

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072821\
 Data File : PR051432.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2021 18:46
 Operator : AJ\MA
 Sample : M2940-09
 Misc : AR1268 MDL 25 PPB
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 04:45:52 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	3.808	121.3E6	110.7E6	14.844	14.885
2)	SA Decachlor...	10.504	8.832	171.8E6	129.3E6	17.891	16.170
Target Compounds							
3)	L1 AR-1016-1	5.833f	4.901	410939	972979	1.133	3.307 #
4)	L1 AR-1016-2	5.833	4.901	410939	972979	0.792	2.304 #
5)	L1 AR-1016-3	5.896	0.000	164729	0	0.543	N.D. #
6)	L1 AR-1016-4	5.994	5.135	196891	1442297	0.766	8.516 #
8)	L2 AR-1221-1	4.856	4.030	184061	517059	2.090	7.043 #
9)	L2 AR-1221-2	4.938	4.109	2404363	1465385	35.748	24.846 #
10)	L2 AR-1221-3	5.013	0.000	781674	0	3.636	N.D. #
11)	L3 AR-1232-1	5.013	0.000	781674	0	4.329	N.D. #
12)	L3 AR-1232-2	5.543	4.901	293624	972979	3.020	5.804 #
13)	L3 AR-1232-3	5.833	0.000	410939	0	1.966	N.D. #
14)	L3 AR-1232-4	5.994	0.000	196891	0	1.907	N.D. #
15)	L3 AR-1232-5	6.108f	0.000	1642178	0	21.864	N.D. #
16)	L4 AR-1242-1	5.833f	4.901	410939	972979	1.606	4.695 #
17)	L4 AR-1242-2	5.833	4.901	410939	972979	1.087	3.209 #
18)	L4 AR-1242-3	5.896	0.000	164729	0	0.749	N.D. #
19)	L4 AR-1242-4	5.994	0.000	196891	0	1.056	N.D. #
20)	L4 AR-1242-5	6.736	5.717f	1567408	649488	7.161	3.239 #
21)	L5 AR-1248-1	5.833f	4.901	410939	972979	1.949	5.703 #
22)	L5 AR-1248-2	6.108f	5.135	1642178	1442297	5.609	6.297
24)	L5 AR-1248-4	6.670f	0.000	3689944	0	8.876	N.D. #
25)	L5 AR-1248-5	6.736	5.717f	1567408	649488	3.929	2.119 #
26)	L6 AR-1254-1	6.670	5.717f	3689944	649488	10.411	1.581 #
27)	L6 AR-1254-2	6.897	0.000	2951756	0	5.251	N.D. #
28)	L6 AR-1254-3	7.281f	6.258	5963886	395014	9.962	0.656 #
29)	L6 AR-1254-4	7.563f	6.471	6176846	278393	12.565	0.741 #
30)	L6 AR-1254-5	7.946f	0.000	3834774	0	8.094	N.D. #
31)	L7 AR-1260-1	7.391f	0.000	4526813	0	9.487	N.D. #
32)	L7 AR-1260-2	7.679	6.537f	2814442	666358	4.456	1.318 #
33)	L7 AR-1260-3	8.033	6.720	10865922	440772	21.732	0.900 #
34)	L7 AR-1260-4	8.286	7.182	12154887	6621321	23.734	16.201 #
35)	L7 AR-1260-5	8.605	7.423	5494374	2972493	4.767	2.836 #
36)	L8 AR-1262-1	8.033	0.000	10865922	0	16.550	N.D. #
37)	L8 AR-1262-2	8.605	7.423	5494374	2972493	4.574	2.927 #
38)	L8 AR-1262-3	8.928	7.707	36712608	28001765	48.147	76.114 #
39)	L8 AR-1262-4	9.028	7.772	32985978	24996481	56.644	34.296 #
40)	L8 AR-1262-5	9.720	8.270	17202263	9839018	40.924	30.165 #
41)	L9 AR-1268-1	8.928	7.707	36712608	28001765	25.974	25.996
42)	L9 AR-1268-2	9.028	7.772	32985978	24996481	25.836	25.103
43)	L9 AR-1268-3	9.264	7.979	29570094	21710352	26.488	26.390

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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
44) L9	AR-1268-4	9.720	8.270	17202263	9839018	37.924	27.719 #
45) L9	AR-1268-5	10.151	8.570	91935769	67640156	25.135	24.339

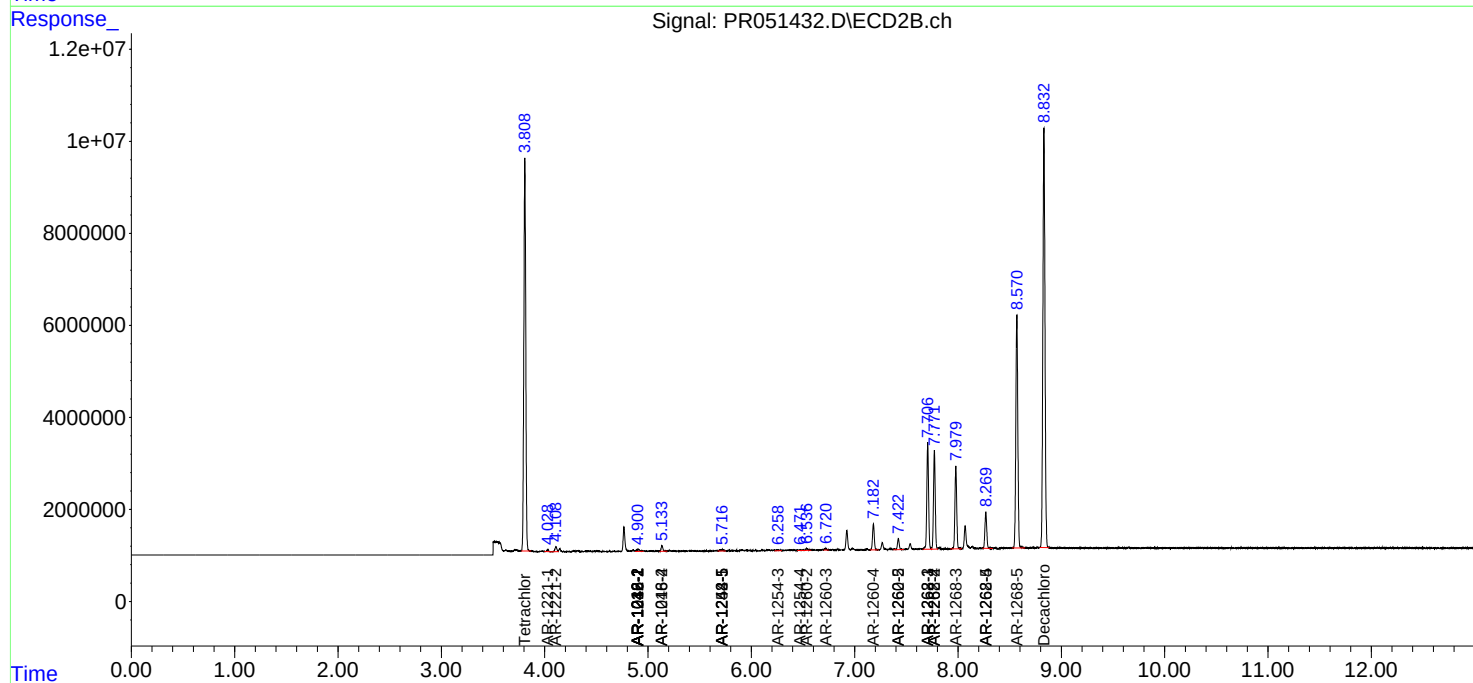
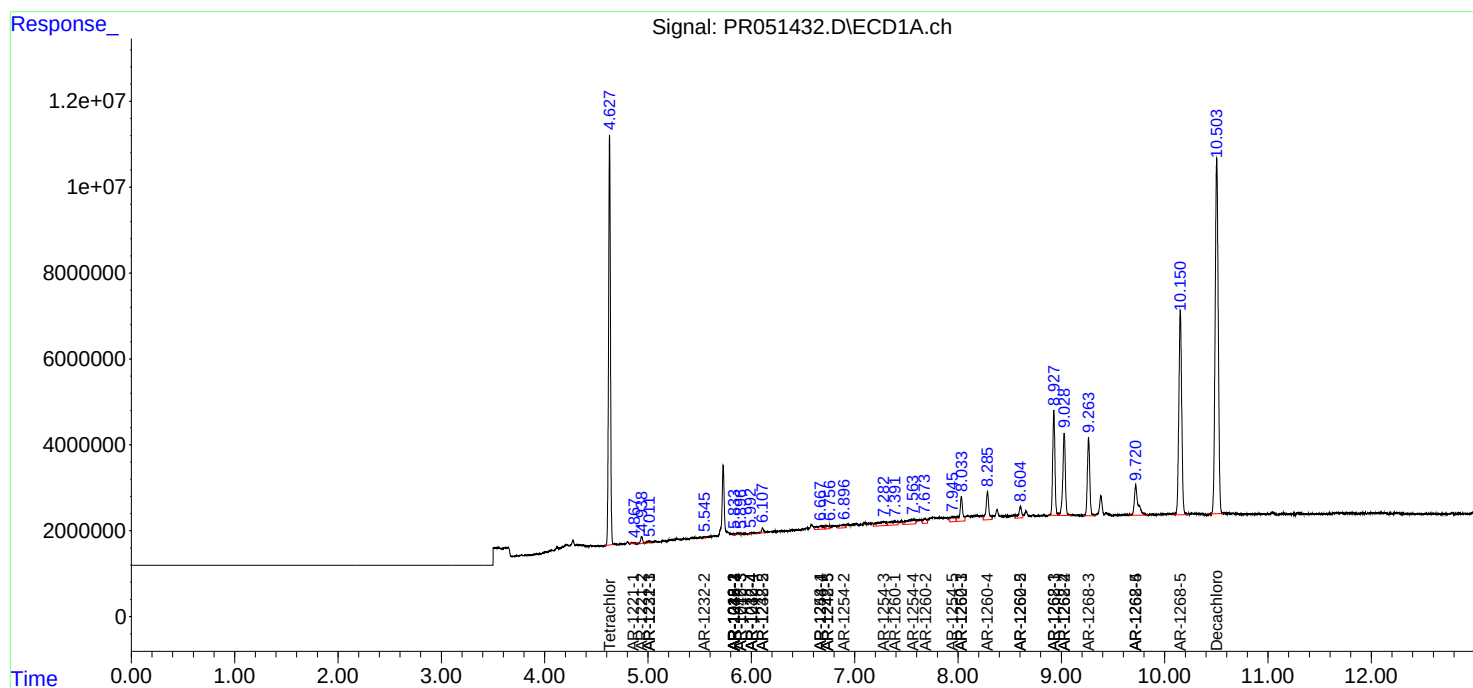
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

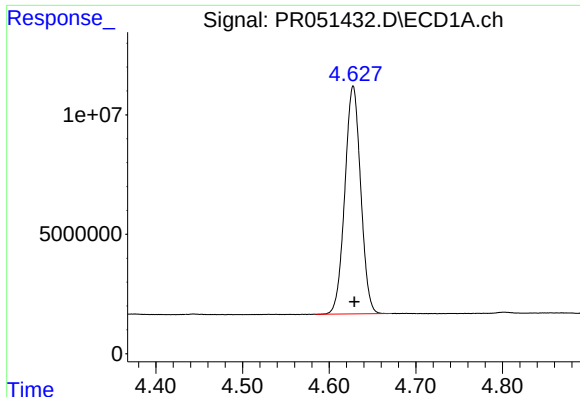
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

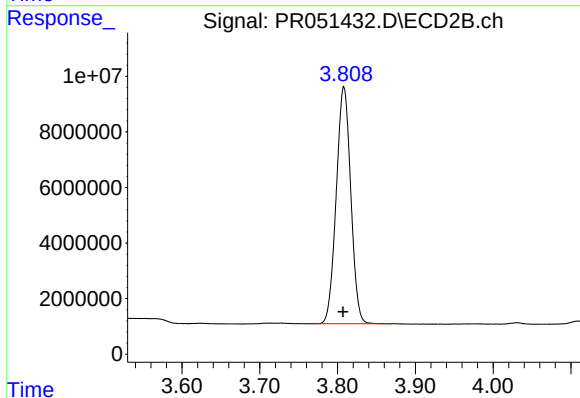




#1 Tetrachloro-m-xylene

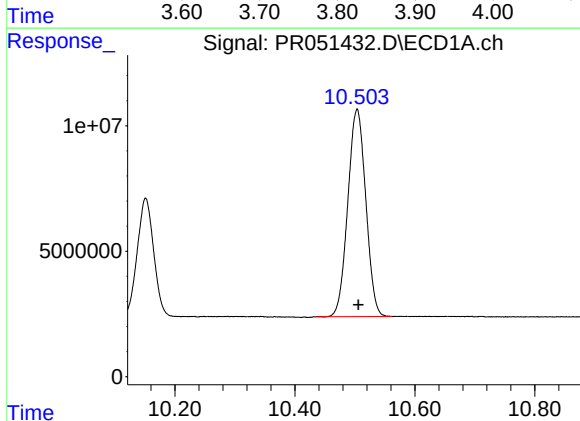
R.T.: 4.628 min
Delta R.T.: -0.001 min
Response: 121323424
Conc: 14.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



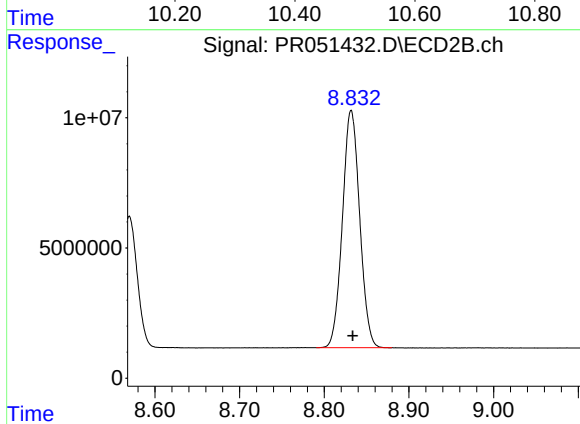
#1 Tetrachloro-m-xylene

R.T.: 3.808 min
Delta R.T.: 0.000 min
Response: 110681088
Conc: 14.88 ng/ml



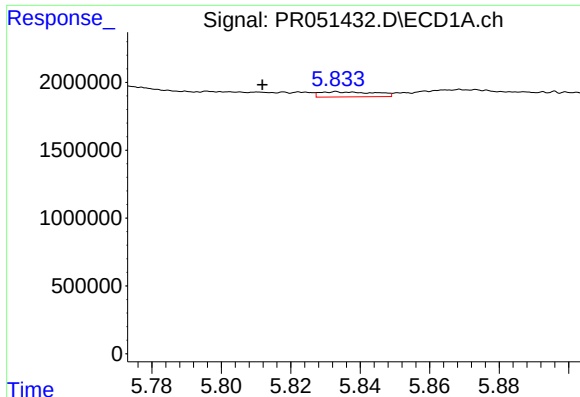
#2 Decachlorobiphenyl

R.T.: 10.504 min
Delta R.T.: -0.002 min
Response: 171846016
Conc: 17.89 ng/ml



#2 Decachlorobiphenyl

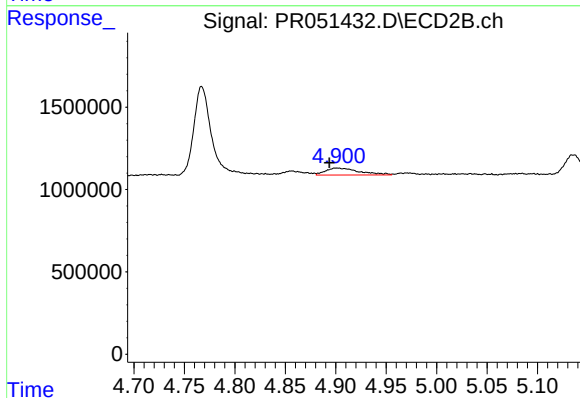
R.T.: 8.832 min
Delta R.T.: -0.002 min
Response: 129284352
Conc: 16.17 ng/ml



#3 AR-1016-1

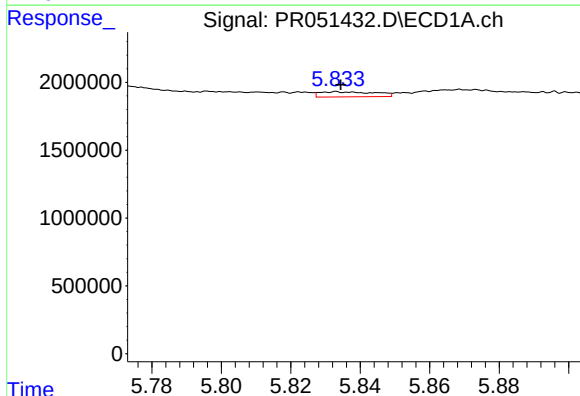
R.T.: 5.833 min
Delta R.T.: 0.021 min
Response: 410939
Conc: 1.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



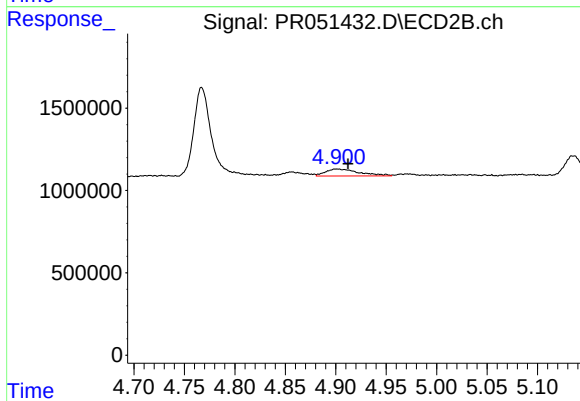
#3 AR-1016-1

R.T.: 4.901 min
Delta R.T.: 0.007 min
Response: 972979
Conc: 3.31 ng/ml



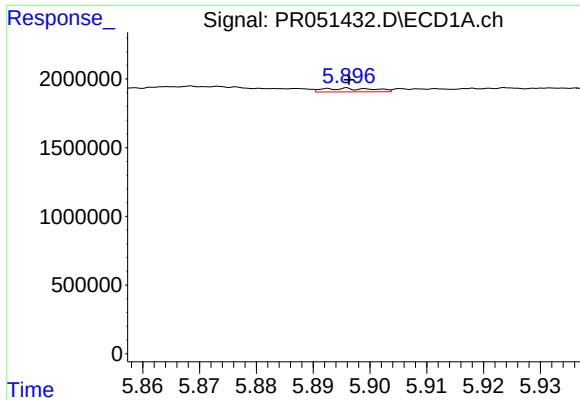
#4 AR-1016-2

R.T.: 5.833 min
Delta R.T.: -0.001 min
Response: 410939
Conc: 0.79 ng/ml



#4 AR-1016-2

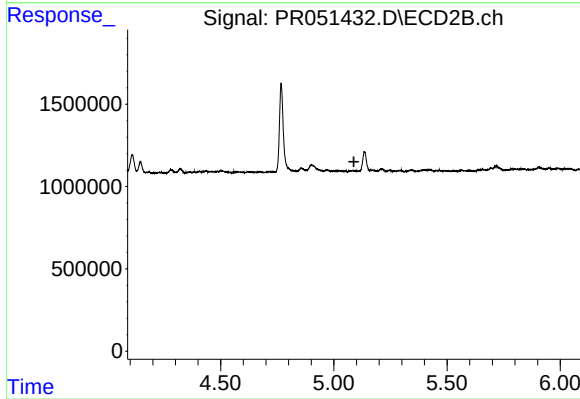
R.T.: 4.901 min
Delta R.T.: -0.011 min
Response: 972979
Conc: 2.30 ng/ml



#5 AR-1016-3

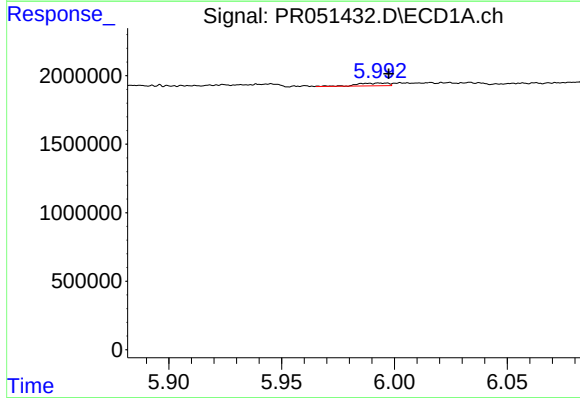
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 164729
Conc: 0.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



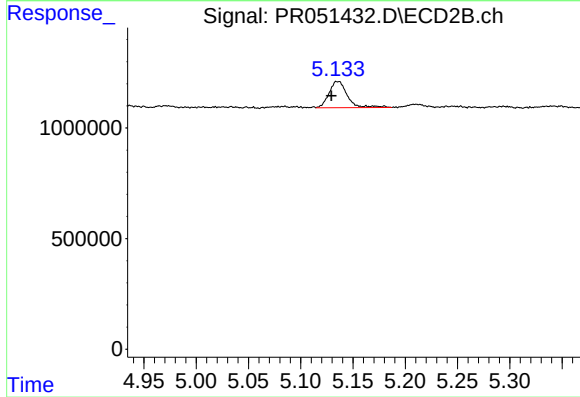
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.088 min
Response: 0
Conc: N.D.



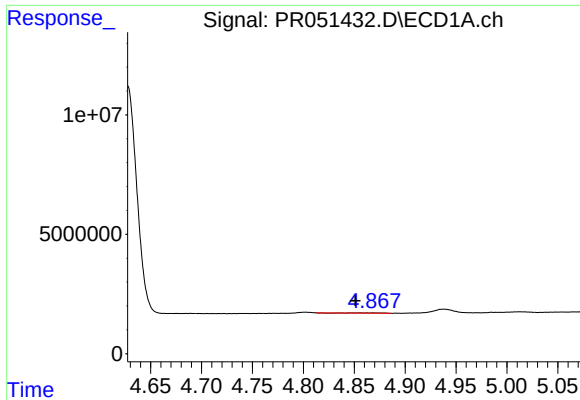
#6 AR-1016-4

R.T.: 5.994 min
Delta R.T.: -0.003 min
Response: 196891
Conc: 0.77 ng/ml



#6 AR-1016-4

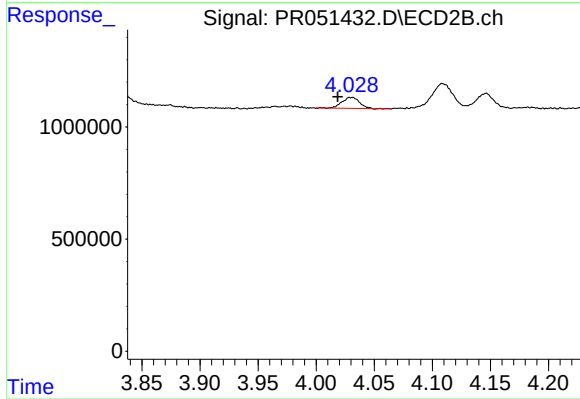
R.T.: 5.135 min
Delta R.T.: 0.006 min
Response: 1442297
Conc: 8.52 ng/ml



#8 AR-1221-1

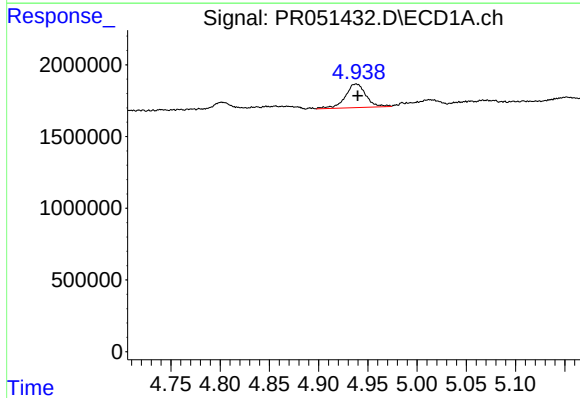
R.T.: 4.856 min
Delta R.T.: 0.005 min
Response: 184061
Conc: 2.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



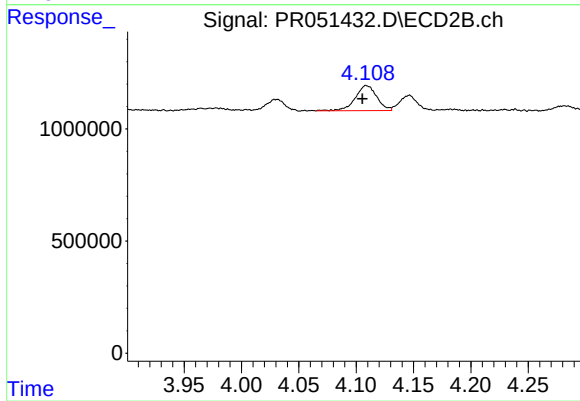
#8 AR-1221-1

R.T.: 4.030 min
Delta R.T.: 0.012 min
Response: 517059
Conc: 7.04 ng/ml



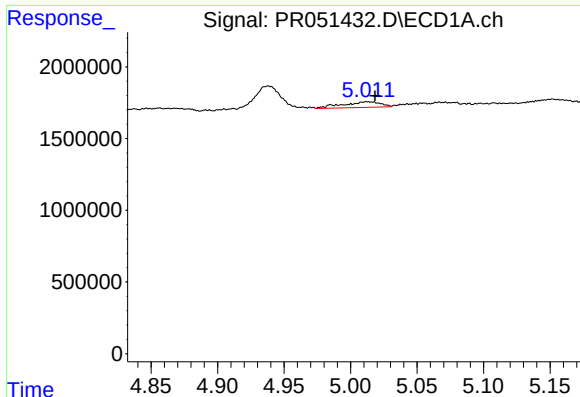
#9 AR-1221-2

R.T.: 4.938 min
Delta R.T.: -0.002 min
Response: 2404363
Conc: 35.75 ng/ml



#9 AR-1221-2

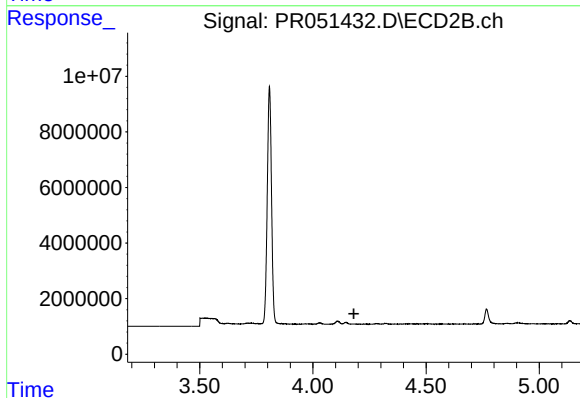
R.T.: 4.109 min
Delta R.T.: 0.004 min
Response: 1465385
Conc: 24.85 ng/ml



#10 AR-1221-3

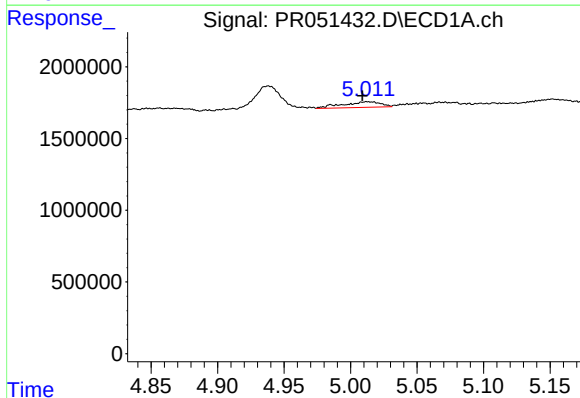
R.T.: 5.013 min
Delta R.T.: -0.006 min
Response: 781674
Conc: 3.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



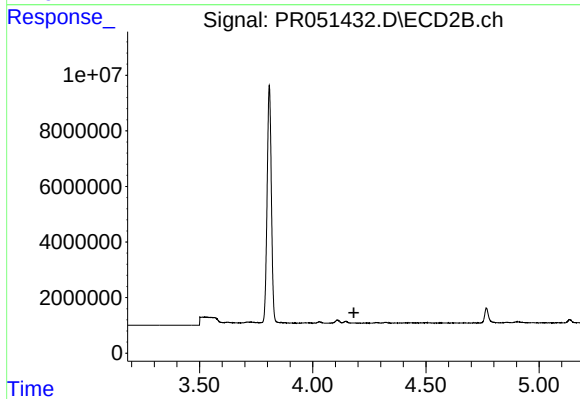
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.181 min
Response: 0
Conc: N.D.



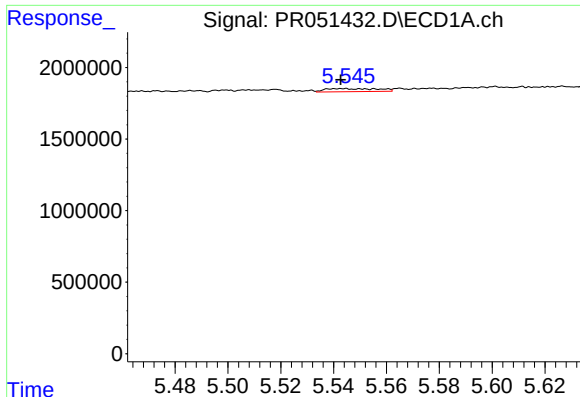
#11 AR-1232-1

R.T.: 5.013 min
Delta R.T.: 0.004 min
Response: 781674
Conc: 4.33 ng/ml



#11 AR-1232-1

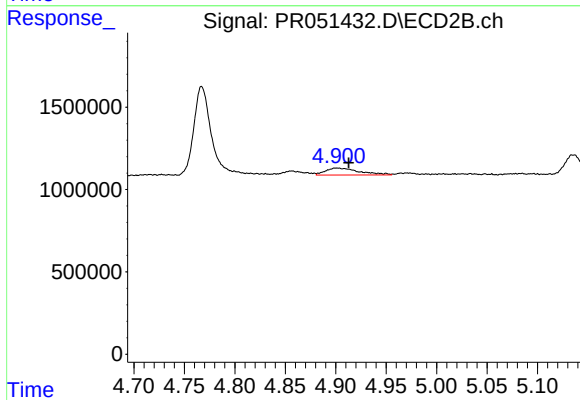
R.T.: 0.000 min
Exp R.T. : 4.182 min
Response: 0
Conc: N.D.



#12 AR-1232-2

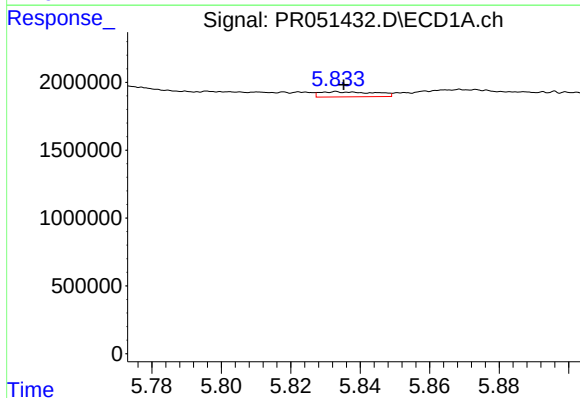
R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 293624
Conc: 3.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



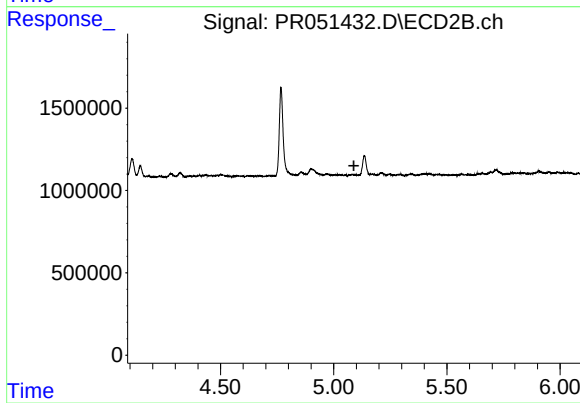
#12 AR-1232-2

R.T.: 4.901 min
Delta R.T.: -0.012 min
Response: 972979
Conc: 5.80 ng/ml



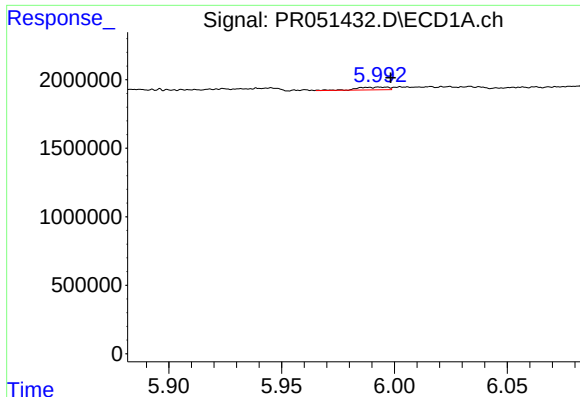
#13 AR-1232-3

R.T.: 5.833 min
Delta R.T.: -0.002 min
Response: 410939
Conc: 1.97 ng/ml



#13 AR-1232-3

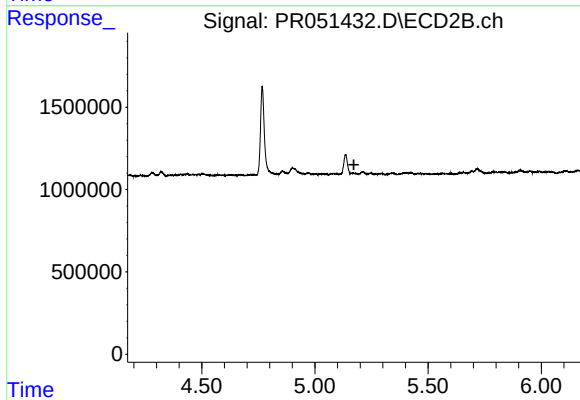
R.T.: 0.000 min
Exp R.T.: 5.089 min
Response: 0
Conc: N.D.



#14 AR-1232-4

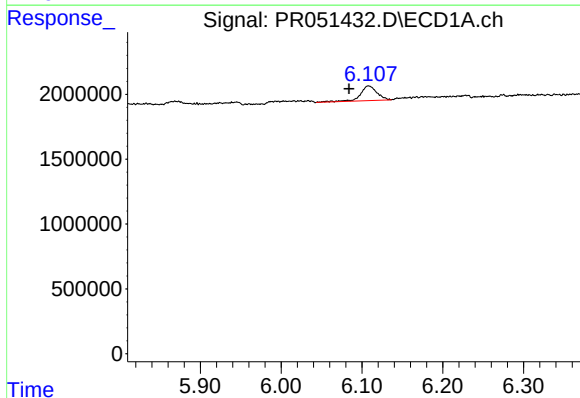
R.T.: 5.994 min
Delta R.T.: -0.004 min
Response: 196891
Conc: 1.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



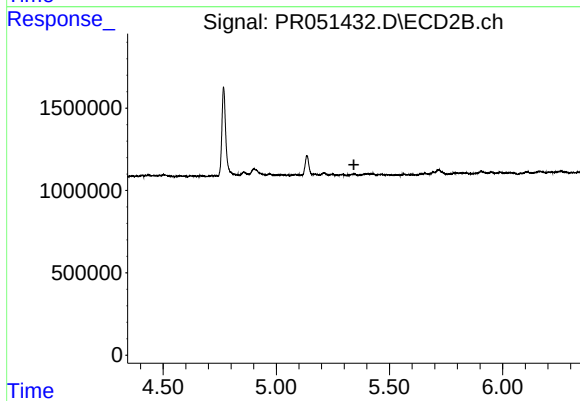
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.172 min
Response: 0
Conc: N.D.



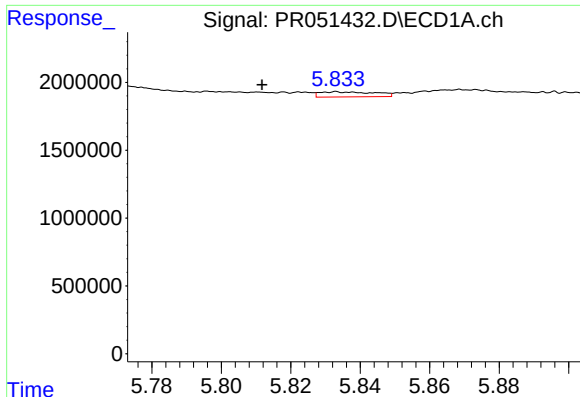
#15 AR-1232-5

R.T.: 6.108 min
Delta R.T.: 0.024 min
Response: 1642178
Conc: 21.86 ng/ml



#15 AR-1232-5

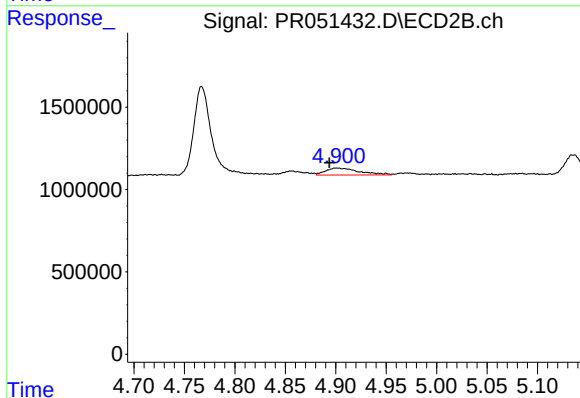
R.T.: 0.000 min
Exp R.T. : 5.343 min
Response: 0
Conc: N.D.



#16 AR-1242-1

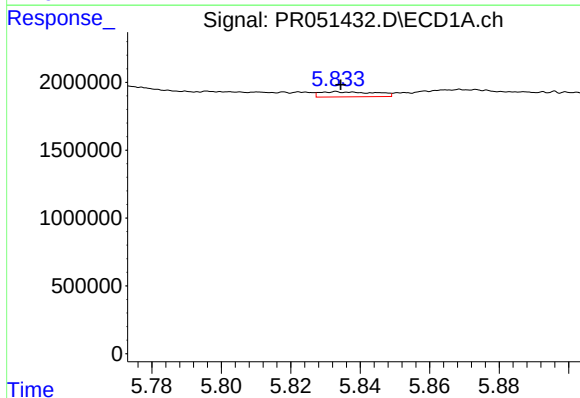
R.T.: 5.833 min
Delta R.T.: 0.021 min
Response: 410939
Conc: 1.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



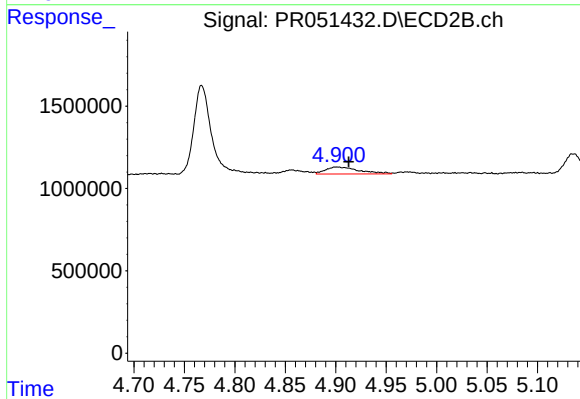
#16 AR-1242-1

R.T.: 4.901 min
Delta R.T.: 0.007 min
Response: 972979
Conc: 4.69 ng/ml



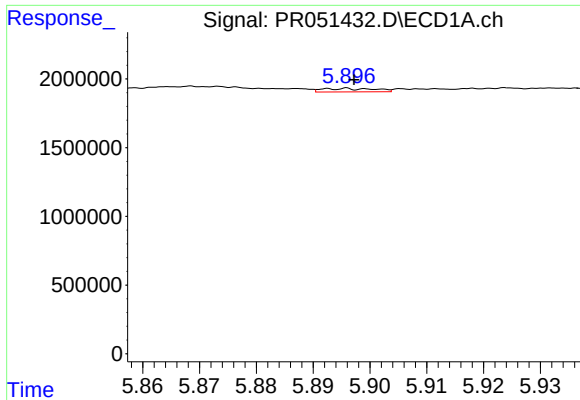
#17 AR-1242-2

R.T.: 5.833 min
Delta R.T.: -0.001 min
Response: 410939
Conc: 1.09 ng/ml



#17 AR-1242-2

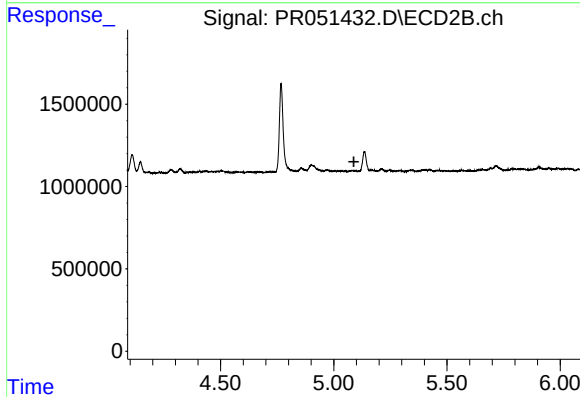
R.T.: 4.901 min
Delta R.T.: -0.012 min
Response: 972979
Conc: 3.21 ng/ml



#18 AR-1242-3

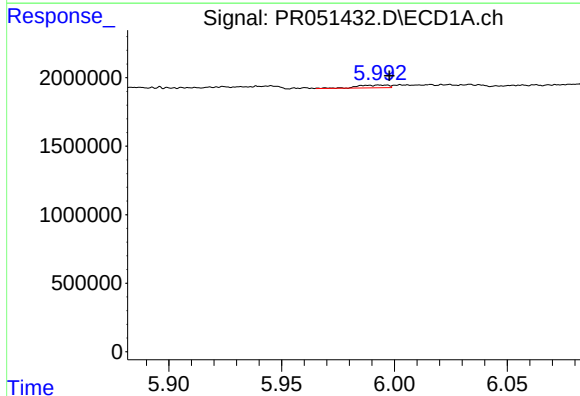
R.T.: 5.896 min
Delta R.T.: -0.002 min
Response: 164729
Conc: 0.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



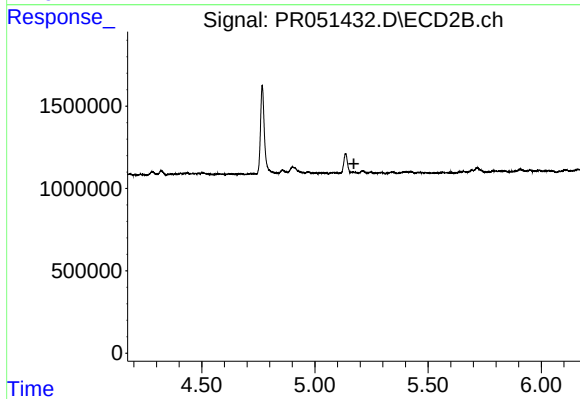
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.089 min
Response: 0
Conc: N.D.



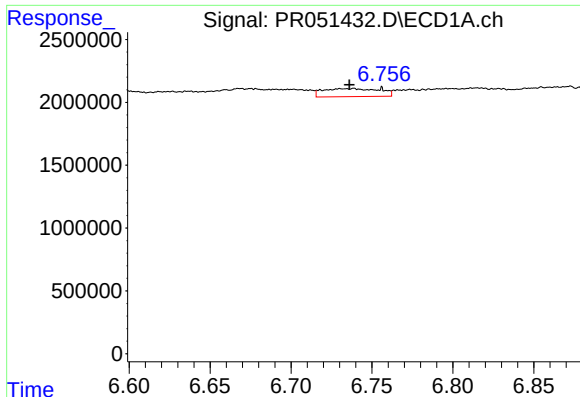
#19 AR-1242-4

R.T.: 5.994 min
Delta R.T.: -0.004 min
Response: 196891
Conc: 1.06 ng/ml



#19 AR-1242-4

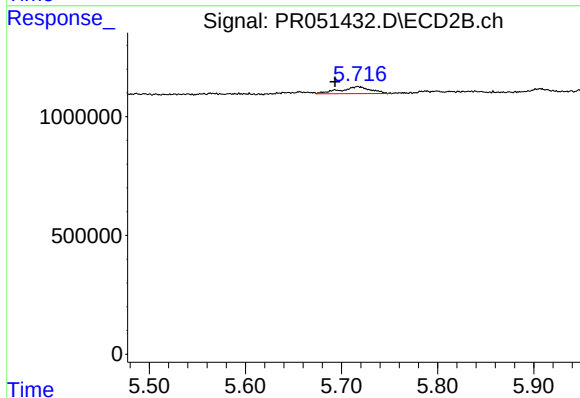
R.T.: 0.000 min
Exp R.T. : 5.172 min
Response: 0
Conc: N.D.



#20 AR-1242-5

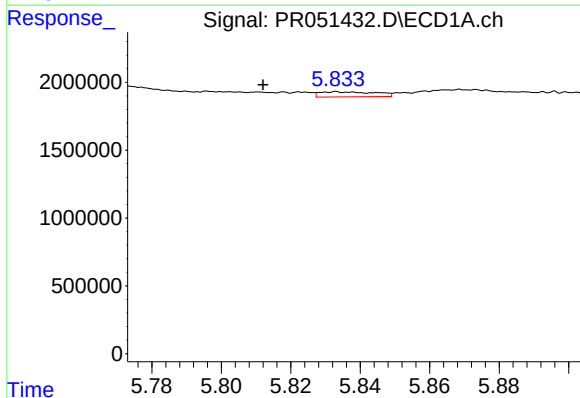
R.T.: 6.736 min
Delta R.T.: 0.000 min
Response: 1567408
Conc: 7.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



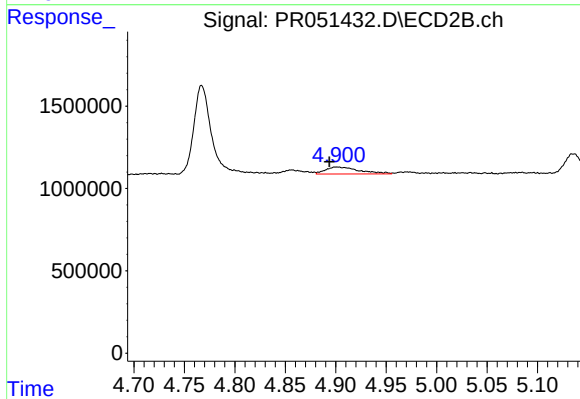
#20 AR-1242-5

R.T.: 5.717 min
Delta R.T.: 0.024 min
Response: 649488
Conc: 3.24 ng/ml



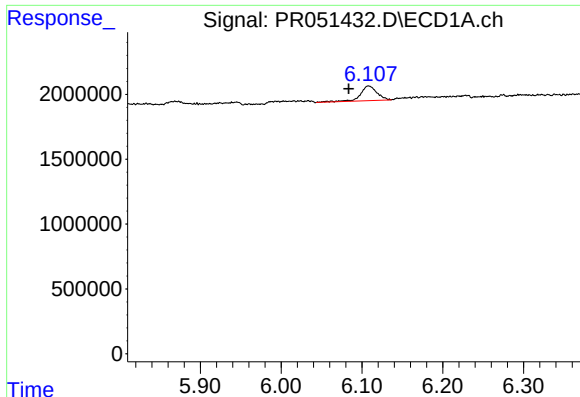
#21 AR-1248-1

R.T.: 5.833 min
Delta R.T.: 0.021 min
Response: 410939
Conc: 1.95 ng/ml



#21 AR-1248-1

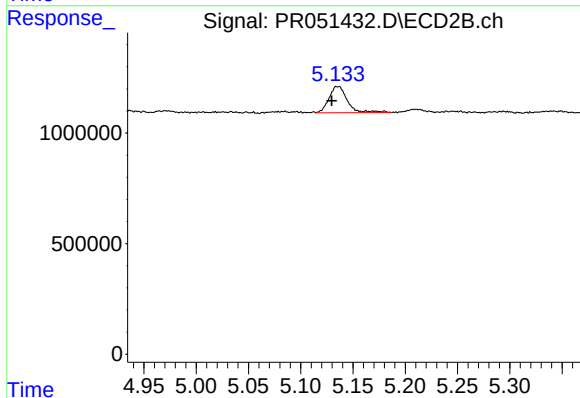
R.T.: 4.901 min
Delta R.T.: 0.007 min
Response: 972979
Conc: 5.70 ng/ml



#22 AR-1248-2

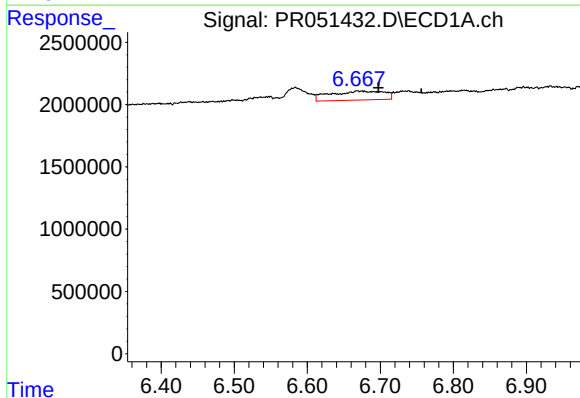
R.T.: 6.108 min
Delta R.T.: 0.025 min
Response: 1642178
Conc: 5.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



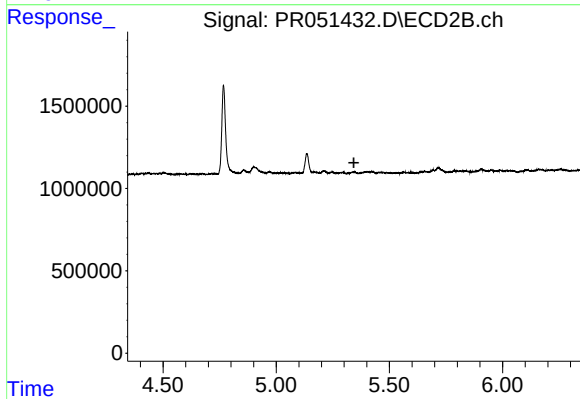
#22 AR-1248-2

R.T.: 5.135 min
Delta R.T.: 0.006 min
Response: 1442297
Conc: 6.30 ng/ml



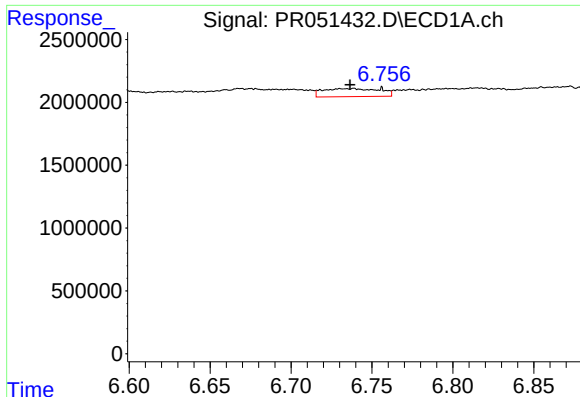
#24 AR-1248-4

R.T.: 6.670 min
Delta R.T.: -0.027 min
Response: 3689944
Conc: 8.88 ng/ml



#24 AR-1248-4

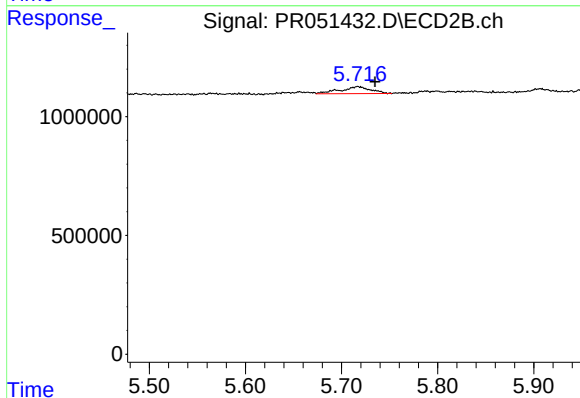
R.T.: 0.000 min
Exp R.T.: 5.343 min
Response: 0
Conc: N.D.



#25 AR-1248-5

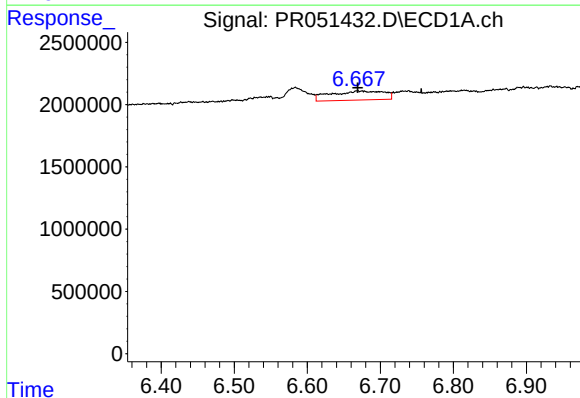
R.T.: 6.736 min
Delta R.T.: 0.000 min
Response: 1567408
Conc: 3.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



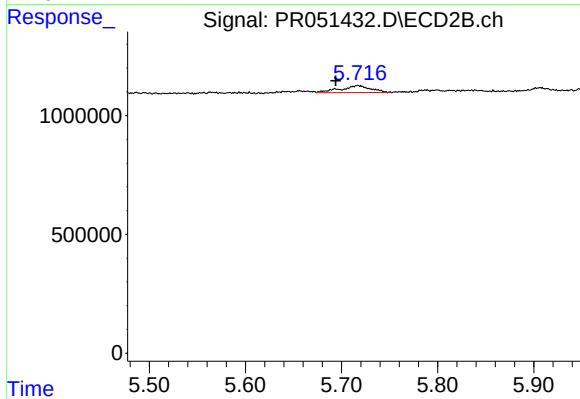
#25 AR-1248-5

R.T.: 5.717 min
Delta R.T.: -0.018 min
Response: 649488
Conc: 2.12 ng/ml



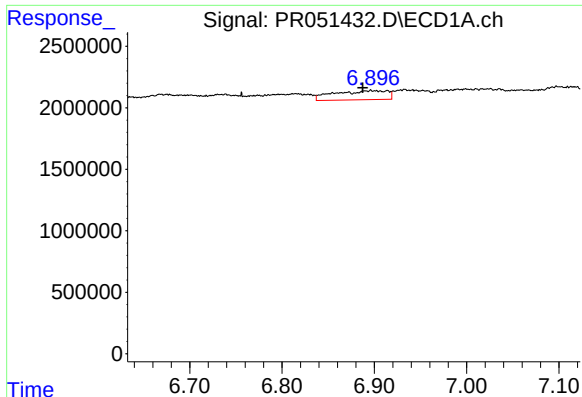
#26 AR-1254-1

R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 3689944
Conc: 10.41 ng/ml



#26 AR-1254-1

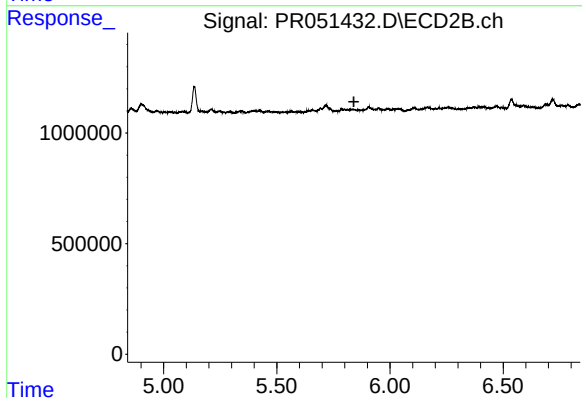
R.T.: 5.717 min
Delta R.T.: 0.023 min
Response: 649488
Conc: 1.58 ng/ml



#27 AR-1254-2

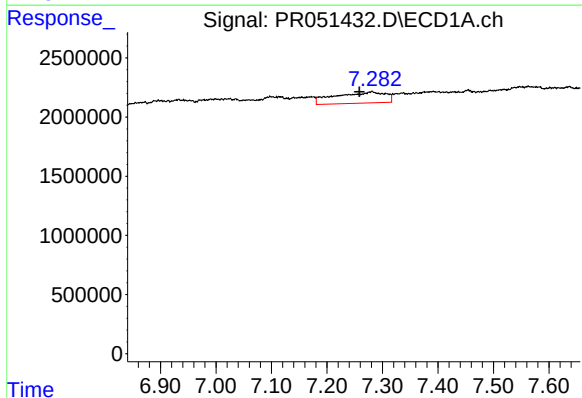
R.T.: 6.897 min
Delta R.T.: 0.010 min
Response: 2951756
Conc: 5.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



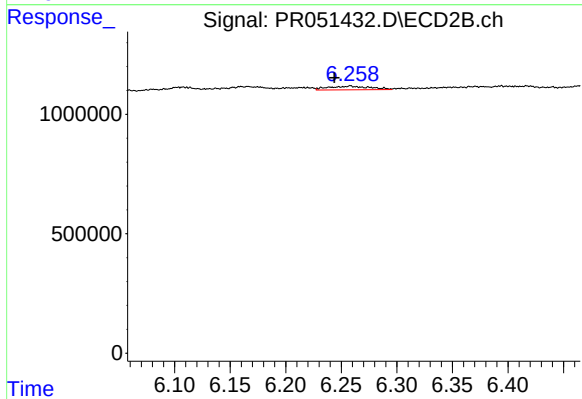
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.840 min
Response: 0
Conc: N.D.



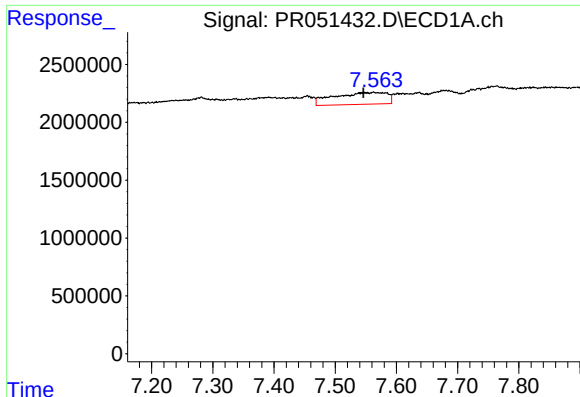
#28 AR-1254-3

R.T.: 7.281 min
Delta R.T.: 0.022 min
Response: 5963886
Conc: 9.96 ng/ml



#28 AR-1254-3

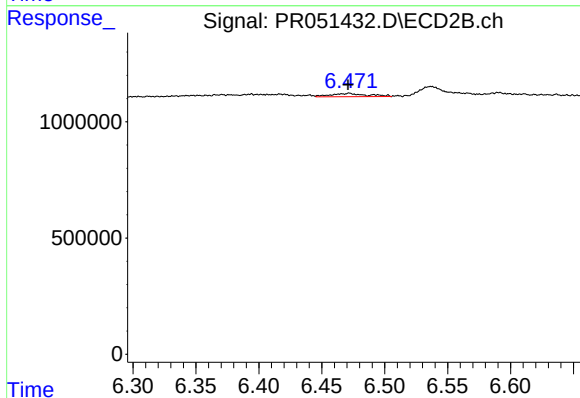
R.T.: 6.258 min
Delta R.T.: 0.014 min
Response: 395014
Conc: 0.66 ng/ml



#29 AR-1254-4

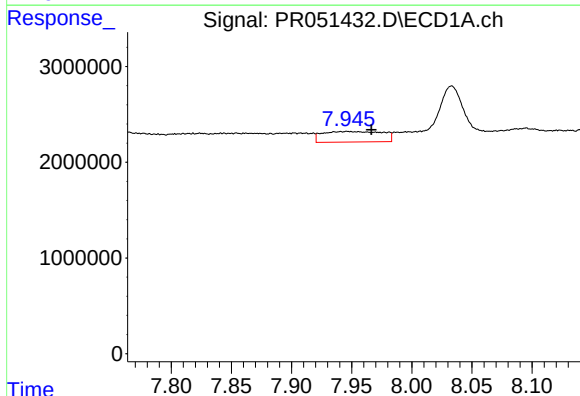
R.T.: 7.563 min
Delta R.T.: 0.017 min
Response: 6176846
Conc: 12.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



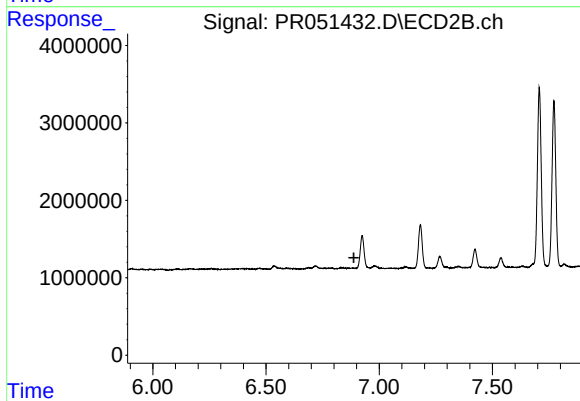
#29 AR-1254-4

R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 278393
Conc: 0.74 ng/ml



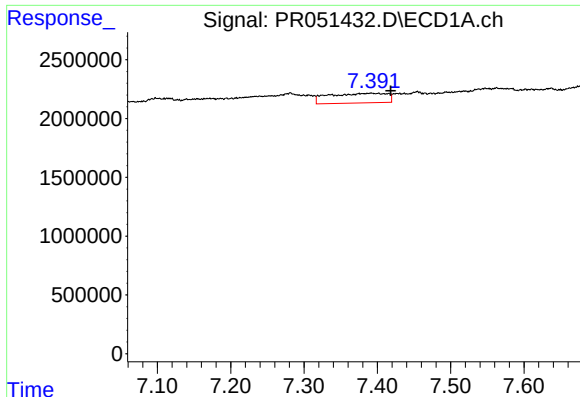
#30 AR-1254-5

R.T.: 7.946 min
Delta R.T.: -0.020 min
Response: 3834774
Conc: 8.09 ng/ml



#30 AR-1254-5

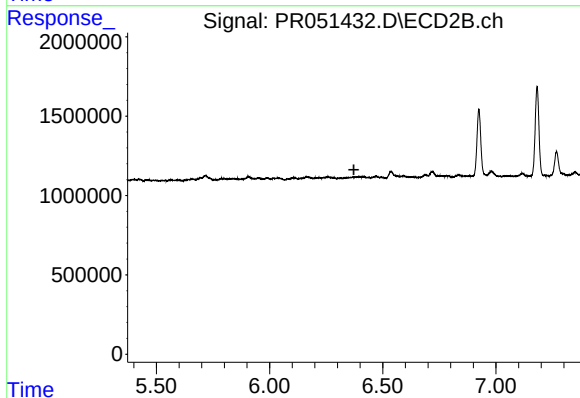
R.T.: 0.000 min
Exp R.T.: 6.888 min
Response: 0
Conc: N.D.



#31 AR-1260-1

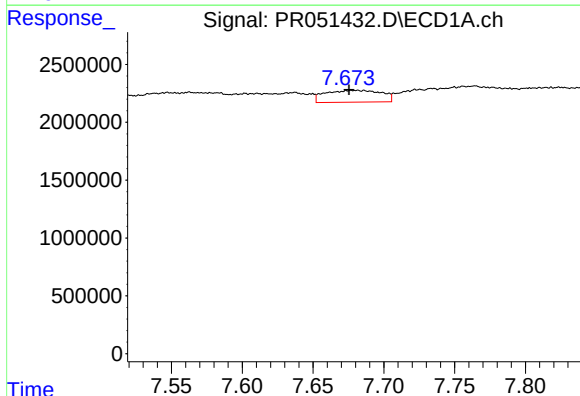
R.T.: 7.391 min
Delta R.T.: -0.027 min
Response: 4526813
Conc: 9.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



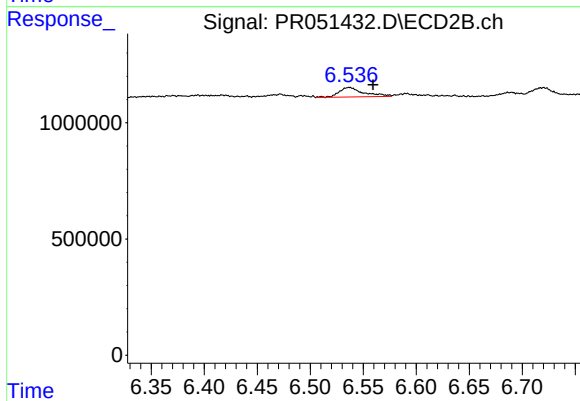
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.373 min
Response: 0
Conc: N.D.



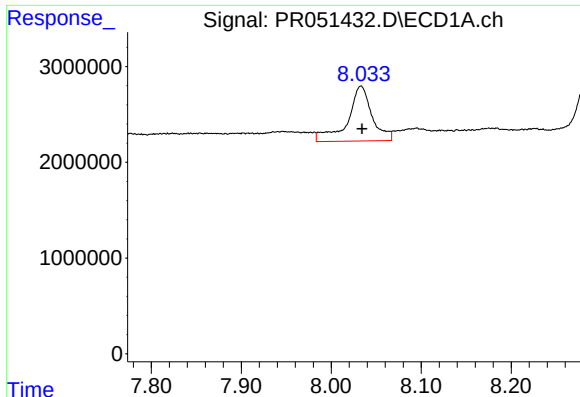
#32 AR-1260-2

R.T.: 7.679 min
Delta R.T.: 0.004 min
Response: 2814442
Conc: 4.46 ng/ml



#32 AR-1260-2

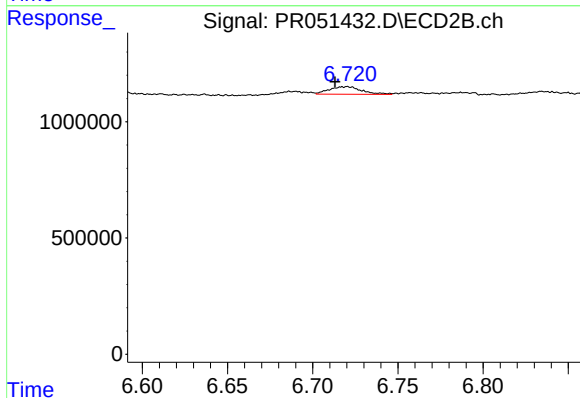
R.T.: 6.537 min
Delta R.T.: -0.023 min
Response: 666358
Conc: 1.32 ng/ml



#33 AR-1260-3

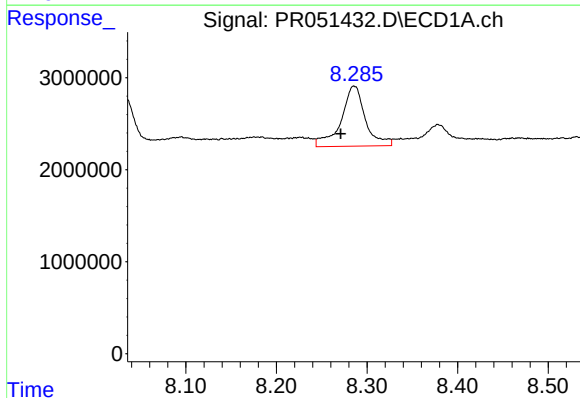
R.T.: 8.033 min
Delta R.T.: -0.001 min
Response: 10865922
Conc: 21.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



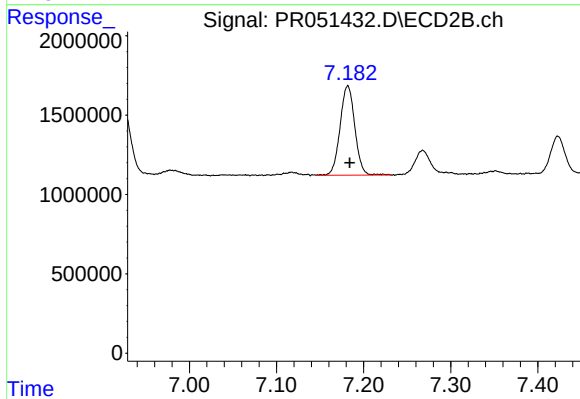
#33 AR-1260-3

R.T.: 6.720 min
Delta R.T.: 0.007 min
Response: 440772
Conc: 0.90 ng/ml



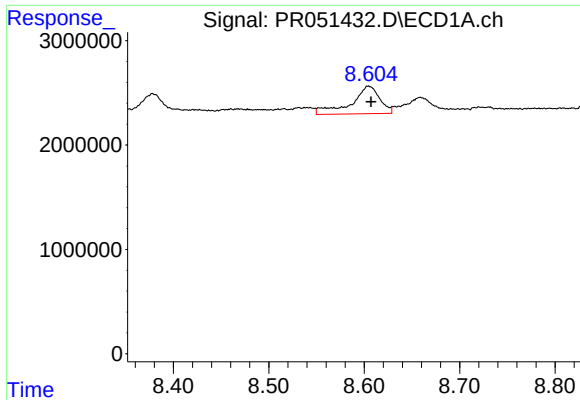
#34 AR-1260-4

R.T.: 8.286 min
Delta R.T.: 0.015 min
Response: 12154887
Conc: 23.73 ng/ml



#34 AR-1260-4

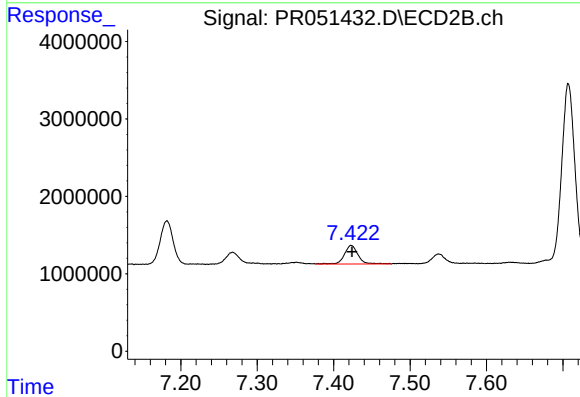
R.T.: 7.182 min
Delta R.T.: -0.002 min
Response: 6621321
Conc: 16.20 ng/ml



#35 AR-1260-5

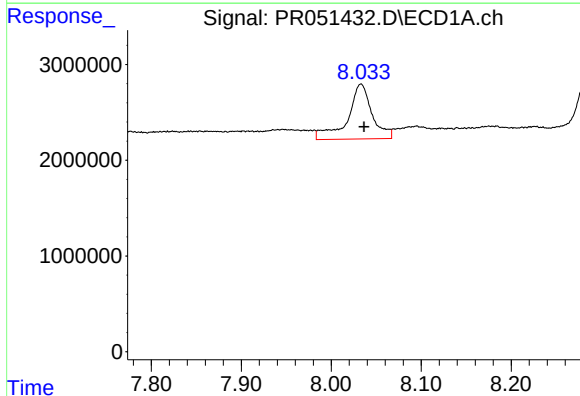
R.T.: 8.605 min
Delta R.T.: -0.002 min
Response: 5494374
Conc: 4.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



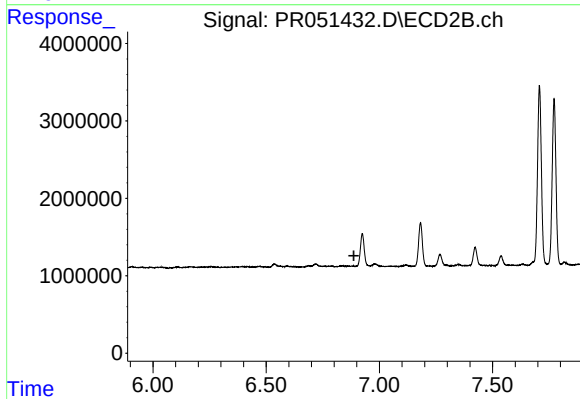
#35 AR-1260-5

R.T.: 7.423 min
Delta R.T.: 0.000 min
Response: 2972493
Conc: 2.84 ng/ml



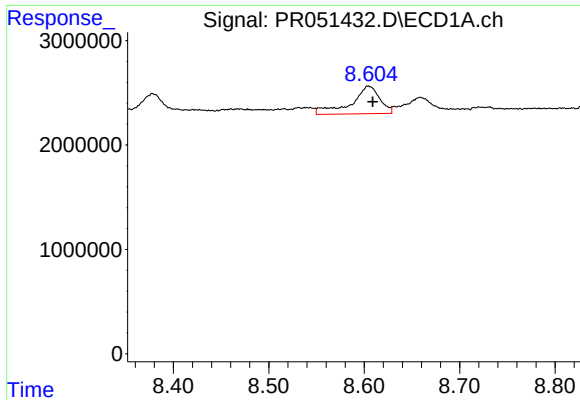
#36 AR-1262-1

R.T.: 8.033 min
Delta R.T.: -0.003 min
Response: 10865922
Conc: 16.55 ng/ml



#36 AR-1262-1

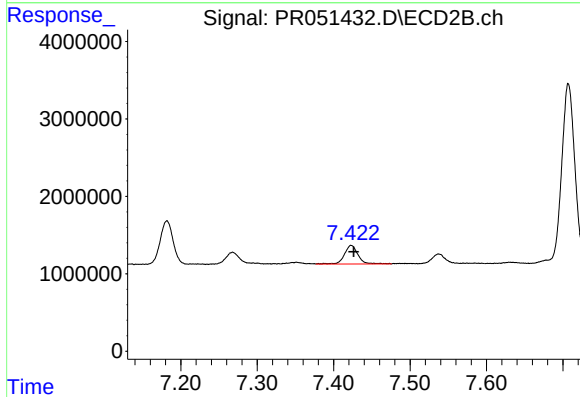
R.T.: 0.000 min
Exp R.T. : 6.888 min
Response: 0
Conc: N.D.



#37 AR-1262-2

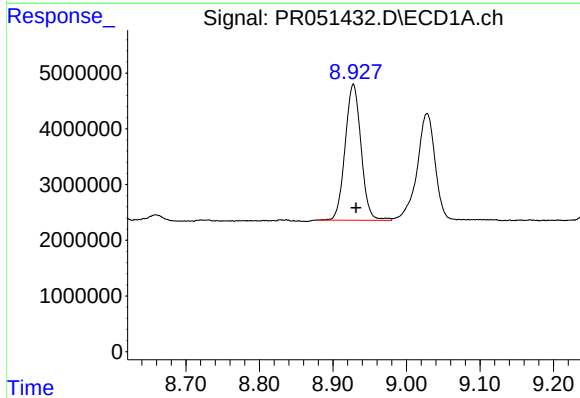
R.T.: 8.605 min
Delta R.T.: -0.004 min
Response: 5494374
Conc: 4.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



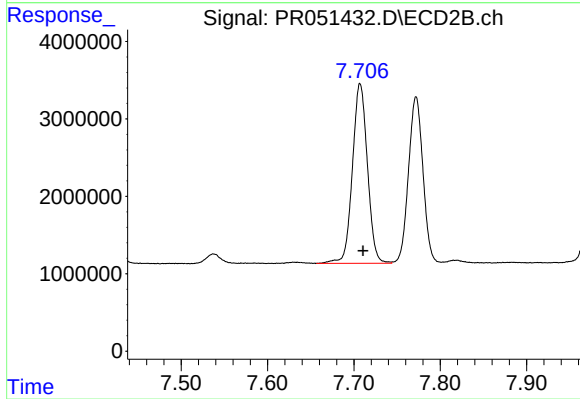
#37 AR-1262-2

R.T.: 7.423 min
Delta R.T.: -0.003 min
Response: 2972493
Conc: 2.93 ng/ml



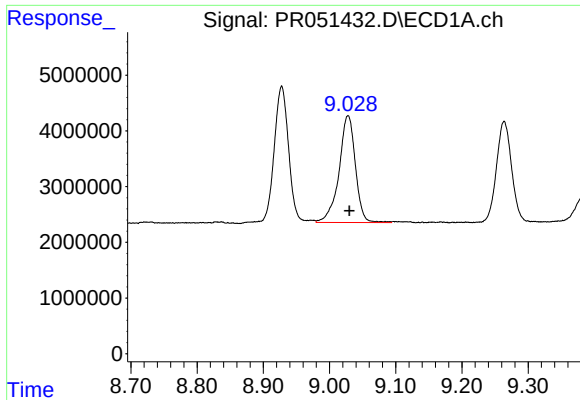
#38 AR-1262-3

R.T.: 8.928 min
Delta R.T.: -0.004 min
Response: 36712608
Conc: 48.15 ng/ml



#38 AR-1262-3

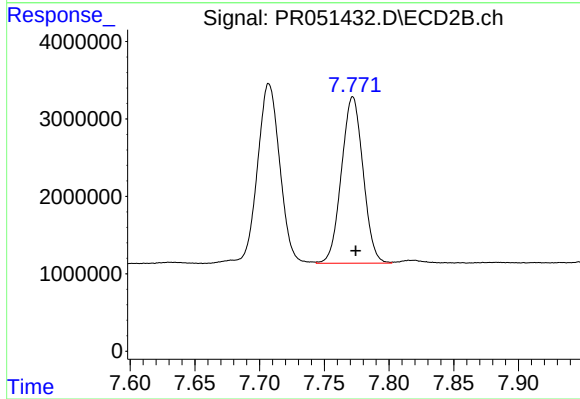
R.T.: 7.707 min
Delta R.T.: -0.003 min
Response: 28001765
Conc: 76.11 ng/ml



#39 AR-1262-4

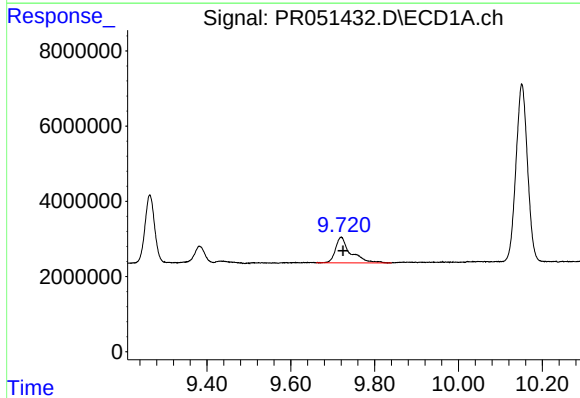
R.T.: 9.028 min
Delta R.T.: -0.002 min
Response: 32985978
Conc: 56.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



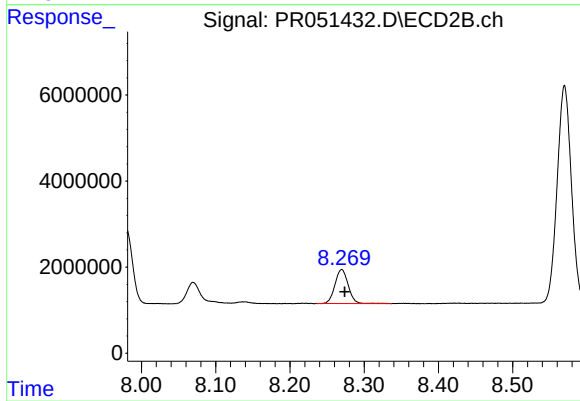
#39 AR-1262-4

R.T.: 7.772 min
Delta R.T.: -0.002 min
Response: 24996481
Conc: 34.30 ng/ml



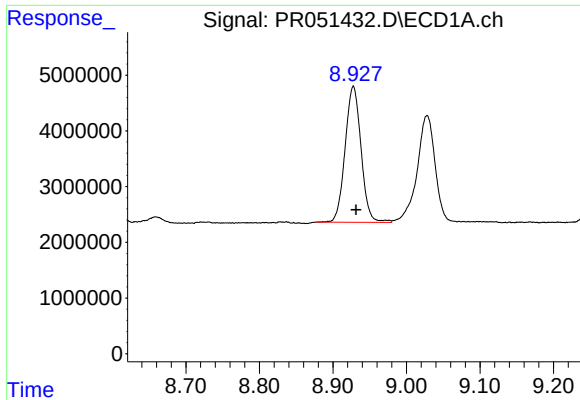
#40 AR-1262-5

R.T.: 9.720 min
Delta R.T.: -0.004 min
Response: 17202263
Conc: 40.92 ng/ml



#40 AR-1262-5

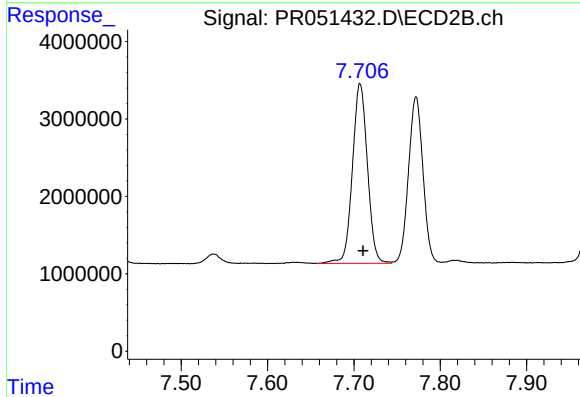
R.T.: 8.270 min
Delta R.T.: -0.004 min
Response: 9839018
Conc: 30.16 ng/ml



#41 AR-1268-1

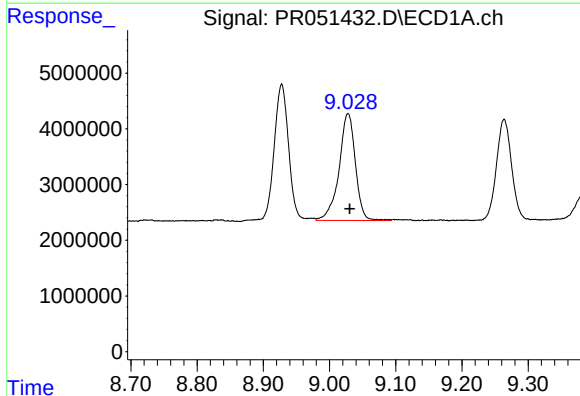
R.T.: 8.928 min
Delta R.T.: -0.004 min
Response: 36712608
Conc: 25.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



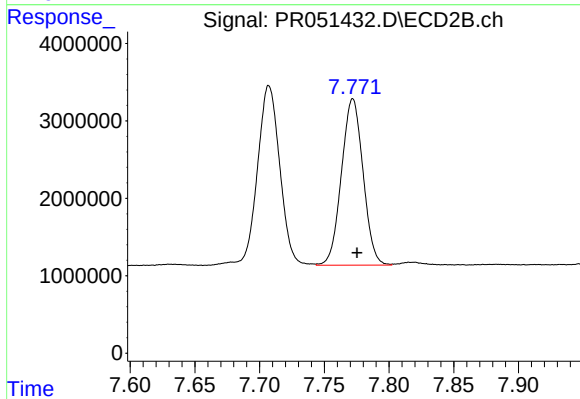
#41 AR-1268-1

R.T.: 7.707 min
Delta R.T.: -0.003 min
Response: 28001765
Conc: 26.00 ng/ml



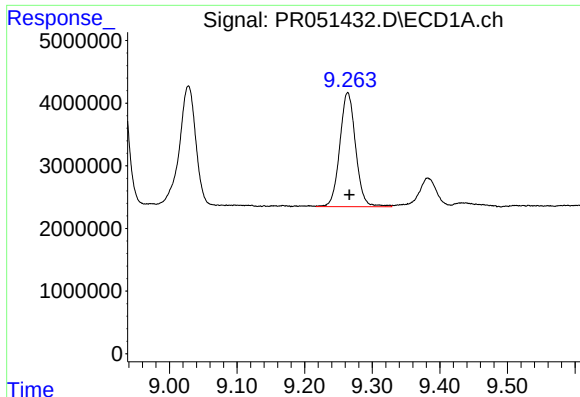
#42 AR-1268-2

R.T.: 9.028 min
Delta R.T.: -0.003 min
Response: 32985978
Conc: 25.84 ng/ml



#42 AR-1268-2

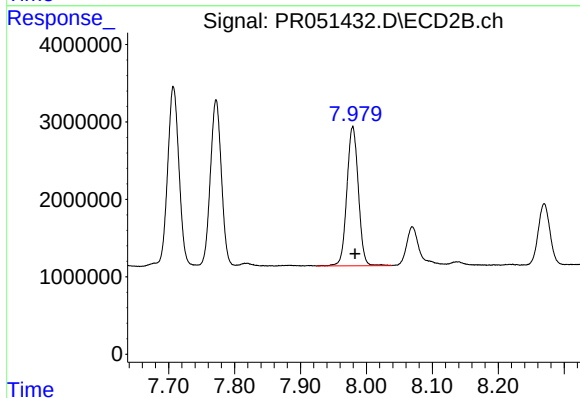
R.T.: 7.772 min
Delta R.T.: -0.003 min
Response: 24996481
Conc: 25.10 ng/ml



#43 AR-1268-3

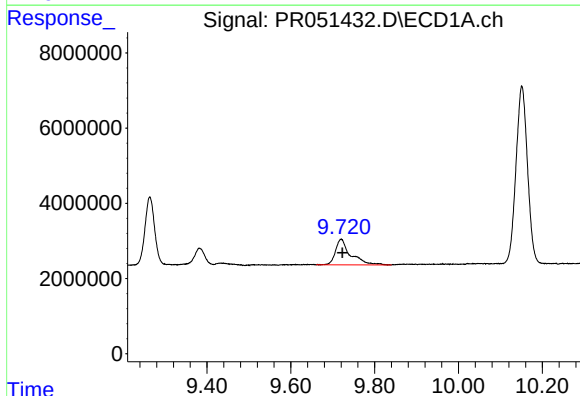
R.T.: 9.264 min
Delta R.T.: -0.003 min
Response: 29570094
Conc: 26.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



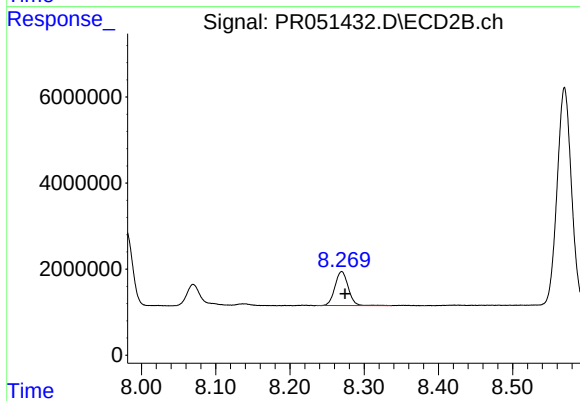
#43 AR-1268-3

R.T.: 7.979 min
Delta R.T.: -0.004 min
Response: 21710352
Conc: 26.39 ng/ml



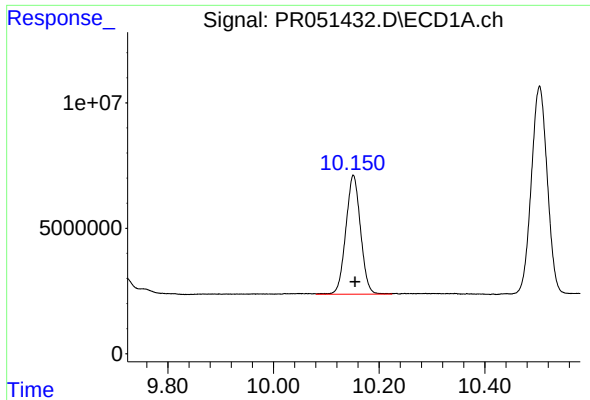
#44 AR-1268-4

R.T.: 9.720 min
Delta R.T.: -0.003 min
Response: 17202263
Conc: 37.92 ng/ml



#44 AR-1268-4

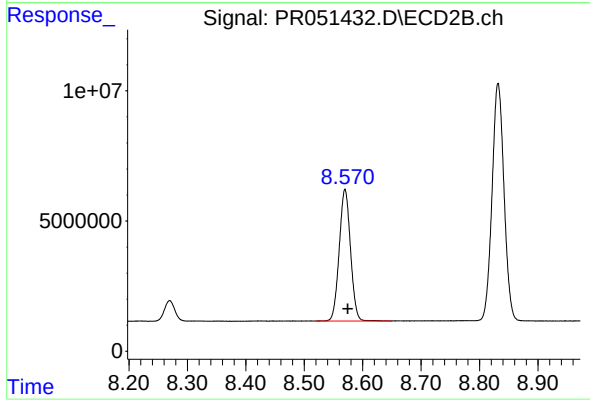
R.T.: 8.270 min
Delta R.T.: -0.005 min
Response: 9839018
Conc: 27.72 ng/ml



#45 AR-1268-5

R.T.: 10.151 min
Delta R.T.: -0.003 min
Response: 91935769
Conc: 25.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.570 min
Delta R.T.: -0.004 min
Response: 67640156
Conc: 24.34 ng/ml