

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR060223\
 Data File : PR061641.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2023 16:36
 Operator : YP\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 21:37:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR050923CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 10 07:27:40 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.694	2.966	51979938	62393642	18.561	20.880
2)	SA Decachlor...	9.631	8.258	58787962	152.7E6	42.541	47.525
Target Compounds							
3)	L1 AR-1016-1	4.923	4.111	31511766	60671625	386.069	582.591 #
4)	L1 AR-1016-2	4.946	4.111	45883761	60671625	379.621	409.854
5)	L1 AR-1016-3	5.010	4.291	29393484	33937940	388.204	429.242
6)	L1 AR-1016-4	5.114	4.342	23789158	27048619	389.799	445.319
7)	L1 AR-1016-5	5.430	4.561	23757235	33520799	412.020	404.720
8)	L2 AR-1221-1	3.912	3.192	3719885	5003132	110.245	128.790
9)	L2 AR-1221-2	4.006	3.279	4701791	6260989	198.743	228.251
10)	L2 AR-1221-3	4.085	3.357	19326949	25022504	245.767	280.240
11)	L3 AR-1232-1	4.085	3.357	19326949	25022504	304.264	348.233
12)	L3 AR-1232-2	4.637	4.111	25452913	60671625	872.560	914.843
13)	L3 AR-1232-3	4.946	4.291	45883761	33937940	828.437	949.969
14)	L3 AR-1232-4	5.114	4.384	23789158	32326476	868.040	1065.596
15)	L3 AR-1232-5	5.217	4.561	19773855	33520799	991.016	938.512
16)	L4 AR-1242-1	4.923	4.111	31511766	60671625	446.138	684.821 #
17)	L4 AR-1242-2	4.946	4.111	45883761	60671625	435.133	482.424
18)	L4 AR-1242-3	5.010	4.291	29393484	33937940	445.554	494.393
19)	L4 AR-1242-4	5.114	4.384	23789158	32326476	449.281	497.344
20)	L4 AR-1242-5	5.904	4.933	6067573	35210356	117.593	417.023 #
21)	L5 AR-1248-1	4.923	4.092	31511766	43878434	583.658	642.290
22)	L5 AR-1248-2	5.217	4.342	19773855	27048619	263.359	279.693
23)	L5 AR-1248-3	5.430	4.384	23757235	32326476	270.230	325.900
24)	L5 AR-1248-4	5.865	4.561	6174685	33520799	66.475	277.228 #
25)	L5 AR-1248-5	5.904	4.976	6067573	9007911	67.910	74.732
26)	L6 AR-1254-1	5.835	4.933	20672168	35210356	213.471	191.013
27)	L6 AR-1254-2	6.073	5.093	17571825	24990920	119.714	157.826 #
28)	L6 AR-1254-3	6.465	5.538	8333784	52563047	55.651	197.356 #
29)	L6 AR-1254-4	6.777	5.765	3892145	5013798	37.792	29.820
30)	L6 AR-1254-5	7.231	6.212	49520935	104.3E6	462.700	423.814
31)	L7 AR-1260-1	6.646	5.660	41661702	76909082	403.434	450.990
32)	L7 AR-1260-2	6.930	5.864	46011951	93443407	390.922	446.628
33)	L7 AR-1260-3	7.319	6.025	33652907	87657996	405.617	422.119
34)	L7 AR-1260-4	7.563	6.534	36995478	77156459	398.200	456.446
35)	L7 AR-1260-5	7.900	6.798	65821735	178.9E6	372.128	441.203
36)	L8 AR-1262-1	7.319	6.257	33652907	78588401	241.907	297.169
37)	L8 AR-1262-2	7.900	6.798	65821735	178.9E6	291.445	361.462
38)	L8 AR-1262-3	8.215	7.105	41483664	24188888	269.678	139.108 #
39)	L8 AR-1262-4	8.294	7.172	11712433	131.5E6	106.090	365.004 #
40)	L8 AR-1262-5	8.925	7.711	17243536	48673009	234.199	279.369
41)	L9 AR-1268-1	8.215	7.105	41483664	24188888	205.615	58.274 #

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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.294	7.172	11712433	131.5E6	67.756	343.589 #
43) L9	AR-1268-3	8.518	7.399	854524	2162064	5.627	6.469
44) L9	AR-1268-4	8.925	7.711	17243536	48673009	278.769	332.915
45) L9	AR-1268-5	9.316	8.008	4802824	12131667	10.321	11.270

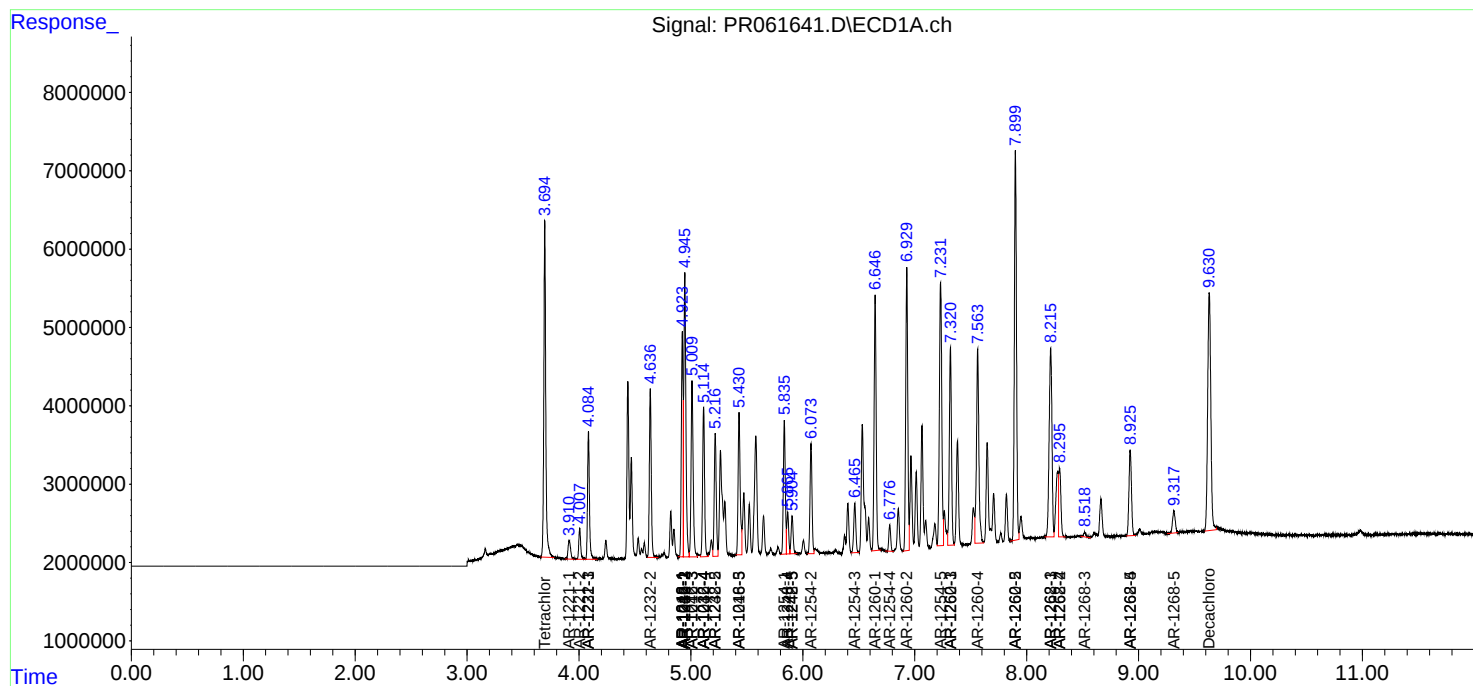
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

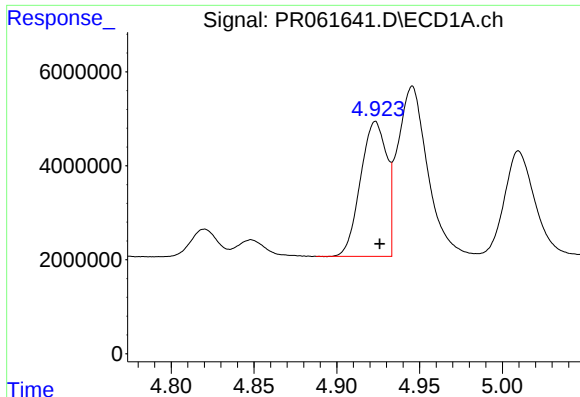
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Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

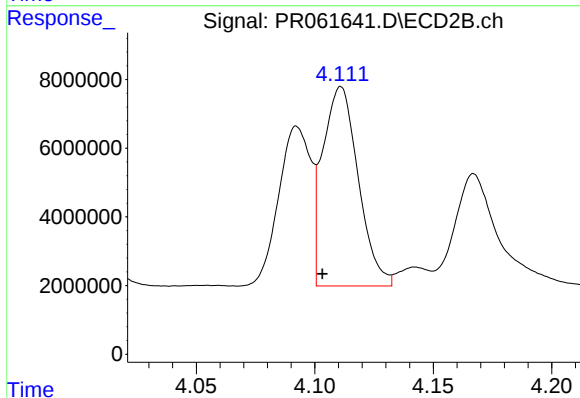




#3 AR-1016-1

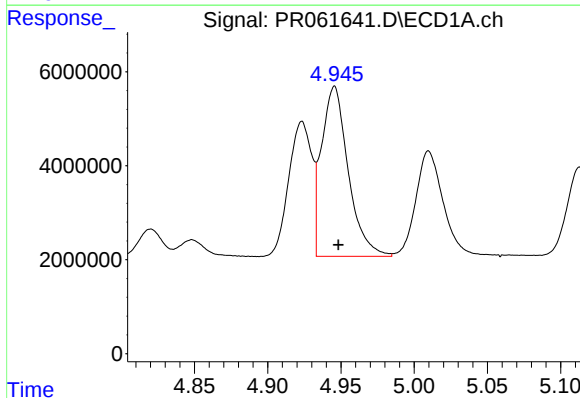
R.T.: 4.923 min
Delta R.T.: -0.003 min
Response: 31511766
Conc: 386.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



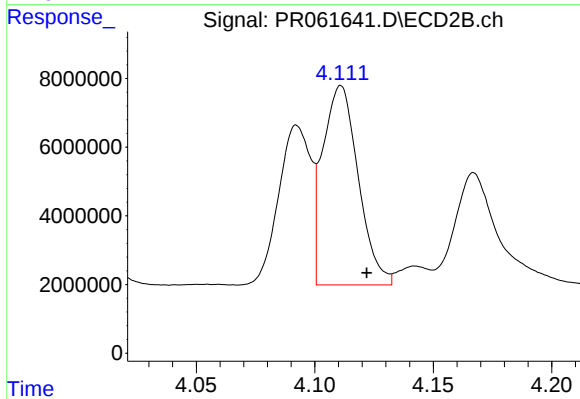
#3 AR-1016-1

R.T.: 4.111 min
Delta R.T.: 0.008 min
Response: 60671625
Conc: 582.59 ng/ml



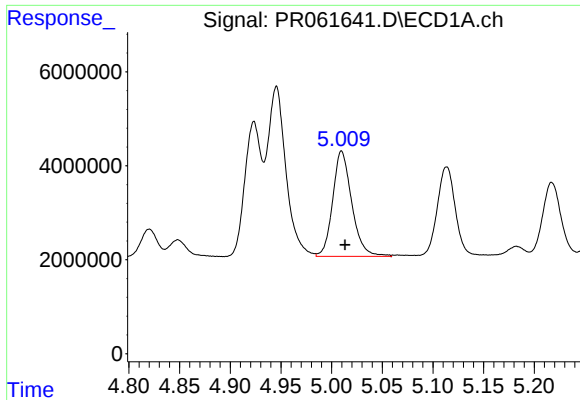
#4 AR-1016-2

R.T.: 4.946 min
Delta R.T.: -0.003 min
Response: 45883761
Conc: 379.62 ng/ml



#4 AR-1016-2

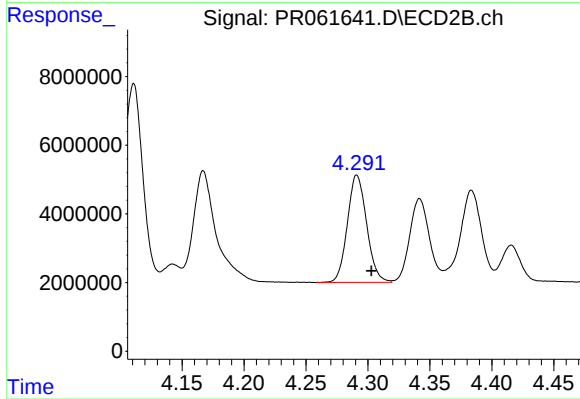
R.T.: 4.111 min
Delta R.T.: -0.011 min
Response: 60671625
Conc: 409.85 ng/ml



#5 AR-1016-3

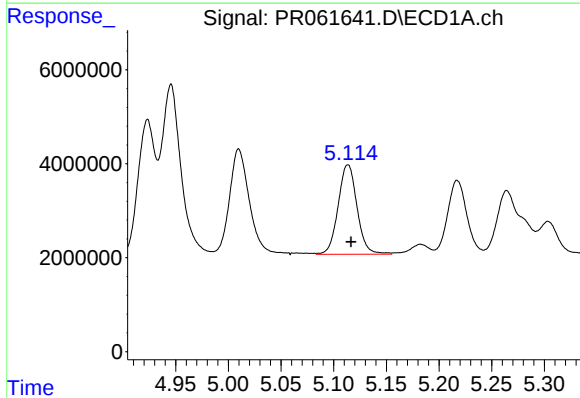
R.T.: 5.010 min
Delta R.T.: -0.003 min
Response: 29393484
Conc: 388.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



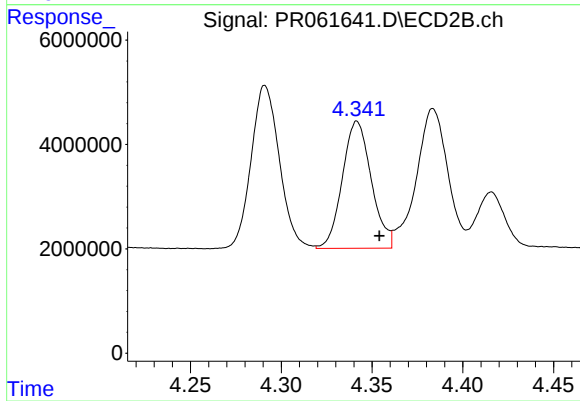
#5 AR-1016-3

R.T.: 4.291 min
Delta R.T.: -0.012 min
Response: 33937940
Conc: 429.24 ng/ml



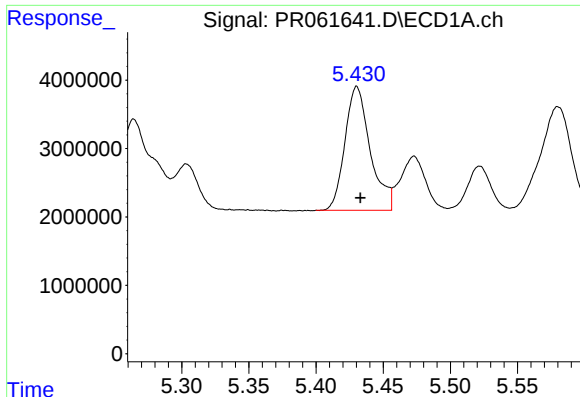
#6 AR-1016-4

R.T.: 5.114 min
Delta R.T.: -0.003 min
Response: 23789158
Conc: 389.80 ng/ml



#6 AR-1016-4

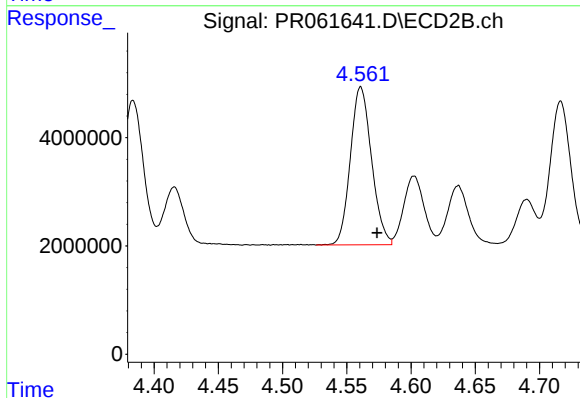
R.T.: 4.342 min
Delta R.T.: -0.012 min
Response: 27048619
Conc: 445.32 ng/ml



#7 AR-1016-5

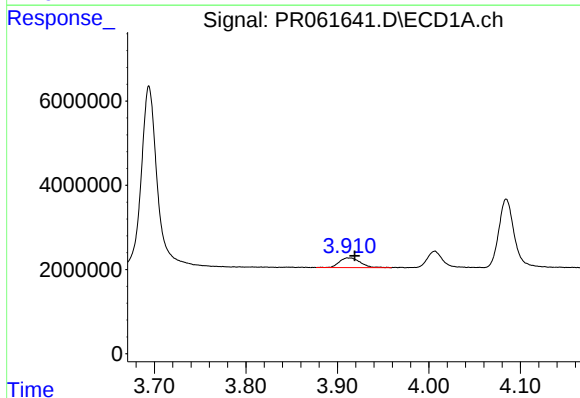
R.T.: 5.430 min
Delta R.T.: -0.003 min
Response: 23757235
Conc: 412.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



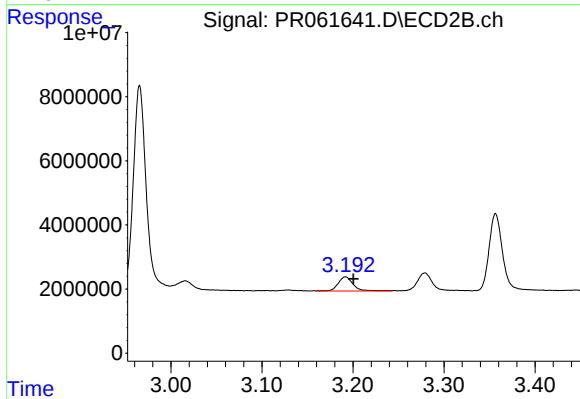
#7 AR-1016-5

R.T.: 4.561 min
Delta R.T.: -0.013 min
Response: 33520799
Conc: 404.72 ng/ml



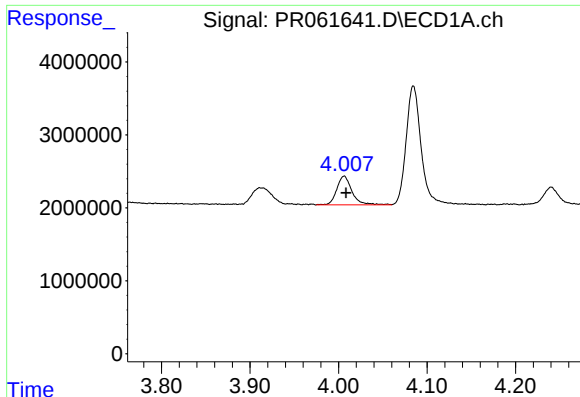
#8 AR-1221-1

R.T.: 3.912 min
Delta R.T.: -0.007 min
Response: 3719885
Conc: 110.25 ng/ml



#8 AR-1221-1

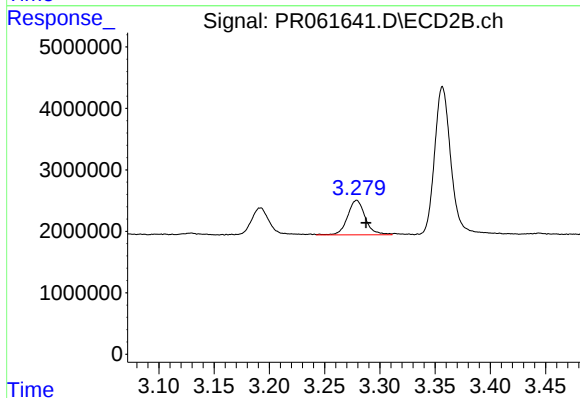
R.T.: 3.192 min
Delta R.T.: -0.008 min
Response: 5003132
Conc: 128.79 ng/ml



#9 AR-1221-2

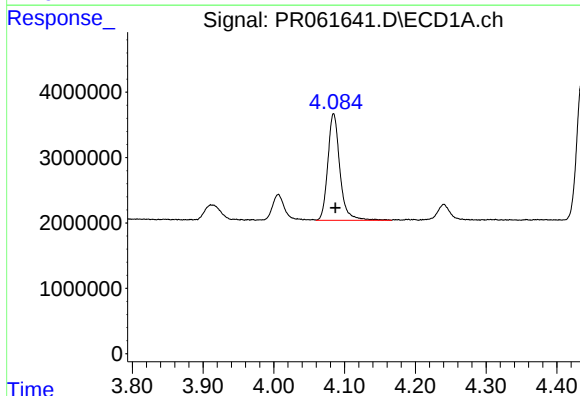
R.T.: 4.006 min
Delta R.T.: -0.002 min
Response: 4701791
Conc: 198.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



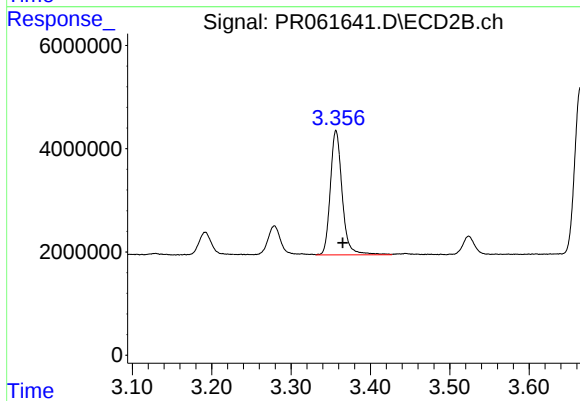
#9 AR-1221-2

R.T.: 3.279 min
Delta R.T.: -0.009 min
Response: 6260989
Conc: 228.25 ng/ml



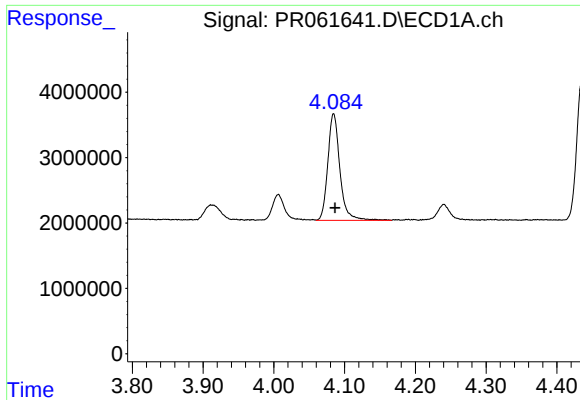
#10 AR-1221-3

R.T.: 4.085 min
Delta R.T.: -0.002 min
Response: 19326949
Conc: 245.77 ng/ml



#10 AR-1221-3

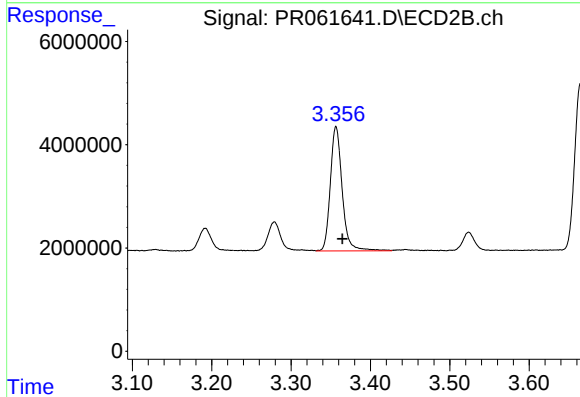
R.T.: 3.357 min
Delta R.T.: -0.008 min
Response: 25022504
Conc: 280.24 ng/ml



#11 AR-1232-1

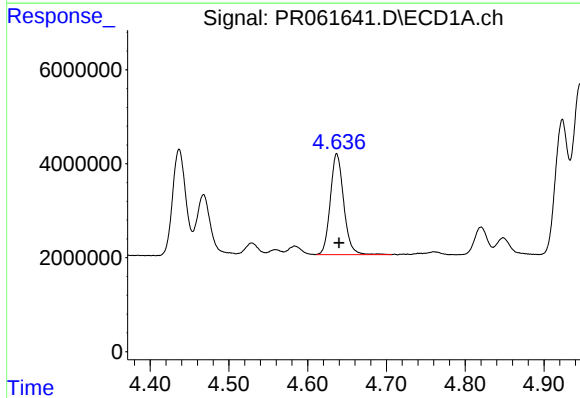
R.T.: 4.085 min
Delta R.T.: -0.002 min
Response: 19326949
Conc: 304.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



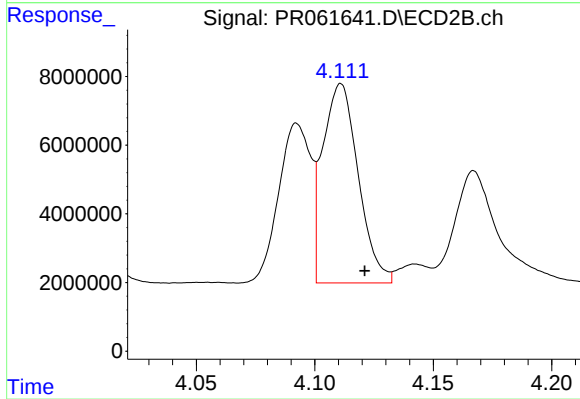
#11 AR-1232-1

R.T.: 3.357 min
Delta R.T.: -0.008 min
Response: 25022504
Conc: 348.23 ng/ml



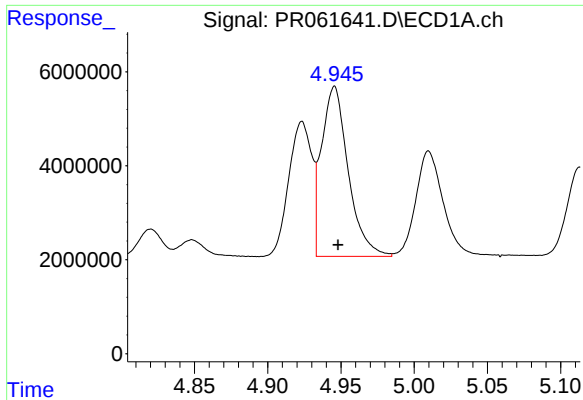
#12 AR-1232-2

R.T.: 4.637 min
Delta R.T.: -0.003 min
Response: 25452913
Conc: 872.56 ng/ml



#12 AR-1232-2

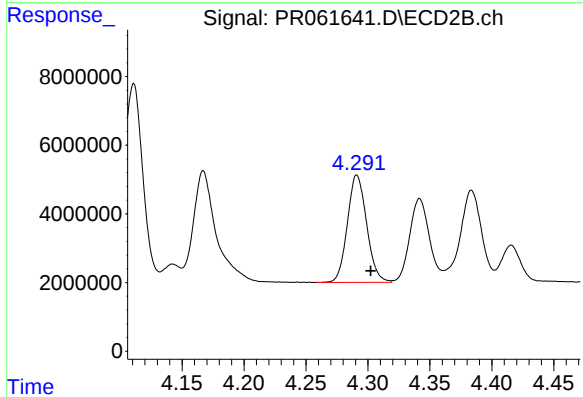
R.T.: 4.111 min
Delta R.T.: -0.010 min
Response: 60671625
Conc: 914.84 ng/ml



#13 AR-1232-3

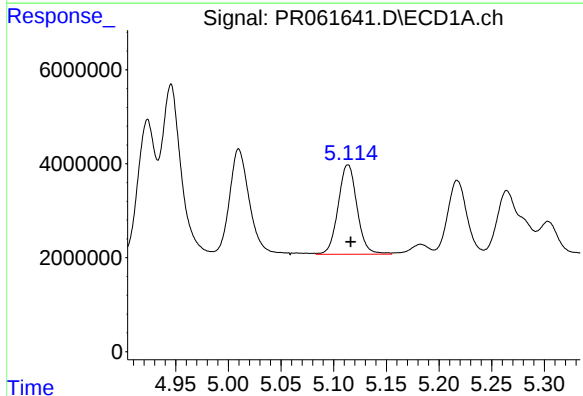
R.T.: 4.946 min
Delta R.T.: -0.003 min
Response: 45883761
Conc: 828.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



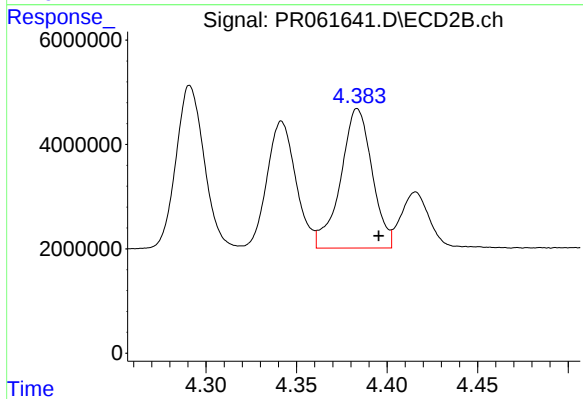
#13 AR-1232-3

R.T.: 4.291 min
Delta R.T.: -0.011 min
Response: 33937940
Conc: 949.97 ng/ml



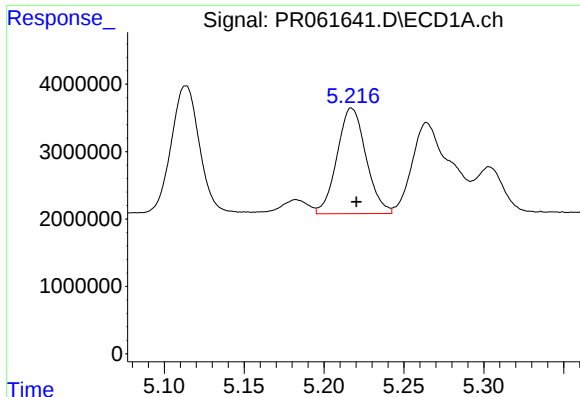
#14 AR-1232-4

R.T.: 5.114 min
Delta R.T.: -0.003 min
Response: 23789158
Conc: 868.04 ng/ml



#14 AR-1232-4

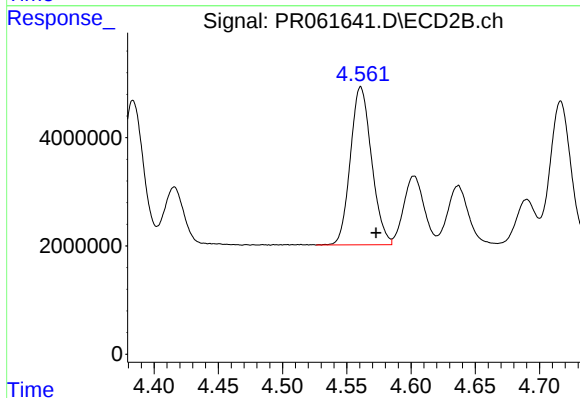
R.T.: 4.384 min
Delta R.T.: -0.012 min
Response: 32326476
Conc: 1065.60 ng/ml



#15 AR-1232-5

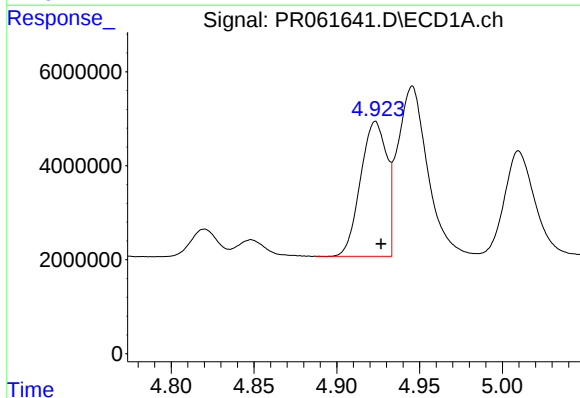
R.T.: 5.217 min
Delta R.T.: -0.003 min
Response: 19773855
Conc: 991.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



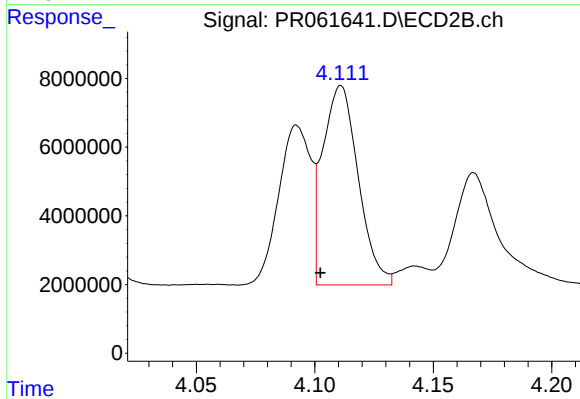
#15 AR-1232-5

R.T.: 4.561 min
Delta R.T.: -0.012 min
Response: 33520799
Conc: 938.51 ng/ml



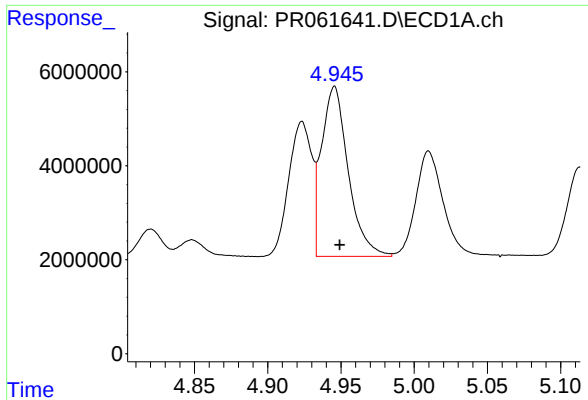
#16 AR-1242-1

R.T.: 4.923 min
Delta R.T.: -0.003 min
Response: 31511766
Conc: 446.14 ng/ml



#16 AR-1242-1

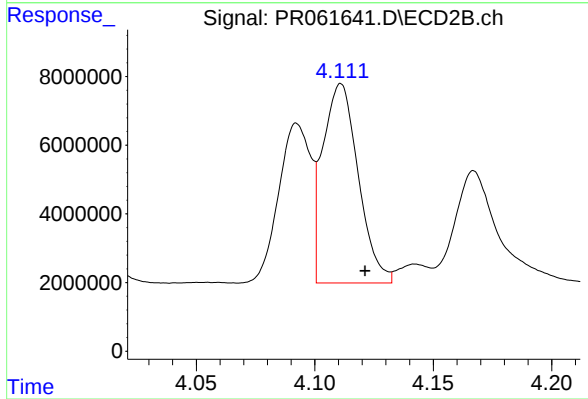
R.T.: 4.111 min
Delta R.T.: 0.009 min
Response: 60671625
Conc: 684.82 ng/ml



#17 AR-1242-2

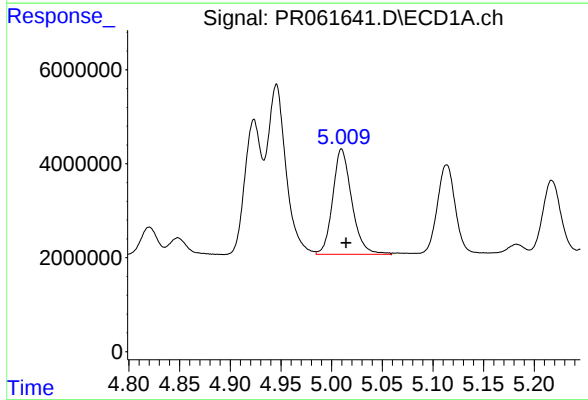
R.T.: 4.946 min
Delta R.T.: -0.004 min
Response: 45883761
Conc: 435.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



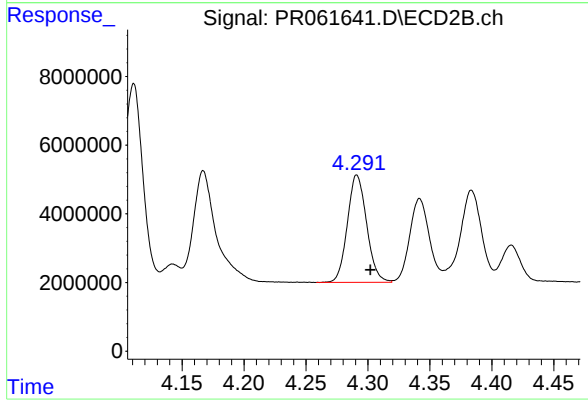
#17 AR-1242-2

R.T.: 4.111 min
Delta R.T.: -0.010 min
Response: 60671625
Conc: 482.42 ng/ml



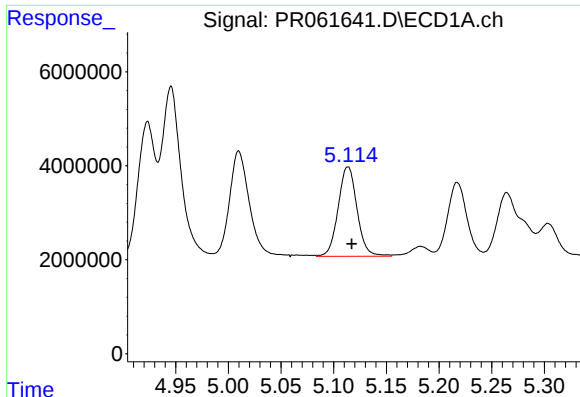
#18 AR-1242-3

R.T.: 5.010 min
Delta R.T.: -0.004 min
Response: 29393484
Conc: 445.55 ng/ml



#18 AR-1242-3

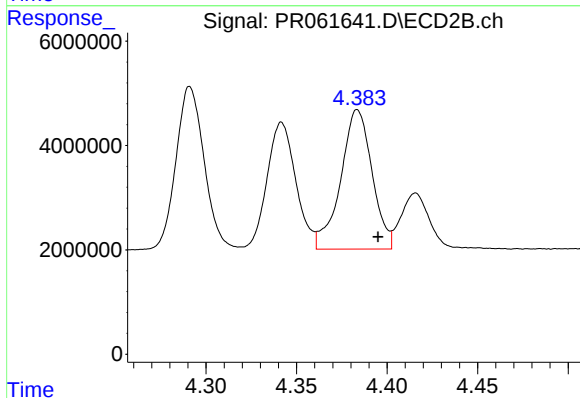
R.T.: 4.291 min
Delta R.T.: -0.011 min
Response: 33937940
Conc: 494.39 ng/ml



#19 AR-1242-4

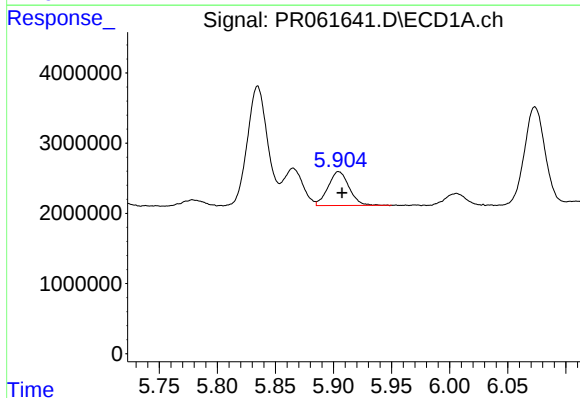
R.T.: 5.114 min
Delta R.T.: -0.003 min
Response: 23789158
Conc: 449.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



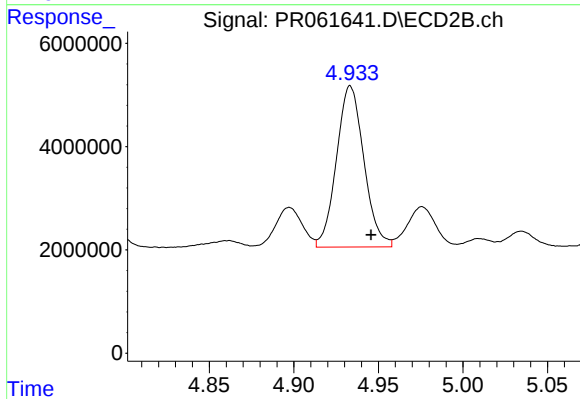
#19 AR-1242-4

R.T.: 4.384 min
Delta R.T.: -0.011 min
Response: 32326476
Conc: 497.34 ng/ml



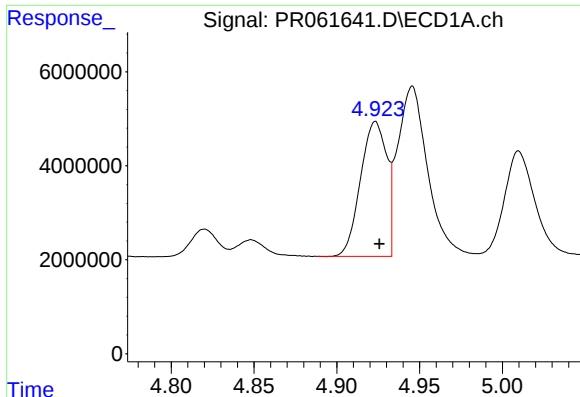
#20 AR-1242-5

R.T.: 5.904 min
Delta R.T.: -0.003 min
Response: 6067573
Conc: 117.59 ng/ml



#20 AR-1242-5

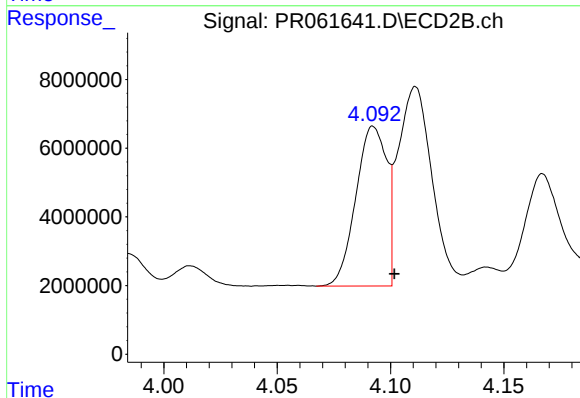
R.T.: 4.933 min
Delta R.T.: -0.012 min
Response: 35210356
Conc: 417.02 ng/ml



#21 AR-1248-1

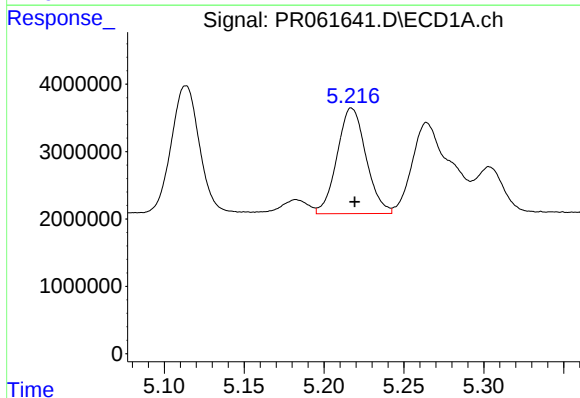
R.T.: 4.923 min
Delta R.T.: -0.002 min
Response: 31511766
Conc: 583.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



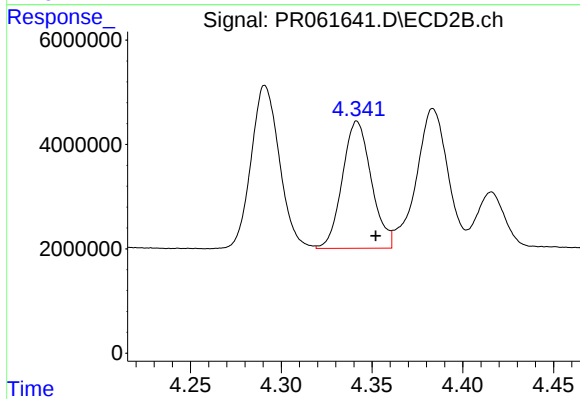
#21 AR-1248-1

R.T.: 4.092 min
Delta R.T.: -0.009 min
Response: 43878434
Conc: 642.29 ng/ml



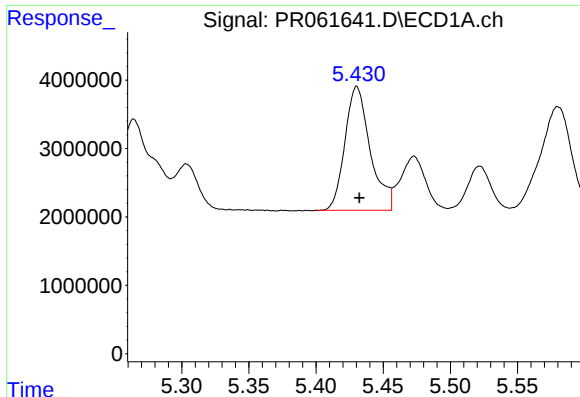
#22 AR-1248-2

R.T.: 5.217 min
Delta R.T.: -0.002 min
Response: 19773855
Conc: 263.36 ng/ml



#22 AR-1248-2

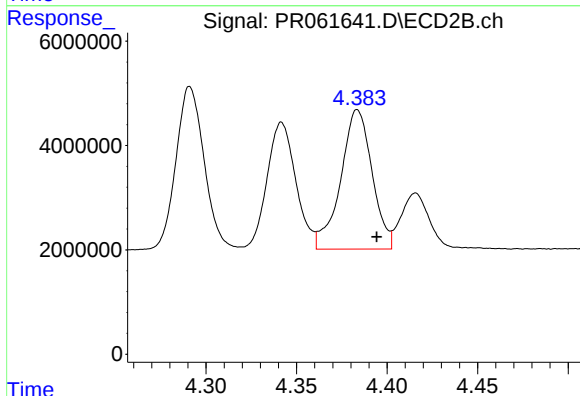
R.T.: 4.342 min
Delta R.T.: -0.010 min
Response: 27048619
Conc: 279.69 ng/ml



#23 AR-1248-3

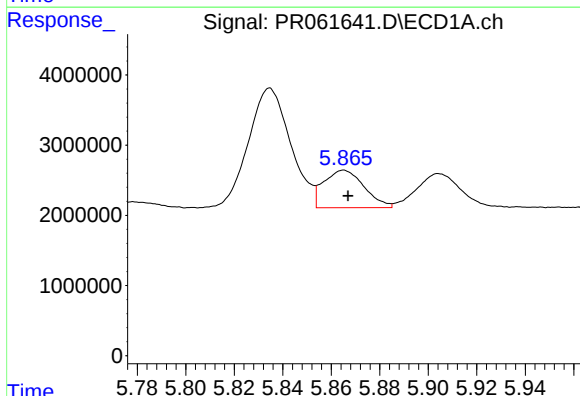
R.T.: 5.430 min
Delta R.T.: -0.002 min
Response: 23757235
Conc: 270.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



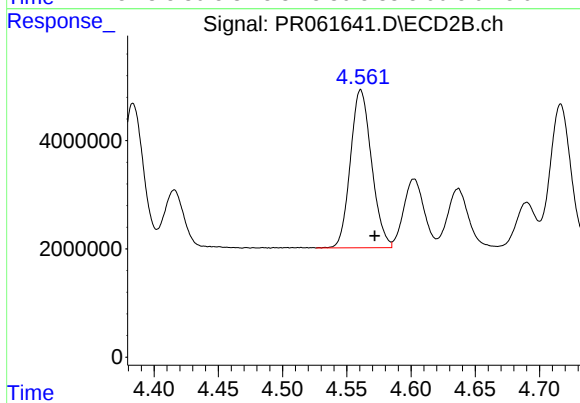
#23 AR-1248-3

R.T.: 4.384 min
Delta R.T.: -0.011 min
Response: 32326476
Conc: 325.90 ng/ml



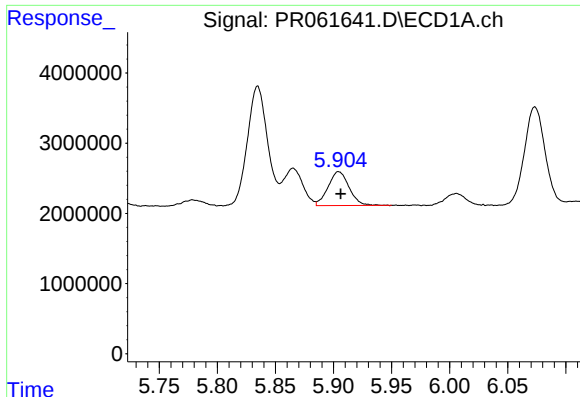
#24 AR-1248-4

R.T.: 5.865 min
Delta R.T.: -0.002 min
Response: 6174685
Conc: 66.48 ng/ml



#24 AR-1248-4

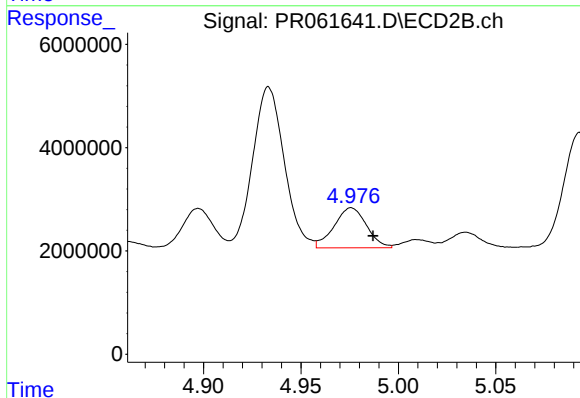
R.T.: 4.561 min
Delta R.T.: -0.011 min
Response: 33520799
Conc: 277.23 ng/ml



#25 AR-1248-5

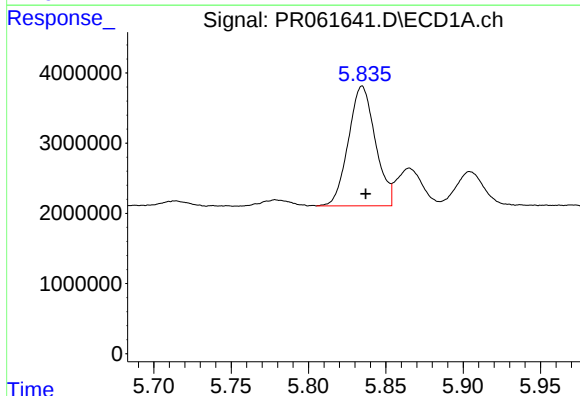
R.T.: 5.904 min
Delta R.T.: -0.002 min
Response: 6067573
Conc: 67.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



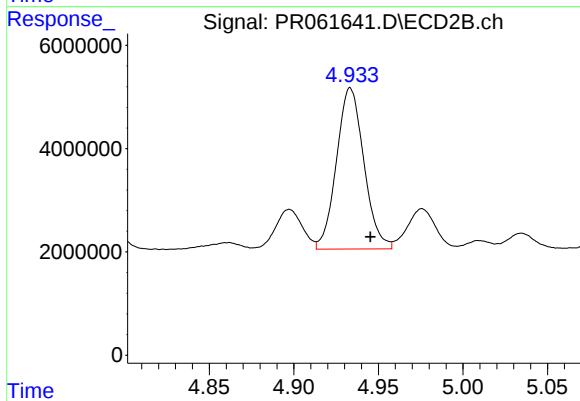
#25 AR-1248-5

R.T.: 4.976 min
Delta R.T.: -0.011 min
Response: 9007911
Conc: 74.73 ng/ml



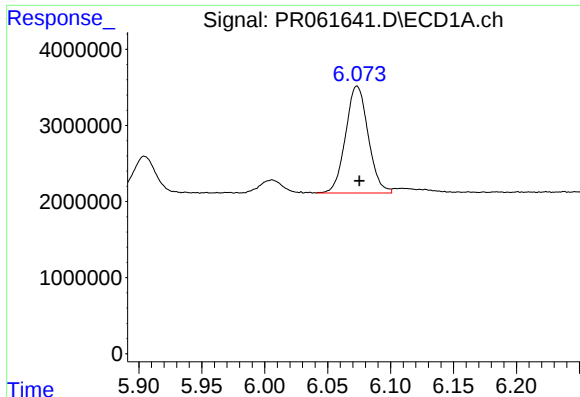
#26 AR-1254-1

R.T.: 5.835 min
Delta R.T.: -0.002 min
Response: 20672168
Conc: 213.47 ng/ml



#26 AR-1254-1

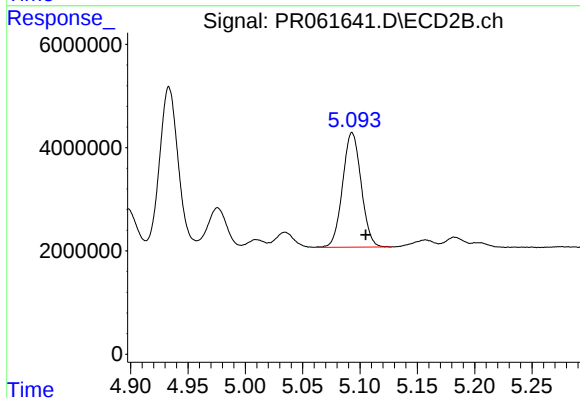
R.T.: 4.933 min
Delta R.T.: -0.012 min
Response: 35210356
Conc: 191.01 ng/ml



#27 AR-1254-2

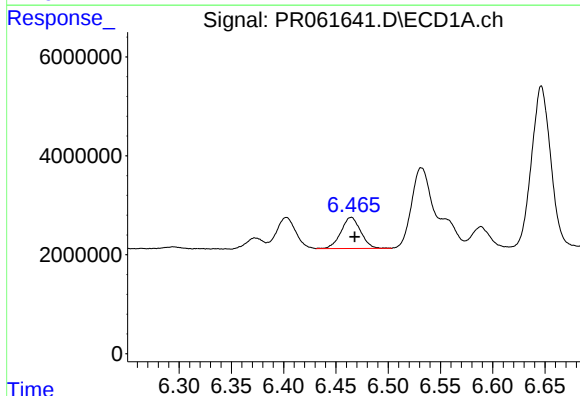
R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 17571825
Conc: 119.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



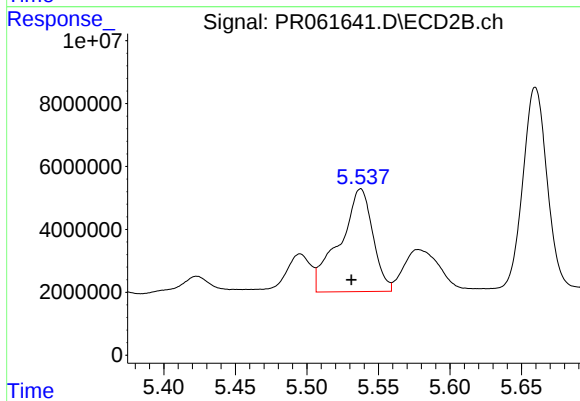
#27 AR-1254-2

R.T.: 5.093 min
Delta R.T.: -0.012 min
Response: 24990920
Conc: 157.83 ng/ml



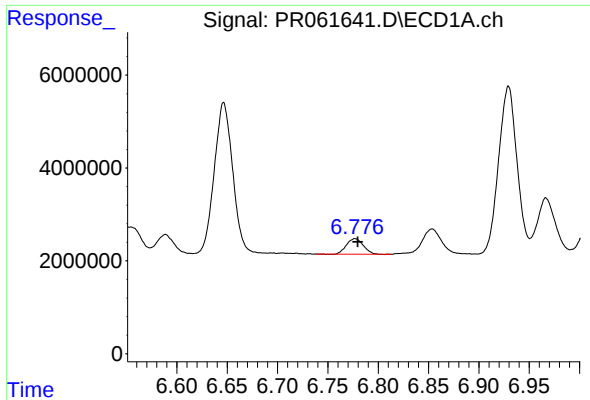
#28 AR-1254-3

R.T.: 6.465 min
Delta R.T.: -0.003 min
Response: 8333784
Conc: 55.65 ng/ml



#28 AR-1254-3

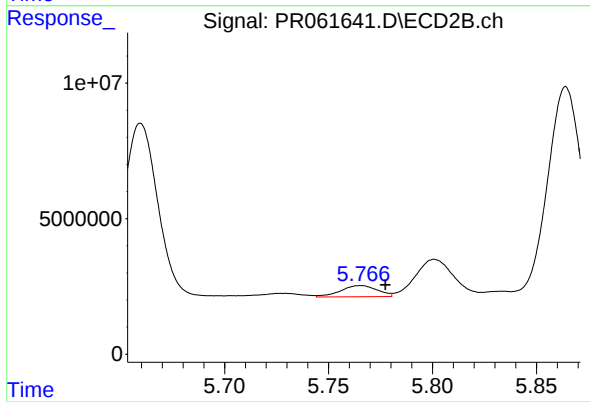
R.T.: 5.538 min
Delta R.T.: 0.006 min
Response: 52563047
Conc: 197.36 ng/ml



#29 AR-1254-4

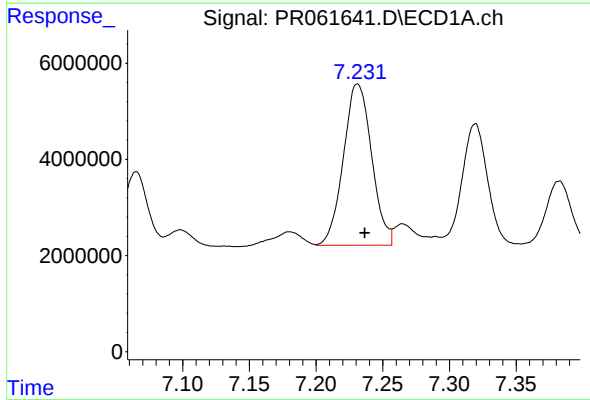
R.T.: 6.777 min
Delta R.T.: -0.003 min
Response: 3892145
Conc: 37.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



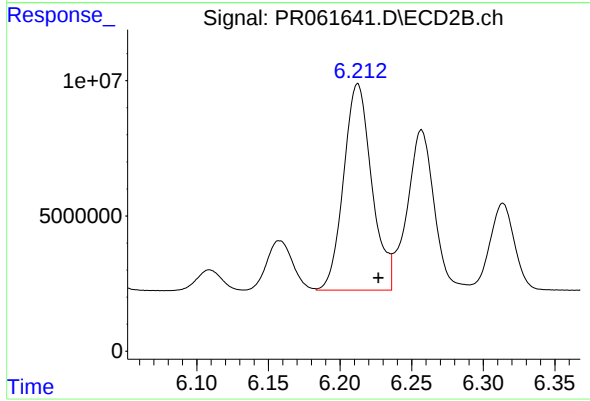
#29 AR-1254-4

R.T.: 5.765 min
Delta R.T.: -0.012 min
Response: 5013798
Conc: 29.82 ng/ml



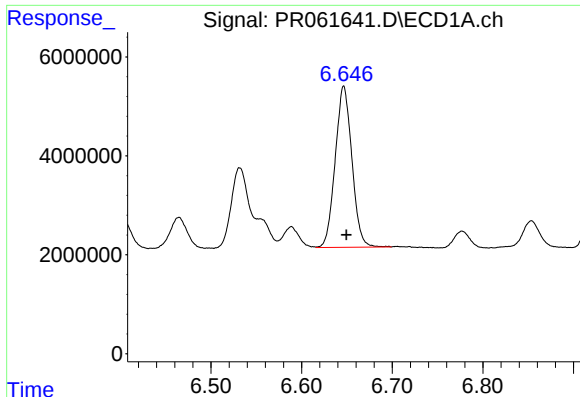
#30 AR-1254-5

R.T.: 7.231 min
Delta R.T.: -0.005 min
Response: 49520935
Conc: 462.70 ng/ml



#30 AR-1254-5

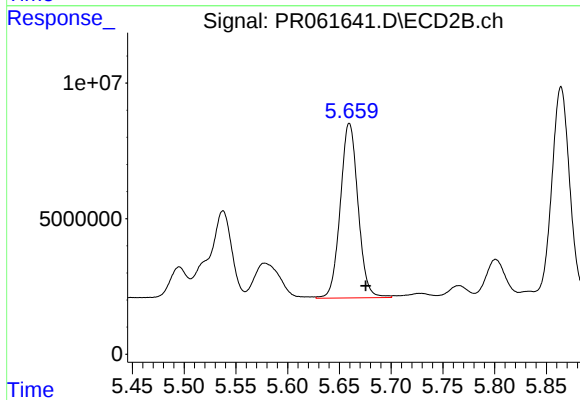
R.T.: 6.212 min
Delta R.T.: -0.014 min
Response: 104341776
Conc: 423.81 ng/ml



#31 AR-1260-1

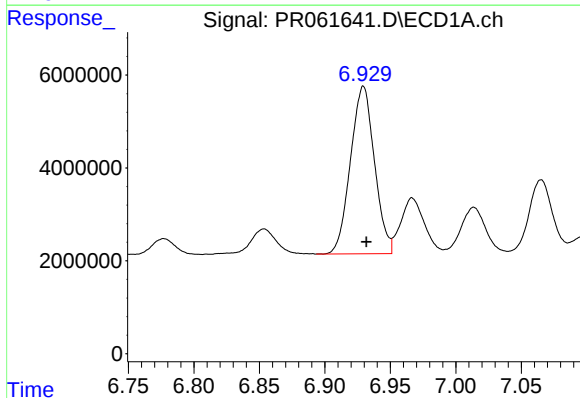
R.T.: 6.646 min
Delta R.T.: -0.003 min
Response: 41661702
Conc: 403.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



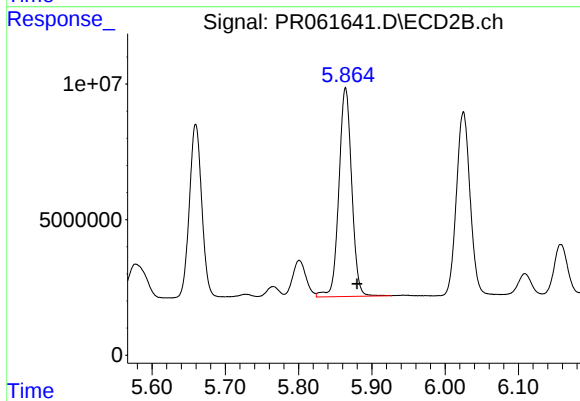
#31 AR-1260-1

R.T.: 5.660 min
Delta R.T.: -0.016 min
Response: 76909082
Conc: 450.99 ng/ml



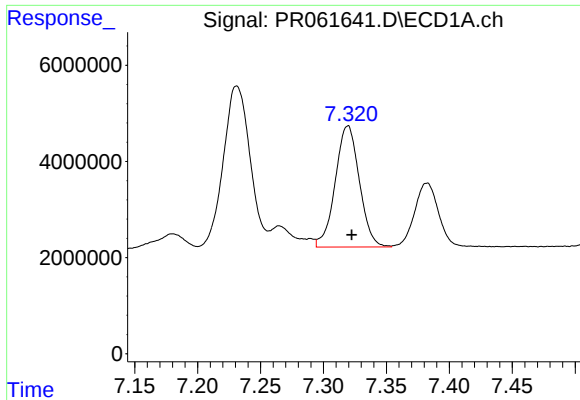
#32 AR-1260-2

R.T.: 6.930 min
Delta R.T.: -0.002 min
Response: 46011951
Conc: 390.92 ng/ml



#32 AR-1260-2

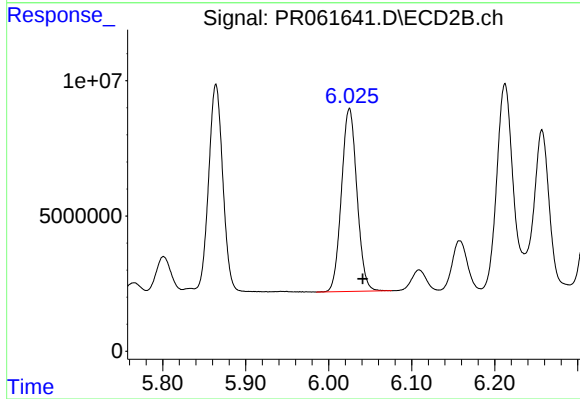
R.T.: 5.864 min
Delta R.T.: -0.016 min
Response: 93443407
Conc: 446.63 ng/ml



#33 AR-1260-3

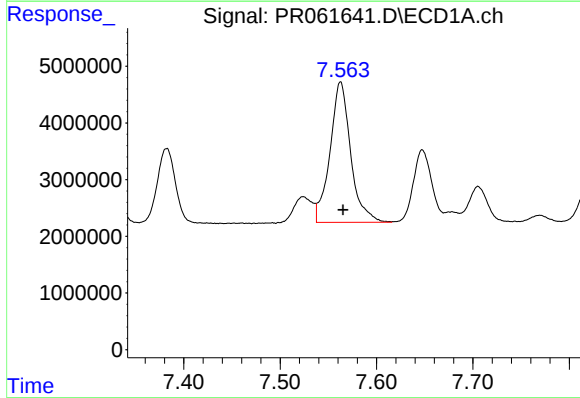
R.T.: 7.319 min
Delta R.T.: -0.003 min
Response: 33652907
Conc: 405.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



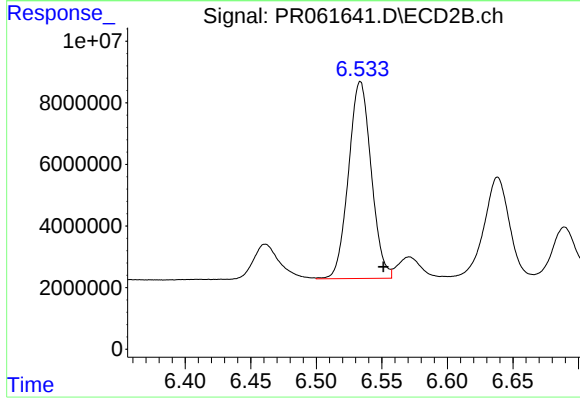
#33 AR-1260-3

R.T.: 6.025 min
Delta R.T.: -0.016 min
Response: 87657996
Conc: 422.12 ng/ml



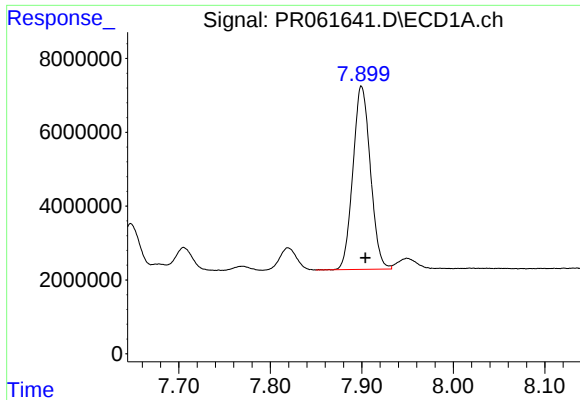
#34 AR-1260-4

R.T.: 7.563 min
Delta R.T.: -0.003 min
Response: 36995478
Conc: 398.20 ng/ml



#34 AR-1260-4

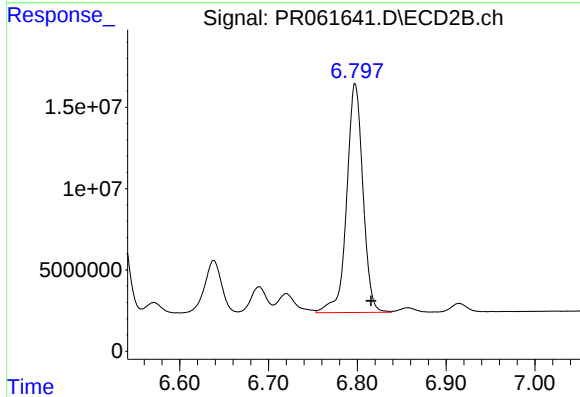
R.T.: 6.534 min
Delta R.T.: -0.018 min
Response: 77156459
Conc: 456.45 ng/ml



#35 AR-1260-5

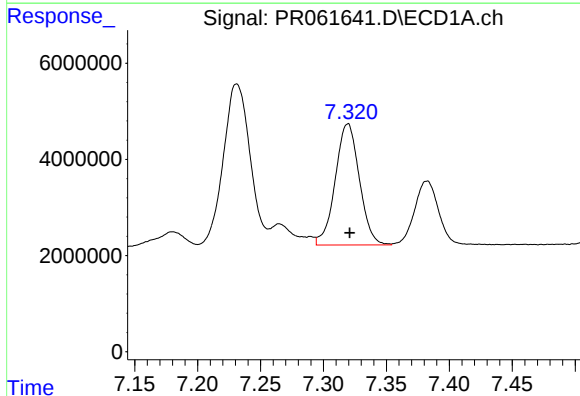
R.T.: 7.900 min
Delta R.T.: -0.004 min
Response: 65821735
Conc: 372.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



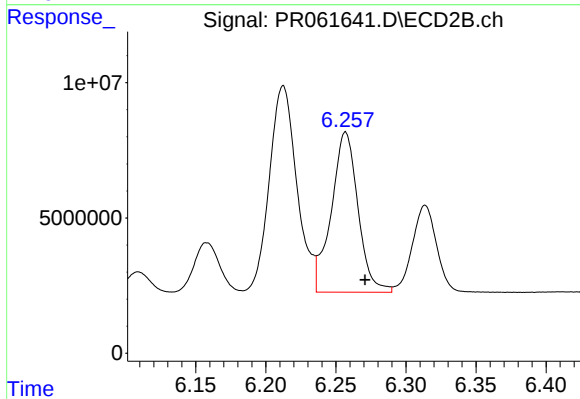
#35 AR-1260-5

R.T.: 6.798 min
Delta R.T.: -0.018 min
Response: 178876212
Conc: 441.20 ng/ml



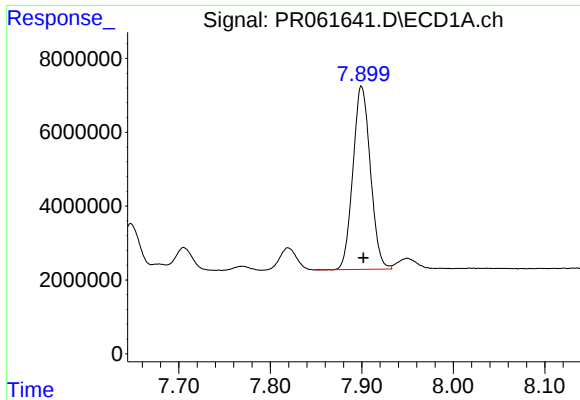
#36 AR-1262-1

R.T.: 7.319 min
Delta R.T.: -0.002 min
Response: 33652907
Conc: 241.91 ng/ml



#36 AR-1262-1

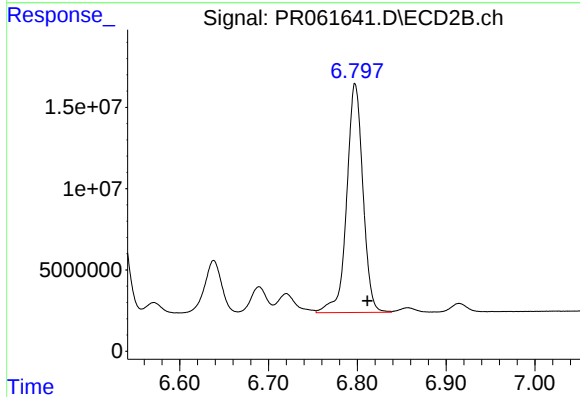
R.T.: 6.257 min
Delta R.T.: -0.014 min
Response: 78588401
Conc: 297.17 ng/ml



#37 AR-1262-2

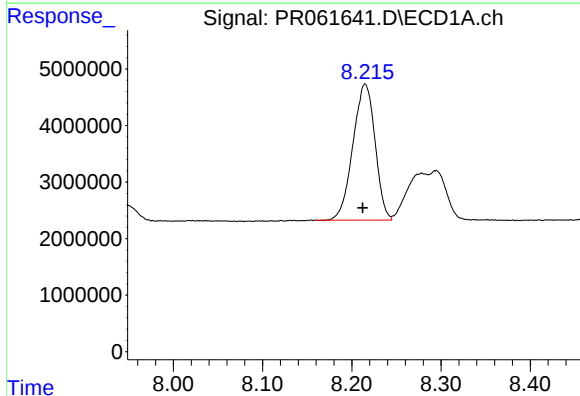
R.T.: 7.900 min
Delta R.T.: -0.002 min
Response: 65821735
Conc: 291.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



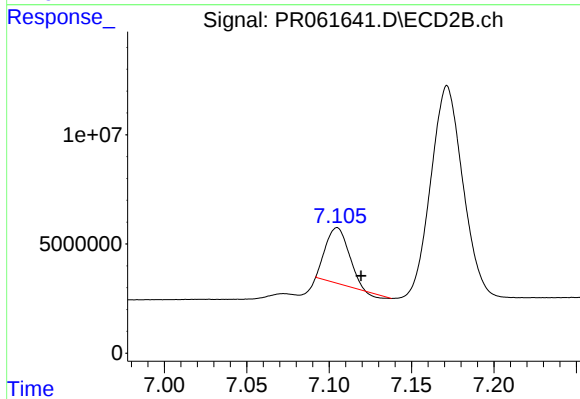
#37 AR-1262-2

R.T.: 6.798 min
Delta R.T.: -0.014 min
Response: 178876212
Conc: 361.46 ng/ml



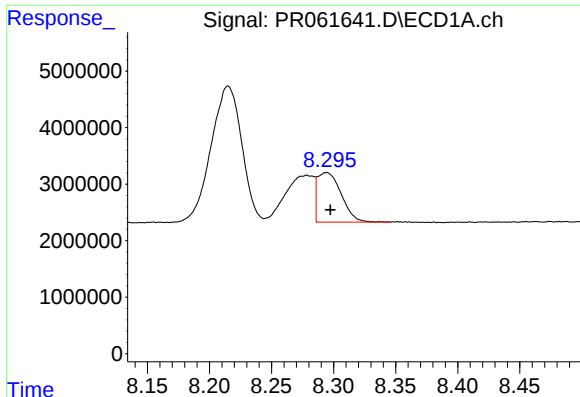
#38 AR-1262-3

R.T.: 8.215 min
Delta R.T.: 0.003 min
Response: 41483664
Conc: 269.68 ng/ml



#38 AR-1262-3

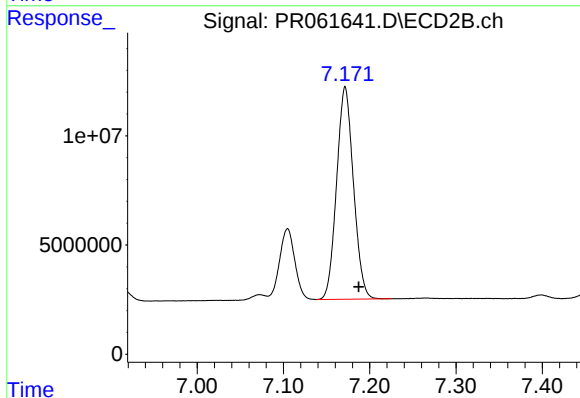
R.T.: 7.105 min
Delta R.T.: -0.015 min
Response: 24188888
Conc: 139.11 ng/ml



#39 AR-1262-4

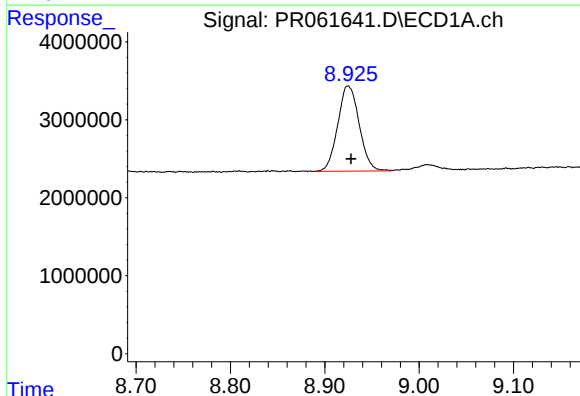
R.T.: 8.294 min
Delta R.T.: -0.003 min
Response: 11712433
Conc: 106.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



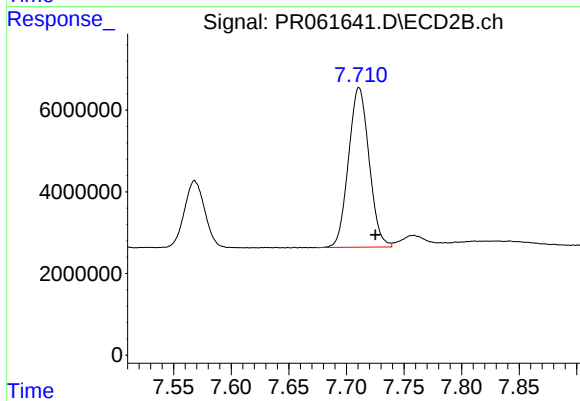
#39 AR-1262-4

R.T.: 7.172 min
Delta R.T.: -0.016 min
Response: 131483521
Conc: 365.00 ng/ml



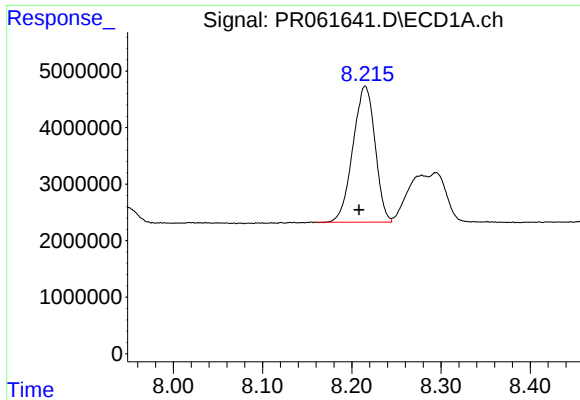
#40 AR-1262-5

R.T.: 8.925 min
Delta R.T.: -0.003 min
Response: 17243536
Conc: 234.20 ng/ml



#40 AR-1262-5

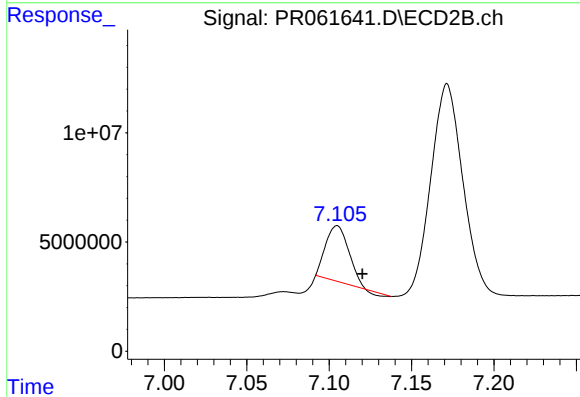
R.T.: 7.711 min
Delta R.T.: -0.014 min
Response: 48673009
Conc: 279.37 ng/ml



#41 AR-1268-1

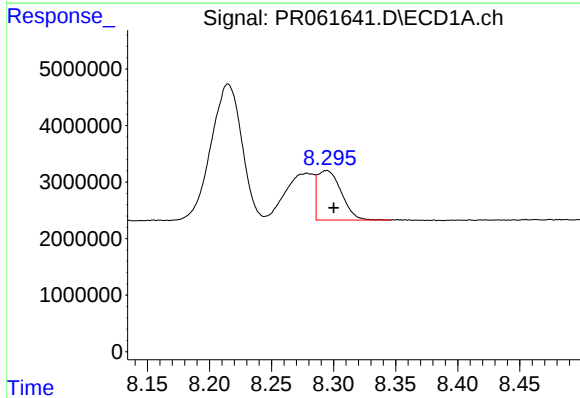
R.T.: 8.215 min
Delta R.T.: 0.007 min
Response: 41483664
Conc: 205.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



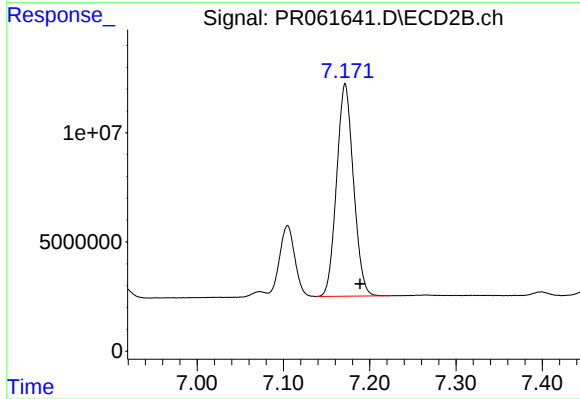
#41 AR-1268-1

R.T.: 7.105 min
Delta R.T.: -0.015 min
Response: 24188888
Conc: 58.27 ng/ml



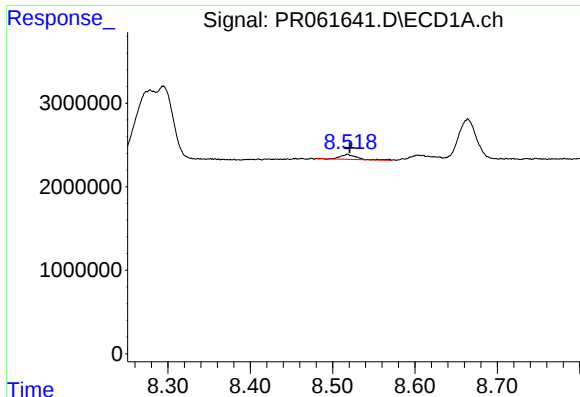
#42 AR-1268-2

R.T.: 8.294 min
Delta R.T.: -0.006 min
Response: 11712433
Conc: 67.76 ng/ml



#42 AR-1268-2

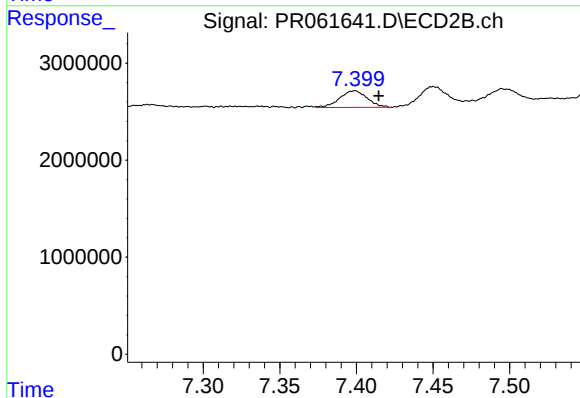
R.T.: 7.172 min
Delta R.T.: -0.017 min
Response: 131483521
Conc: 343.59 ng/ml



#43 AR-1268-3

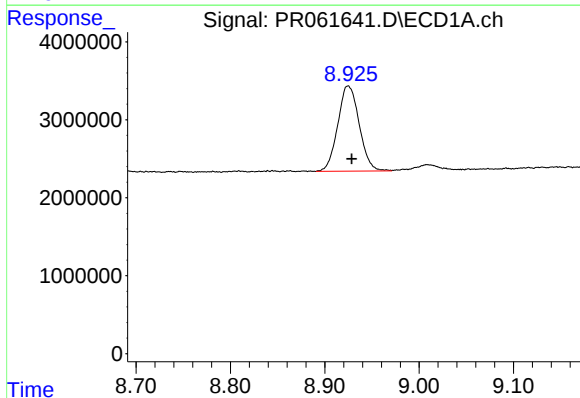
R.T.: 8.518 min
Delta R.T.: -0.003 min
Response: 854524
Conc: 5.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



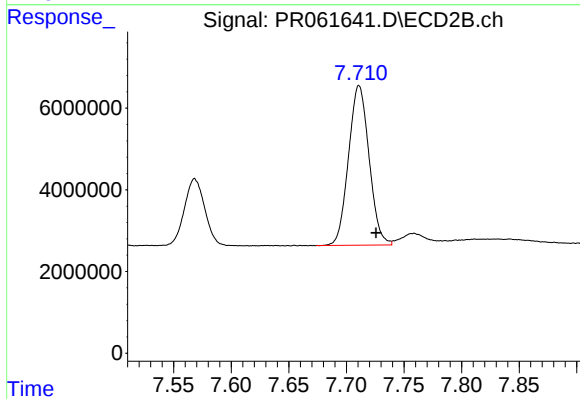
#43 AR-1268-3

R.T.: 7.399 min
Delta R.T.: -0.016 min
Response: 2162064
Conc: 6.47 ng/ml



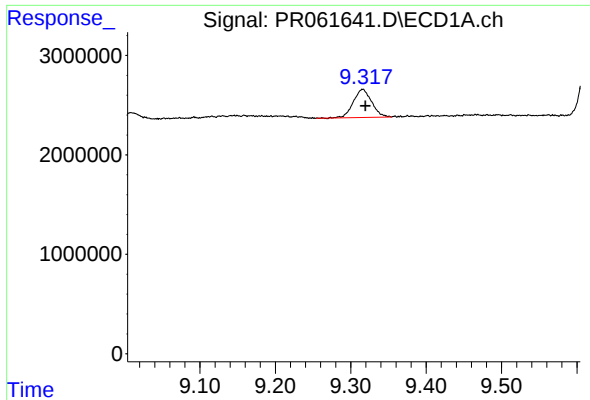
#44 AR-1268-4

R.T.: 8.925 min
Delta R.T.: -0.004 min
Response: 17243536
Conc: 278.77 ng/ml



#44 AR-1268-4

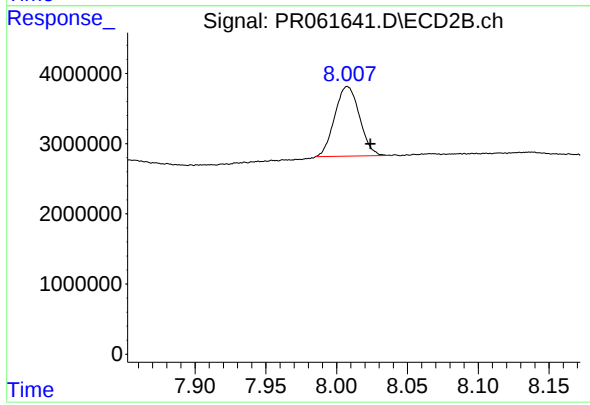
R.T.: 7.711 min
Delta R.T.: -0.015 min
Response: 48673009
Conc: 332.92 ng/ml



#45 AR-1268-5

R.T.: 9.316 min
Delta R.T.: -0.004 min
Response: 4802824
Conc: 10.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.008 min
Delta R.T.: -0.016 min
Response: 12131667
Conc: 11.27 ng/ml