

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081922\
 Data File : PR056015.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2022 20:57
 Operator : AJ\MA
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 04:20:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 05 12:39:02 2022
 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...	3.629	2.900	211.7E6	100.2E6	49.602	49.905
2)	SA Decachlor...	9.517	8.111	78267118	78188946	44.019	42.983
Target Compounds							
3)	L1 AR-1016-1	4.850	4.006	35068592	19069097	302.853	294.449
4)	L1 AR-1016-2	4.872	4.024	40980724	20014137	249.707	219.129
5)	L1 AR-1016-3	4.936	4.202	20319135	13611267	205.454	266.937 #
6)	L1 AR-1016-4	5.037	4.252	22045328	27031130	278.303	711.492 #
7)	L1 AR-1016-5	5.354	4.466	47914996	32209275	662.700	652.943
8)	L2 AR-1221-1	3.844	3.121	451090	392392	9.128	17.194 #
9)	L2 AR-1221-2	3.940	3.201	3379209	1547201	93.274	90.238
10)	L2 AR-1221-3	4.018	3.284	3726870	1851263	35.391	35.358
11)	L3 AR-1232-1	4.018	3.284	3726870	1851263	42.970	42.908
12)	L3 AR-1232-2	4.565	4.024	17914434	20014137	417.394	497.823
13)	L3 AR-1232-3	4.872	4.202	40980724	13611267	559.988	630.297
14)	L3 AR-1232-4	5.037	4.292	22045328	27544235	638.699	1500.204 #
15)	L3 AR-1232-5	5.141	4.466	42464135	32209275	1702.005	1557.685
16)	L4 AR-1242-1	4.850	4.006	35068592	19069097	372.854	355.585
17)	L4 AR-1242-2	4.872	4.024	40980724	20014137	302.509	267.591
18)	L4 AR-1242-3	4.936	4.202	20319135	13611267	255.043	335.318 #
19)	L4 AR-1242-4	5.037	4.292	22045328	27544235	350.035	731.697 #
20)	L4 AR-1242-5	5.826	4.834	47182406	47723644	819.279	964.057
21)	L5 AR-1248-1	4.850	4.006	35068592	19069097	482.412	468.574
22)	L5 AR-1248-2	5.141	4.252	42464135	27031130	477.583	488.397
23)	L5 AR-1248-3	5.354	4.292	47914996	27544235	481.504	489.792
24)	L5 AR-1248-4	5.787	4.466	46565279	32209275	476.478	474.640
25)	L5 AR-1248-5	5.826	4.875	47182406	34353596	483.279	481.691
26)	L6 AR-1254-1	5.756	4.834	38092580	47723644	371.940	436.765
27)	L6 AR-1254-2	5.993	4.991	44686509	14189293	303.987	146.536 #
28)	L6 AR-1254-3	6.386	5.408	24308107	22720566	165.917	149.161
29)	L6 AR-1254-4	6.698	5.654	16327965	15711511	157.502	159.451
30)	L6 AR-1254-5	7.152	6.095	4967419	4854253	45.812	35.828
31)	L7 AR-1260-1	6.566	5.556	3664075	11896144	33.845	118.067 #
32)	L7 AR-1260-2	6.848	5.752	2127880	2511754	17.197	20.544
33)	L7 AR-1260-3	0.000	5.906	0	2609396	N.D.	23.073 #
34)	L7 AR-1260-4	7.463f	6.409	2819147	498272	27.459	5.207 #
35)	L7 AR-1260-5	7.819	6.675	853515	607748	4.391	2.706 #
36)	L8 AR-1262-1	0.000	6.166f	0	580671	N.D.	4.318 #
37)	L8 AR-1262-2	7.819	6.409	853515	498272	3.999	4.083
38)	L8 AR-1262-3	8.133	6.979	788402	348827	5.347	3.624 #
39)	L8 AR-1262-4	8.204	7.042	814522	858208	12.962	4.717 #
40)	L8 AR-1262-5	8.830	7.577	349636	501346	4.414	5.850 #
41)	L9 AR-1268-1	8.133	6.979	788402	348827	3.162	1.240 #

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 Acq On : 19 Aug 2022 20:57
 Operator : AJ\MA
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

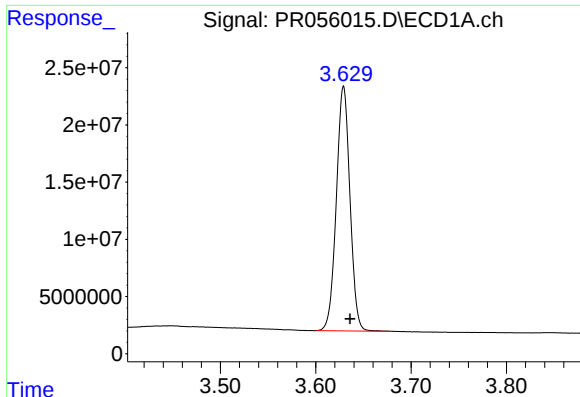
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 04:20:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 05 12:39:02 2022
 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
42) L9	AR-1268-2	8.204f	7.042f	814522	858208	3.568	3.355
43) L9	AR-1268-3	8.423	7.264	479227	1072041	2.489	4.981 #
44) L9	AR-1268-4	8.830	7.577	349636	501346	3.964	5.276 #
45) L9	AR-1268-5	9.211	7.875	1099975	531293	1.799	0.780 #

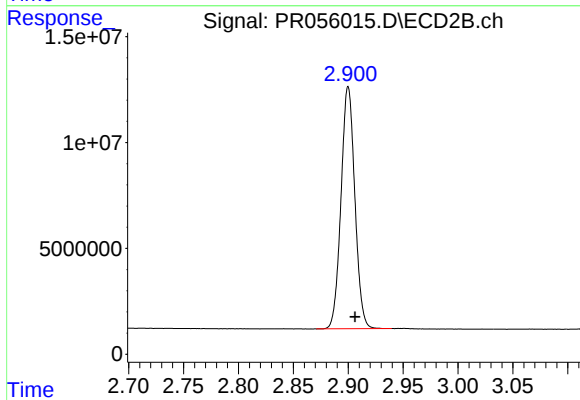
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

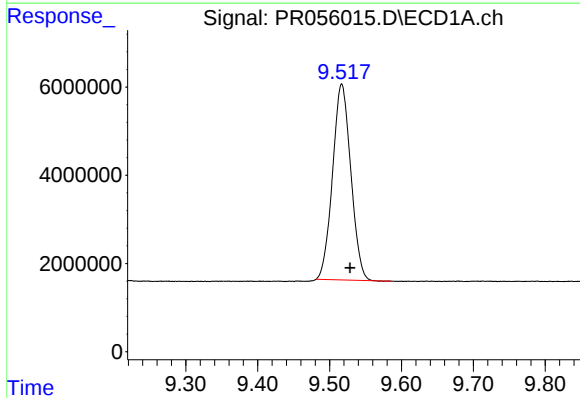
R.T.: 3.629 min
Delta R.T.: -0.007 min
Response: 211650531
Conc: 49.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



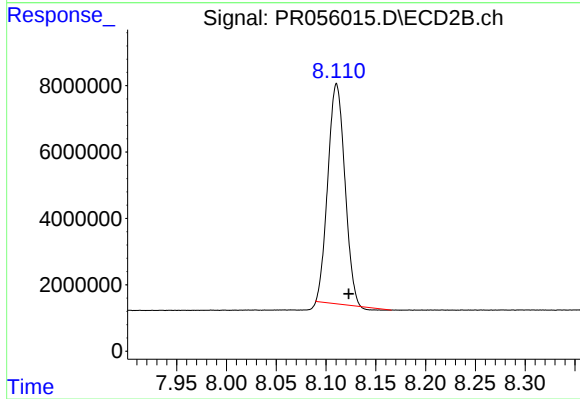
#1 Tetrachloro-m-xylene

R.T.: 2.900 min
Delta R.T.: -0.006 min
Response: 100200844
Conc: 49.91 ng/ml



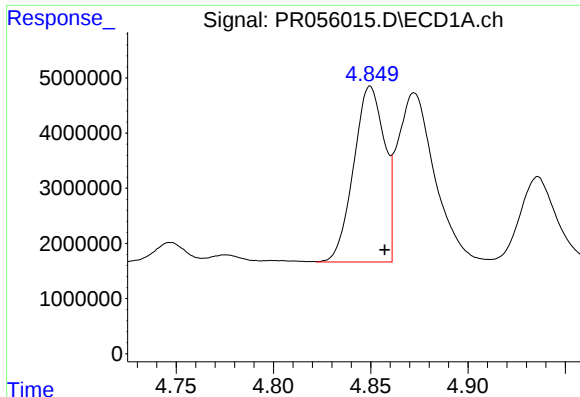
#2 Decachlorobiphenyl

R.T.: 9.517 min
Delta R.T.: -0.011 min
Response: 78267118
Conc: 44.02 ng/ml



#2 Decachlorobiphenyl

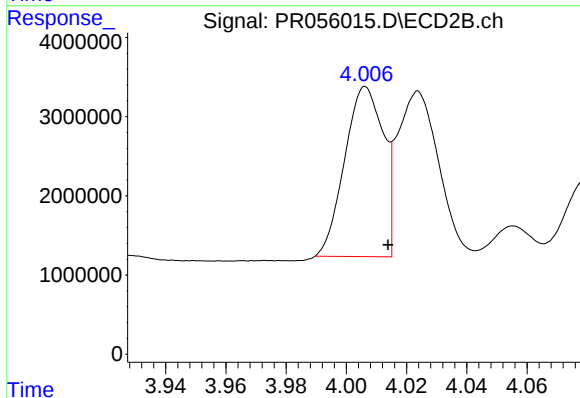
R.T.: 8.111 min
Delta R.T.: -0.012 min
Response: 78188946
Conc: 42.98 ng/ml



#3 AR-1016-1

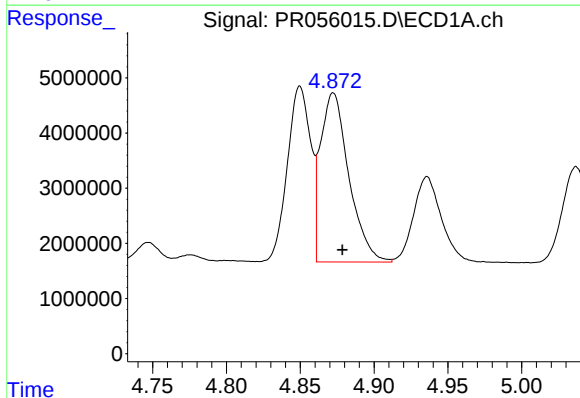
R.T.: 4.850 min
Delta R.T.: -0.007 min
Response: 35068592
Conc: 302.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



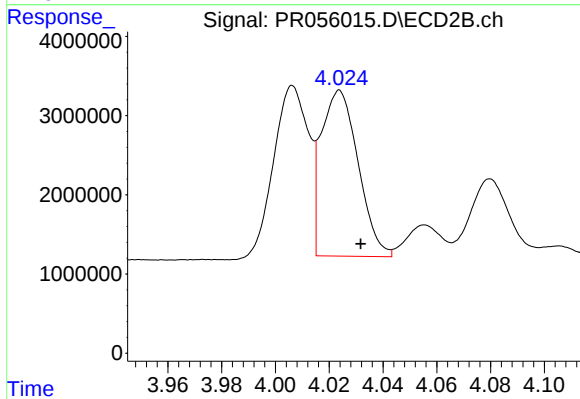
#3 AR-1016-1

R.T.: 4.006 min
Delta R.T.: -0.007 min
Response: 19069097
Conc: 294.45 ng/ml



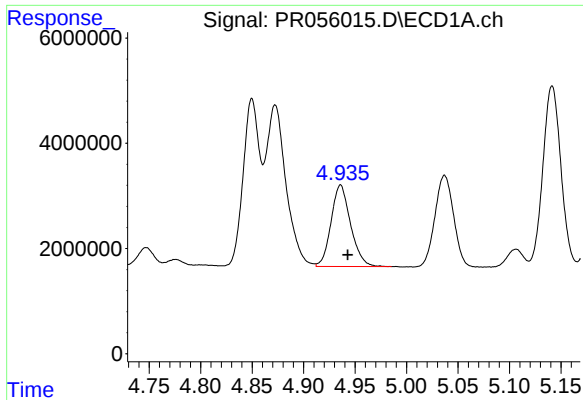
#4 AR-1016-2

R.T.: 4.872 min
Delta R.T.: -0.006 min
Response: 40980724
Conc: 249.71 ng/ml



#4 AR-1016-2

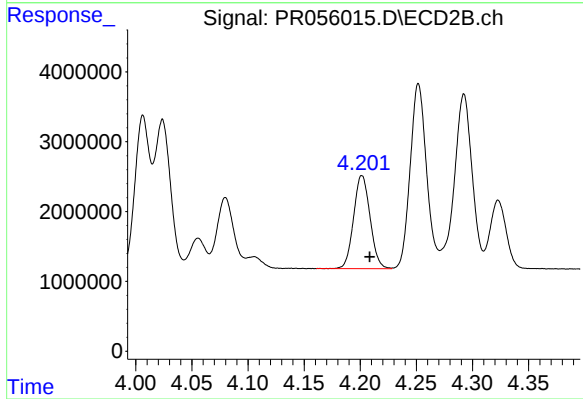
R.T.: 4.024 min
Delta R.T.: -0.008 min
Response: 20014137
Conc: 219.13 ng/ml



#5 AR-1016-3

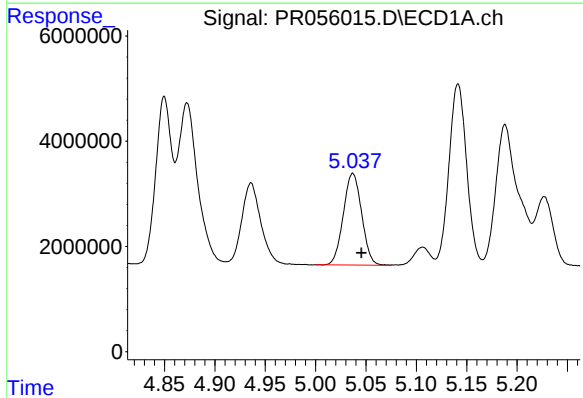
R.T.: 4.936 min
Delta R.T.: -0.007 min
Response: 20319135
Conc: 205.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



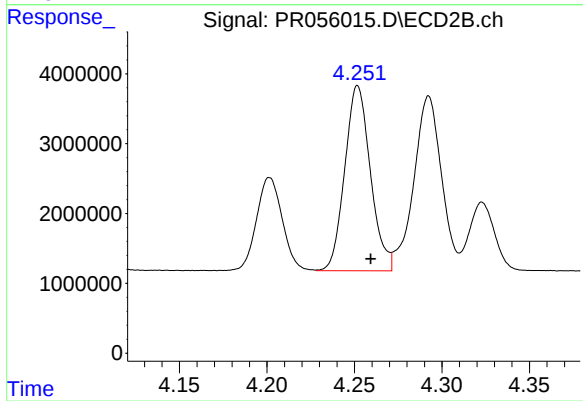
#5 AR-1016-3

R.T.: 4.202 min
Delta R.T.: -0.007 min
Response: 13611267
Conc: 266.94 ng/ml



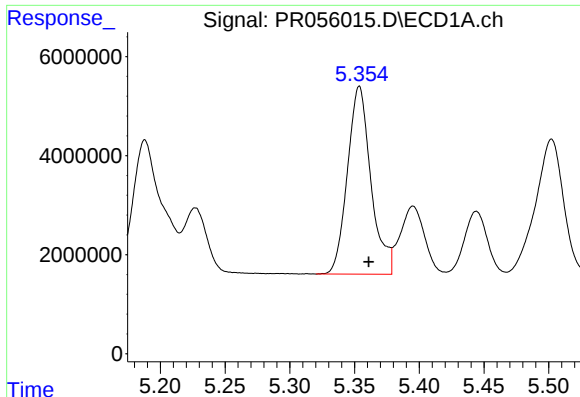
#6 AR-1016-4

R.T.: 5.037 min
Delta R.T.: -0.009 min
Response: 22045328
Conc: 278.30 ng/ml



#6 AR-1016-4

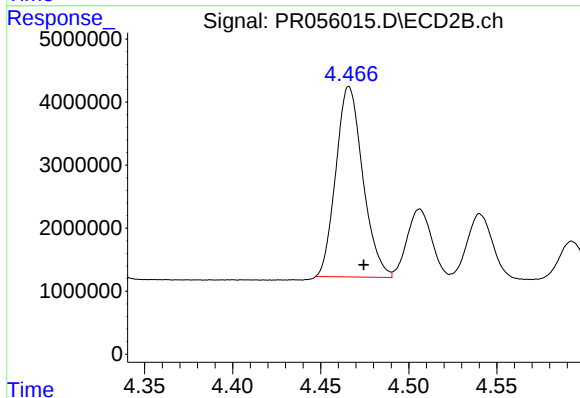
R.T.: 4.252 min
Delta R.T.: -0.007 min
Response: 27031130
Conc: 711.49 ng/ml



#7 AR-1016-5

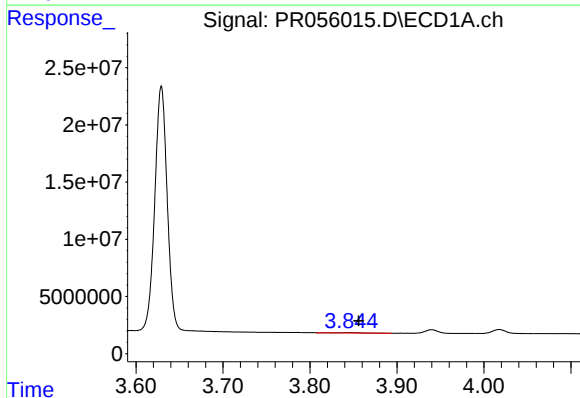
R.T.: 5.354 min
Delta R.T.: -0.007 min
Response: 47914996
Conc: 662.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



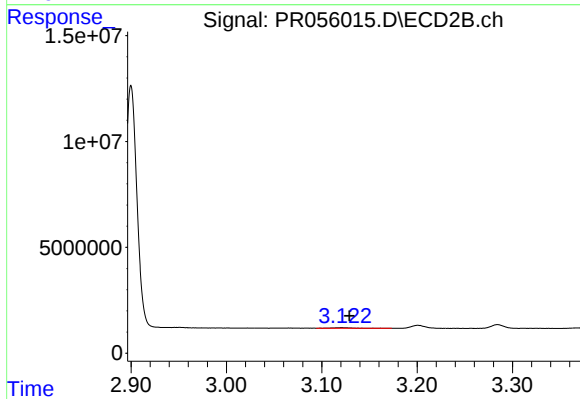
#7 AR-1016-5

R.T.: 4.466 min
Delta R.T.: -0.008 min
Response: 32209275
Conc: 652.94 ng/ml



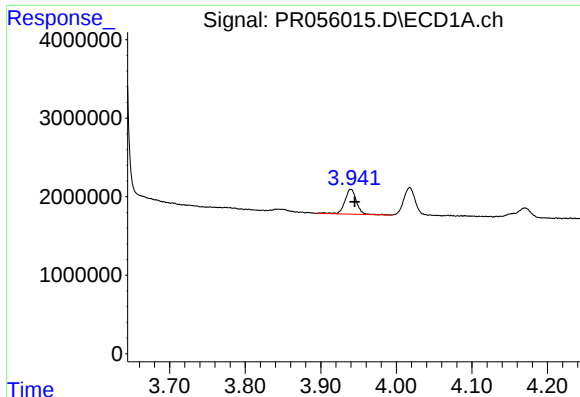
#8 AR-1221-1

R.T.: 3.844 min
Delta R.T.: -0.012 min
Response: 451090
Conc: 9.13 ng/ml



#8 AR-1221-1

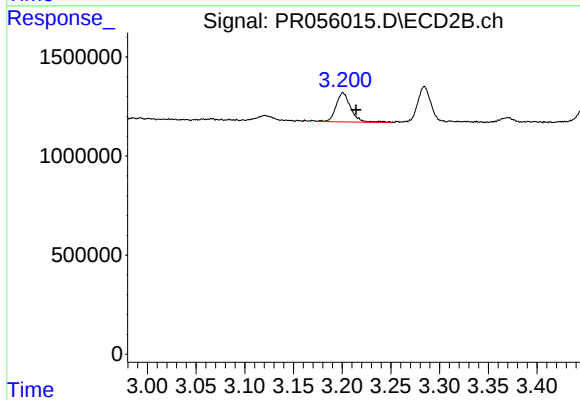
R.T.: 3.121 min
Delta R.T.: -0.008 min
Response: 392392
Conc: 17.19 ng/ml



#9 AR-1221-2

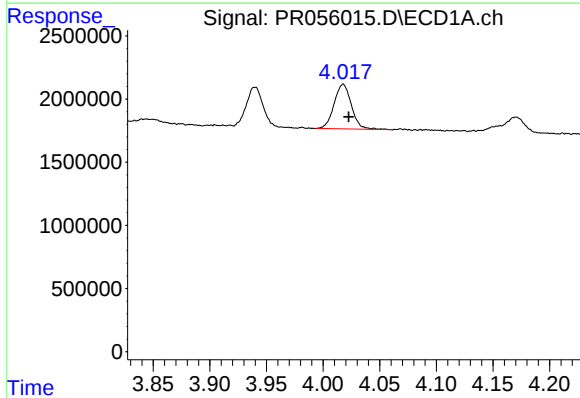
R.T.: 3.940 min
Delta R.T.: -0.005 min
Response: 3379209
Conc: 93.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



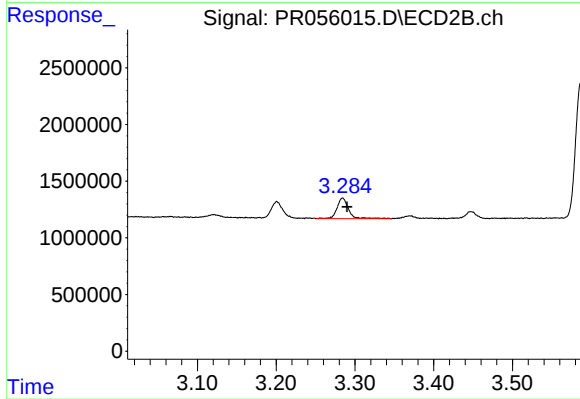
#9 AR-1221-2

R.T.: 3.201 min
Delta R.T.: -0.013 min
Response: 1547201
Conc: 90.24 ng/ml



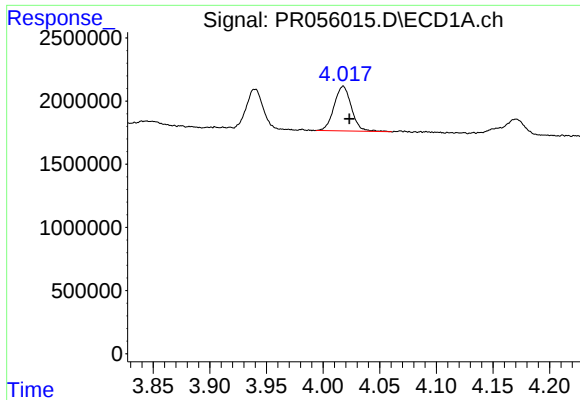
#10 AR-1221-3

R.T.: 4.018 min
Delta R.T.: -0.005 min
Response: 3726870
Conc: 35.39 ng/ml



#10 AR-1221-3

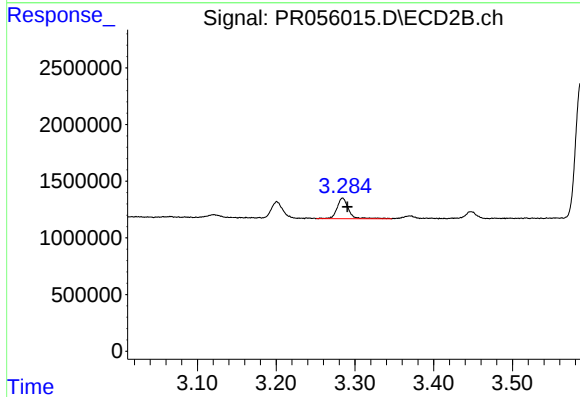
R.T.: 3.284 min
Delta R.T.: -0.006 min
Response: 1851263
Conc: 35.36 ng/ml



#11 AR-1232-1

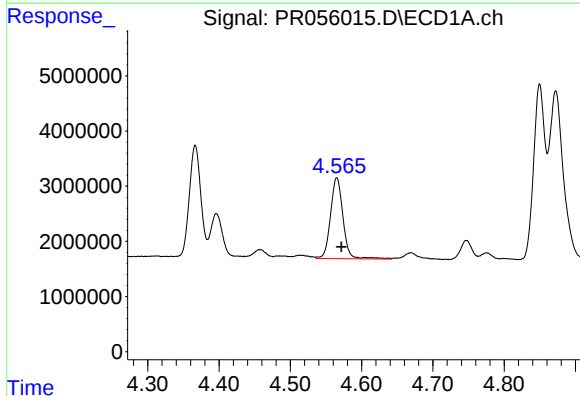
R.T.: 4.018 min
Delta R.T.: -0.006 min
Response: 3726870
Conc: 42.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



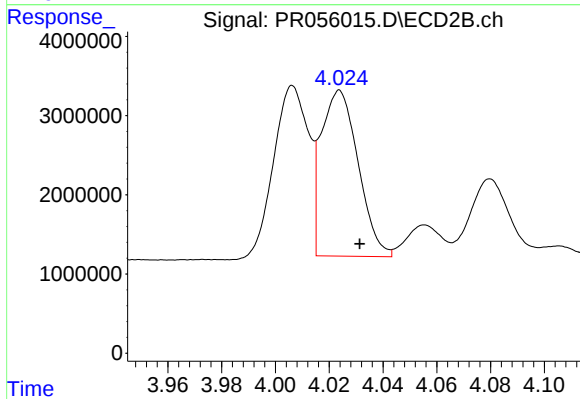
#11 AR-1232-1

R.T.: 3.284 min
Delta R.T.: -0.006 min
Response: 1851263
Conc: 42.91 ng/ml



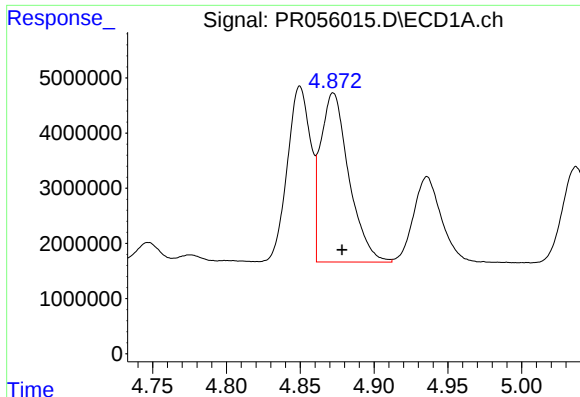
#12 AR-1232-2

R.T.: 4.565 min
Delta R.T.: -0.007 min
Response: 17914434
Conc: 417.39 ng/ml



#12 AR-1232-2

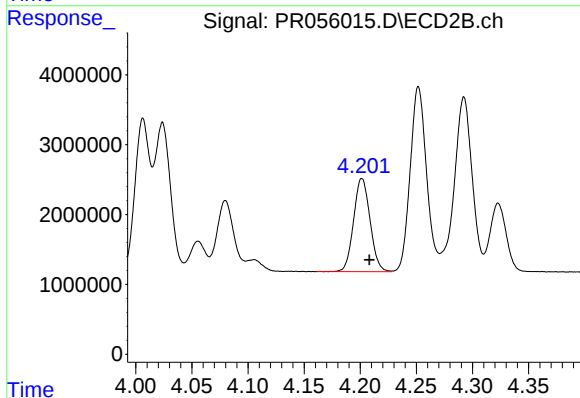
R.T.: 4.024 min
Delta R.T.: -0.007 min
Response: 20014137
Conc: 497.82 ng/ml



#13 AR-1232-3

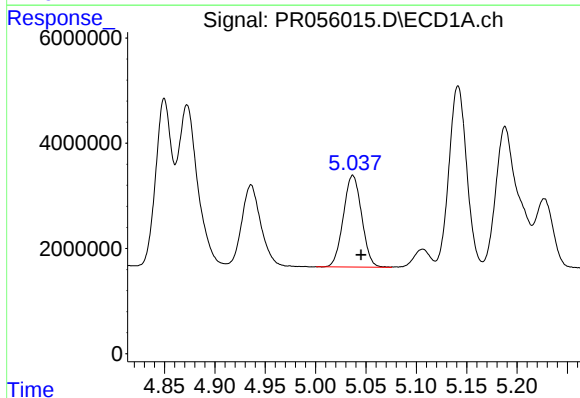
R.T.: 4.872 min
Delta R.T.: -0.006 min
Response: 40980724
Conc: 559.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



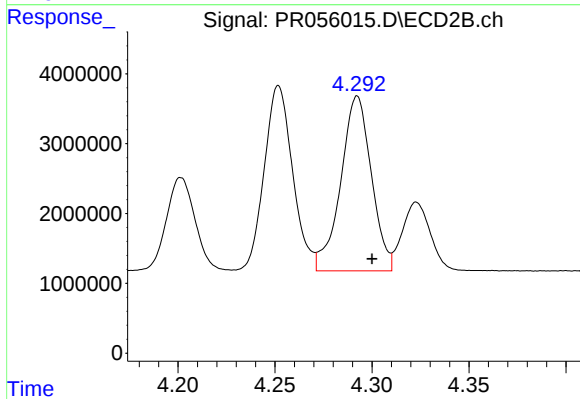
#13 AR-1232-3

R.T.: 4.202 min
Delta R.T.: -0.006 min
Response: 13611267
Conc: 630.30 ng/ml



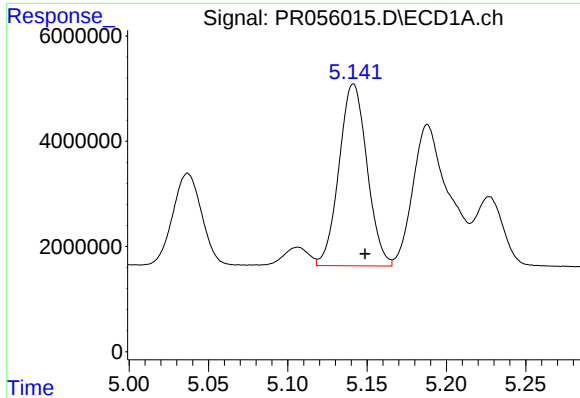
#14 AR-1232-4

R.T.: 5.037 min
Delta R.T.: -0.008 min
Response: 22045328
Conc: 638.70 ng/ml



#14 AR-1232-4

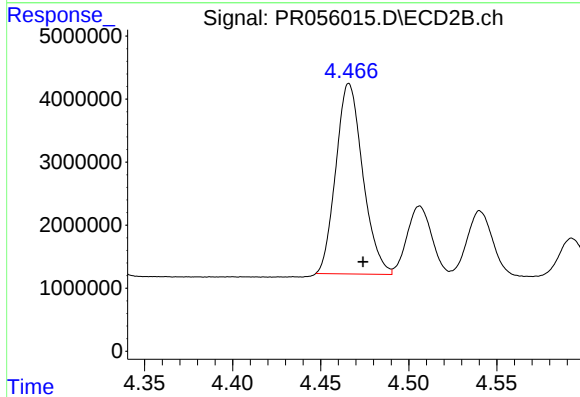
R.T.: 4.292 min
Delta R.T.: -0.008 min
Response: 27544235
Conc: 1500.20 ng/ml



#15 AR-1232-5

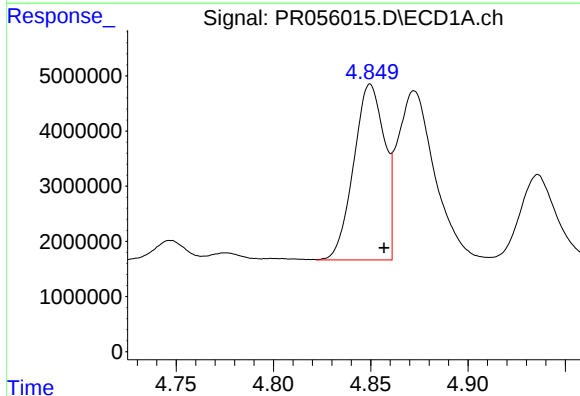
R.T.: 5.141 min
Delta R.T.: -0.007 min
Response: 42464135
Conc: 1702.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



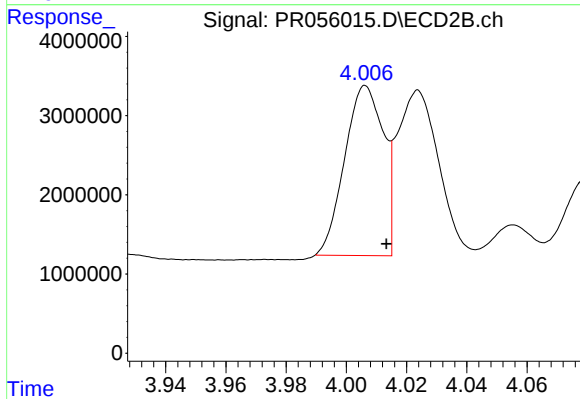
#15 AR-1232-5

R.T.: 4.466 min
Delta R.T.: -0.008 min
Response: 32209275
Conc: 1557.68 ng/ml



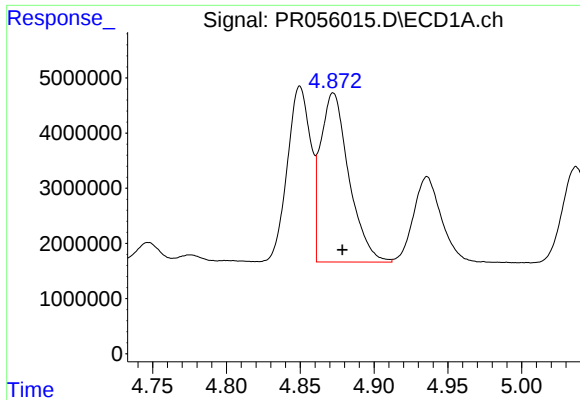
#16 AR-1242-1

R.T.: 4.850 min
Delta R.T.: -0.007 min
Response: 35068592
Conc: 372.85 ng/ml



#16 AR-1242-1

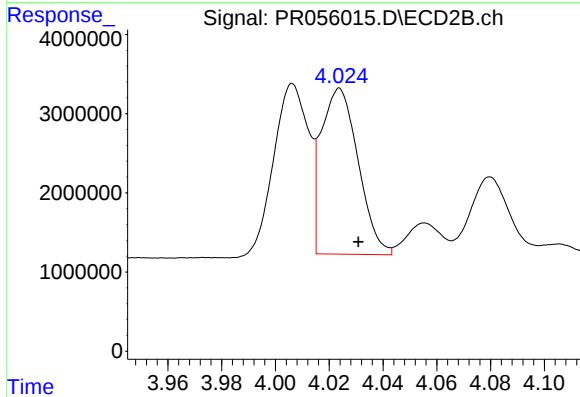
R.T.: 4.006 min
Delta R.T.: -0.007 min
Response: 19069097
Conc: 355.58 ng/ml



#17 AR-1242-2

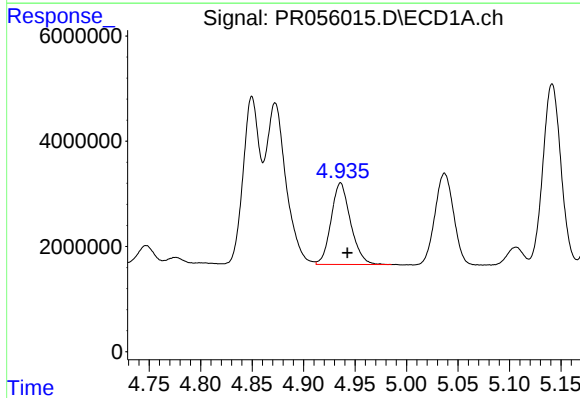
R.T.: 4.872 min
Delta R.T.: -0.006 min
Response: 40980724
Conc: 302.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



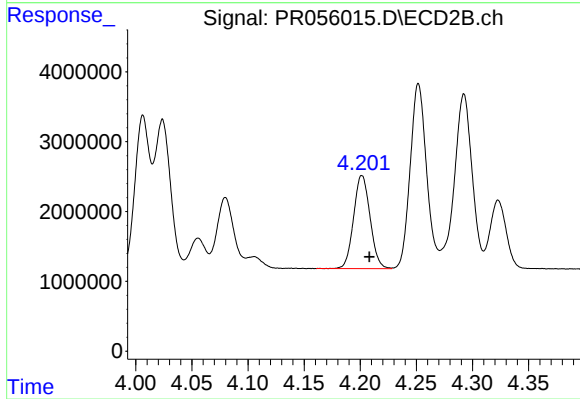
#17 AR-1242-2

R.T.: 4.024 min
Delta R.T.: -0.007 min
Response: 20014137
Conc: 267.59 ng/ml



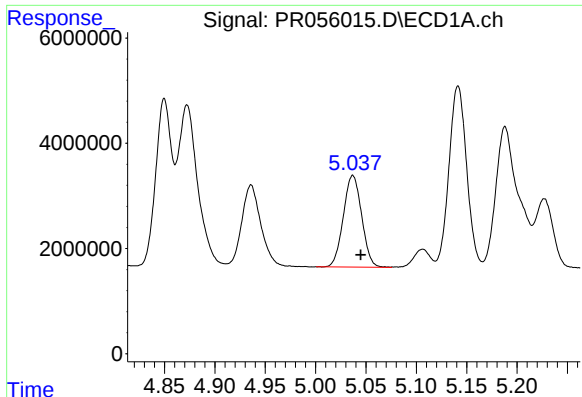
#18 AR-1242-3

R.T.: 4.936 min
Delta R.T.: -0.007 min
Response: 20319135
Conc: 255.04 ng/ml



#18 AR-1242-3

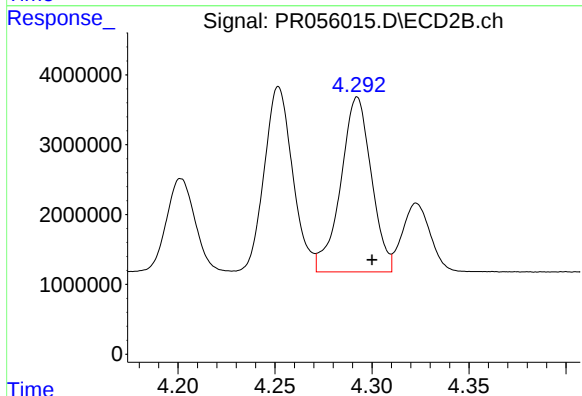
R.T.: 4.202 min
Delta R.T.: -0.007 min
Response: 13611267
Conc: 335.32 ng/ml



#19 AR-1242-4

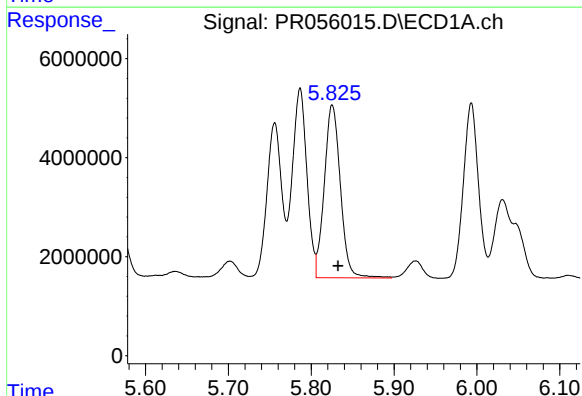
R.T.: 5.037 min
Delta R.T.: -0.008 min
Response: 22045328
Conc: 350.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



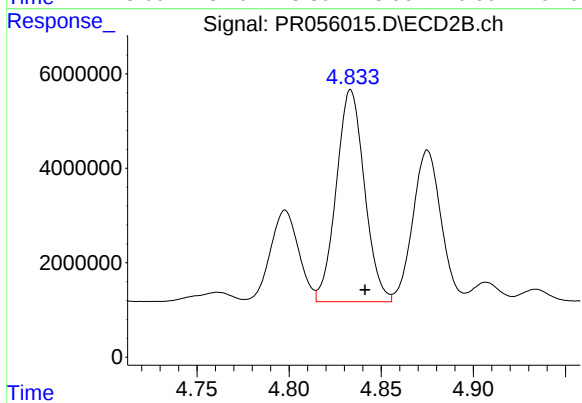
#19 AR-1242-4

R.T.: 4.292 min
Delta R.T.: -0.008 min
Response: 27544235
Conc: 731.70 ng/ml



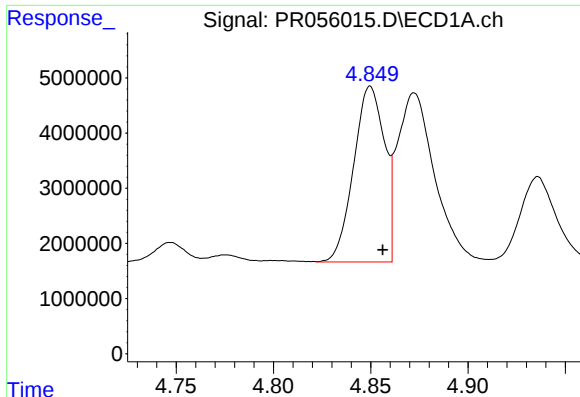
#20 AR-1242-5

R.T.: 5.826 min
Delta R.T.: -0.007 min
Response: 47182406
Conc: 819.28 ng/ml



#20 AR-1242-5

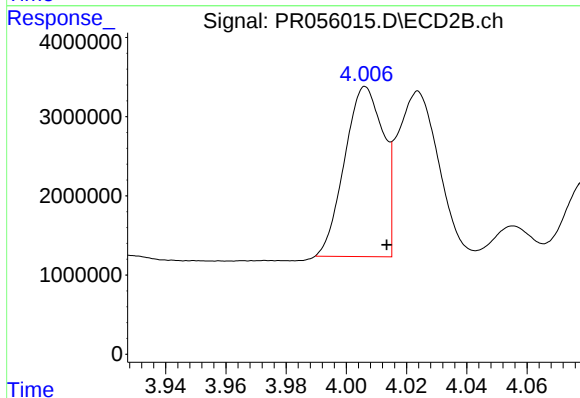
R.T.: 4.834 min
Delta R.T.: -0.008 min
Response: 47723644
Conc: 964.06 ng/ml



#21 AR-1248-1

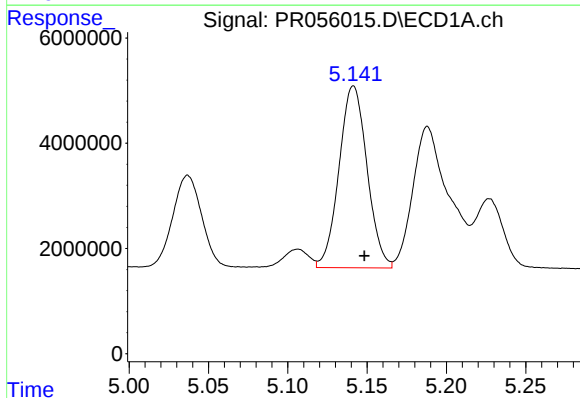
R.T.: 4.850 min
Delta R.T.: -0.006 min
Response: 35068592
Conc: 482.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



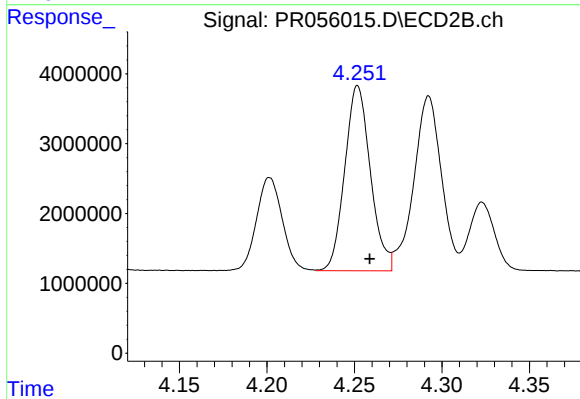
#21 AR-1248-1

R.T.: 4.006 min
Delta R.T.: -0.007 min
Response: 19069097
Conc: 468.57 ng/ml



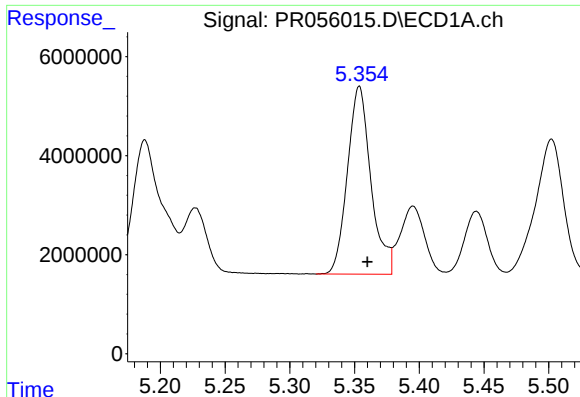
#22 AR-1248-2

R.T.: 5.141 min
Delta R.T.: -0.007 min
Response: 42464135
Conc: 477.58 ng/ml



#22 AR-1248-2

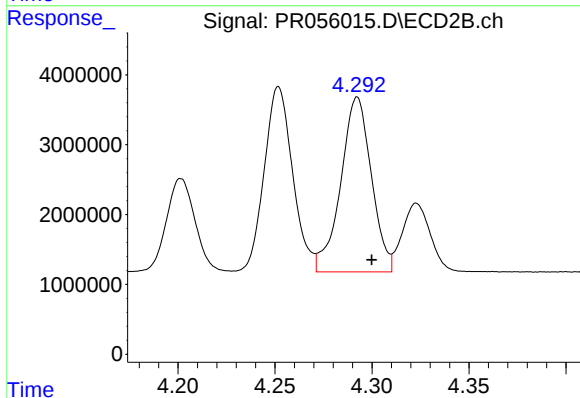
R.T.: 4.252 min
Delta R.T.: -0.007 min
Response: 27031130
Conc: 488.40 ng/ml



#23 AR-1248-3

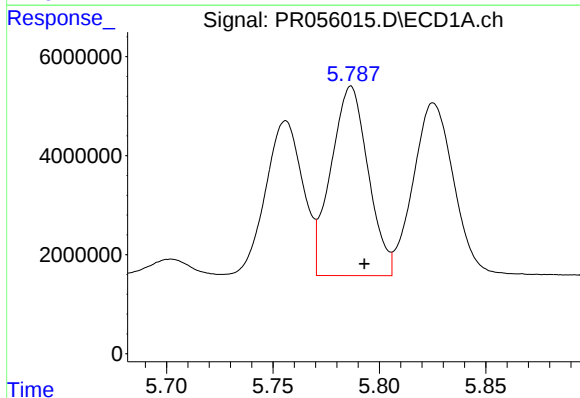
R.T.: 5.354 min
Delta R.T.: -0.006 min
Response: 47914996
Conc: 481.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



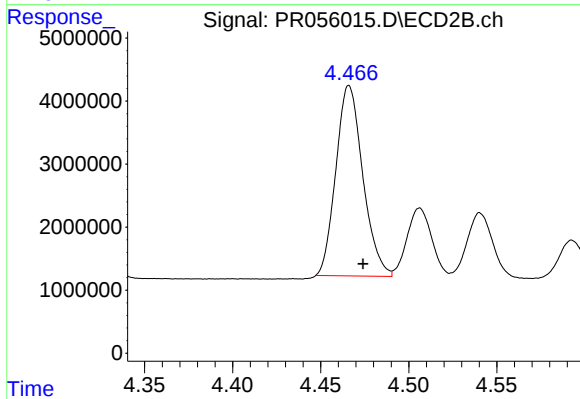
#23 AR-1248-3

R.T.: 4.292 min
Delta R.T.: -0.007 min
Response: 27544235
Conc: 489.79 ng/ml



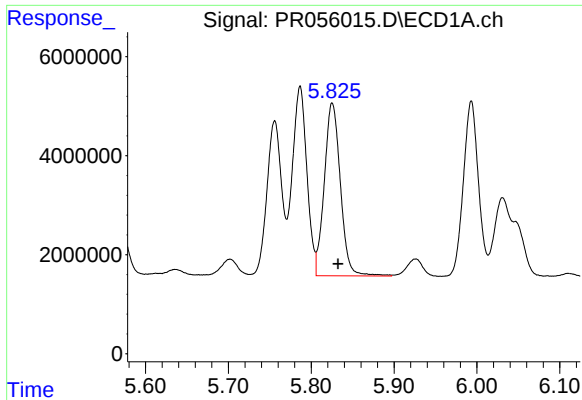
#24 AR-1248-4

R.T.: 5.787 min
Delta R.T.: -0.006 min
Response: 46565279
Conc: 476.48 ng/ml



#24 AR-1248-4

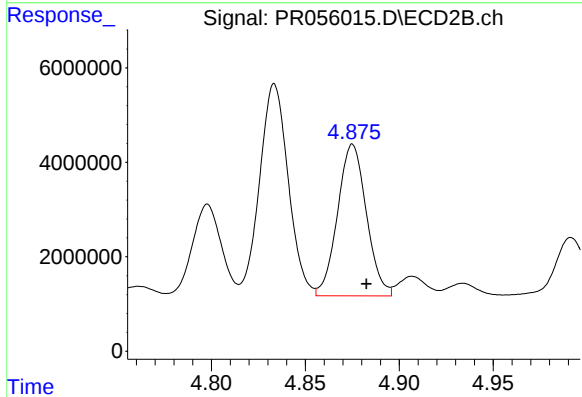
R.T.: 4.466 min
Delta R.T.: -0.008 min
Response: 32209275
Conc: 474.64 ng/ml



#25 AR-1248-5

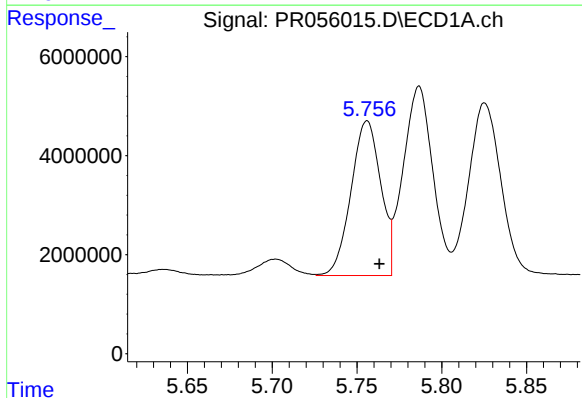
R.T.: 5.826 min
Delta R.T.: -0.007 min
Response: 47182406
Conc: 483.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



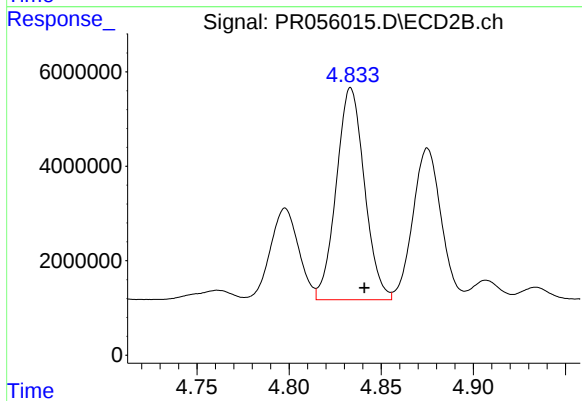
#25 AR-1248-5

R.T.: 4.875 min
Delta R.T.: -0.007 min
Response: 34353596
Conc: 481.69 ng/ml



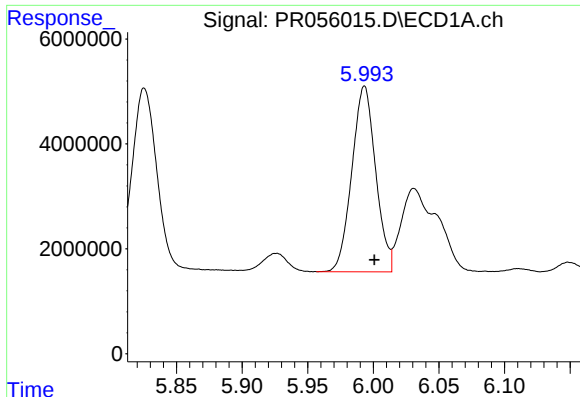
#26 AR-1254-1

R.T.: 5.756 min
Delta R.T.: -0.007 min
Response: 38092580
Conc: 371.94 ng/ml



#26 AR-1254-1

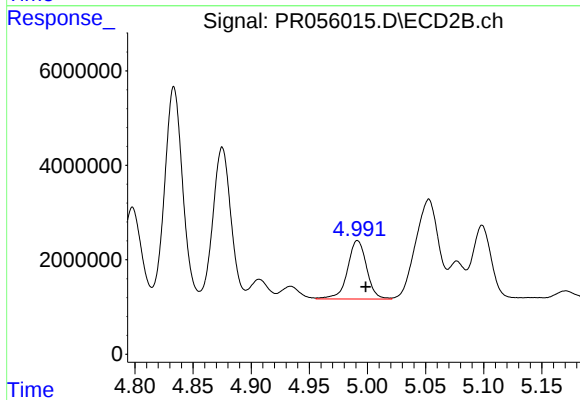
R.T.: 4.834 min
Delta R.T.: -0.007 min
Response: 47723644
Conc: 436.77 ng/ml



#27 AR-1254-2

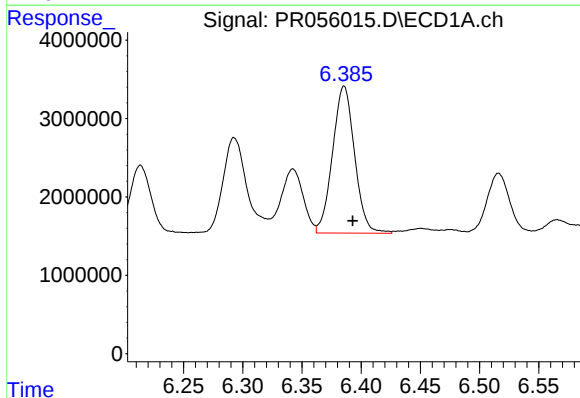
R.T.: 5.993 min
Delta R.T.: -0.008 min
Response: 44686509
Conc: 303.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



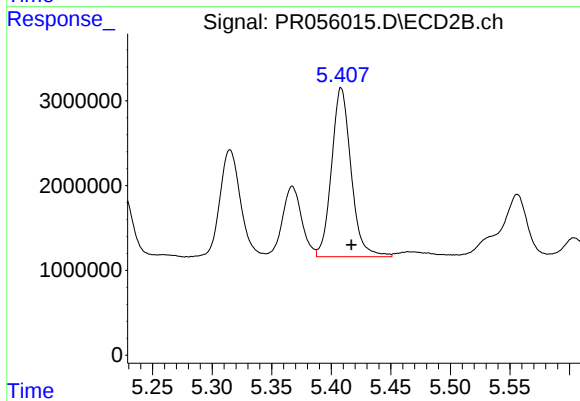
#27 AR-1254-2

R.T.: 4.991 min
Delta R.T.: -0.007 min
Response: 14189293
Conc: 146.54 ng/ml



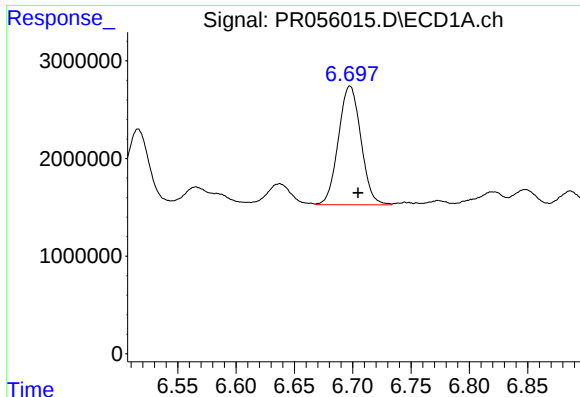
#28 AR-1254-3

R.T.: 6.386 min
Delta R.T.: -0.007 min
Response: 24308107
Conc: 165.92 ng/ml



#28 AR-1254-3

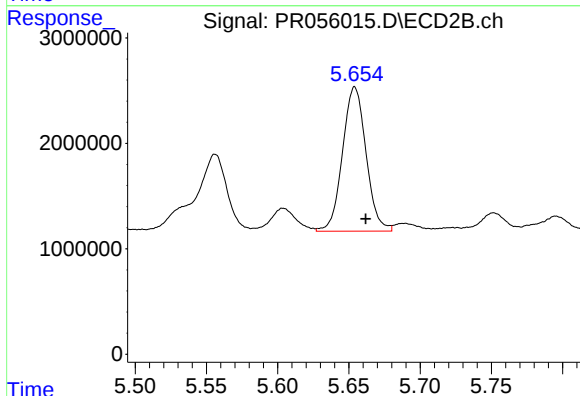
R.T.: 5.408 min
Delta R.T.: -0.009 min
Response: 22720566
Conc: 149.16 ng/ml



#29 AR-1254-4

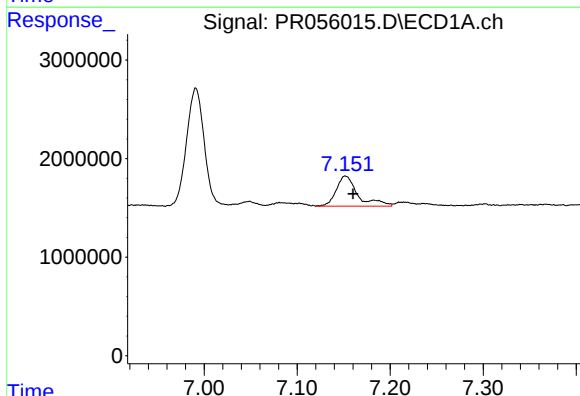
R.T.: 6.698 min
Delta R.T.: -0.007 min
Response: 16327965
Conc: 157.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



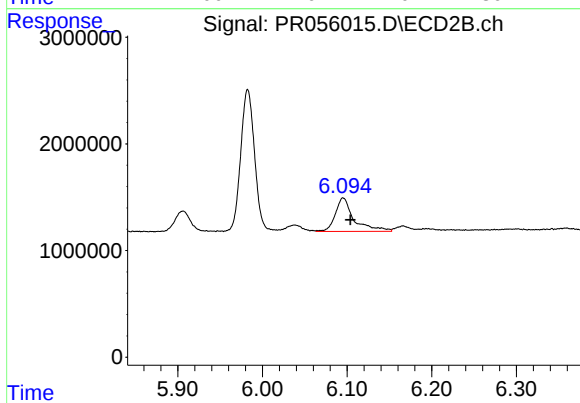
#29 AR-1254-4

R.T.: 5.654 min
Delta R.T.: -0.008 min
Response: 15711511
Conc: 159.45 ng/ml



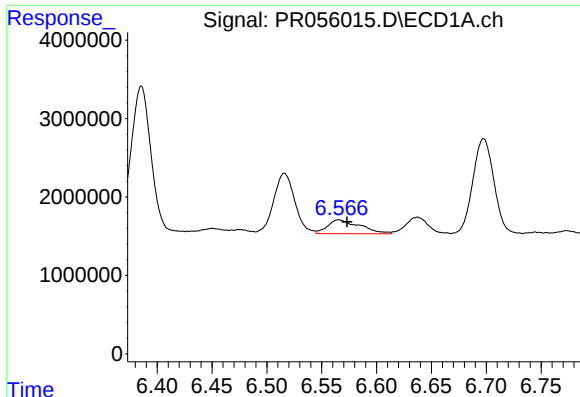
#30 AR-1254-5

R.T.: 7.152 min
Delta R.T.: -0.008 min
Response: 4967419
Conc: 45.81 ng/ml



#30 AR-1254-5

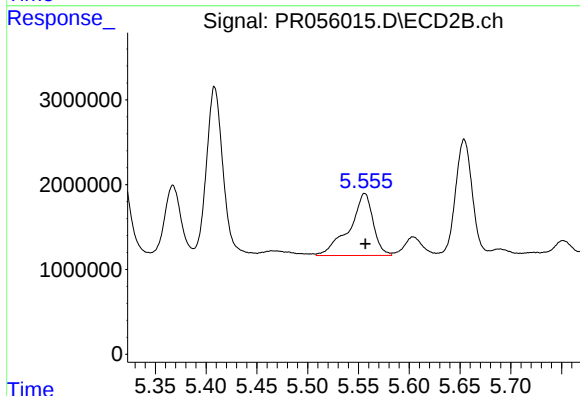
R.T.: 6.095 min
Delta R.T.: -0.009 min
Response: 4854253
Conc: 35.83 ng/ml



#31 AR-1260-1

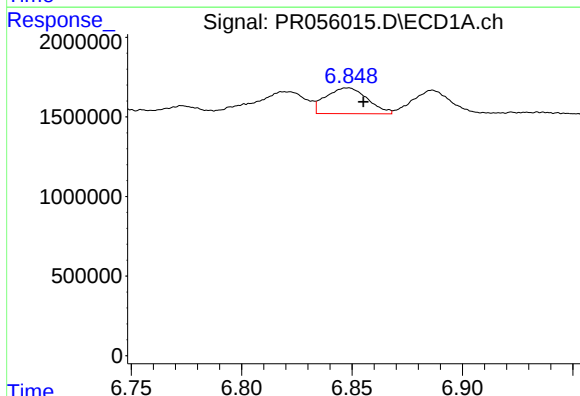
R.T.: 6.566 min
Delta R.T.: -0.007 min
Response: 3664075
Conc: 33.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



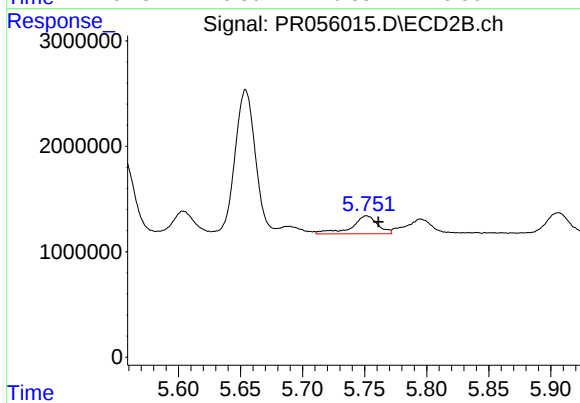
#31 AR-1260-1

R.T.: 5.556 min
Delta R.T.: 0.000 min
Response: 11896144
Conc: 118.07 ng/ml



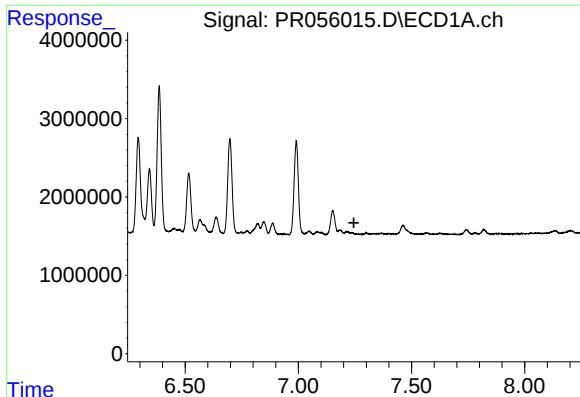
#32 AR-1260-2

R.T.: 6.848 min
Delta R.T.: -0.007 min
Response: 2127880
Conc: 17.20 ng/ml



#32 AR-1260-2

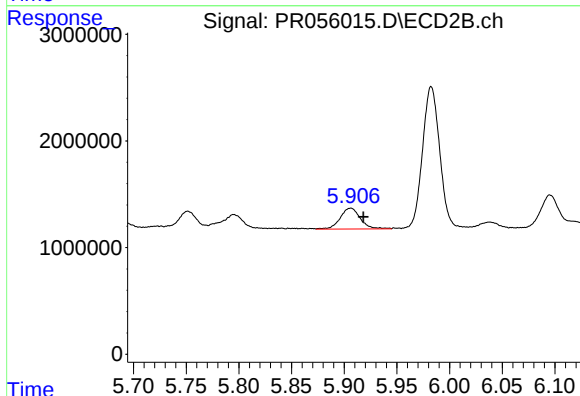
R.T.: 5.752 min
Delta R.T.: -0.009 min
Response: 2511754
Conc: 20.54 ng/ml



#33 AR-1260-3

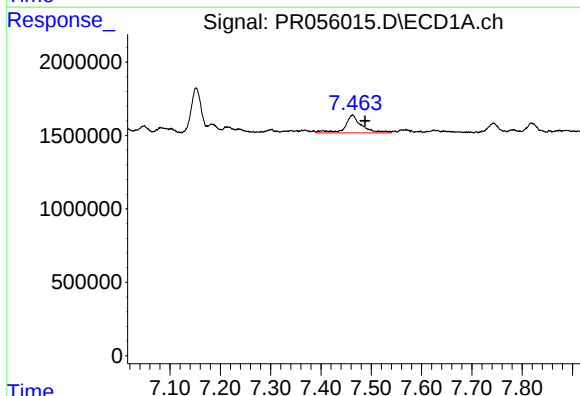
R.T.: 0.000 min
Exp R.T.: 7.246 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



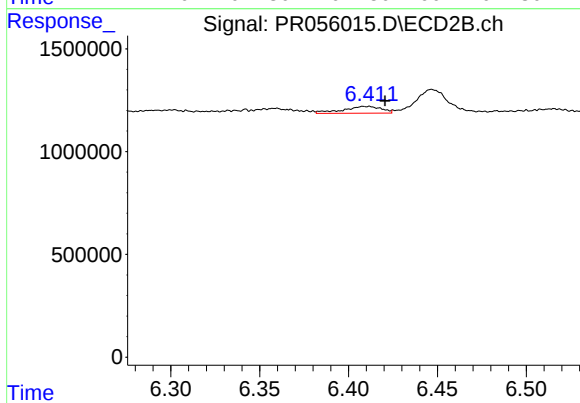
#33 AR-1260-3

R.T.: 5.906 min
Delta R.T.: -0.012 min
Response: 2609396
Conc: 23.07 ng/ml



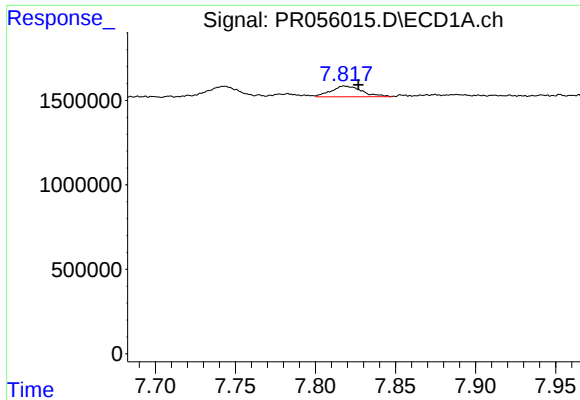
#34 AR-1260-4

R.T.: 7.463 min
Delta R.T.: -0.026 min
Response: 2819147
Conc: 27.46 ng/ml



#34 AR-1260-4

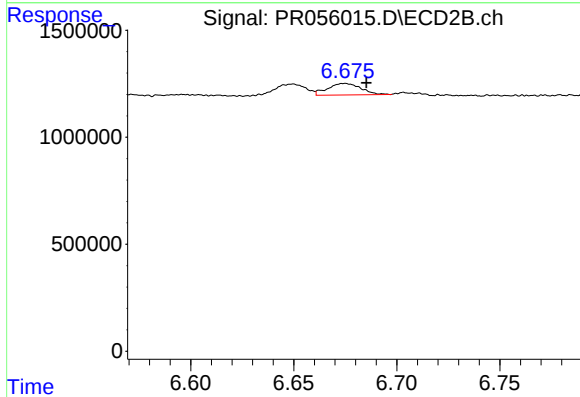
R.T.: 6.409 min
Delta R.T.: -0.011 min
Response: 498272
Conc: 5.21 ng/ml



#35 AR-1260-5

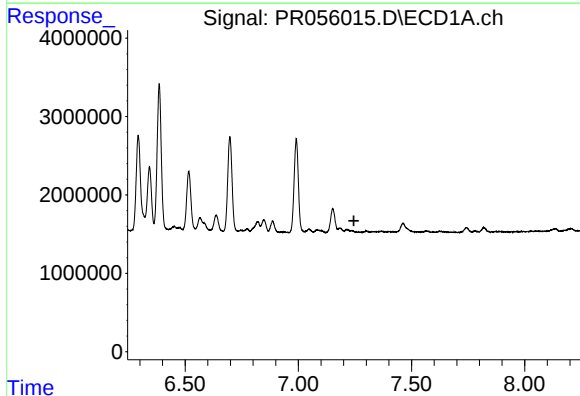
R.T.: 7.819 min
Delta R.T.: -0.008 min
Response: 853515
Conc: 4.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



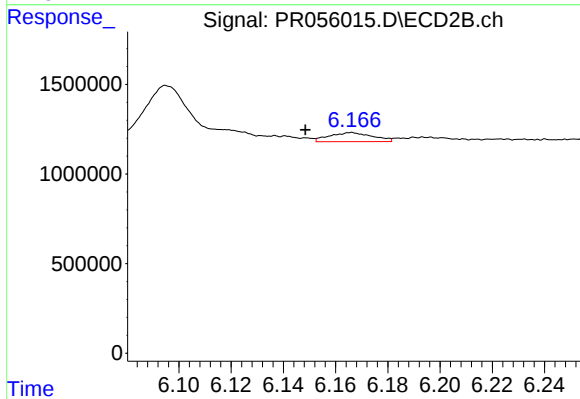
#35 AR-1260-5

R.T.: 6.675 min
Delta R.T.: -0.011 min
Response: 607748
Conc: 2.71 ng/ml



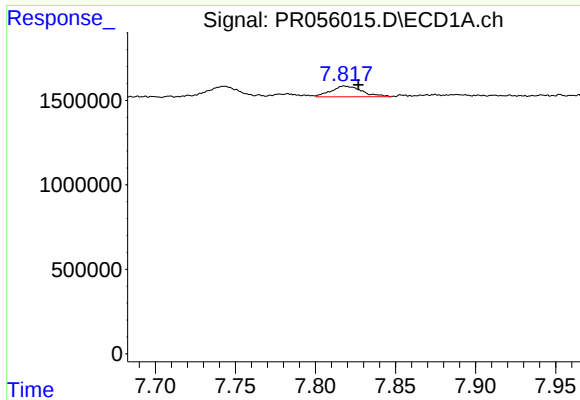
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.245 min
Response: 0
Conc: N.D.



#36 AR-1262-1

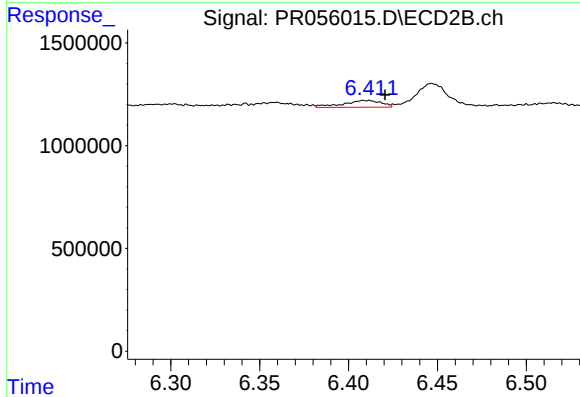
R.T.: 6.166 min
Delta R.T.: 0.018 min
Response: 580671
Conc: 4.32 ng/ml



#37 AR-1262-2

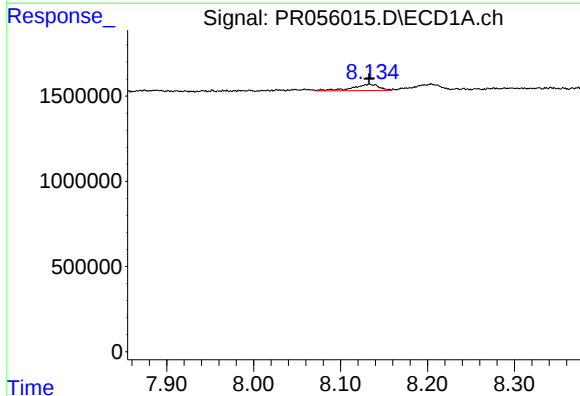
R.T.: 7.819 min
Delta R.T.: -0.008 min
Response: 853515
Conc: 4.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



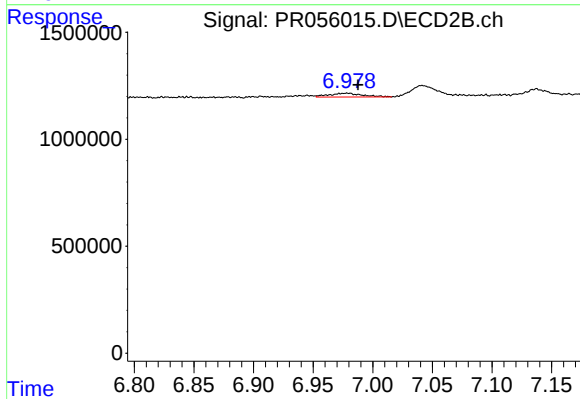
#37 AR-1262-2

R.T.: 6.409 min
Delta R.T.: -0.011 min
Response: 498272
Conc: 4.08 ng/ml



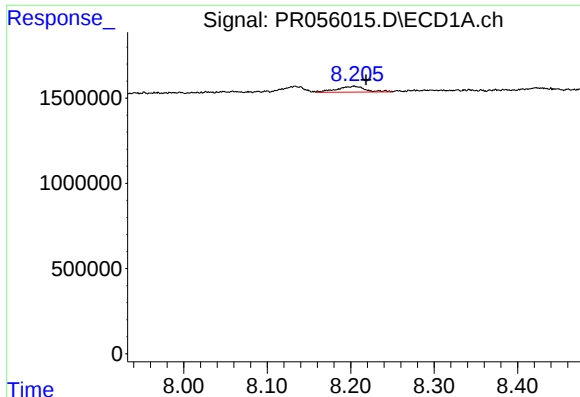
#38 AR-1262-3

R.T.: 8.133 min
Delta R.T.: 0.000 min
Response: 788402
Conc: 5.35 ng/ml



#38 AR-1262-3

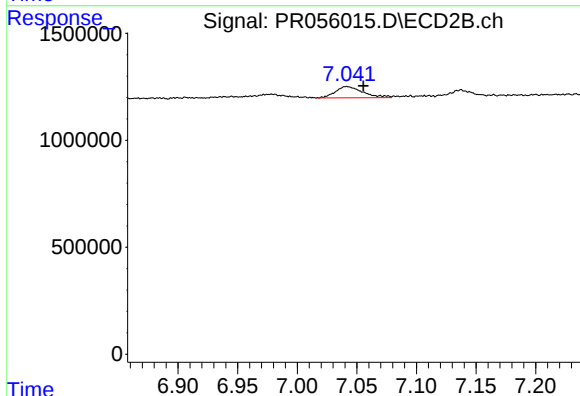
R.T.: 6.979 min
Delta R.T.: -0.009 min
Response: 348827
Conc: 3.62 ng/ml



#39 AR-1262-4

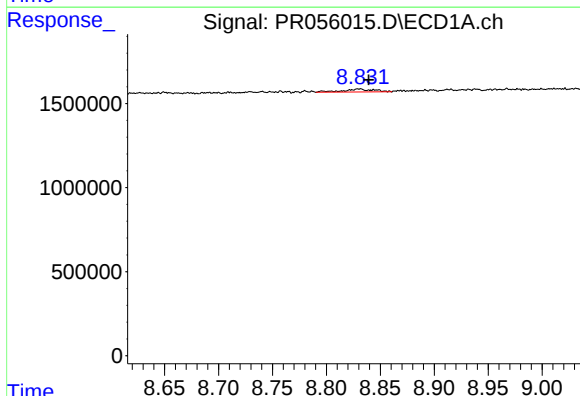
R.T.: 8.204 min
Delta R.T.: -0.014 min
Response: 814522
Conc: 12.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



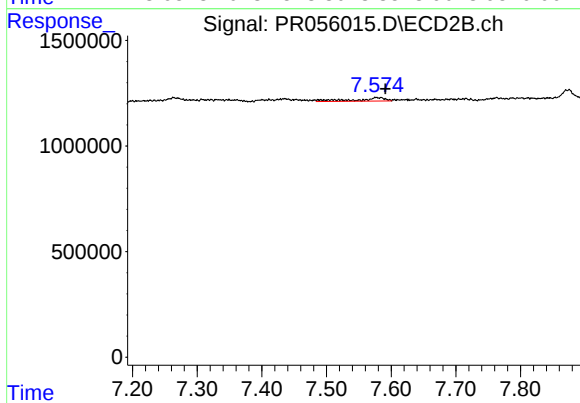
#39 AR-1262-4

R.T.: 7.042 min
Delta R.T.: -0.014 min
Response: 858208
Conc: 4.72 ng/ml



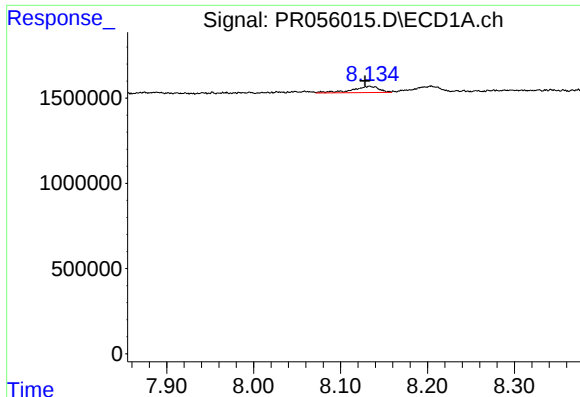
#40 AR-1262-5

R.T.: 8.830 min
Delta R.T.: -0.009 min
Response: 349636
Conc: 4.41 ng/ml



#40 AR-1262-5

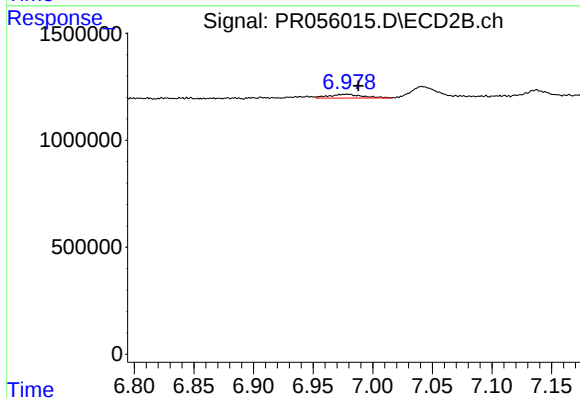
R.T.: 7.577 min
Delta R.T.: -0.014 min
Response: 501346
Conc: 5.85 ng/ml



#41 AR-1268-1

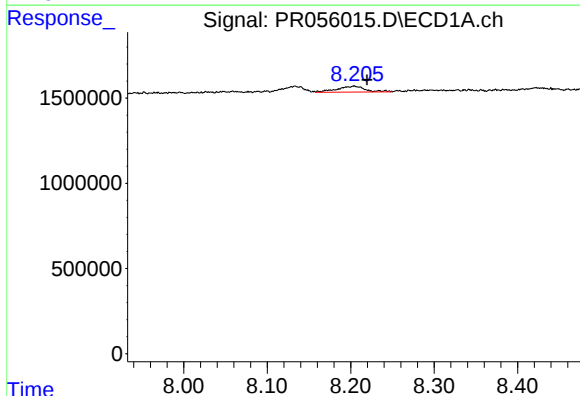
R.T.: 8.133 min
Delta R.T.: 0.005 min
Response: 788402
Conc: 3.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



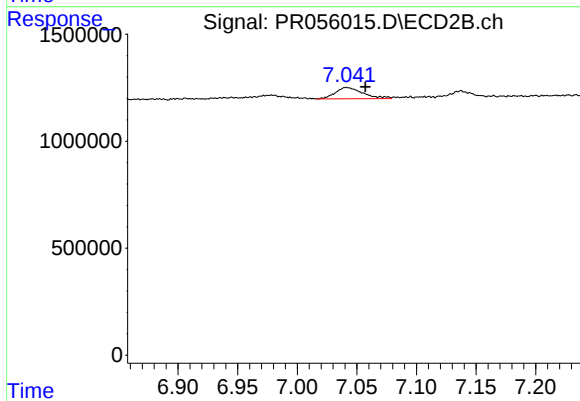
#41 AR-1268-1

R.T.: 6.979 min
Delta R.T.: -0.009 min
Response: 348827
Conc: 1.24 ng/ml



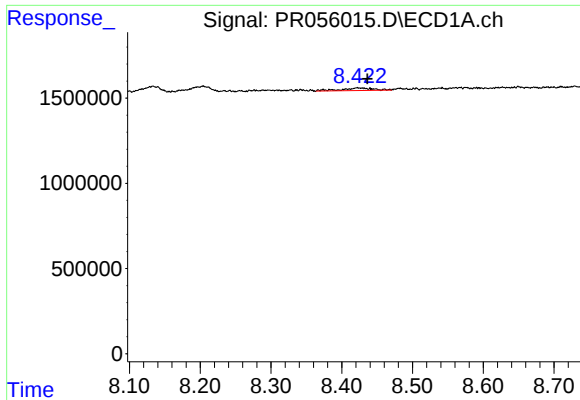
#42 AR-1268-2

R.T.: 8.204 min
Delta R.T.: -0.016 min
Response: 814522
Conc: 3.57 ng/ml



#42 AR-1268-2

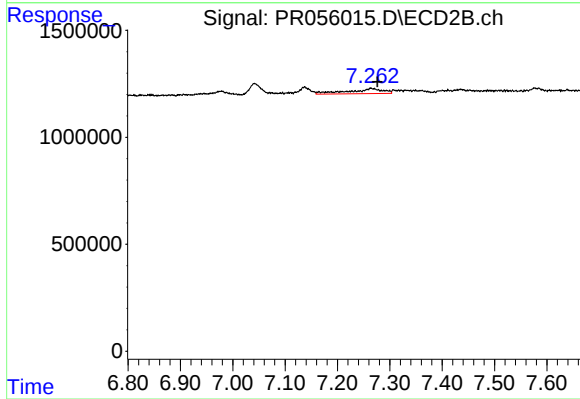
R.T.: 7.042 min
Delta R.T.: -0.016 min
Response: 858208
Conc: 3.35 ng/ml



#43 AR-1268-3

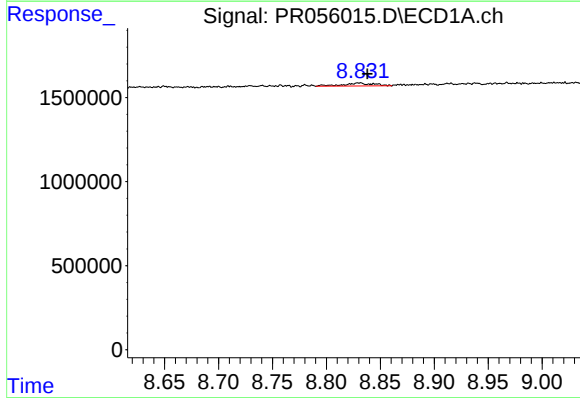
R.T.: 8.423 min
Delta R.T.: -0.014 min
Response: 479227
Conc: 2.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



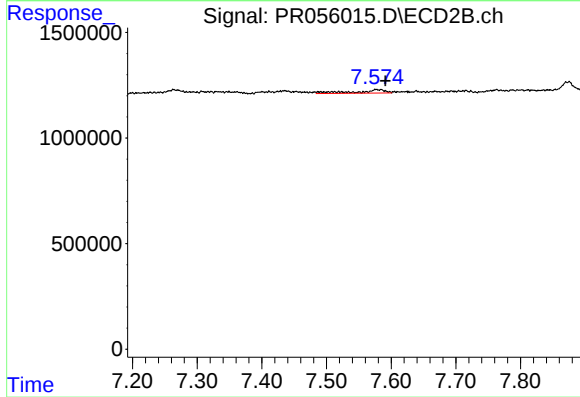
#43 AR-1268-3

R.T.: 7.264 min
Delta R.T.: -0.013 min
Response: 1072041
Conc: 4.98 ng/ml



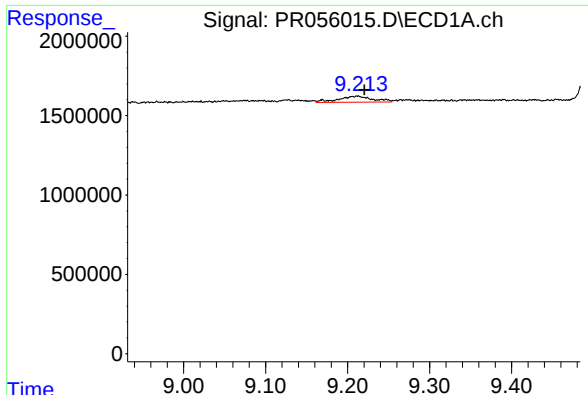
#44 AR-1268-4

R.T.: 8.830 min
Delta R.T.: -0.008 min
Response: 349636
Conc: 3.96 ng/ml



#44 AR-1268-4

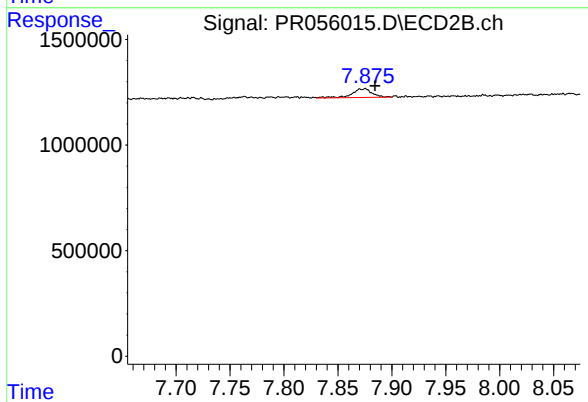
R.T.: 7.577 min
Delta R.T.: -0.015 min
Response: 501346
Conc: 5.28 ng/ml



#45 AR-1268-5

R.T.: 9.211 min
Delta R.T.: -0.009 min
Response: 1099975
Conc: 1.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.875 min
Delta R.T.: -0.009 min
Response: 531293
Conc: 0.78 ng/ml