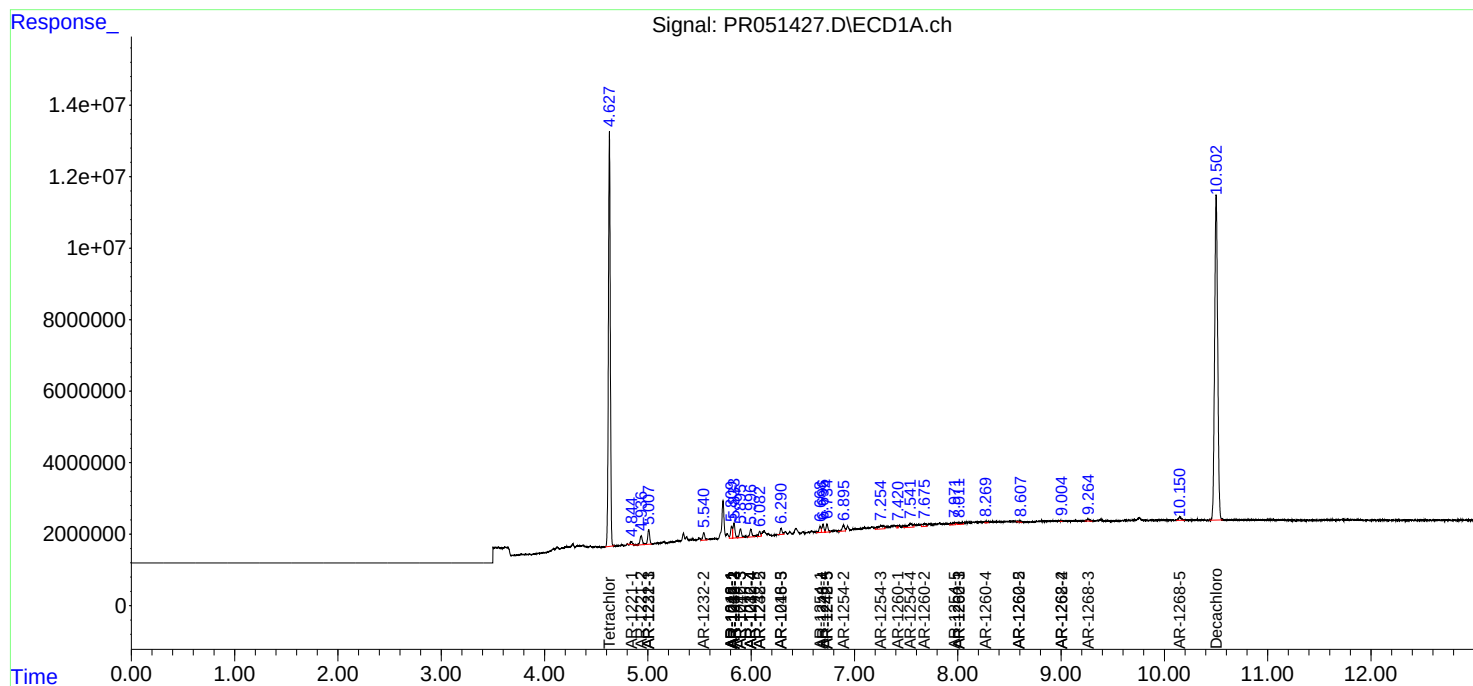
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

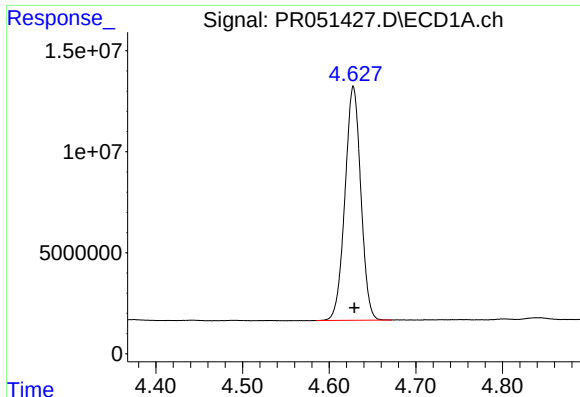
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072821\
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

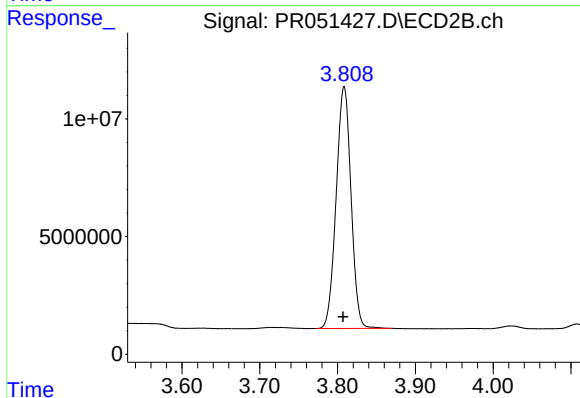




#1 Tetrachloro-m-xylene

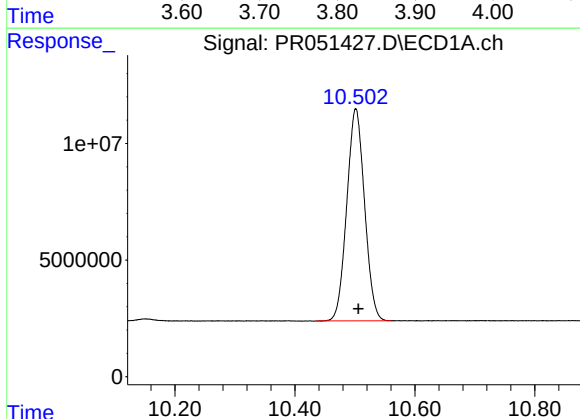
R.T.: 4.628 min
Delta R.T.: -0.001 min
Response: 147205170
Conc: 18.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



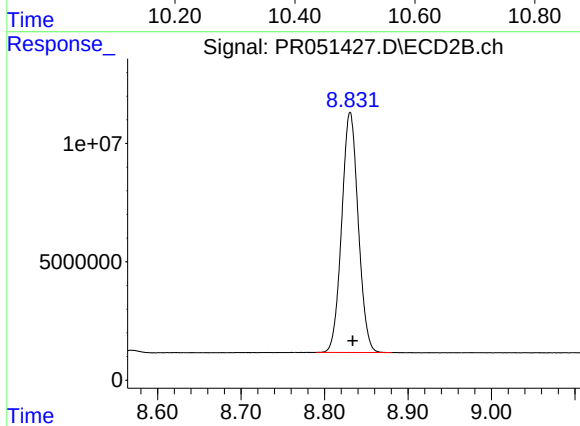
#1 Tetrachloro-m-xylene

R.T.: 3.809 min
Delta R.T.: 0.001 min
Response: 136519386
Conc: 18.36 ng/ml



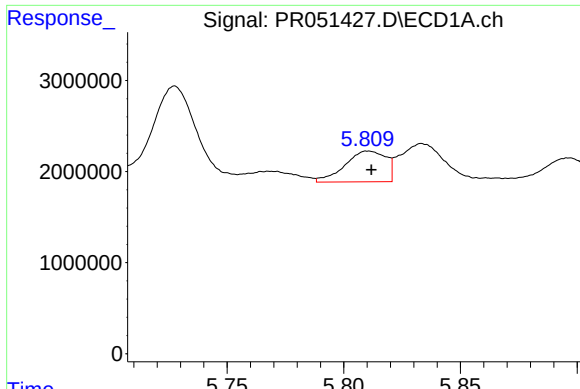
#2 Decachlorobiphenyl

R.T.: 10.502 min
Delta R.T.: -0.004 min
Response: 187121686
Conc: 19.48 ng/ml



#2 Decachlorobiphenyl

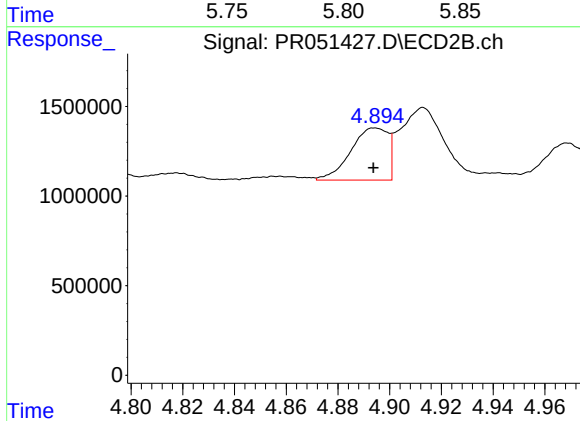
R.T.: 8.831 min
Delta R.T.: -0.003 min
Response: 139577960
Conc: 17.46 ng/ml



#3 AR-1016-1

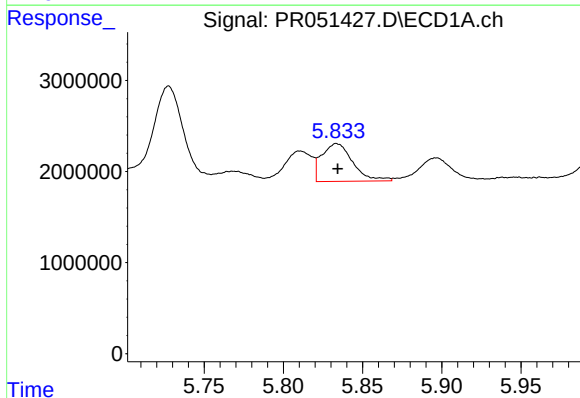
R.T.: 5.811 min
Delta R.T.: -0.001 min
Response: 4114565
Conc: 11.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



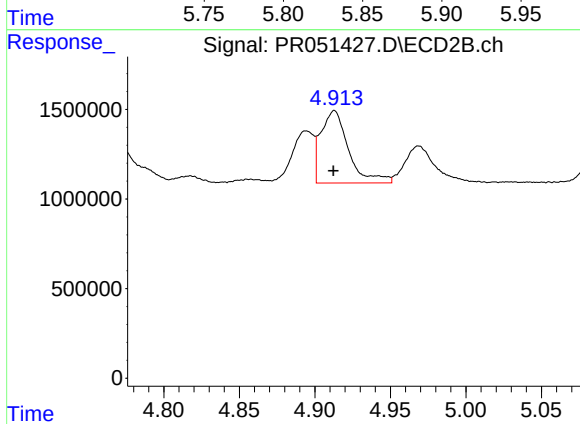
#3 AR-1016-1

R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 2907223
Conc: 9.88 ng/ml



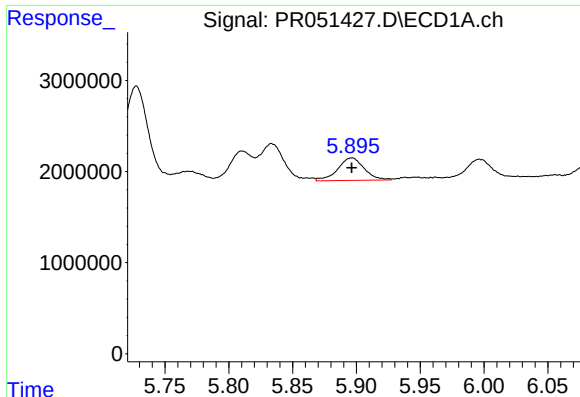
#4 AR-1016-2

R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 5663345
Conc: 10.92 ng/ml



#4 AR-1016-2

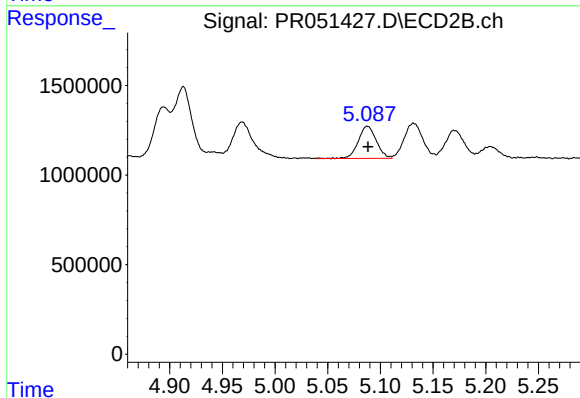
R.T.: 4.913 min
Delta R.T.: 0.000 min
Response: 5157958
Conc: 12.22 ng/ml



#5 AR-1016-3

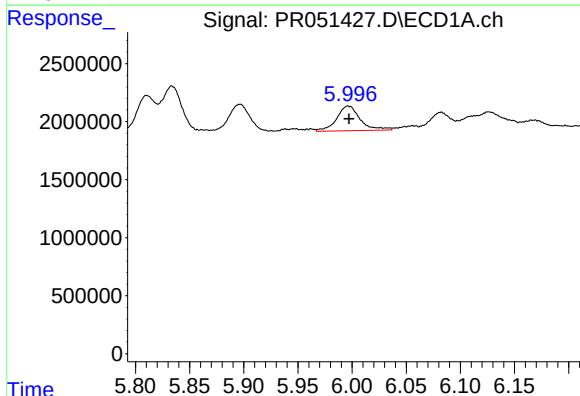
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 3556875
Conc: 11.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



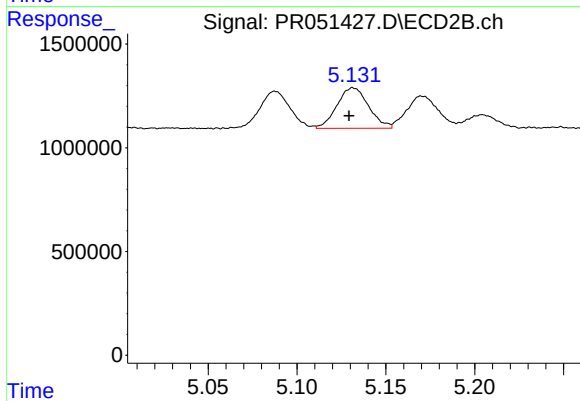
#5 AR-1016-3

R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 2157384
Conc: 9.69 ng/ml



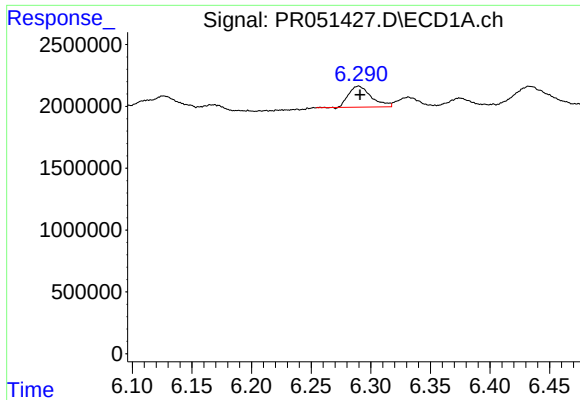
#6 AR-1016-4

R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 3213724
Conc: 12.51 ng/ml



#6 AR-1016-4

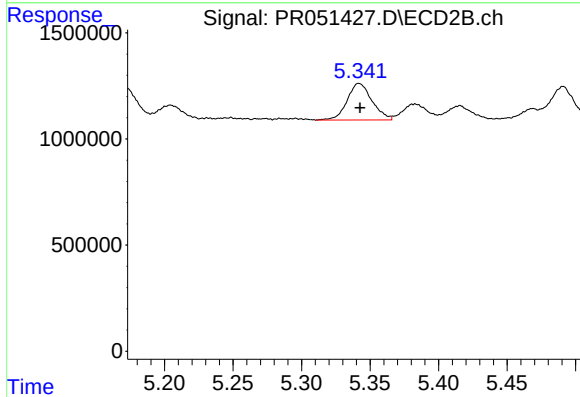
R.T.: 5.132 min
Delta R.T.: 0.002 min
Response: 2429132
Conc: 14.34 ng/ml



#7 AR-1016-5

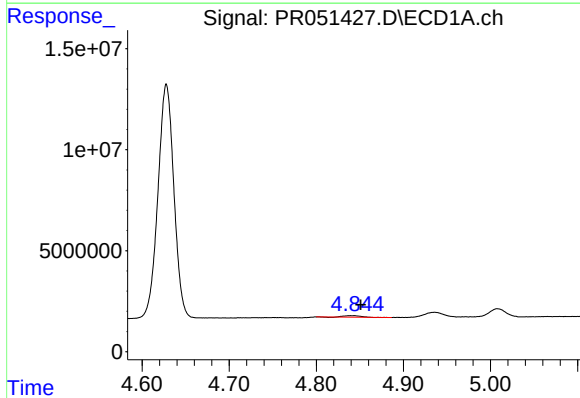
R.T.: 6.290 min
Delta R.T.: -0.001 min
Response: 2252059
Conc: 9.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



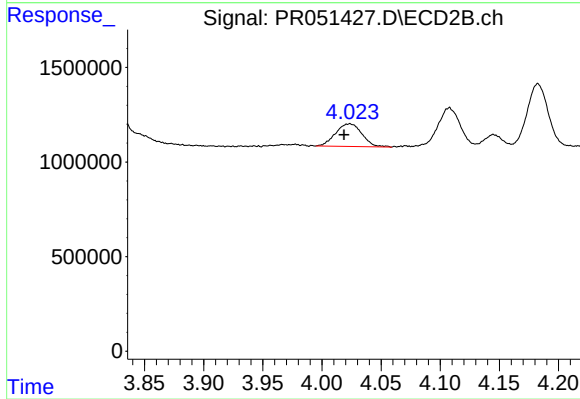
#7 AR-1016-5

R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 2176114
Conc: 9.84 ng/ml



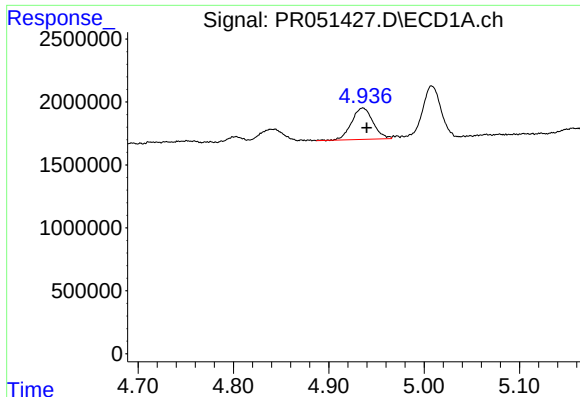
#8 AR-1221-1

R.T.: 4.840 min
Delta R.T.: -0.011 min
Response: 959018
Conc: 10.89 ng/ml



#8 AR-1221-1

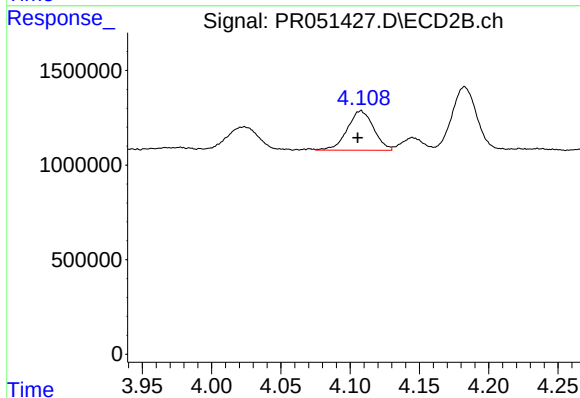
R.T.: 4.024 min
Delta R.T.: 0.005 min
Response: 1854829
Conc: 25.27 ng/ml



#9 AR-1221-2

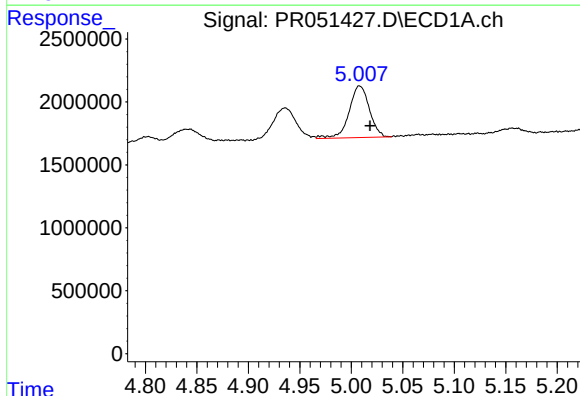
R.T.: 4.936 min
Delta R.T.: -0.004 min
Response: 3915276
Conc: 58.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



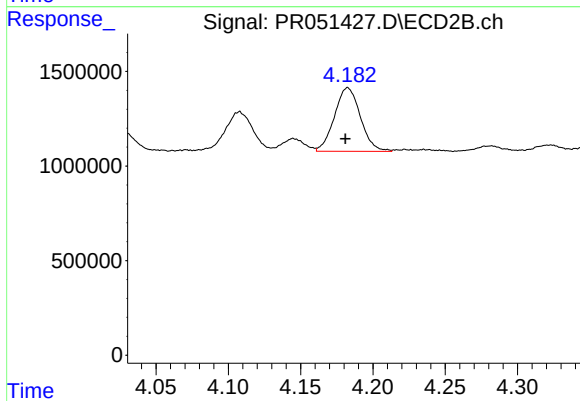
#9 AR-1221-2

R.T.: 4.108 min
Delta R.T.: 0.003 min
Response: 2750600
Conc: 46.64 ng/ml



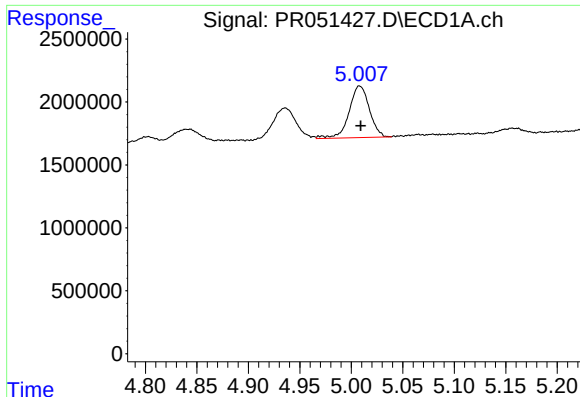
#10 AR-1221-3

R.T.: 5.008 min
Delta R.T.: -0.010 min
Response: 5621890
Conc: 26.15 ng/ml



#10 AR-1221-3

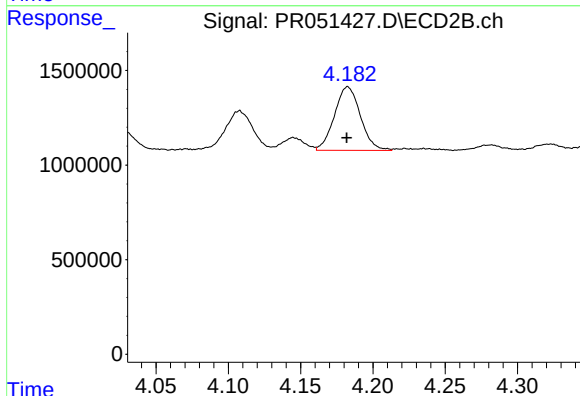
R.T.: 4.183 min
Delta R.T.: 0.002 min
Response: 4204686
Conc: 22.10 ng/ml



#11 AR-1232-1

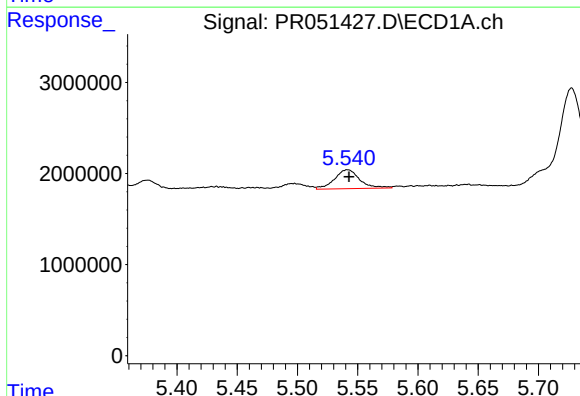
R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 5621890
Conc: 31.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



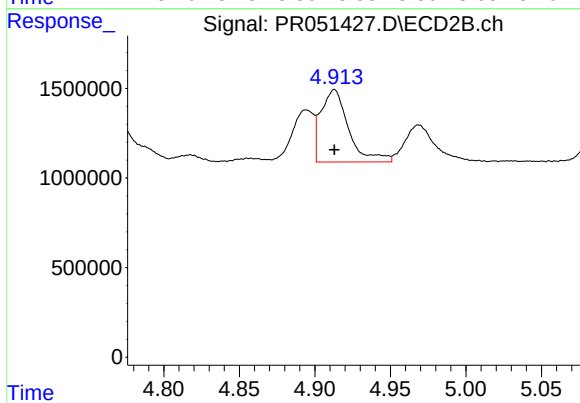
#11 AR-1232-1

R.T.: 4.183 min
Delta R.T.: 0.000 min
Response: 4204686
Conc: 26.04 ng/ml



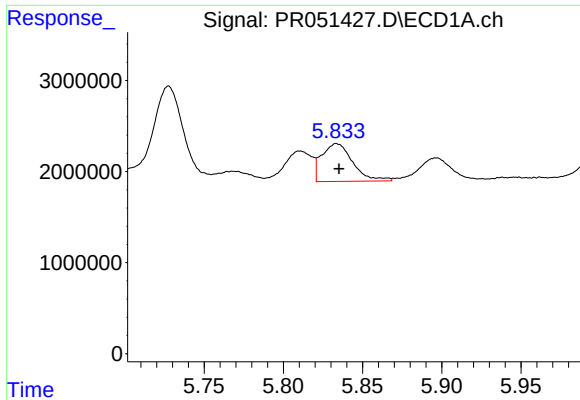
#12 AR-1232-2

R.T.: 5.542 min
Delta R.T.: -0.001 min
Response: 3031239
Conc: 31.18 ng/ml



#12 AR-1232-2

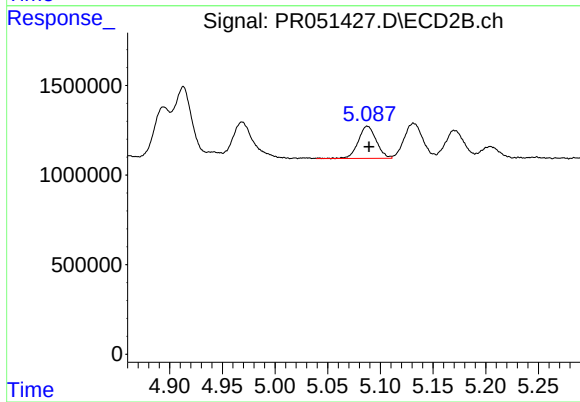
R.T.: 4.913 min
Delta R.T.: 0.000 min
Response: 5157958
Conc: 30.77 ng/ml



#13 AR-1232-3

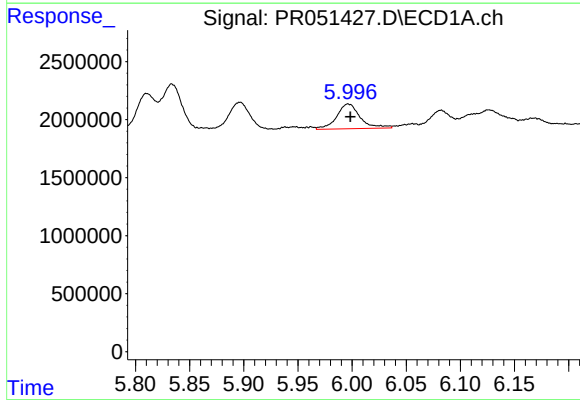
R.T.: 5.834 min
Delta R.T.: -0.002 min
Response: 5663345
Conc: 27.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



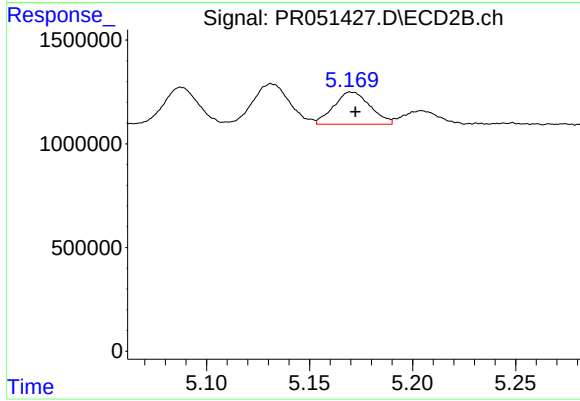
#13 AR-1232-3

R.T.: 5.088 min
Delta R.T.: -0.001 min
Response: 2157384
Conc: 24.76 ng/ml



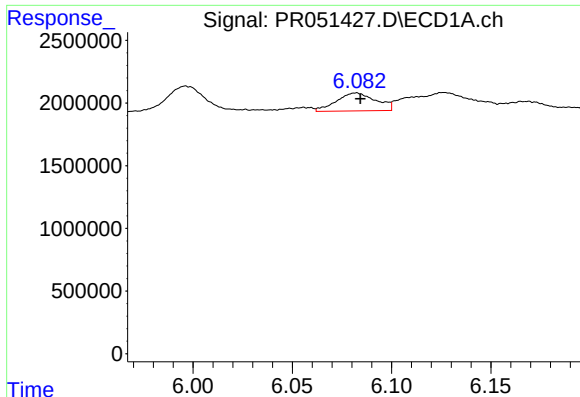
#14 AR-1232-4

R.T.: 5.997 min
Delta R.T.: -0.002 min
Response: 3213724
Conc: 31.13 ng/ml



#14 AR-1232-4

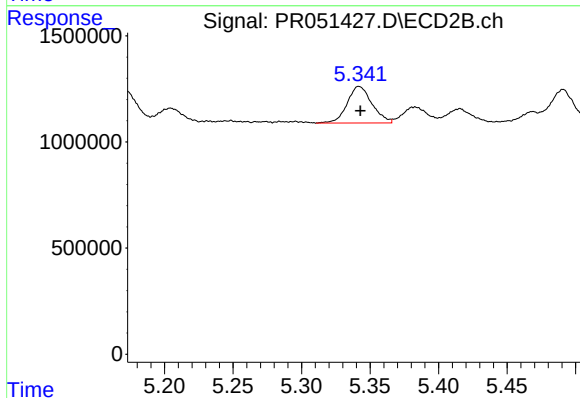
R.T.: 5.170 min
Delta R.T.: -0.002 min
Response: 1911449
Conc: 25.99 ng/ml



#15 AR-1232-5

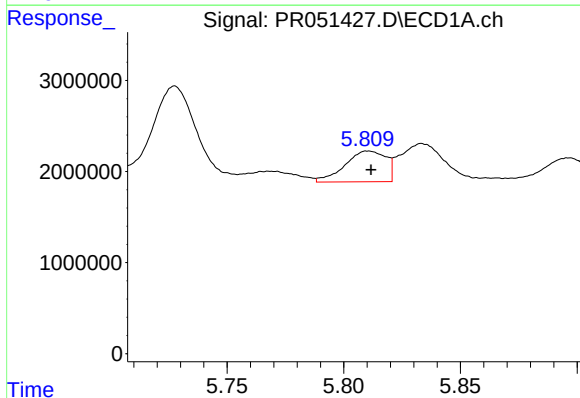
R.T.: 6.082 min
Delta R.T.: -0.002 min
Response: 1987593
Conc: 26.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



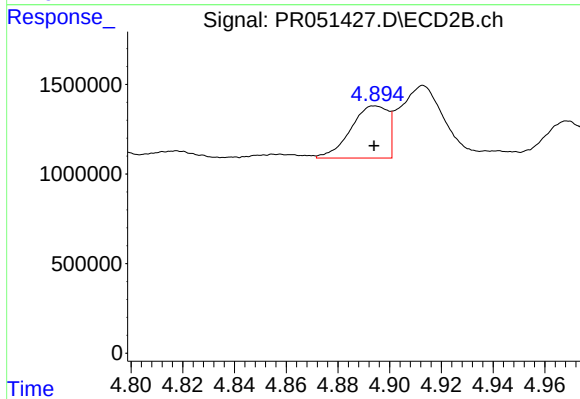
#15 AR-1232-5

R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 2176114
Conc: 26.75 ng/ml



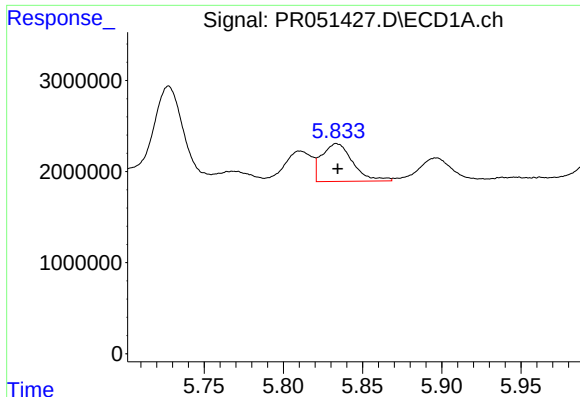
#16 AR-1242-1

R.T.: 5.811 min
Delta R.T.: -0.001 min
Response: 4114565
Conc: 16.08 ng/ml



#16 AR-1242-1

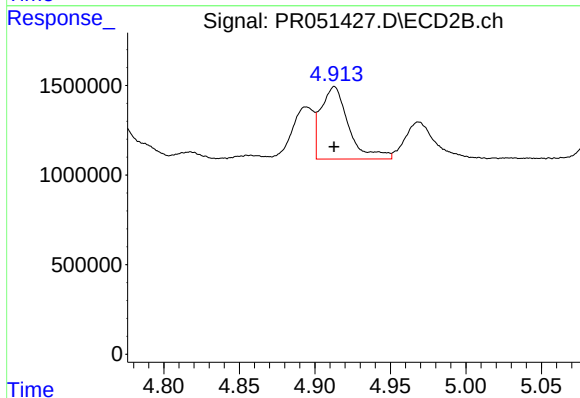
R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 2907223
Conc: 14.03 ng/ml



#17 AR-1242-2

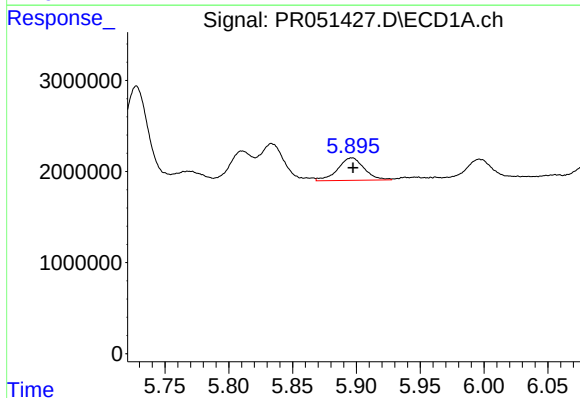
R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 5663345
Conc: 14.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



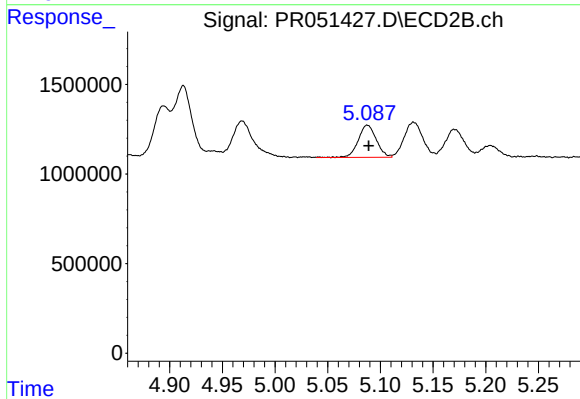
#17 AR-1242-2

R.T.: 4.913 min
Delta R.T.: 0.000 min
Response: 5157958
Conc: 17.01 ng/ml



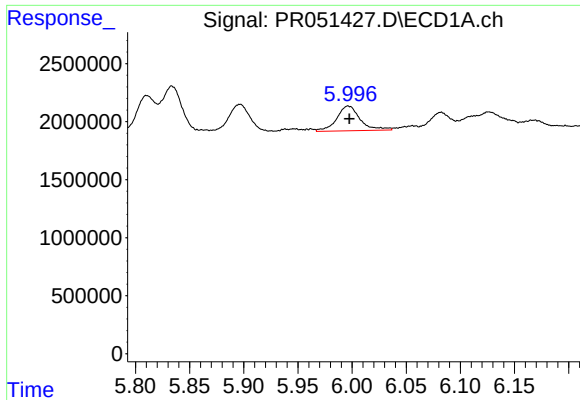
#18 AR-1242-3

R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 3556875
Conc: 16.17 ng/ml



#18 AR-1242-3

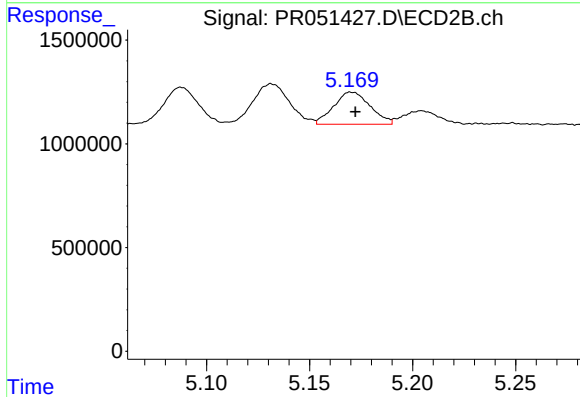
R.T.: 5.088 min
Delta R.T.: -0.001 min
Response: 2157384
Conc: 13.52 ng/ml



#19 AR-1242-4

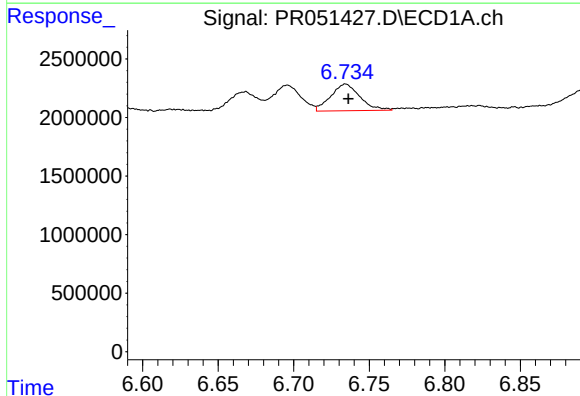
R.T.: 5.997 min
Delta R.T.: -0.001 min
Response: 3213724
Conc: 17.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



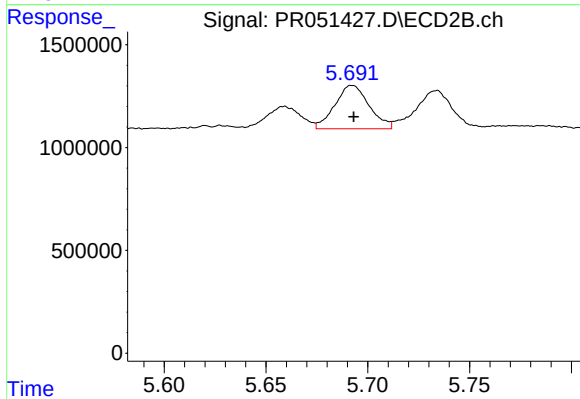
#19 AR-1242-4

R.T.: 5.170 min
Delta R.T.: -0.002 min
Response: 1911449
Conc: 12.94 ng/ml



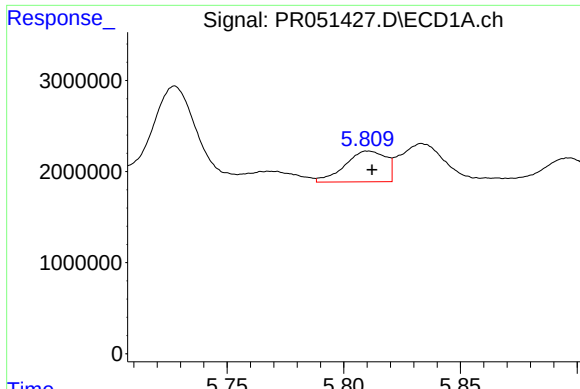
#20 AR-1242-5

R.T.: 6.734 min
Delta R.T.: -0.002 min
Response: 3055762
Conc: 13.96 ng/ml



#20 AR-1242-5

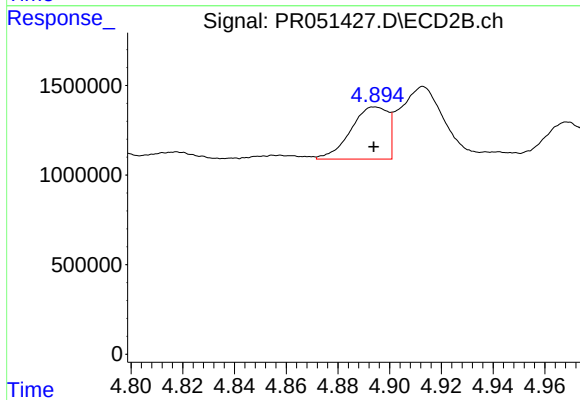
R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 2474613
Conc: 12.34 ng/ml



#21 AR-1248-1

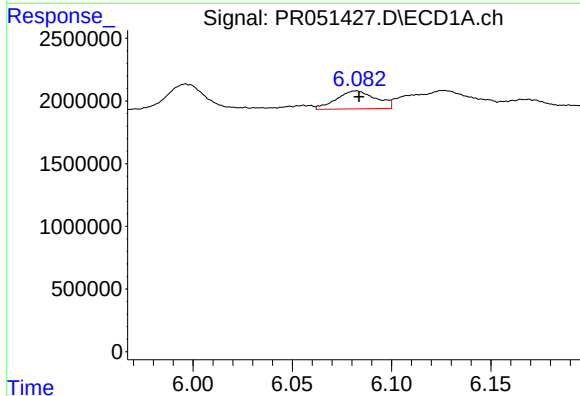
R.T.: 5.811 min
Delta R.T.: -0.002 min
Response: 4114565
Conc: 19.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



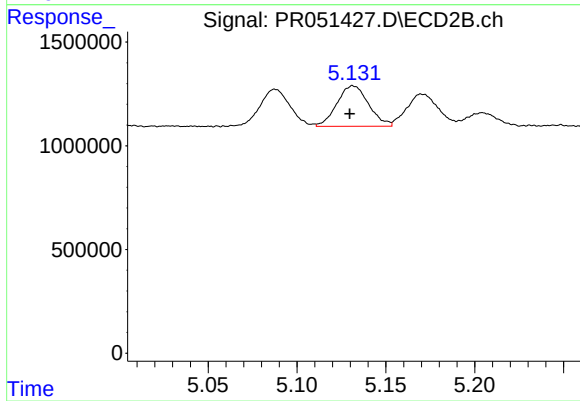
#21 AR-1248-1

R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 2907223
Conc: 17.04 ng/ml



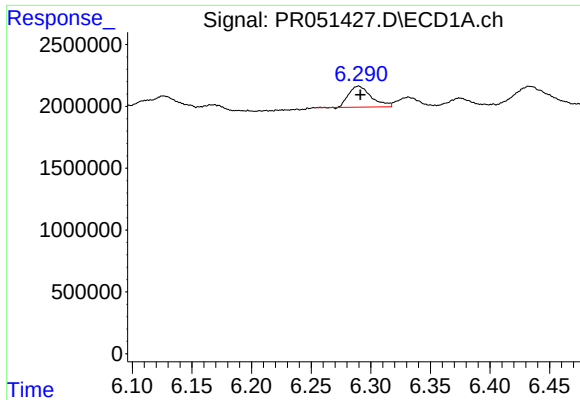
#22 AR-1248-2

R.T.: 6.082 min
Delta R.T.: -0.001 min
Response: 1987593
Conc: 6.79 ng/ml



#22 AR-1248-2

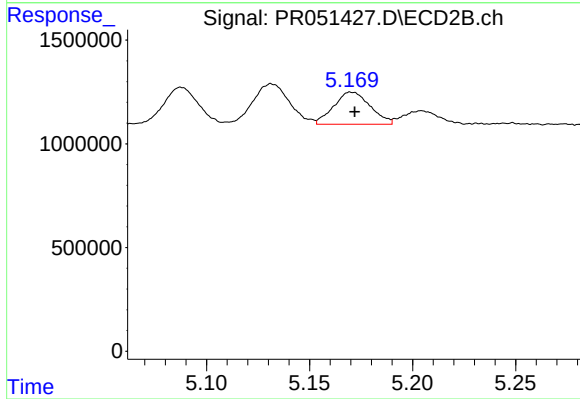
R.T.: 5.132 min
Delta R.T.: 0.002 min
Response: 2429132
Conc: 10.61 ng/ml



#23 AR-1248-3

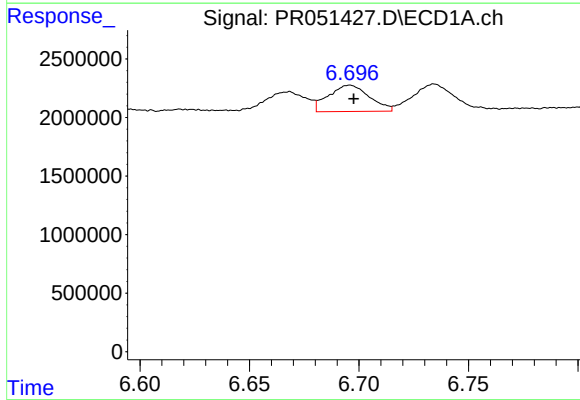
R.T.: 6.290 min
Delta R.T.: -0.001 min
Response: 2252059
Conc: 6.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



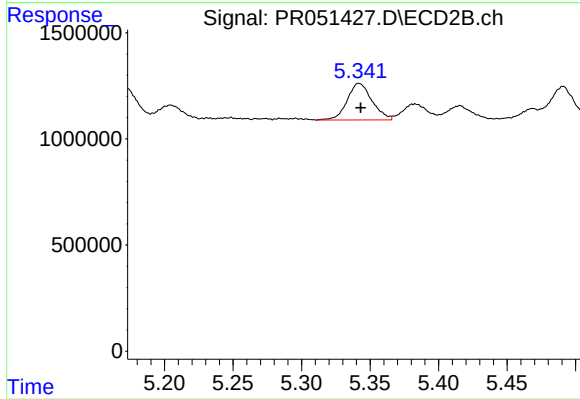
#23 AR-1248-3

R.T.: 5.170 min
Delta R.T.: -0.002 min
Response: 1911449
Conc: 8.03 ng/ml



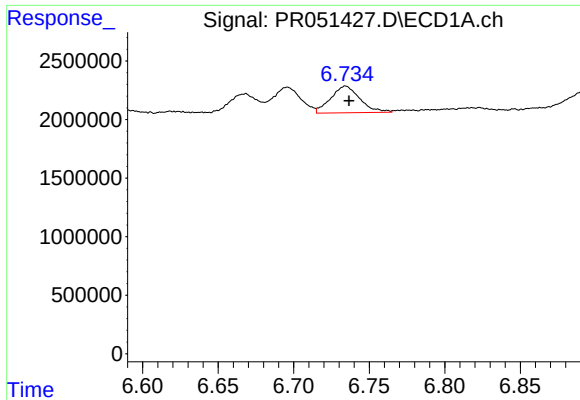
#24 AR-1248-4

R.T.: 6.696 min
Delta R.T.: -0.002 min
Response: 2920744
Conc: 7.03 ng/ml



#24 AR-1248-4

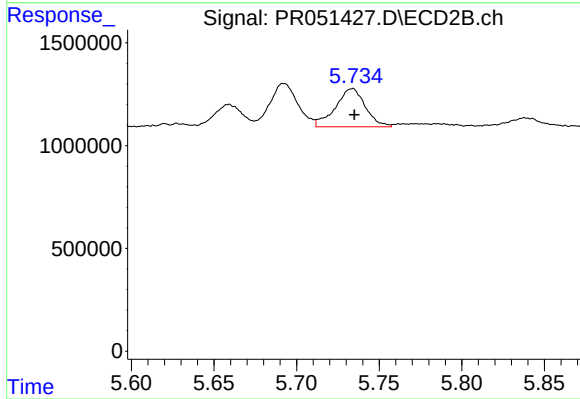
R.T.: 5.342 min
Delta R.T.: -0.001 min
Response: 2176114
Conc: 7.58 ng/ml



#25 AR-1248-5

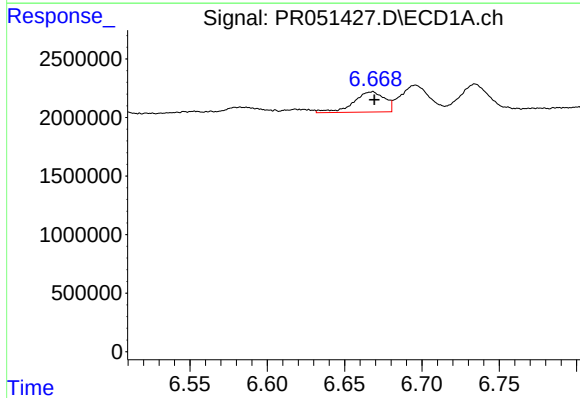
R.T.: 6.734 min
Delta R.T.: -0.002 min
Response: 3055762
Conc: 7.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



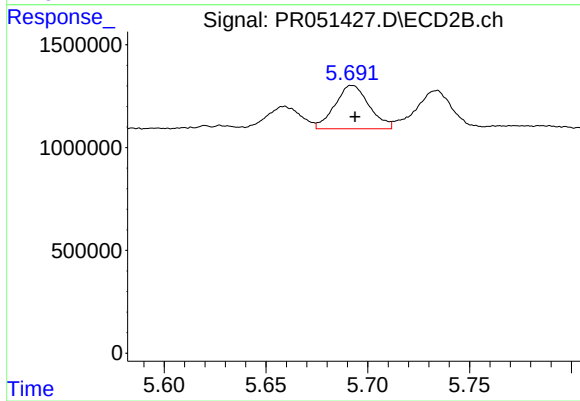
#25 AR-1248-5

R.T.: 5.734 min
Delta R.T.: -0.001 min
Response: 2342146
Conc: 7.64 ng/ml



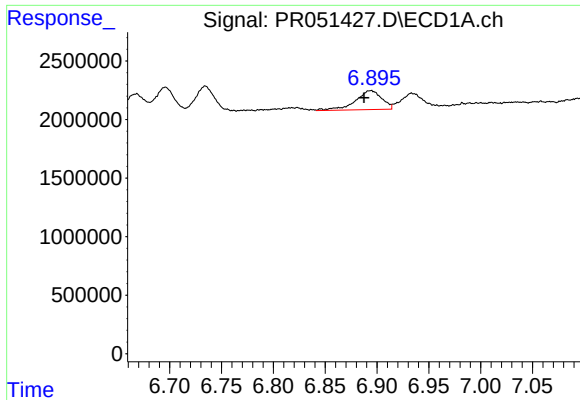
#26 AR-1254-1

R.T.: 6.668 min
Delta R.T.: -0.002 min
Response: 2443350
Conc: 6.89 ng/ml



#26 AR-1254-1

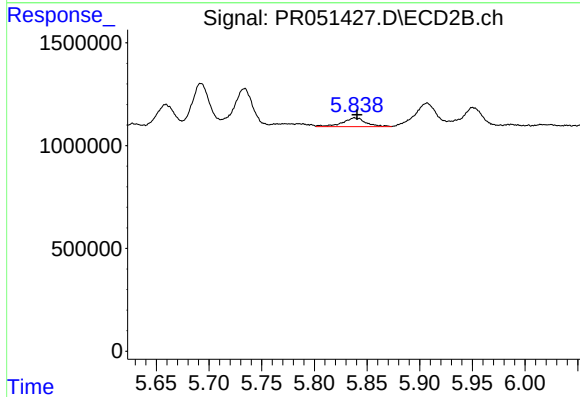
R.T.: 5.692 min
Delta R.T.: -0.002 min
Response: 2474613
Conc: 6.02 ng/ml



#27 AR-1254-2

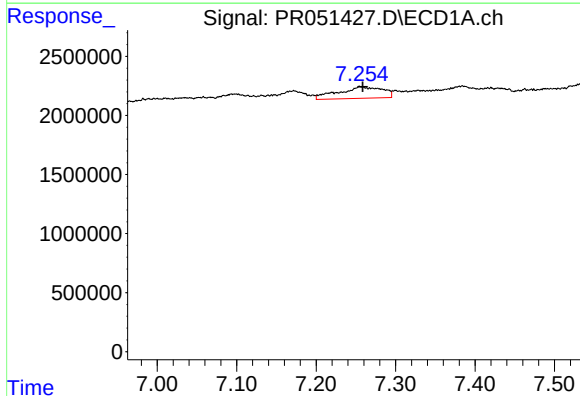
R.T.: 6.894 min
Delta R.T.: 0.006 min
Response: 2892905
Conc: 5.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



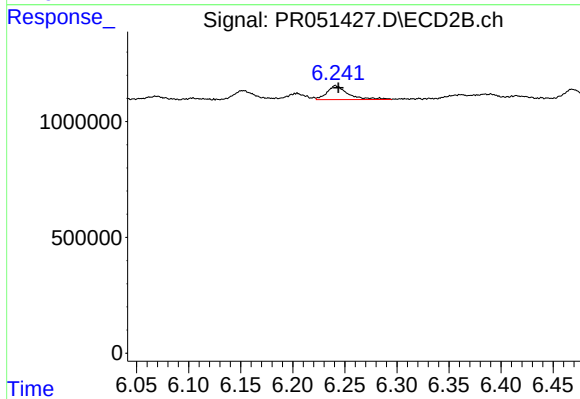
#27 AR-1254-2

R.T.: 5.838 min
Delta R.T.: -0.002 min
Response: 656255
Conc: 1.89 ng/ml



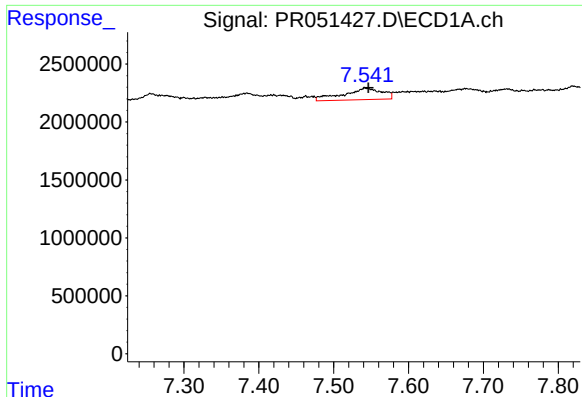
#28 AR-1254-3

R.T.: 7.255 min
Delta R.T.: -0.003 min
Response: 3746205
Conc: 6.26 ng/ml



#28 AR-1254-3

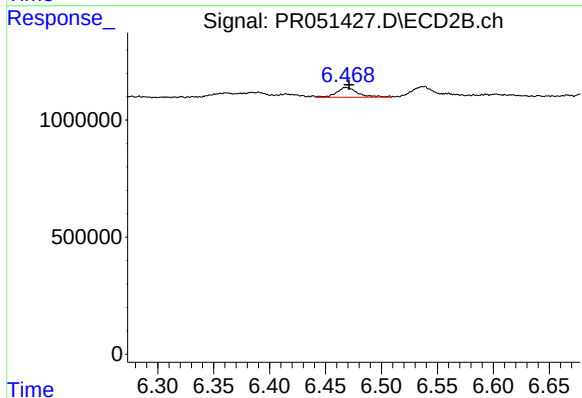
R.T.: 6.241 min
Delta R.T.: -0.003 min
Response: 849459
Conc: 1.41 ng/ml



#29 AR-1254-4

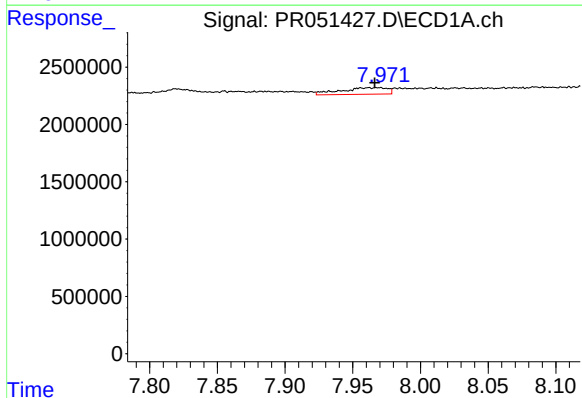
R.T.: 7.542 min
Delta R.T.: -0.004 min
Response: 3597872
Conc: 7.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



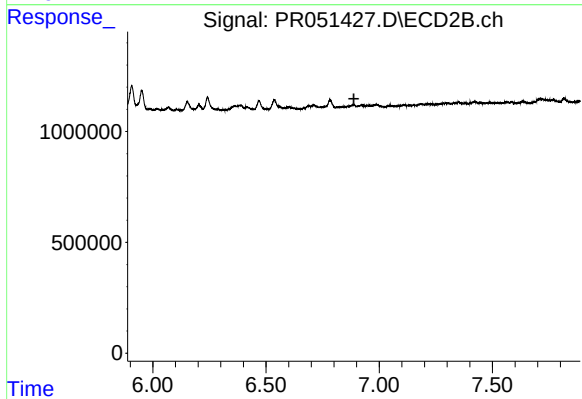
#29 AR-1254-4

R.T.: 6.468 min
Delta R.T.: -0.003 min
Response: 561278
Conc: 1.49 ng/ml



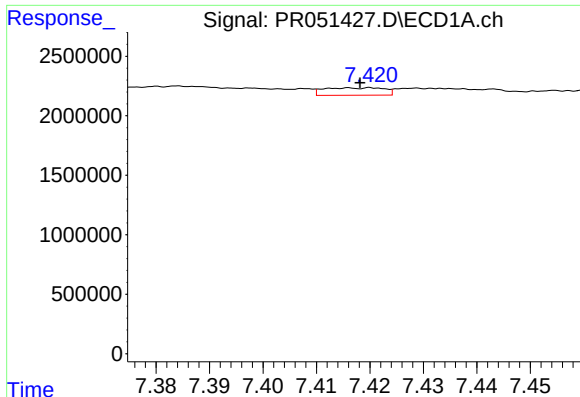
#30 AR-1254-5

R.T.: 7.962 min
Delta R.T.: -0.004 min
Response: 1379294
Conc: 2.91 ng/ml



#30 AR-1254-5

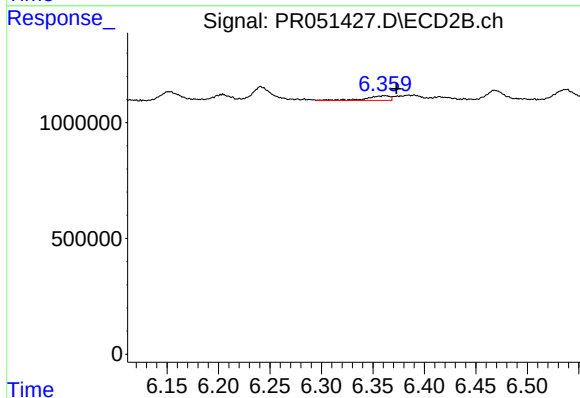
R.T.: 0.000 min
Exp R.T.: 6.888 min
Response: 0
Conc: N.D.



#31 AR-1260-1

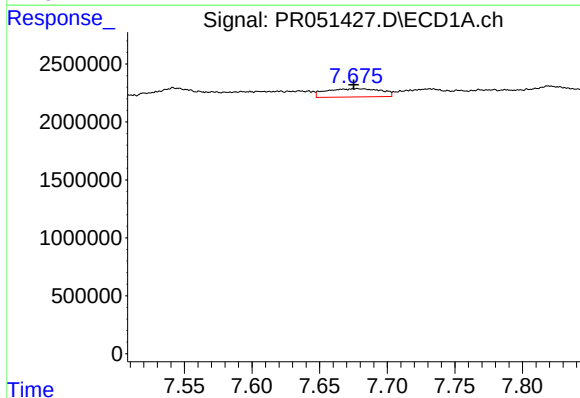
R.T.: 7.420 min
Delta R.T.: 0.002 min
Response: 490304
Conc: 1.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



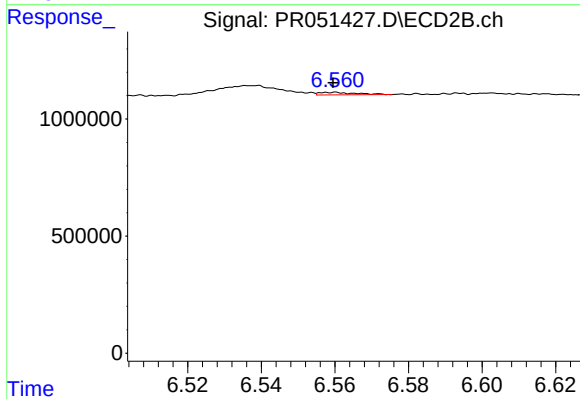
#31 AR-1260-1

R.T.: 6.362 min
Delta R.T.: -0.011 min
Response: 317204
Conc: 0.77 ng/ml



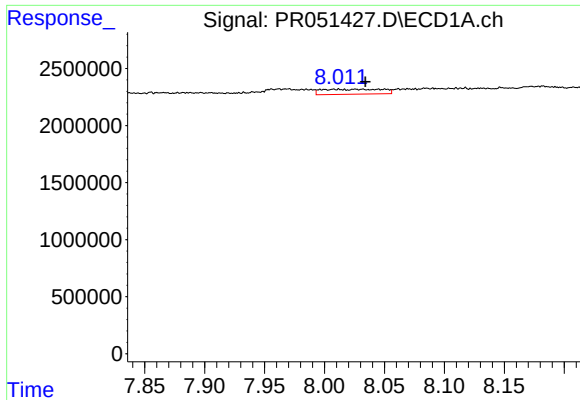
#32 AR-1260-2

R.T.: 7.676 min
Delta R.T.: 0.001 min
Response: 2018304
Conc: 3.20 ng/ml



#32 AR-1260-2

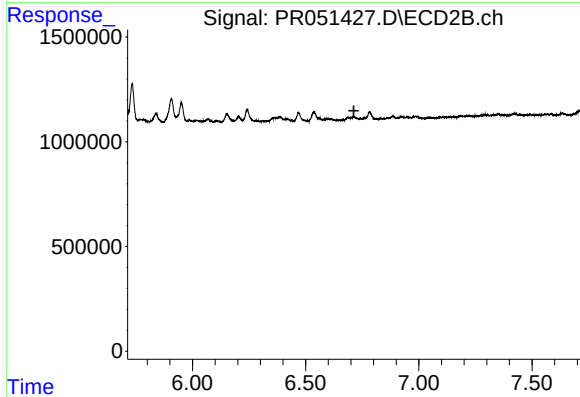
R.T.: 6.560 min
Delta R.T.: 0.000 min
Response: 77992
Conc: 0.15 ng/ml



#33 AR-1260-3

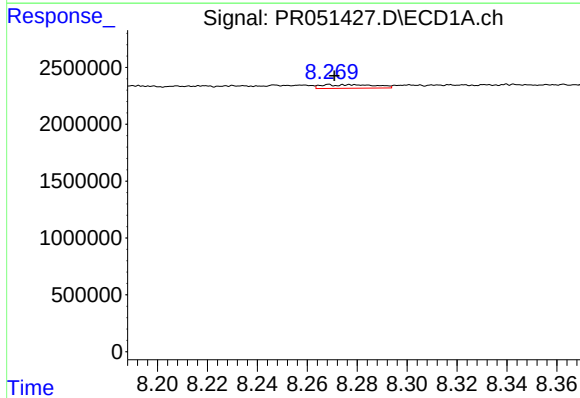
R.T.: 8.012 min
Delta R.T.: -0.023 min
Response: 1547949
Conc: 3.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



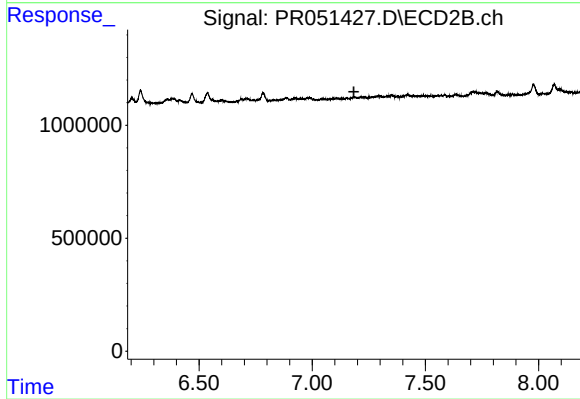
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.713 min
Response: 0
Conc: N.D.



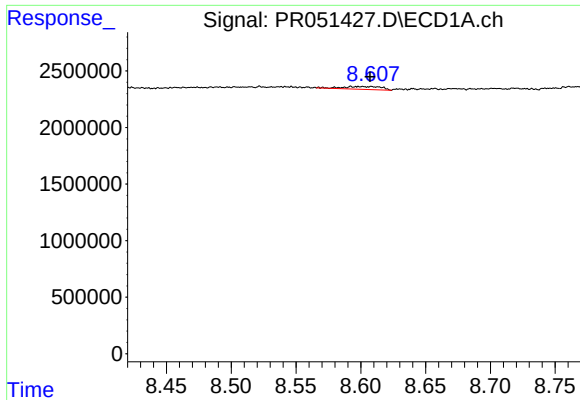
#34 AR-1260-4

R.T.: 8.269 min
Delta R.T.: -0.002 min
Response: 470703
Conc: 0.92 ng/ml



#34 AR-1260-4

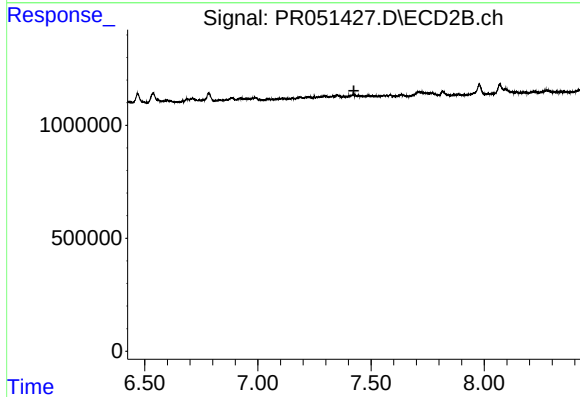
R.T.: 0.000 min
Exp R.T. : 7.184 min
Response: 0
Conc: N.D.



#35 AR-1260-5

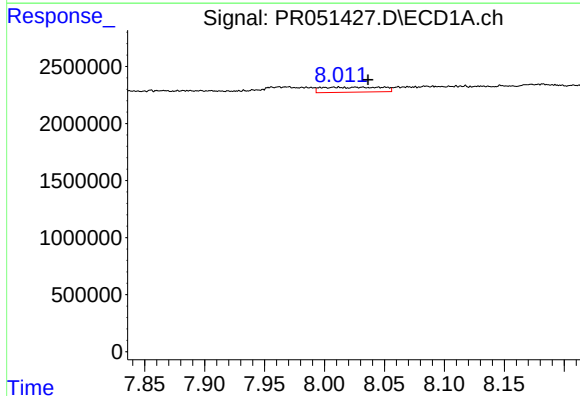
R.T.: 8.593 min
Delta R.T.: -0.015 min
Response: 520264
Conc: 0.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



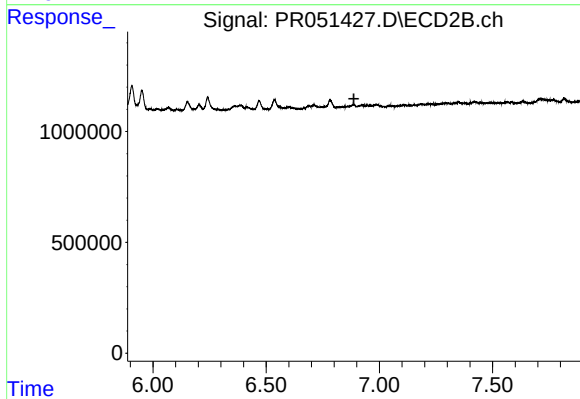
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.424 min
Response: 0
Conc: N.D.



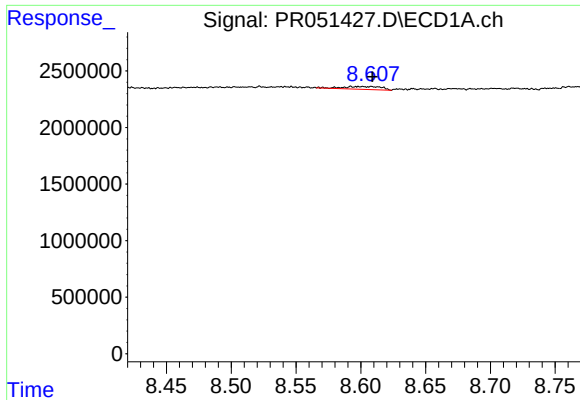
#36 AR-1262-1

R.T.: 8.012 min
Delta R.T.: -0.025 min
Response: 1547949
Conc: 2.36 ng/ml



#36 AR-1262-1

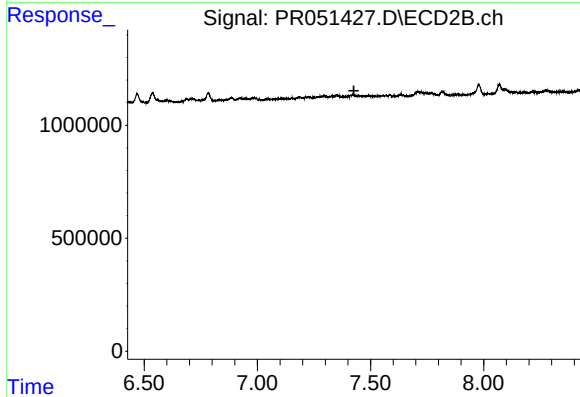
R.T.: 0.000 min
Exp R.T. : 6.888 min
Response: 0
Conc: N.D.



#37 AR-1262-2

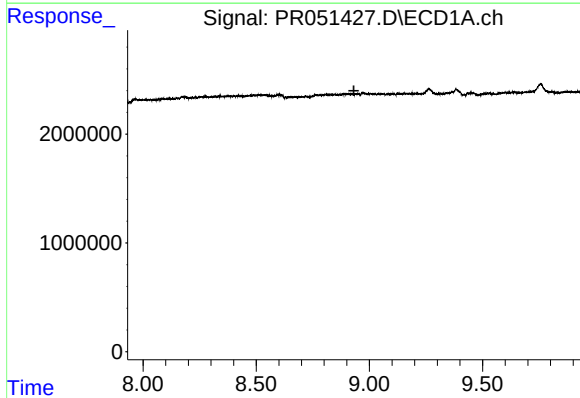
R.T.: 8.593 min
Delta R.T.: -0.016 min
Response: 520264
Conc: 0.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



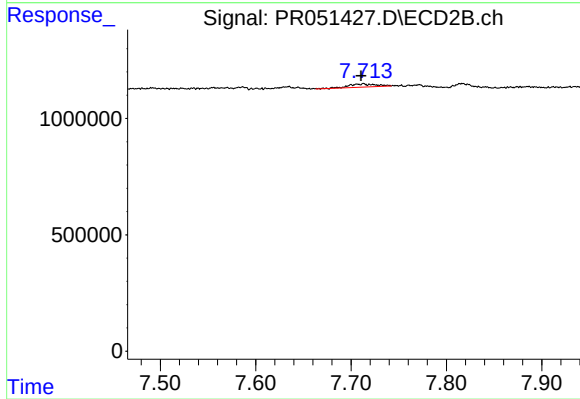
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.426 min
Response: 0
Conc: N.D.



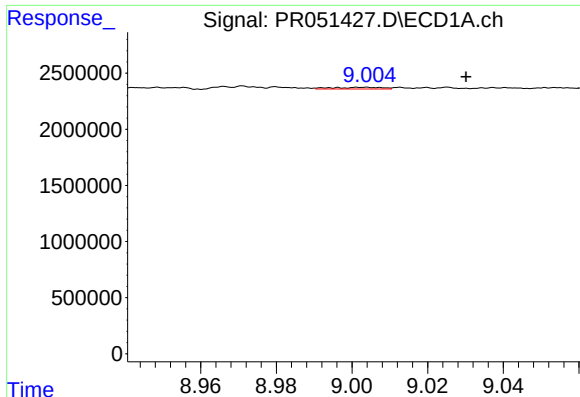
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.931 min
Response: 0
Conc: N.D.



#38 AR-1262-3

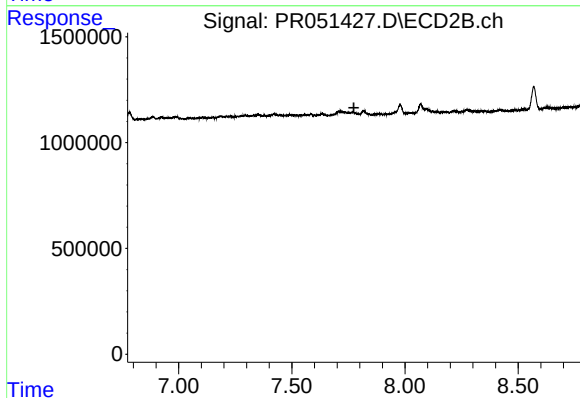
R.T.: 7.713 min
Delta R.T.: 0.003 min
Response: 276519
Conc: 0.75 ng/ml



#39 AR-1262-4

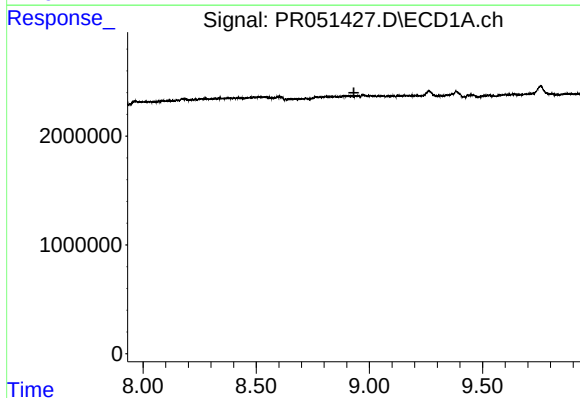
R.T.: 9.003 min
Delta R.T.: -0.027 min
Response: 141445
Conc: 0.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



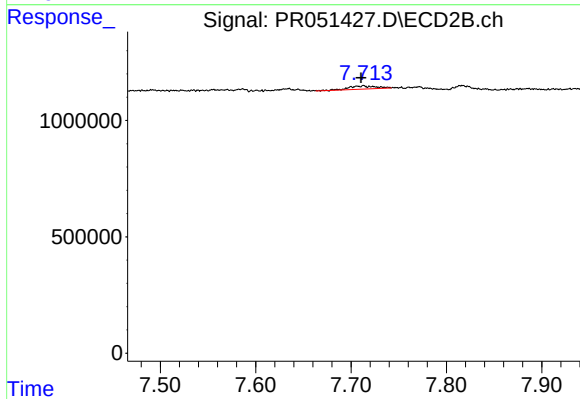
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.774 min
Response: 0
Conc: N.D.



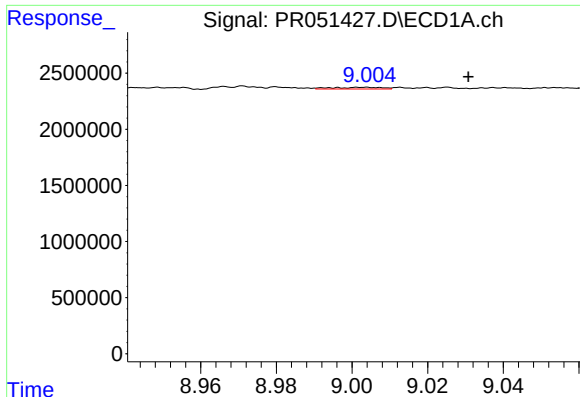
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.932 min
Response: 0
Conc: N.D.



#41 AR-1268-1

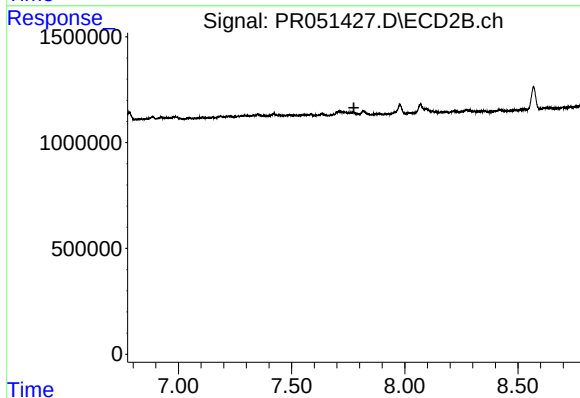
R.T.: 7.713 min
Delta R.T.: 0.003 min
Response: 276519
Conc: 0.26 ng/ml



#42 AR-1268-2

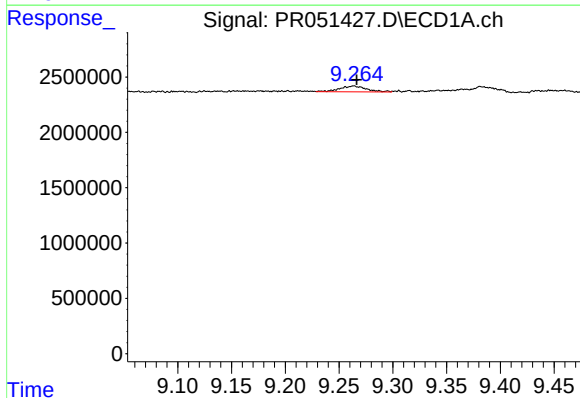
R.T.: 9.003 min
Delta R.T.: -0.028 min
Response: 141445
Conc: 0.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



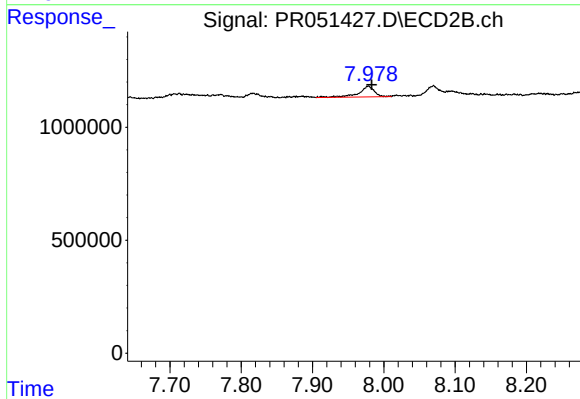
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.775 min
Response: 0
Conc: N.D.



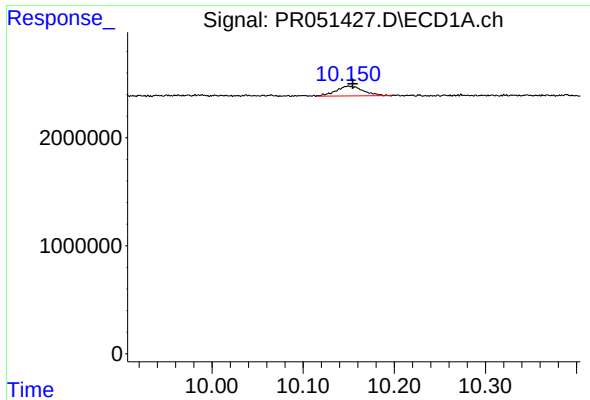
#43 AR-1268-3

R.T.: 9.264 min
Delta R.T.: -0.003 min
Response: 897606
Conc: 0.80 ng/ml



#43 AR-1268-3

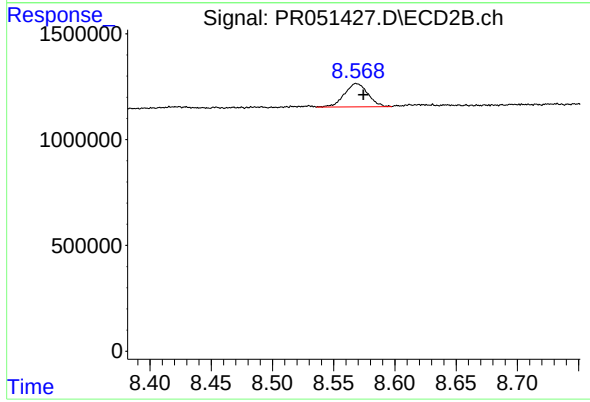
R.T.: 7.978 min
Delta R.T.: -0.005 min
Response: 736613
Conc: 0.90 ng/ml



#45 AR-1268-5

R.T.: 10.150 min
Delta R.T.: -0.004 min
Response: 1881045
Conc: 0.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.569 min
Delta R.T.: -0.006 min
Response: 1471102
Conc: 0.53 ng/ml