

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121319\
 Data File : PR043811.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Dec 2019 19:44
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660374

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 13 23:48:13 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR120419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 07 03:51:56 2019
 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...	4.703	3.962	139.4E6	180.9E6	25.073	23.413
2)	SA Decachlor...	10.610	9.053	141.1E6	260.5E6	37.478	26.324 #
Target Compounds							
3)	L1 AR-1016-1	5.880	5.055	86557773	168.4E6	447.041	413.015
4)	L1 AR-1016-2	5.903	5.075	121.8E6	235.8E6	444.851	422.192
5)	L1 AR-1016-3	5.966	5.253	72262122	120.7E6	438.789	403.849
6)	L1 AR-1016-4	6.066	5.293	61429310	94328088	446.048	392.156
7)	L1 AR-1016-5	6.359	5.510	57693365	127.5E6	417.526	401.410
8)	L2 AR-1221-1	4.907	4.172	8495448	9923003	148.091	116.390
9)	L2 AR-1221-2	4.999	4.262	10321124	13758072	252.556	224.738
10)	L2 AR-1221-3	5.078	4.338	42327749	67132274	307.973	307.284
11)	L3 AR-1232-1	5.078	4.338	42327749	67132274	393.783	397.959
12)	L3 AR-1232-2	5.612	5.075	58825377	235.8E6	1062.867	1010.619
13)	L3 AR-1232-3	5.903	5.253	121.8E6	120.7E6	1074.174	985.952
14)	L3 AR-1232-4	6.066	5.337	61429310	113.2E6	1056.849	1066.610
15)	L3 AR-1232-5	6.152	5.510	52219318	127.5E6	1169.546	1064.473
16)	L4 AR-1242-1	5.880	5.055	86557773	168.4E6	532.480	509.269
17)	L4 AR-1242-2	5.903	5.075	121.8E6	235.8E6	533.960	515.858
18)	L4 AR-1242-3	5.966	5.253	72262122	120.7E6	525.355	495.058
19)	L4 AR-1242-4	6.066	5.337	61429310	113.2E6	535.156	480.615
20)	L4 AR-1242-5	6.804	5.863	8239592	108.1E6	64.777	317.006 #
21)	L5 AR-1248-1	5.880	5.055	86557773	168.4E6	729.257	688.126
22)	L5 AR-1248-2	6.152	5.293	52219318	94328088	320.516	290.889
23)	L5 AR-1248-3	6.359	5.337	57693365	113.2E6	317.744	343.779
24)	L5 AR-1248-4	6.804	5.510	8239592	127.5E6	39.360	307.429 #
25)	L5 AR-1248-5	6.804	5.902	8239592	12269883	41.502	27.607 #
26)	L6 AR-1254-1	6.738	5.863	54366639	108.1E6	248.737	151.678 #
27)	L6 AR-1254-2	6.953	6.009	37706967	79127531	111.820	123.707
28)	L6 AR-1254-3	7.325	6.430	33857014	182.4E6	96.797	180.236 #
29)	L6 AR-1254-4	7.610	6.643	13280540	21701560	53.147	30.138 #
30)	L6 AR-1254-5	8.029	7.061	109.0E6	236.3E6	422.788	277.385 #
31)	L7 AR-1260-1	7.486	6.546	97515551	191.0E6	391.330	281.904 #
32)	L7 AR-1260-2	7.742	6.732	97752491	267.4E6	329.025	275.960
33)	L7 AR-1260-3	8.103	6.888	69401251	215.7E6	313.261	276.261
34)	L7 AR-1260-4	8.342	7.360	82950570	158.4E6	329.775	249.745
35)	L7 AR-1260-5	8.678	7.601	156.5E6	434.6E6	324.497	255.327
36)	L8 AR-1262-1	8.163	7.061	35229274	236.3E6	264.631	477.865 #
37)	L8 AR-1262-2	8.678	7.601	156.5E6	434.6E6	274.715	228.425
38)	L8 AR-1262-3	9.029	7.884	94887514	98048051	262.090	128.539 #
39)	L8 AR-1262-4	9.086	7.949	59663022	271.4E6	224.162	218.616
40)	L8 AR-1262-5	9.806	8.464	43841930	102.1E6	232.822	179.061
41)	L9 AR-1268-1	9.029	7.884	94887514	98048051	148.279	45.688 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121319\
 Data File : PR043811.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Dec 2019 19:44
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

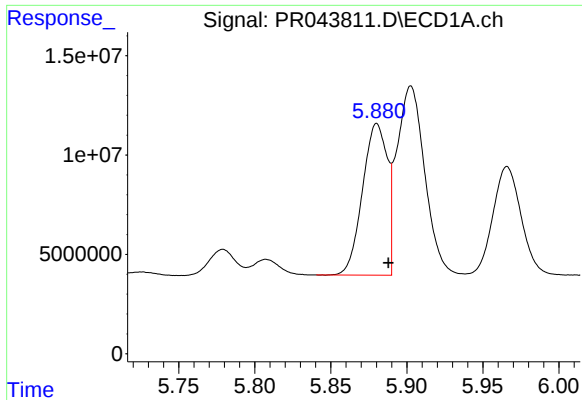
Instrument :
 ECD_R
 ClientSampleId :
 AR1660374

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 13 23:48:13 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR120419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 07 03:51:56 2019
 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
42) L9	AR-1268-2	9.086	7.949	59663022	271.4E6	103.550	149.570 #
43) L9	AR-1268-3	9.349	8.160	2641111	4815544	5.610	3.128 #
44) L9	AR-1268-4	9.806	8.464	43841930	102.1E6	214.576	166.423
45) L9	AR-1268-5	10.248	8.777	12666832	41820959	8.100	9.884

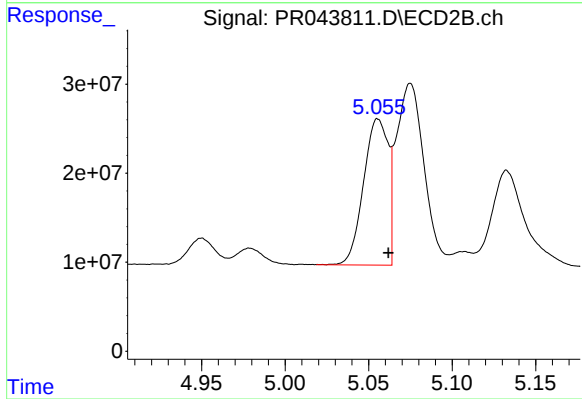
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

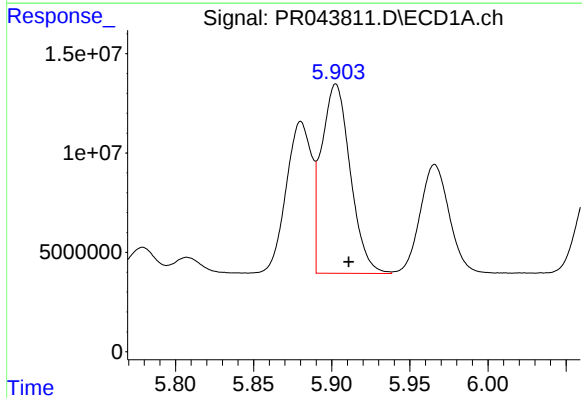
R.T.: 5.880 min
Delta R.T.: -0.008 min
Response: 86557773
Conc: 447.04 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660374



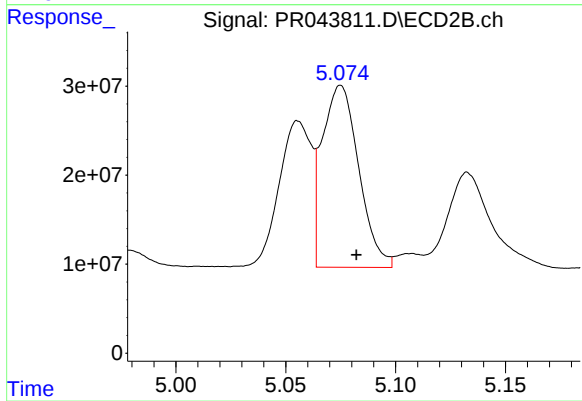
#3 AR-1016-1

R.T.: 5.055 min
Delta R.T.: -0.006 min
Response: 168384190
Conc: 413.01 ng/ml



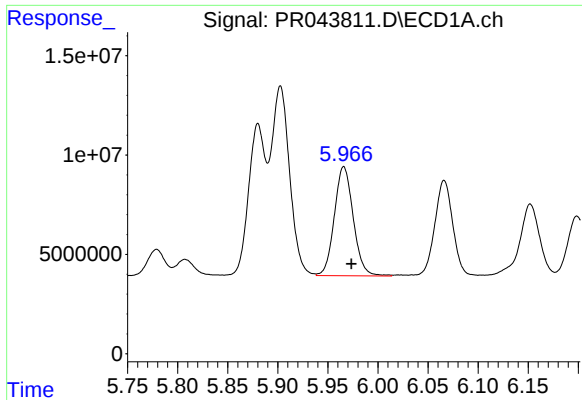
#4 AR-1016-2

R.T.: 5.903 min
Delta R.T.: -0.008 min
Response: 121805946
Conc: 444.85 ng/ml



#4 AR-1016-2

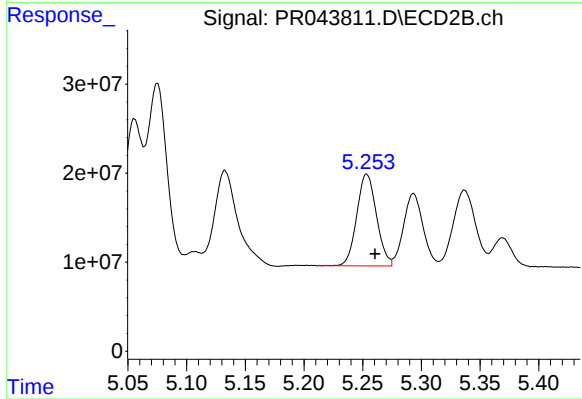
R.T.: 5.075 min
Delta R.T.: -0.007 min
Response: 235823339
Conc: 422.19 ng/ml



#5 AR-1016-3

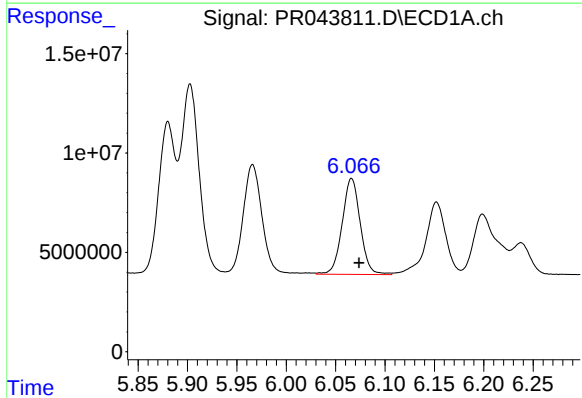
R.T.: 5.966 min
Delta R.T.: -0.008 min
Response: 72262122
Conc: 438.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660374



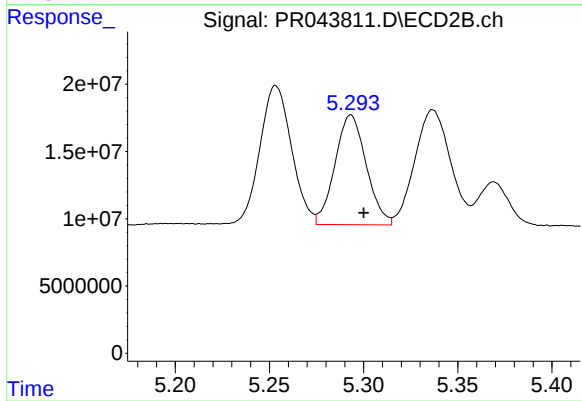
#5 AR-1016-3

R.T.: 5.253 min
Delta R.T.: -0.007 min
Response: 120653243
Conc: 403.85 ng/ml



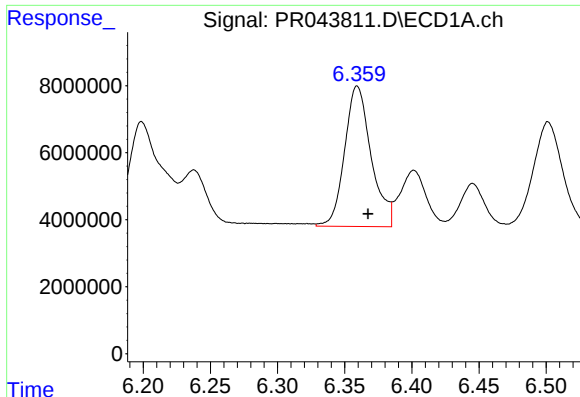
#6 AR-1016-4

R.T.: 6.066 min
Delta R.T.: -0.008 min
Response: 61429310
Conc: 446.05 ng/ml



#6 AR-1016-4

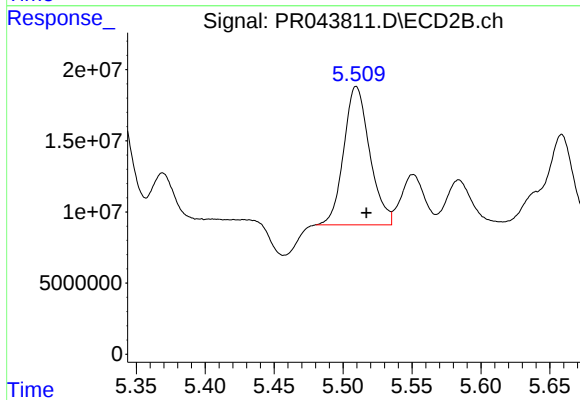
R.T.: 5.293 min
Delta R.T.: -0.007 min
Response: 94328088
Conc: 392.16 ng/ml



#7 AR-1016-5

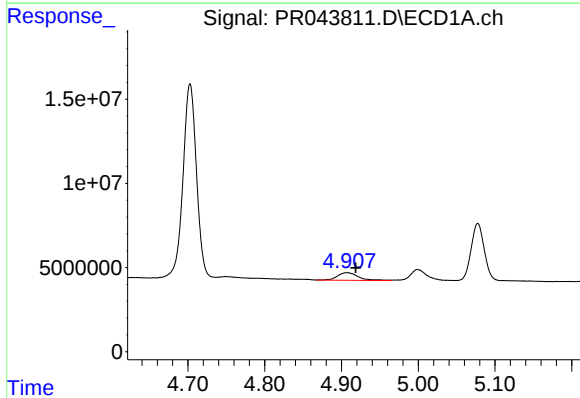
R.T.: 6.359 min
Delta R.T.: -0.008 min
Response: 57693365
Conc: 417.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660374



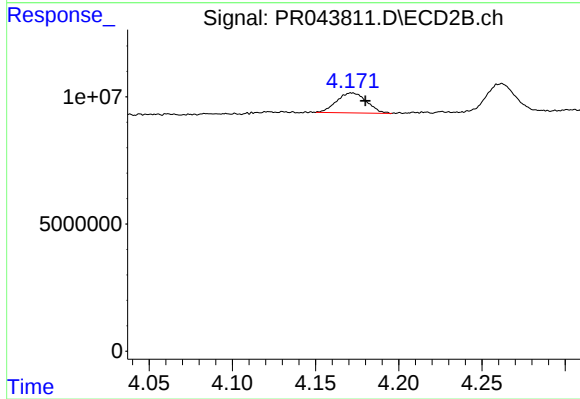
#7 AR-1016-5

R.T.: 5.510 min
Delta R.T.: -0.007 min
Response: 127458794
Conc: 401.41 ng/ml



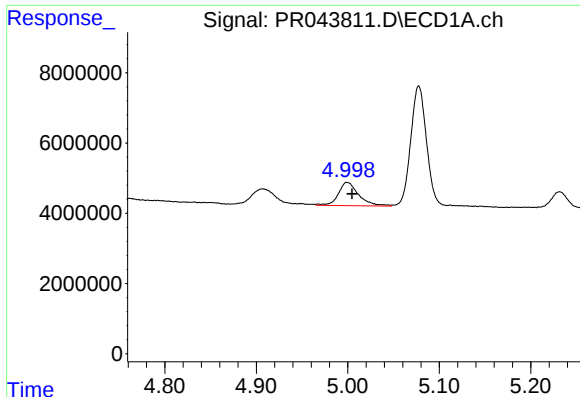
#8 AR-1221-1

R.T.: 4.907 min
Delta R.T.: -0.012 min
Response: 8495448
Conc: 148.09 ng/ml



#8 AR-1221-1

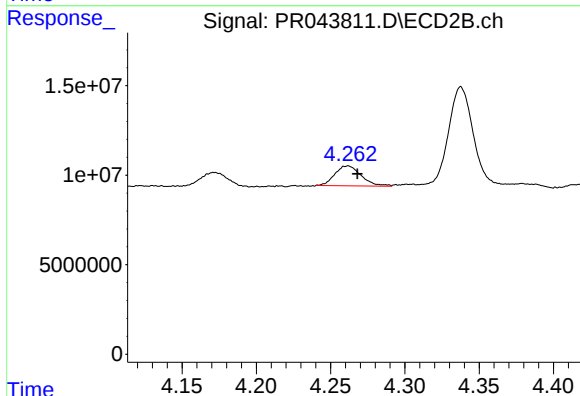
R.T.: 4.172 min
Delta R.T.: -0.008 min
Response: 9923003
Conc: 116.39 ng/ml



#9 AR-1221-2

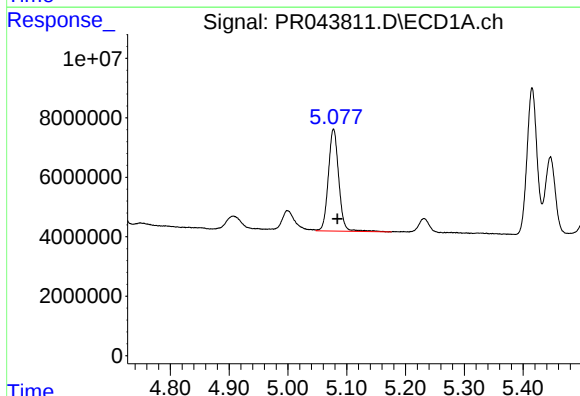
R.T.: 4.999 min
Delta R.T.: -0.005 min
Response: 10321124
Conc: 252.56 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660374



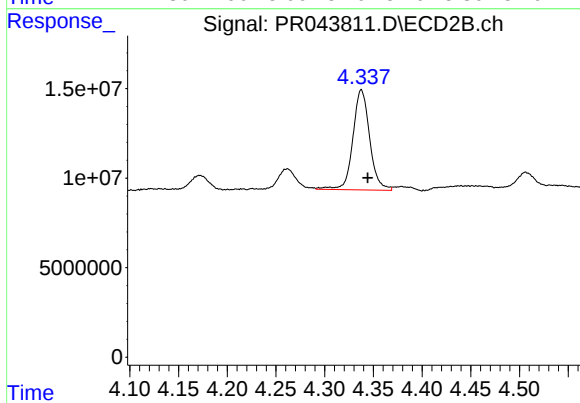
#9 AR-1221-2

R.T.: 4.262 min
Delta R.T.: -0.006 min
Response: 13758072
Conc: 224.74 ng/ml



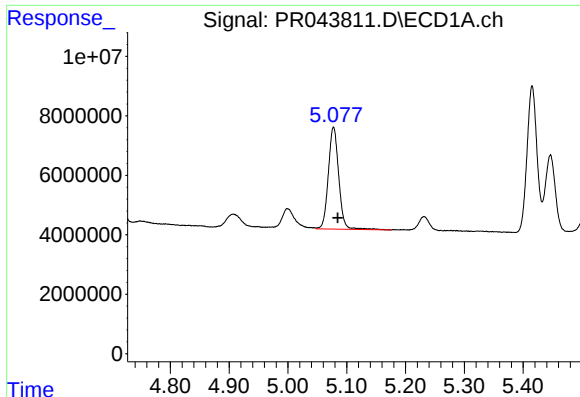
#10 AR-1221-3

R.T.: 5.078 min
Delta R.T.: -0.006 min
Response: 42327749
Conc: 307.97 ng/ml



#10 AR-1221-3

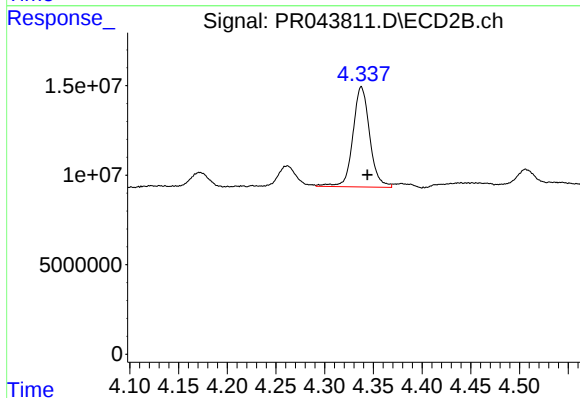
R.T.: 4.338 min
Delta R.T.: -0.007 min
Response: 67132274
Conc: 307.28 ng/ml



#11 AR-1232-1

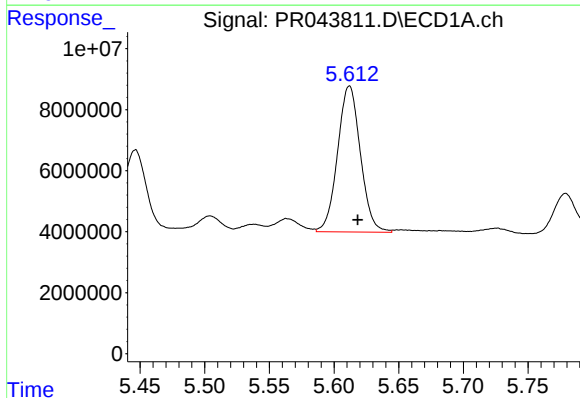
R.T.: 5.078 min
Delta R.T.: -0.007 min
Response: 42327749
Conc: 393.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660374



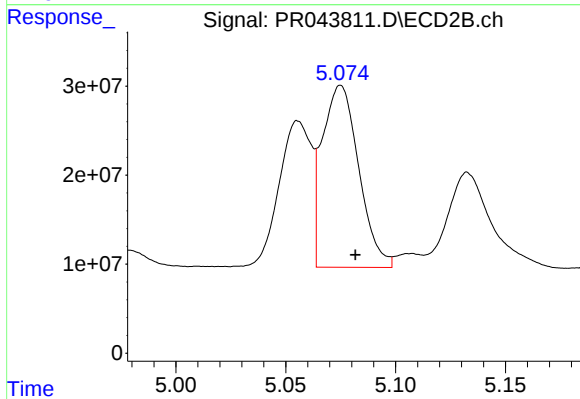
#11 AR-1232-1

R.T.: 4.338 min
Delta R.T.: -0.006 min
Response: 67132274
Conc: 397.96 ng/ml



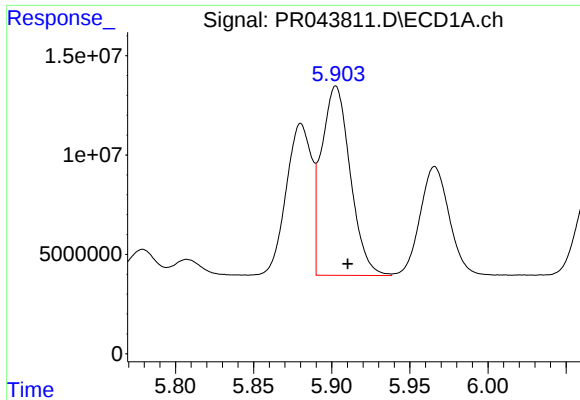
#12 AR-1232-2

R.T.: 5.612 min
Delta R.T.: -0.006 min
Response: 58825377
Conc: 1062.87 ng/ml



#12 AR-1232-2

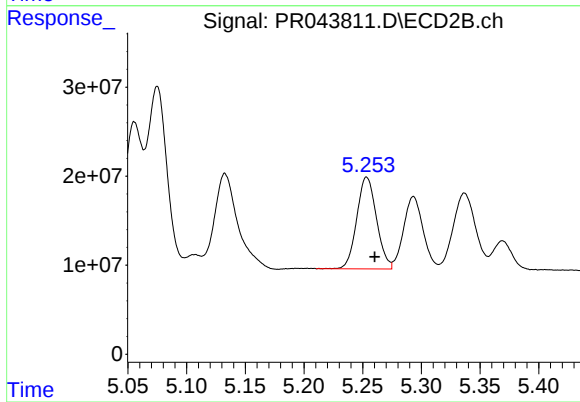
R.T.: 5.075 min
Delta R.T.: -0.007 min
Response: 235823339
Conc: 1010.62 ng/ml



#13 AR-1232-3

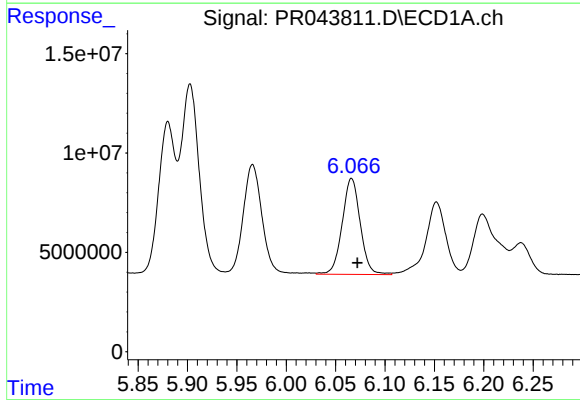
R.T.: 5.903 min
Delta R.T.: -0.008 min
Response: 121805946
Conc: 1074.17 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660374



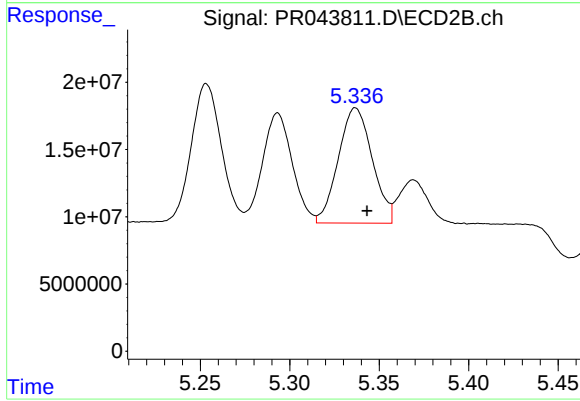
#13 AR-1232-3

R.T.: 5.253 min
Delta R.T.: -0.007 min
Response: 120653243
Conc: 985.95 ng/ml



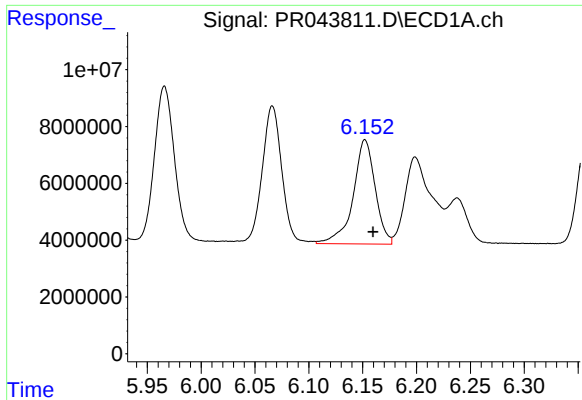
#14 AR-1232-4

R.T.: 6.066 min
Delta R.T.: -0.006 min
Response: 61429310
Conc: 1056.85 ng/ml



#14 AR-1232-4

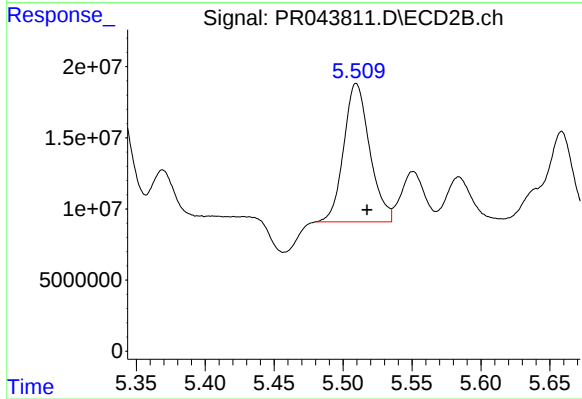
R.T.: 5.337 min
Delta R.T.: -0.006 min
Response: 113221227
Conc: 1066.61 ng/ml



#15 AR-1232-5

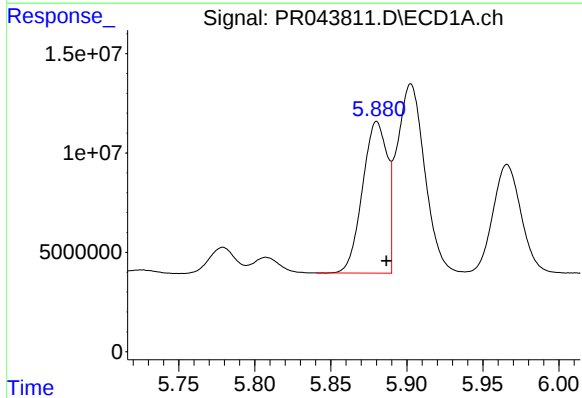
R.T.: 6.152 min
Delta R.T.: -0.007 min
Response: 52219318
Conc: 1169.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660374



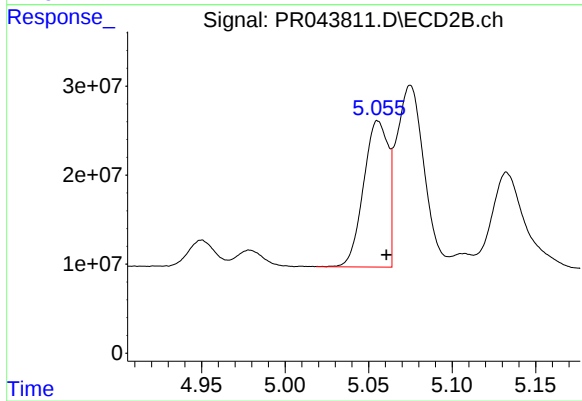
#15 AR-1232-5

R.T.: 5.510 min
Delta R.T.: -0.008 min
Response: 127458794
Conc: 1064.47 ng/ml



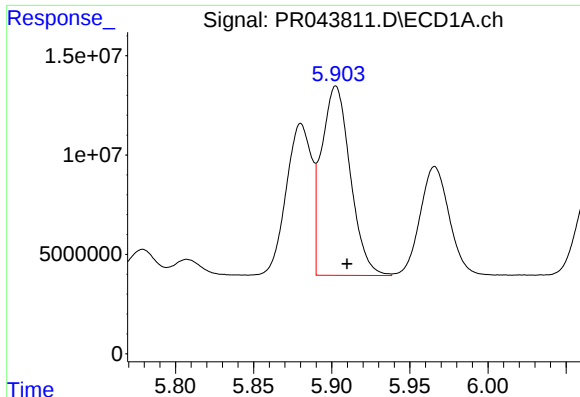
#16 AR-1242-1

R.T.: 5.880 min
Delta R.T.: -0.006 min
Response: 86557773
Conc: 532.48 ng/ml



#16 AR-1242-1

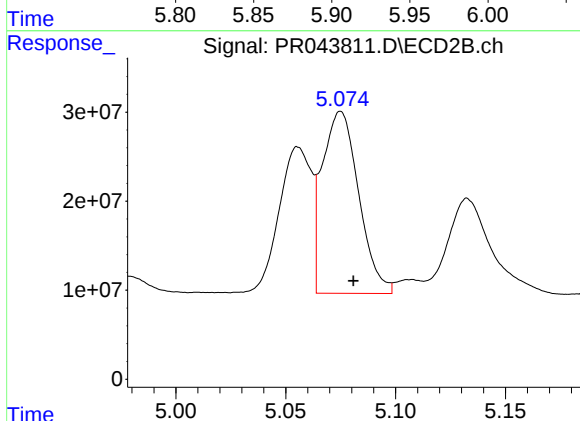
R.T.: 5.055 min
Delta R.T.: -0.005 min
Response: 168384190
Conc: 509.27 ng/ml



#17 AR-1242-2

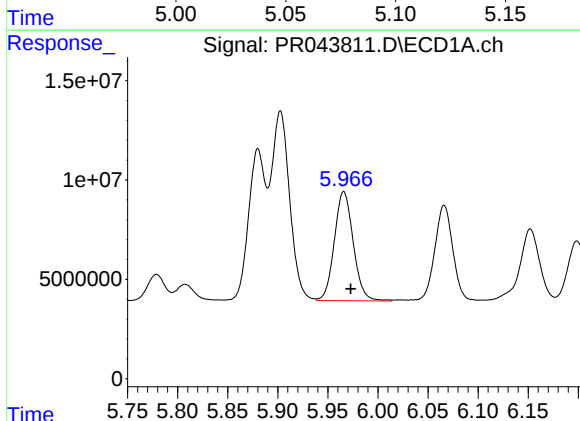
R.T.: 5.903 min
Delta R.T.: -0.007 min
Response: 121805946
Conc: 533.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660374



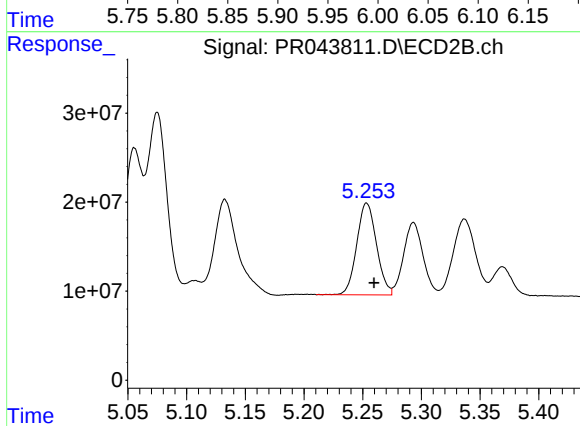
#17 AR-1242-2

R.T.: 5.075 min
Delta R.T.: -0.006 min
Response: 235823339
Conc: 515.86 ng/ml



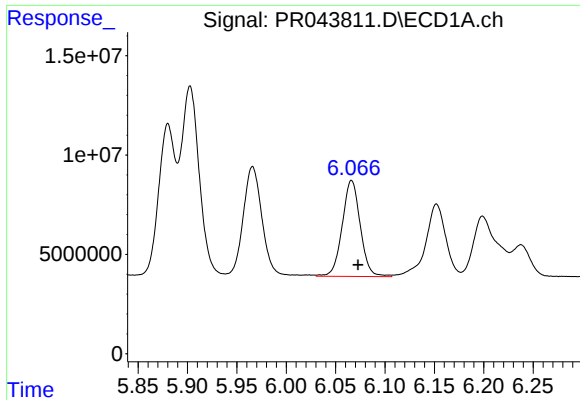
#18 AR-1242-3

R.T.: 5.966 min
Delta R.T.: -0.007 min
Response: 72262122
Conc: 525.36 ng/ml



#18 AR-1242-3

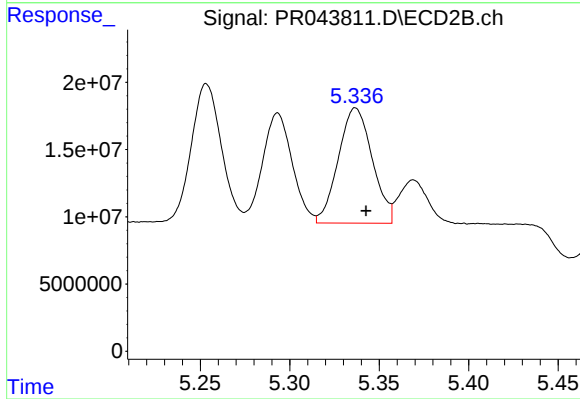
R.T.: 5.253 min
Delta R.T.: -0.007 min
Response: 120653243
Conc: 495.06 ng/ml



#19 AR-1242-4

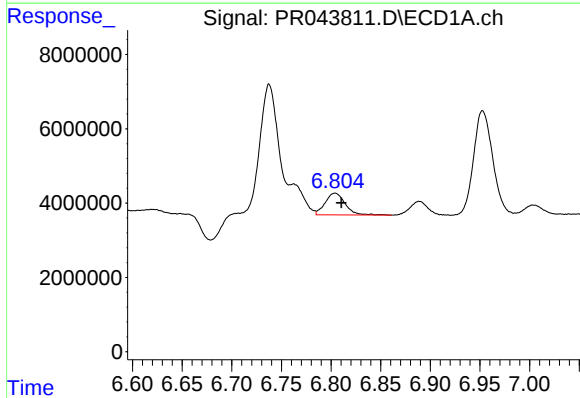
R.T.: 6.066 min
Delta R.T.: -0.007 min
Response: 61429310
Conc: 535.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660374



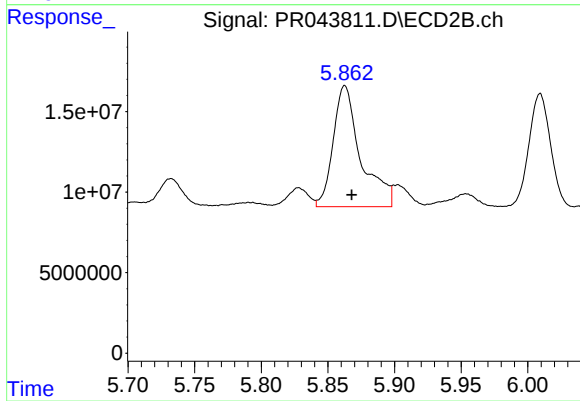
#19 AR-1242-4

R.T.: 5.337 min
Delta R.T.: -0.006 min
Response: 113221227
Conc: 480.62 ng/ml



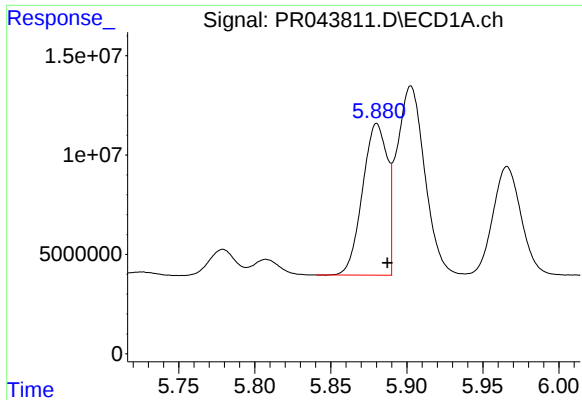
#20 AR-1242-5

R.T.: 6.804 min
Delta R.T.: -0.007 min
Response: 8239592
Conc: 64.78 ng/ml



#20 AR-1242-5

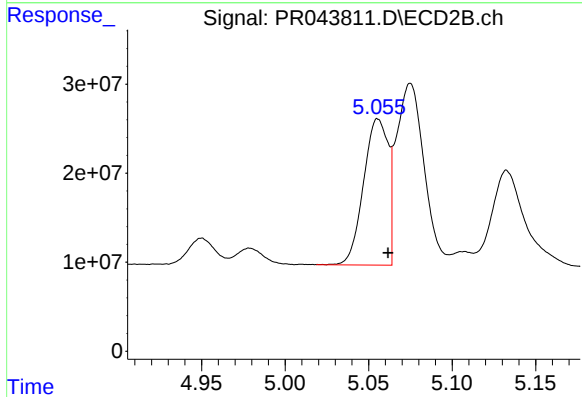
R.T.: 5.863 min
Delta R.T.: -0.005 min
Response: 108065562
Conc: 317.01 ng/ml



#21 AR-1248-1

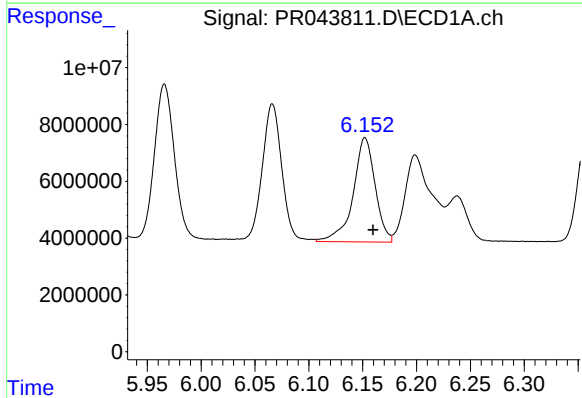
R.T.: 5.880 min
Delta R.T.: -0.007 min
Response: 86557773
Conc: 729.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660374



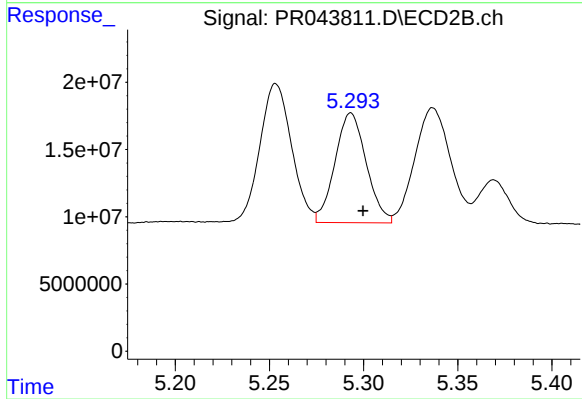
#21 AR-1248-1

R.T.: 5.055 min
Delta R.T.: -0.006 min
Response: 168384190
Conc: 688.13 ng/ml



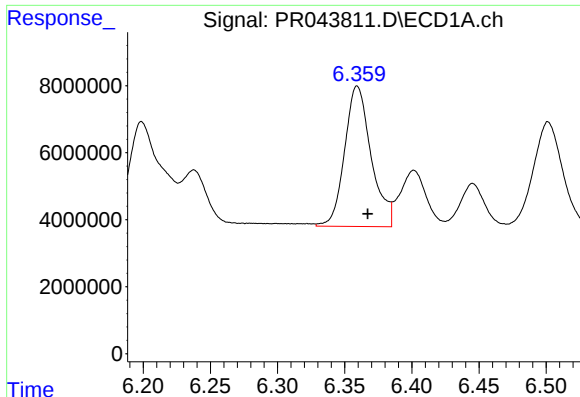
#22 AR-1248-2

R.T.: 6.152 min
Delta R.T.: -0.007 min
Response: 52219318
Conc: 320.52 ng/ml



#22 AR-1248-2

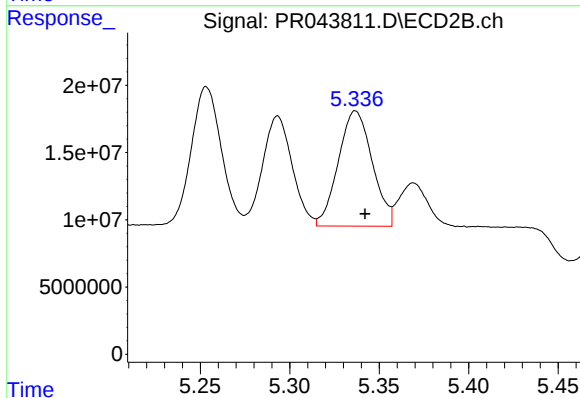
R.T.: 5.293 min
Delta R.T.: -0.006 min
Response: 94328088
Conc: 290.89 ng/ml



#23 AR-1248-3

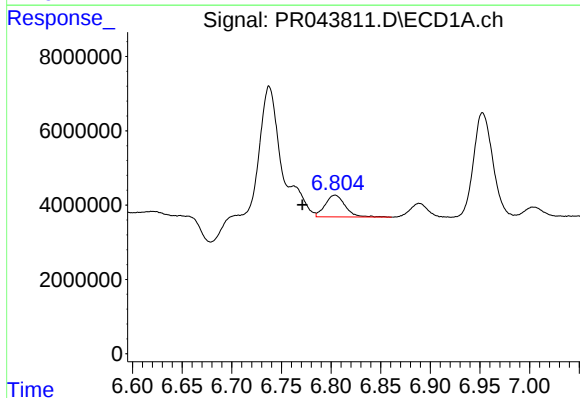
R.T.: 6.359 min
Delta R.T.: -0.008 min
Response: 57693365
Conc: 317.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660374



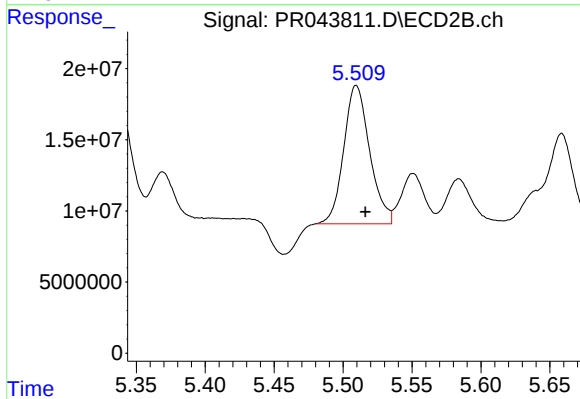
#23 AR-1248-3

R.T.: 5.337 min
Delta R.T.: -0.005 min
Response: 113221227
Conc: 343.78 ng/ml



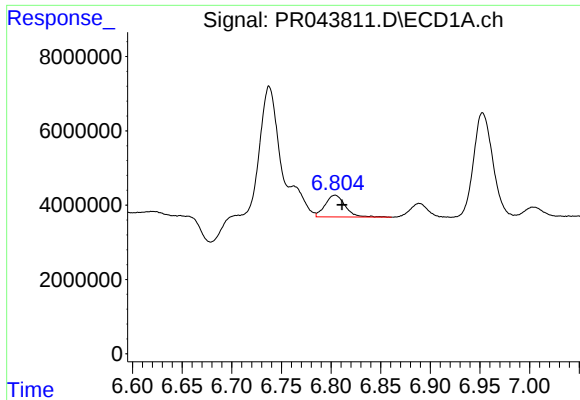
#24 AR-1248-4

R.T.: 6.804 min
Delta R.T.: 0.033 min
Response: 8239592
Conc: 39.36 ng/ml



#24 AR-1248-4

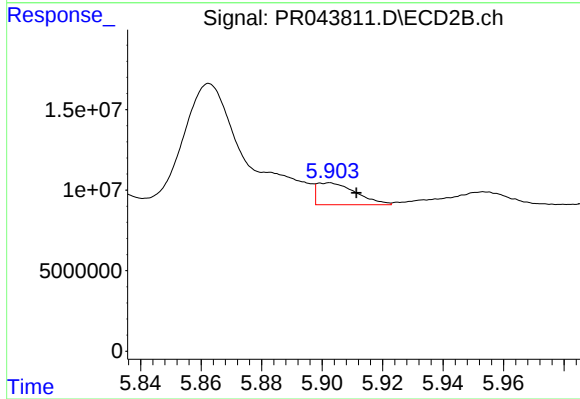
R.T.: 5.510 min
Delta R.T.: -0.007 min
Response: 127458794
Conc: 307.43 ng/ml



#25 AR-1248-5

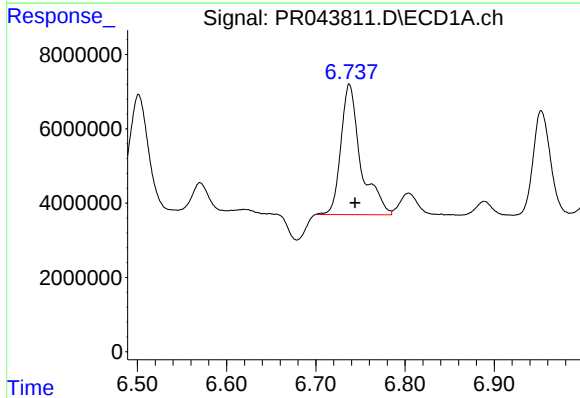
R.T.: 6.804 min
Delta R.T.: -0.007 min
Response: 8239592
Conc: 41.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660374



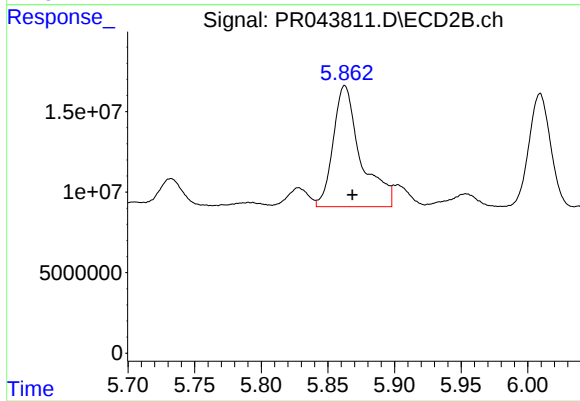
#25 AR-1248-5

R.T.: 5.902 min
Delta R.T.: -0.009 min
Response: 12269883
Conc: 27.61 ng/ml



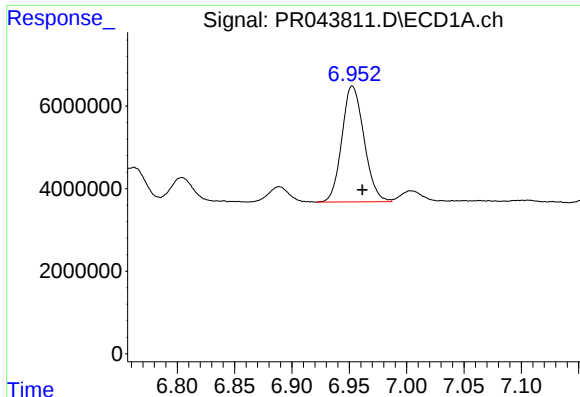
#26 AR-1254-1

R.T.: 6.738 min
Delta R.T.: -0.006 min
Response: 54366639
Conc: 248.74 ng/ml



#26 AR-1254-1

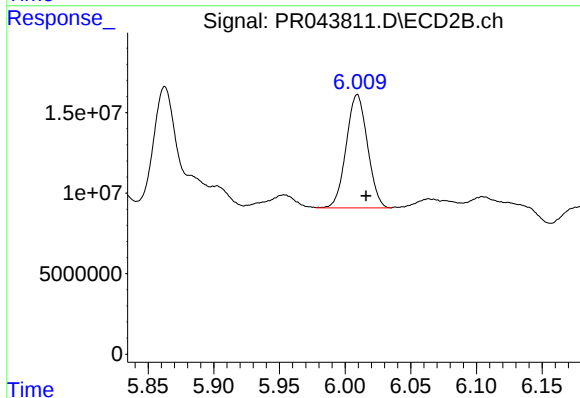
R.T.: 5.863 min
Delta R.T.: -0.006 min
Response: 108065562
Conc: 151.68 ng/ml



#27 AR-1254-2

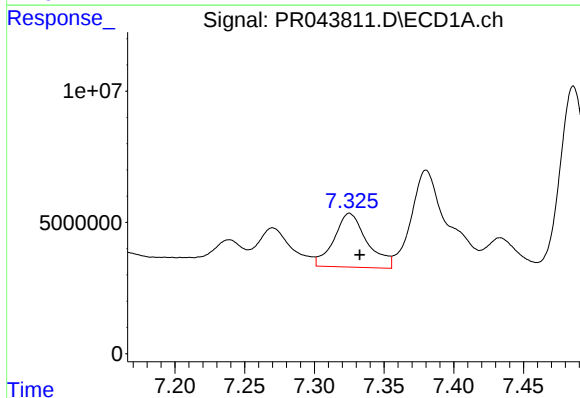
R.T.: 6.953 min
Delta R.T.: -0.009 min
Response: 37706967
Conc: 111.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660374



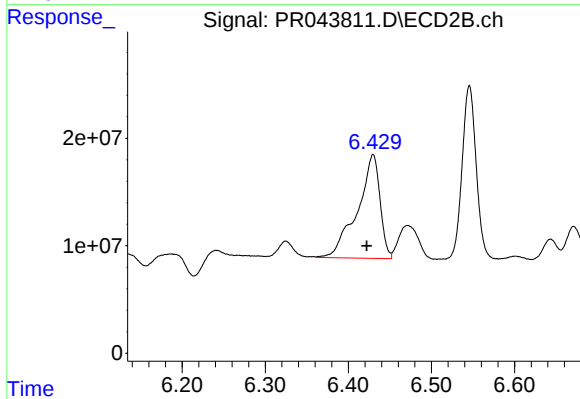
#27 AR-1254-2

R.T.: 6.009 min
Delta R.T.: -0.007 min
Response: 79127531
Conc: 123.71 ng/ml



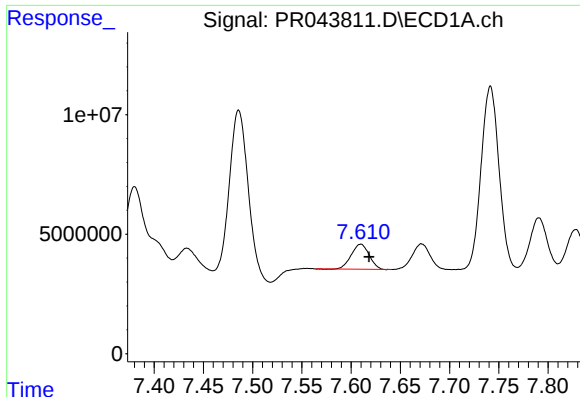
#28 AR-1254-3

R.T.: 7.325 min
Delta R.T.: -0.007 min
Response: 33857014
Conc: 96.80 ng/ml



#28 AR-1254-3

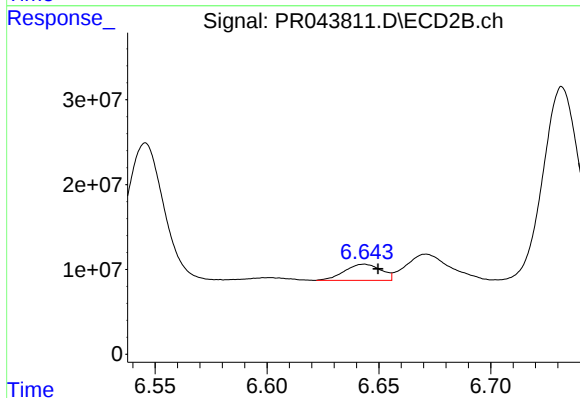
R.T.: 6.430 min
Delta R.T.: 0.008 min
Response: 182448853
Conc: 180.24 ng/ml



#29 AR-1254-4

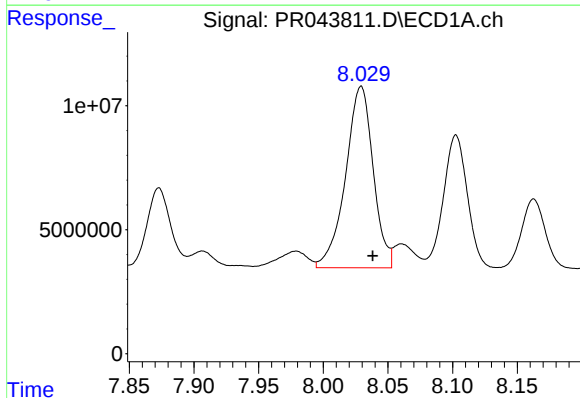
R.T.: 7.610 min
Delta R.T.: -0.008 min
Response: 13280540
Conc: 53.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660374



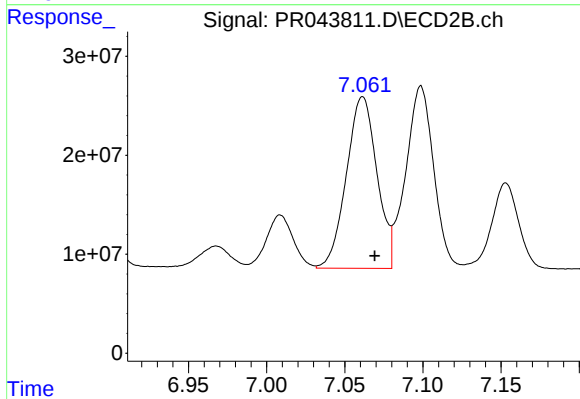
#29 AR-1254-4

R.T.: 6.643 min
Delta R.T.: -0.006 min
Response: 21701560
Conc: 30.14 ng/ml



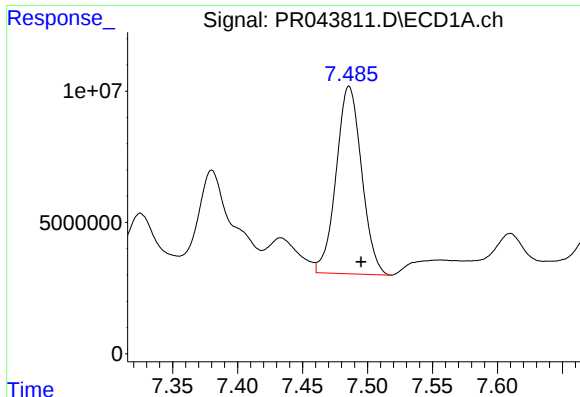
#30 AR-1254-5

R.T.: 8.029 min
Delta R.T.: -0.009 min
Response: 108951196
Conc: 422.79 ng/ml



#30 AR-1254-5

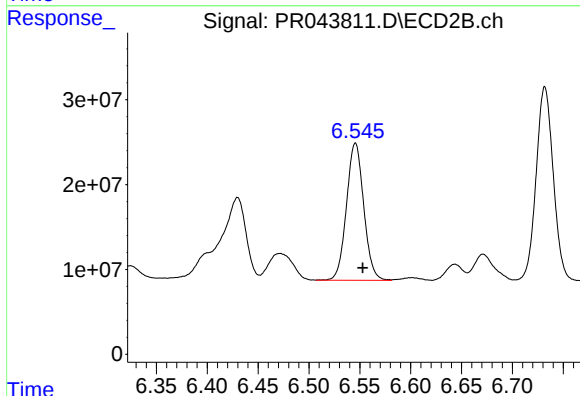
R.T.: 7.061 min
Delta R.T.: -0.008 min
Response: 236299139
Conc: 277.39 ng/ml



#31 AR-1260-1

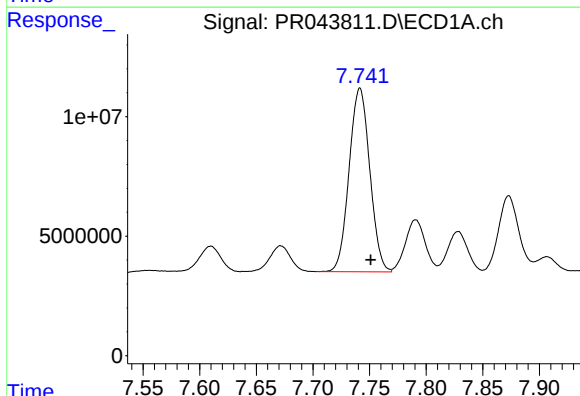
R.T.: 7.486 min
Delta R.T.: -0.009 min
Response: 97515551
Conc: 391.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660374



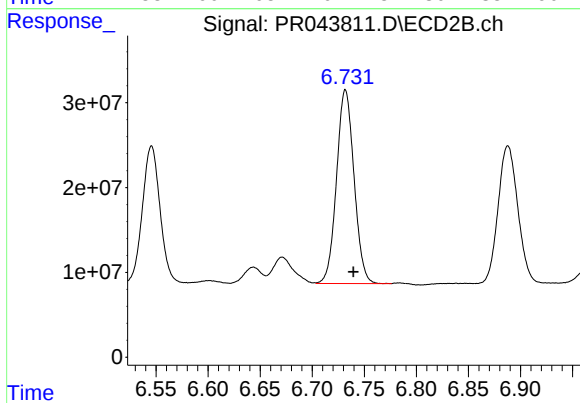
#31 AR-1260-1

R.T.: 6.546 min
Delta R.T.: -0.007 min
Response: 190986812
Conc: 281.90 ng/ml



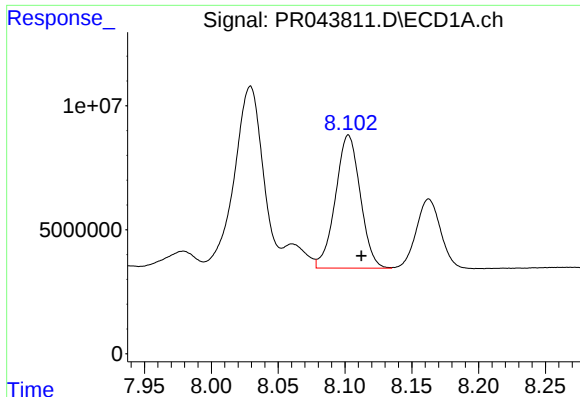
#32 AR-1260-2

R.T.: 7.742 min
Delta R.T.: -0.009 min
Response: 97752491
Conc: 329.03 ng/ml



#32 AR-1260-2

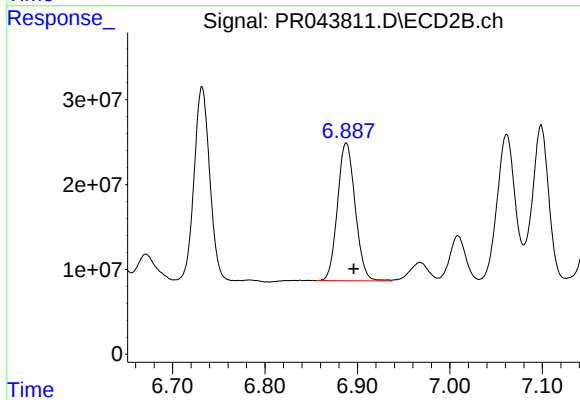
R.T.: 6.732 min
Delta R.T.: -0.008 min
Response: 267368452
Conc: 275.96 ng/ml



#33 AR-1260-3

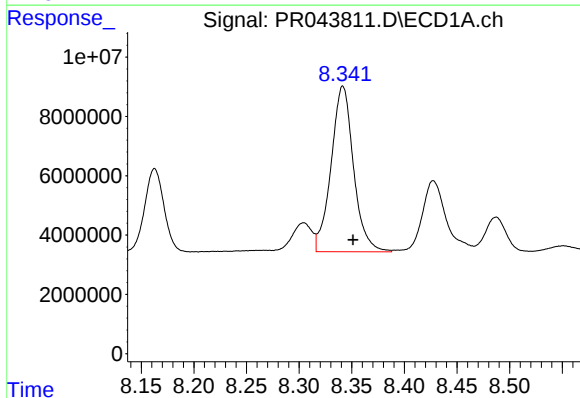
R.T.: 8.103 min
Delta R.T.: -0.010 min
Response: 69401251
Conc: 313.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660374



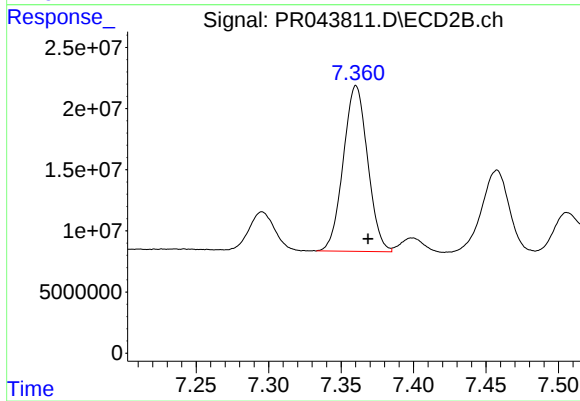
#33 AR-1260-3

R.T.: 6.888 min
Delta R.T.: -0.008 min
Response: 215742413
Conc: 276.26 ng/ml



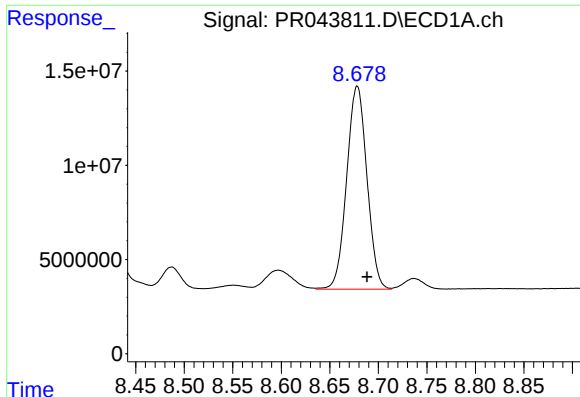
#34 AR-1260-4

R.T.: 8.342 min
Delta R.T.: -0.009 min
Response: 82950570
Conc: 329.78 ng/ml



#34 AR-1260-4

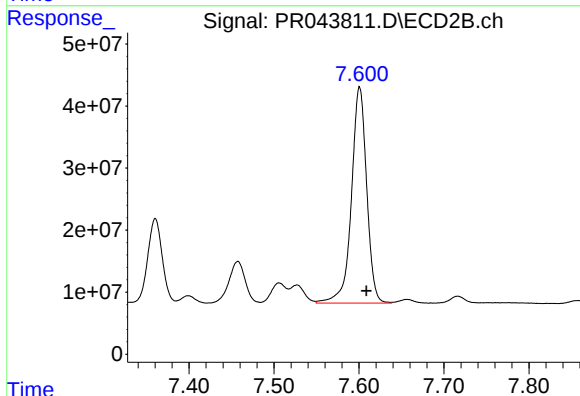
R.T.: 7.360 min
Delta R.T.: -0.008 min
Response: 158442903
Conc: 249.75 ng/ml



#35 AR-1260-5

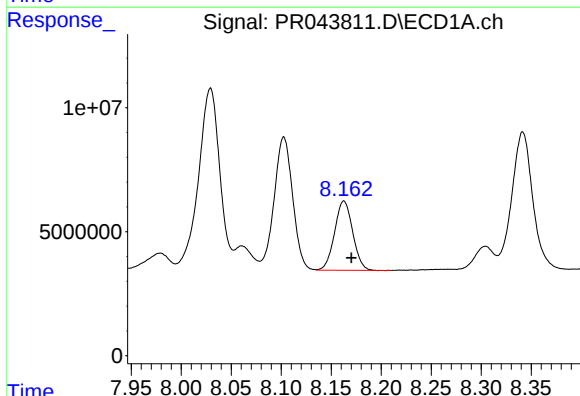
R.T.: 8.678 min
Delta R.T.: -0.010 min
Response: 156479146
Conc: 324.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660374



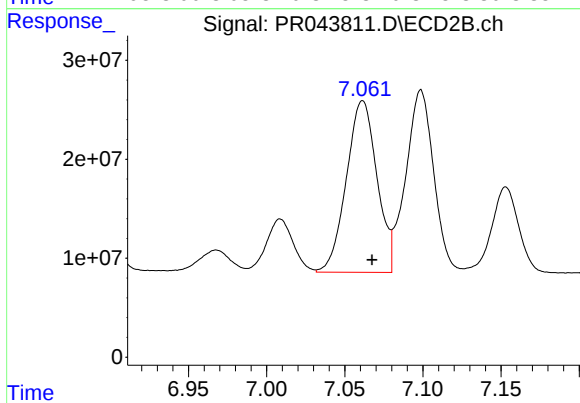
#35 AR-1260-5

R.T.: 7.601 min
Delta R.T.: -0.008 min
Response: 434602275
Conc: 255.33 ng/ml



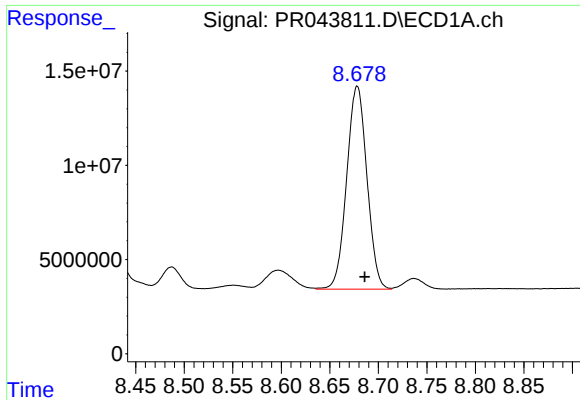
#36 AR-1262-1

R.T.: 8.163 min
Delta R.T.: -0.007 min
Response: 35229274
Conc: 264.63 ng/ml



#36 AR-1262-1

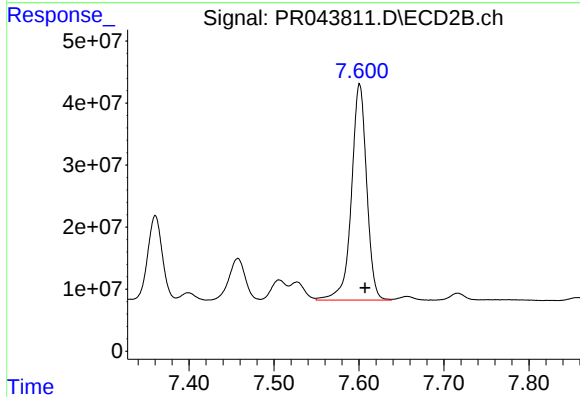
R.T.: 7.061 min
Delta R.T.: -0.006 min
Response: 236299139
Conc: 477.87 ng/ml



#37 AR-1262-2

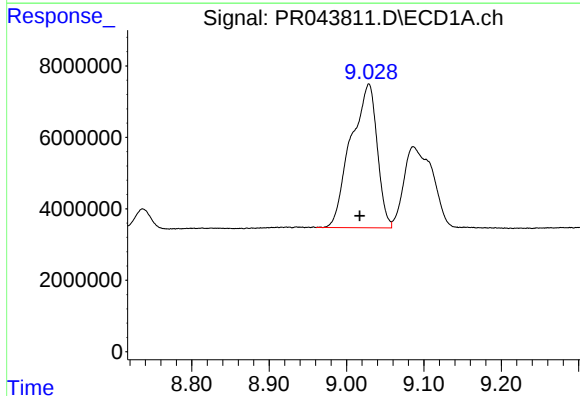
R.T.: 8.678 min
Delta R.T.: -0.008 min
Response: 156479146
Conc: 274.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660374



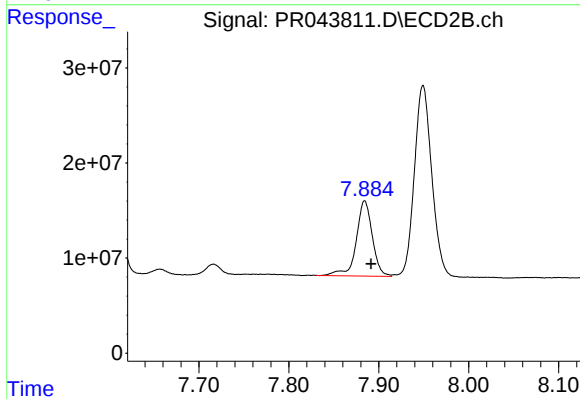
#37 AR-1262-2

R.T.: 7.601 min
Delta R.T.: -0.007 min
Response: 434602275
Conc: 228.43 ng/ml



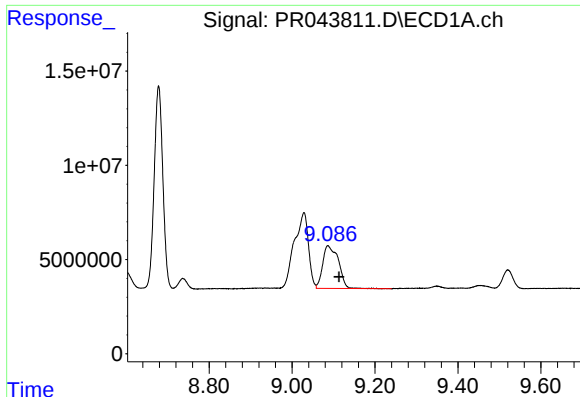
#38 AR-1262-3

R.T.: 9.029 min
Delta R.T.: 0.012 min
Response: 94887514
Conc: 262.09 ng/ml



#38 AR-1262-3

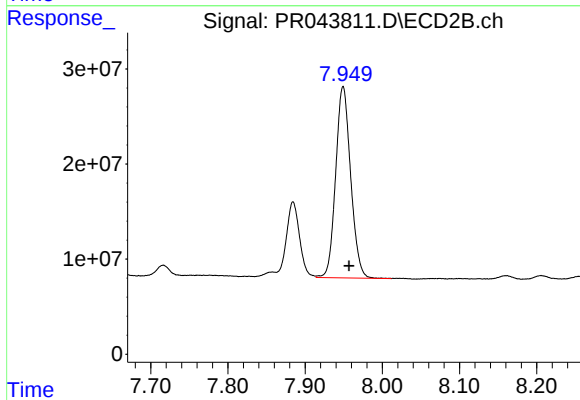
R.T.: 7.884 min
Delta R.T.: -0.007 min
Response: 98048051
Conc: 128.54 ng/ml



#39 AR-1262-4

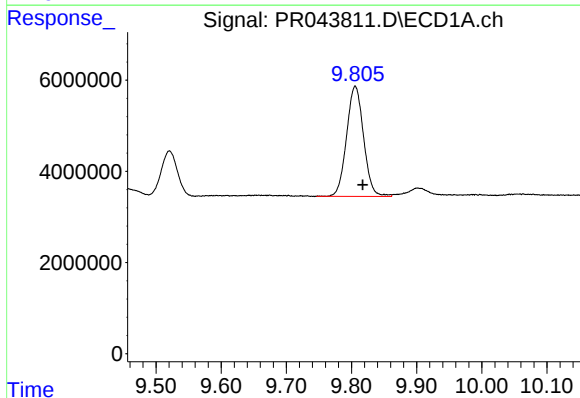
R.T.: 9.086 min
Delta R.T.: -0.027 min
Response: 59663022
Conc: 224.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660374



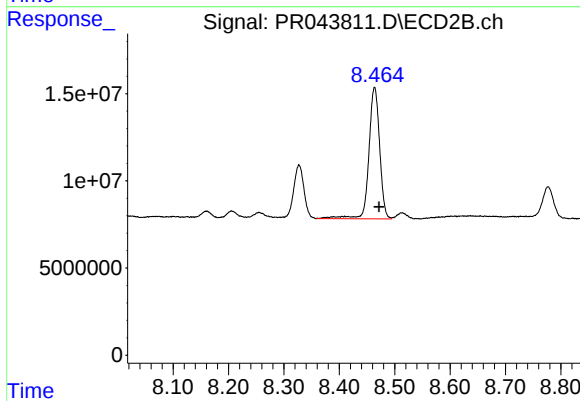
#39 AR-1262-4

R.T.: 7.949 min
Delta R.T.: -0.008 min
Response: 271379298
Conc: 218.62 ng/ml



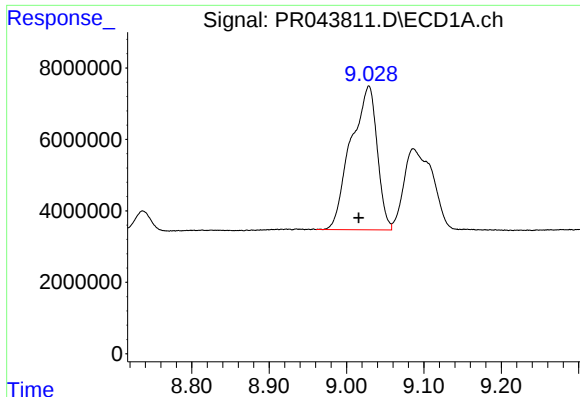
#40 AR-1262-5

R.T.: 9.806 min
Delta R.T.: -0.011 min
Response: 43841930
Conc: 232.82 ng/ml



#40 AR-1262-5

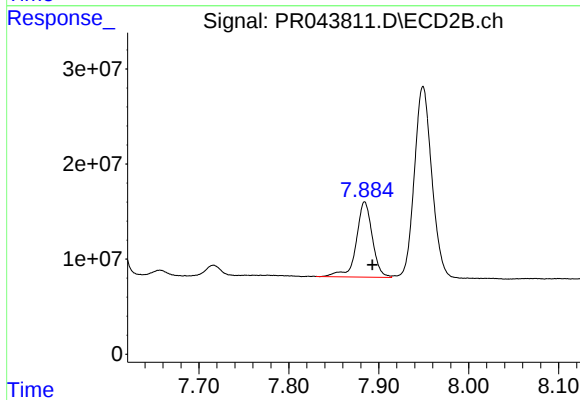
R.T.: 8.464 min
Delta R.T.: -0.008 min
Response: 102055618
Conc: 179.06 ng/ml



#41 AR-1268-1

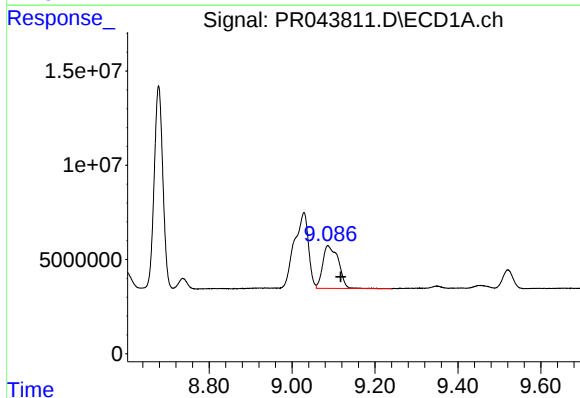
R.T.: 9.029 min
Delta R.T.: 0.013 min
Response: 94887514
Conc: 148.28 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660374



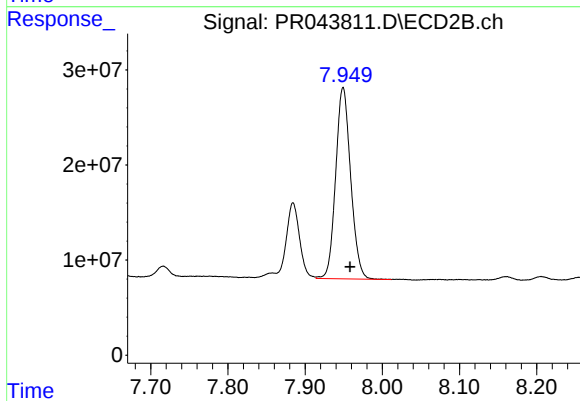
#41 AR-1268-1

R.T.: 7.884 min
Delta R.T.: -0.008 min
Response: 98048051
Conc: 45.69 ng/ml



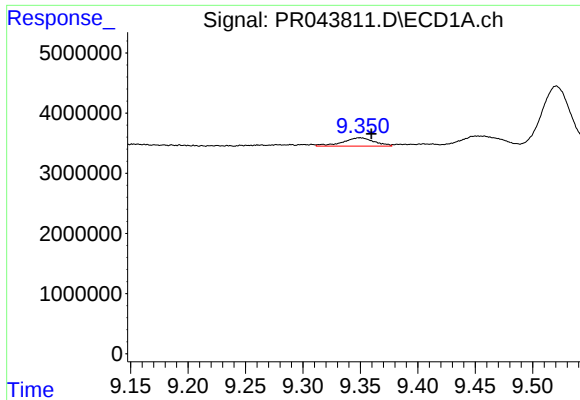
#42 AR-1268-2

R.T.: 9.086 min
Delta R.T.: -0.031 min
Response: 59663022
Conc: 103.55 ng/ml



#42 AR-1268-2

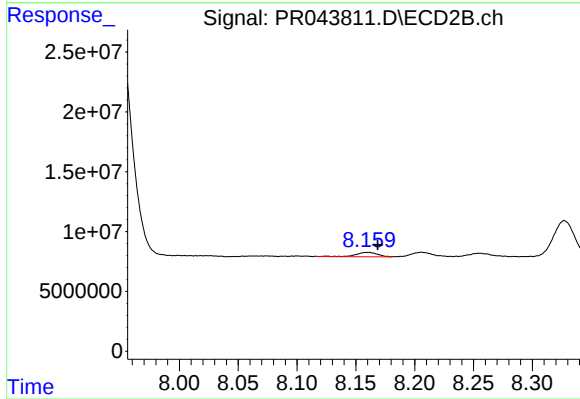
R.T.: 7.949 min
Delta R.T.: -0.009 min
Response: 271379298
Conc: 149.57 ng/ml



#43 AR-1268-3

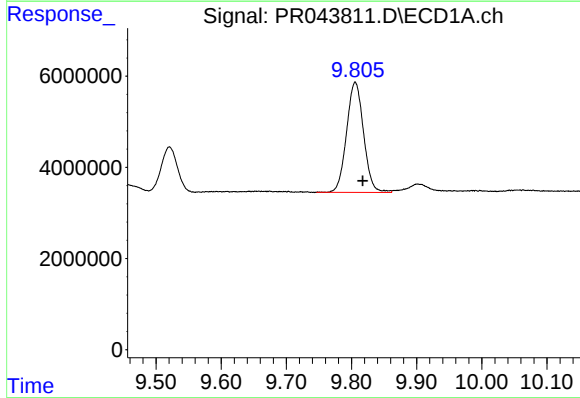
R.T.: 9.349 min
Delta R.T.: -0.010 min
Response: 2641111
Conc: 5.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660374



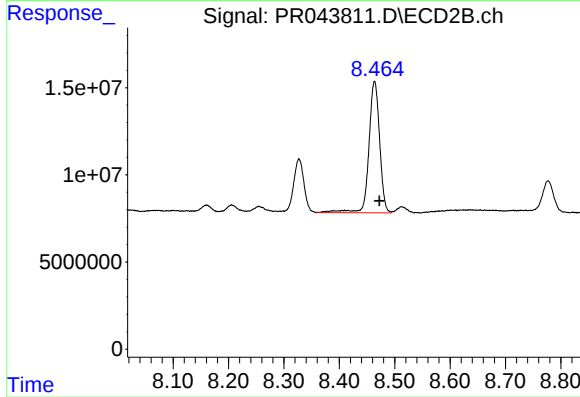
#43 AR-1268-3

R.T.: 8.160 min
Delta R.T.: -0.008 min
Response: 4815544
Conc: 3.13 ng/ml



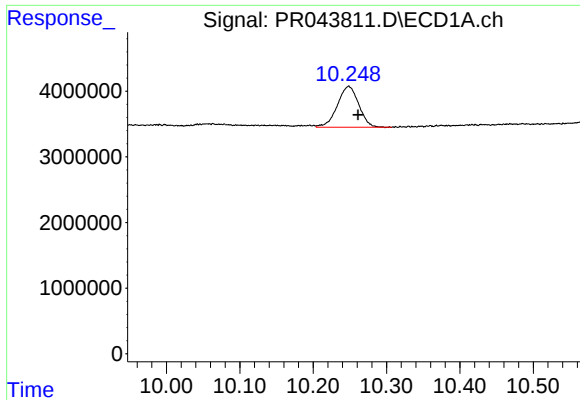
#44 AR-1268-4

R.T.: 9.806 min
Delta R.T.: -0.012 min
Response: 43841930
Conc: 214.58 ng/ml



#44 AR-1268-4

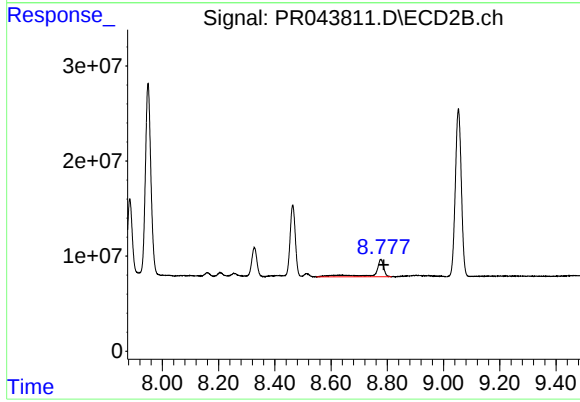
R.T.: 8.464 min
Delta R.T.: -0.009 min
Response: 102055618
Conc: 166.42 ng/ml



#45 AR-1268-5

R.T.: 10.248 min
Delta R.T.: -0.013 min
Response: 12666832
Conc: 8.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660374



#45 AR-1268-5

R.T.: 8.777 min
Delta R.T.: -0.010 min
Response: 41820959
Conc: 9.88 ng/ml