

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081722\
 Data File : PR055937.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Aug 2022 15:28
 Operator : AJ\MA
 Sample : PB147083BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 00:21:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081022CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 10 07:34:29 2022
 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...	3.631	2.900	106.0E6	49841943	22.520	22.404
2)	SA Decachlor...	9.526	8.115	72328740	75653798	43.438	43.404
Target Compounds							
3)	L1 AR-1016-1	4.853	4.006	13457051	7307512	108.608	99.547
4)	L1 AR-1016-2	4.875	4.024	18583105	10102662	106.270	99.193
5)	L1 AR-1016-3	4.939	4.201	11960444	5353891	111.242	97.201
6)	L1 AR-1016-4	5.041	4.252	9355642	4209531	108.933	101.531
7)	L1 AR-1016-5	5.357	4.466	8883227	5432403	113.356	98.833
8)	L2 AR-1221-1	3.850	3.122	1917738	753771	36.553	30.825
9)	L2 AR-1221-2	3.942	3.207	3020422	1329093	83.552	78.197
10)	L2 AR-1221-3	4.019	3.284	8629953	3915265	74.878	67.857
11)	L3 AR-1232-1	4.019	3.284	8629953	3915265	86.326	79.317
12)	L3 AR-1232-2	4.568	4.024	10902531	10102662	226.844	217.837
13)	L3 AR-1232-3	4.875	4.201	18583105	5353891	225.176	221.127
14)	L3 AR-1232-4	5.041	4.292	9355642	5116112	233.848	246.895
15)	L3 AR-1232-5	5.145	4.466	7465430	5432403	259.637	235.659
16)	L4 AR-1242-1	4.853	4.006	13457051	7307512	124.195	120.863
17)	L4 AR-1242-2	4.875	4.024	18583105	10102662	122.763	119.718
18)	L4 AR-1242-3	4.939	4.201	11960444	5353891	127.179	118.051
19)	L4 AR-1242-4	5.041	4.292	9355642	5116112	125.645	121.063
20)	L4 AR-1242-5	5.830	4.832	1591379	4903688	24.626	89.750 #
21)	L5 AR-1248-1	4.853	4.006	13457051	7307512	166.855	161.284
22)	L5 AR-1248-2	5.145	4.252	7465430	4209531	75.647	69.351
23)	L5 AR-1248-3	5.357	4.292	8883227	5116112	80.073	82.319
24)	L5 AR-1248-4	5.789	4.466	1849098	5432403	16.915	72.398 #
25)	L5 AR-1248-5	5.830	4.875	1591379	1051033	14.866	13.651
26)	L6 AR-1254-1	5.760	4.832	6494184	4903688	59.750	43.465 #
27)	L6 AR-1254-2	5.998	4.991	5930181	4095671	37.330	42.061
28)	L6 AR-1254-3	6.389	5.429	3169197	7419944	19.783	46.742 #
29)	L6 AR-1254-4	6.699	5.654	1741162	754923	14.836	7.398 #
30)	L6 AR-1254-5	7.155	6.096	15378782	15008354	127.308	104.330
31)	L7 AR-1260-1	6.569	5.548	12113601	11033250	106.739	102.962
32)	L7 AR-1260-2	6.852	5.752	13752089	13329245	105.565	103.003
33)	L7 AR-1260-3	7.242	5.909	9436261	12310928	99.347	100.368
34)	L7 AR-1260-4	7.486	6.412	10895683	9711759	100.101	94.370
35)	L7 AR-1260-5	7.823	6.677	19015966	21818529	92.218	90.636
36)	L8 AR-1262-1	7.242	6.139	9436261	10234352	66.222	71.180
37)	L8 AR-1262-2	7.823	6.677	19015966	21818529	77.660	82.606
38)	L8 AR-1262-3	8.136	6.979	12548393	4616839	74.147	44.451 #
39)	L8 AR-1262-4	8.214	7.045	3216523	16286417	37.841	82.977 #
40)	L8 AR-1262-5	8.836	7.583	5087959	5477414	55.168	58.314
41)	L9 AR-1268-1	8.136	6.979	12548393	4616839	43.301	14.757 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081722\
 Data File : PR055937.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Aug 2022 15:28
 Operator : AJ\MA
 Sample : PB147083BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 00:21:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081022CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 10 07:34:29 2022
 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	8.214	7.045	3216523	16286417	12.014	57.389 #
43) L9	AR-1268-3	8.433	7.267	745761	482528	3.288	1.979 #
44) L9	AR-1268-4	8.836	7.583	5087959	5477414	48.574	50.969
45) L9	AR-1268-5	9.218	7.876	1984393	1885510	2.675	2.402

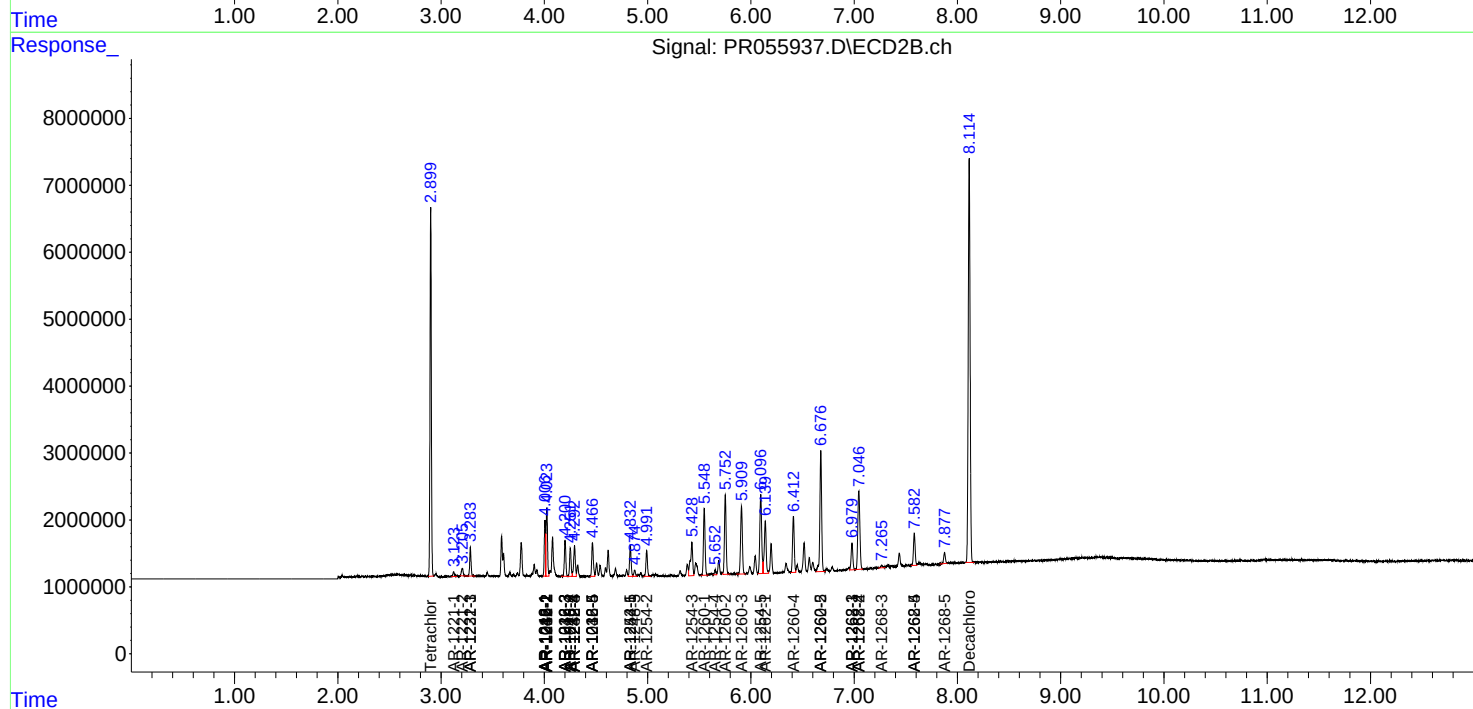
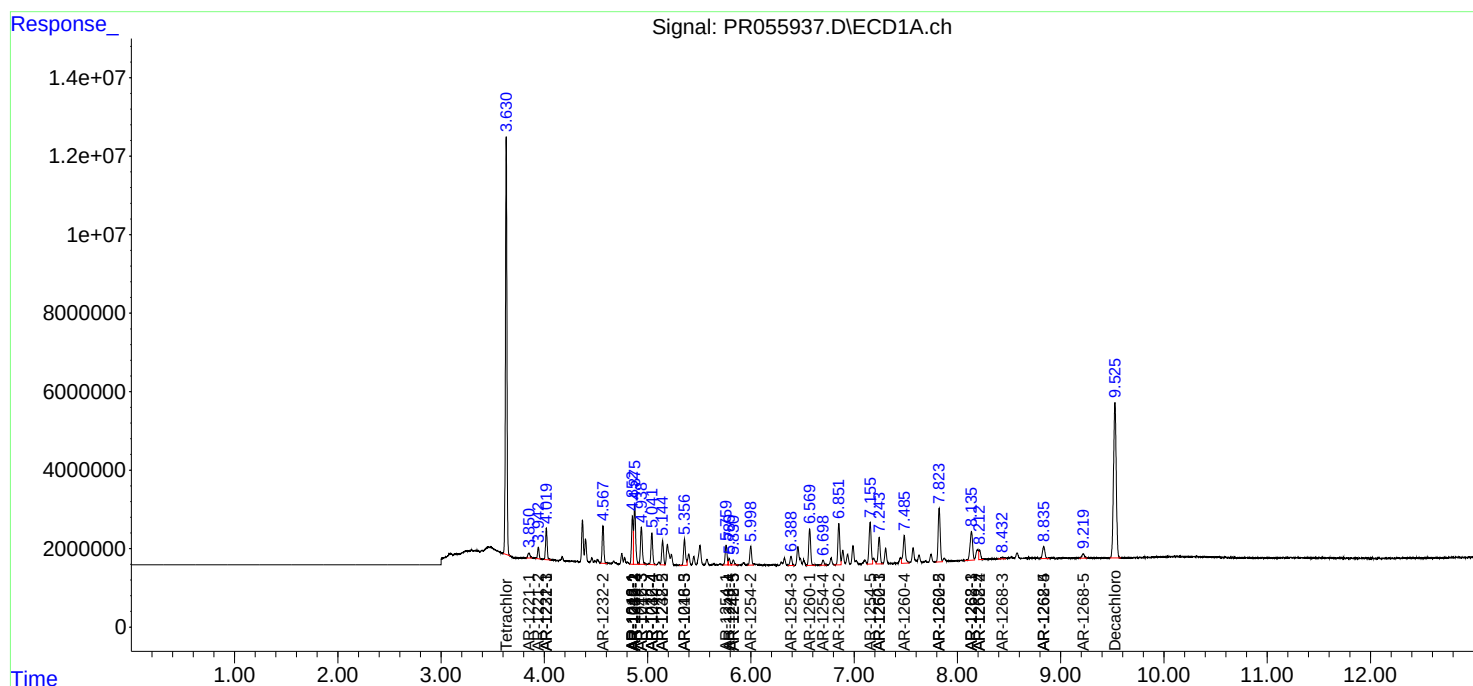
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

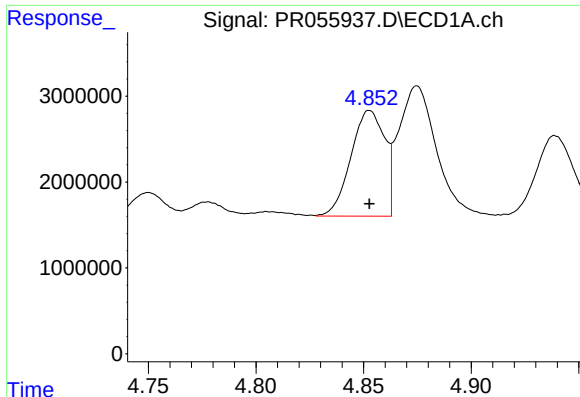
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081722\
Data File : PR055937.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Aug 2022 15:28
Operator : AJ\MA
Sample : PB147083BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 00:21:55 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081022CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 10 07:34:29 2022
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

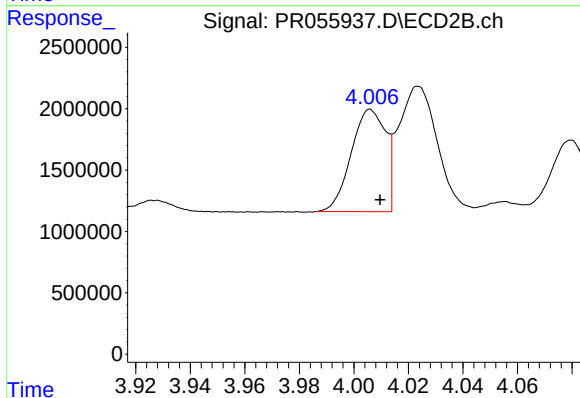




#3 AR-1016-1

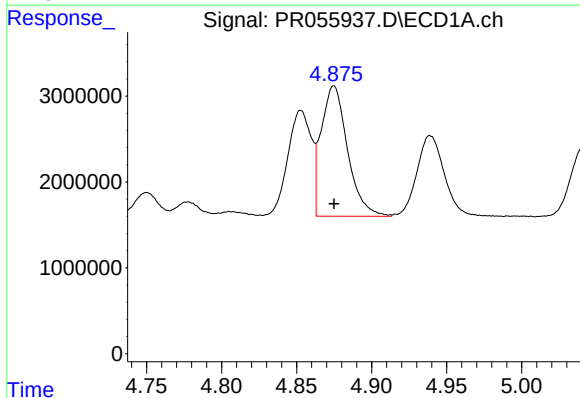
R.T.: 4.853 min
Delta R.T.: 0.000 min
Response: 13457051
Conc: 108.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



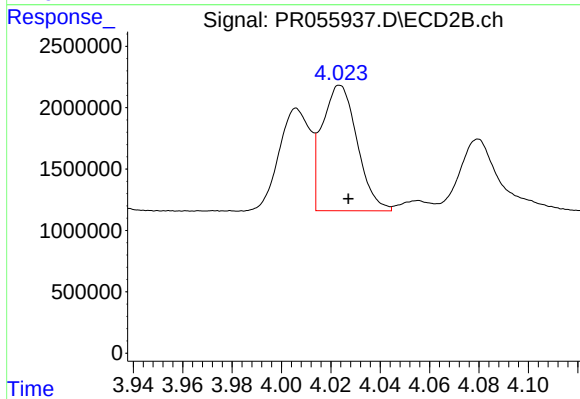
#3 AR-1016-1

R.T.: 4.006 min
Delta R.T.: -0.003 min
Response: 7307512
Conc: 99.55 ng/ml



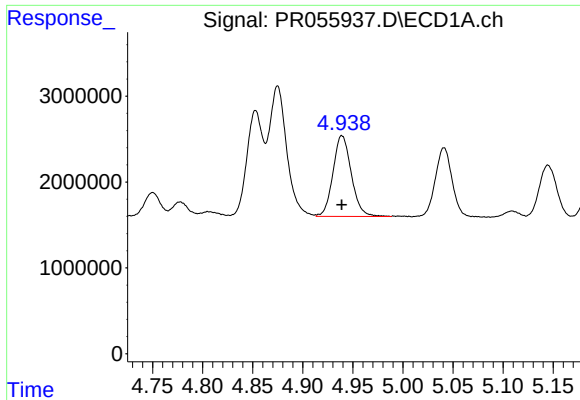
#4 AR-1016-2

R.T.: 4.875 min
Delta R.T.: 0.000 min
Response: 18583105
Conc: 106.27 ng/ml



#4 AR-1016-2

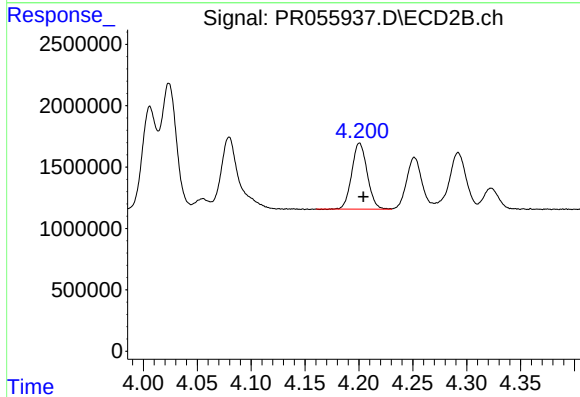
R.T.: 4.024 min
Delta R.T.: -0.003 min
Response: 10102662
Conc: 99.19 ng/ml



#5 AR-1016-3

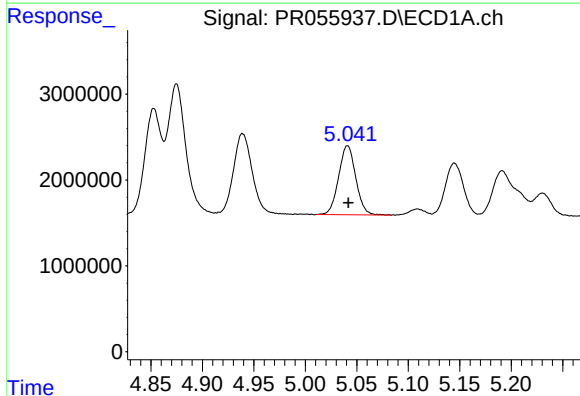
R.T.: 4.939 min
Delta R.T.: 0.000 min
Response: 11960444
Conc: 111.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



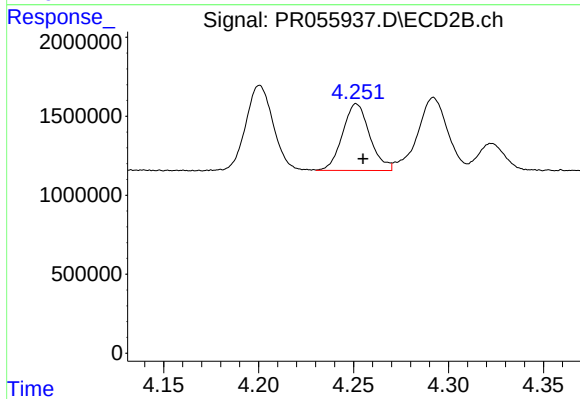
#5 AR-1016-3

R.T.: 4.201 min
Delta R.T.: -0.004 min
Response: 5353891
Conc: 97.20 ng/ml



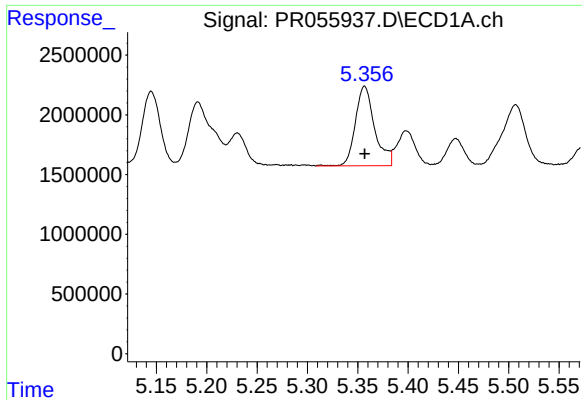
#6 AR-1016-4

R.T.: 5.041 min
Delta R.T.: 0.000 min
Response: 9355642
Conc: 108.93 ng/ml



#6 AR-1016-4

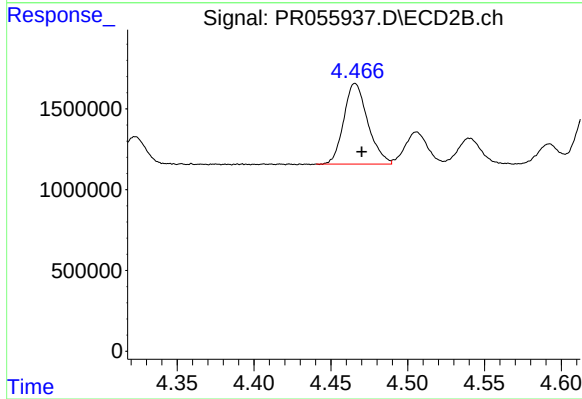
R.T.: 4.252 min
Delta R.T.: -0.003 min
Response: 4209531
Conc: 101.53 ng/ml



#7 AR-1016-5

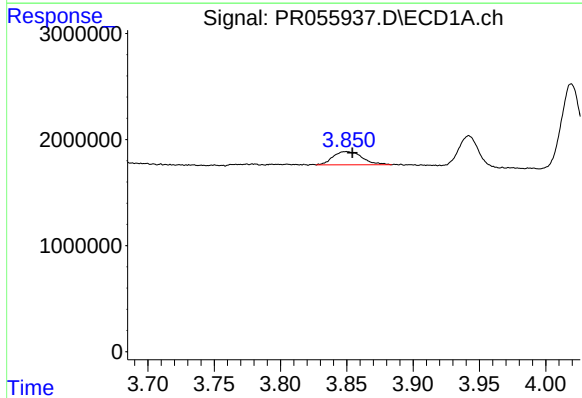
R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 8883227
Conc: 113.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



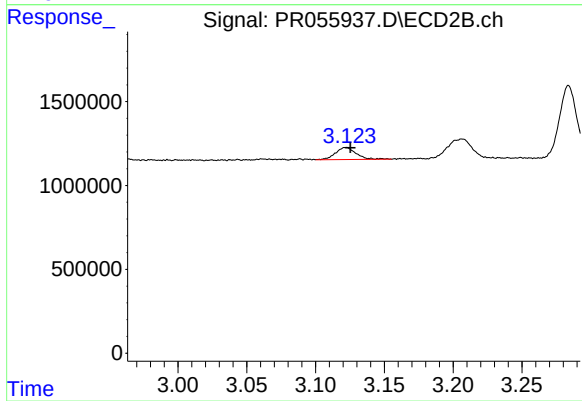
#7 AR-1016-5

R.T.: 4.466 min
Delta R.T.: -0.004 min
Response: 5432403
Conc: 98.83 ng/ml



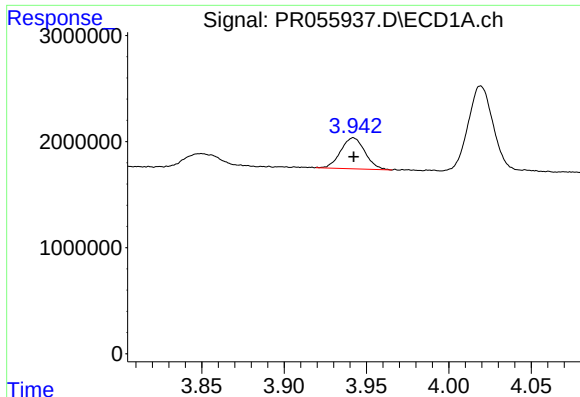
#8 AR-1221-1

R.T.: 3.850 min
Delta R.T.: -0.004 min
Response: 1917738
Conc: 36.55 ng/ml



#8 AR-1221-1

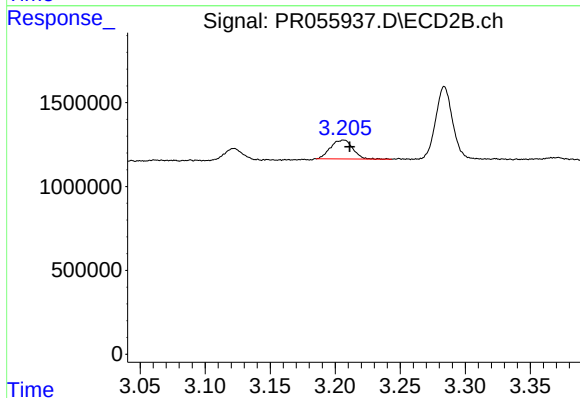
R.T.: 3.122 min
Delta R.T.: -0.003 min
Response: 753771
Conc: 30.83 ng/ml



#9 AR-1221-2

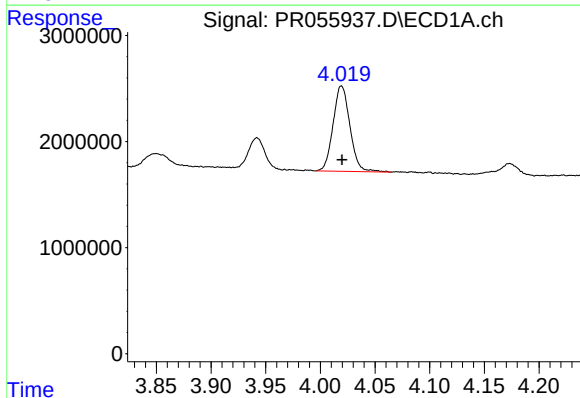
R.T.: 3.942 min
Delta R.T.: 0.000 min
Response: 3020422
Conc: 83.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



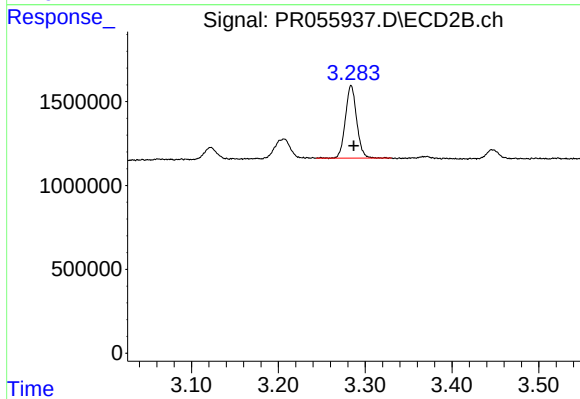
#9 AR-1221-2

R.T.: 3.207 min
Delta R.T.: -0.005 min
Response: 1329093
Conc: 78.20 ng/ml



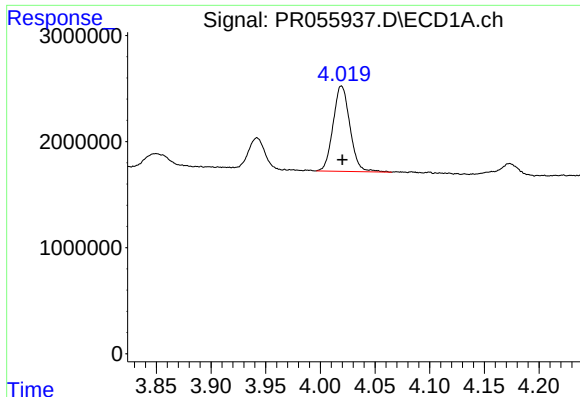
#10 AR-1221-3

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 8629953
Conc: 74.88 ng/ml



#10 AR-1221-3

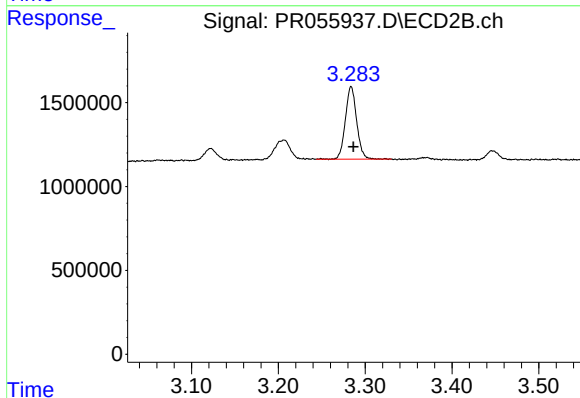
R.T.: 3.284 min
Delta R.T.: -0.003 min
Response: 3915265
Conc: 67.86 ng/ml



#11 AR-1232-1

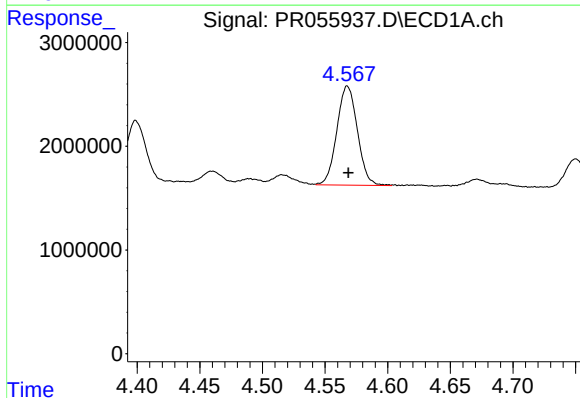
R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 8629953
Conc: 86.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



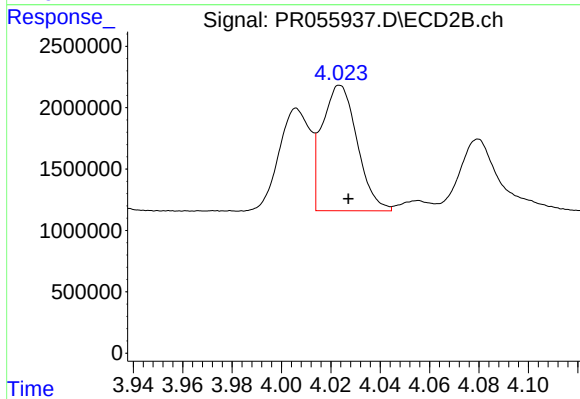
#11 AR-1232-1

R.T.: 3.284 min
Delta R.T.: -0.002 min
Response: 3915265
Conc: 79.32 ng/ml



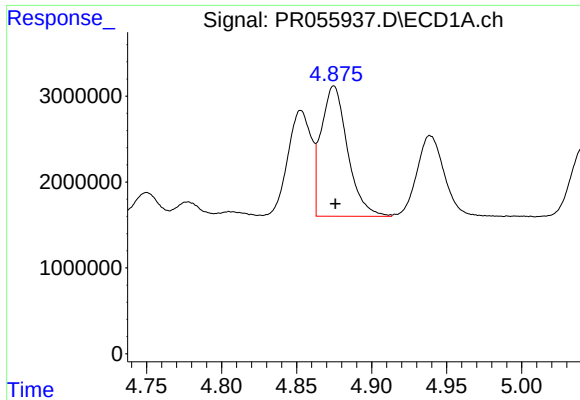
#12 AR-1232-2

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 10902531
Conc: 226.84 ng/ml



#12 AR-1232-2

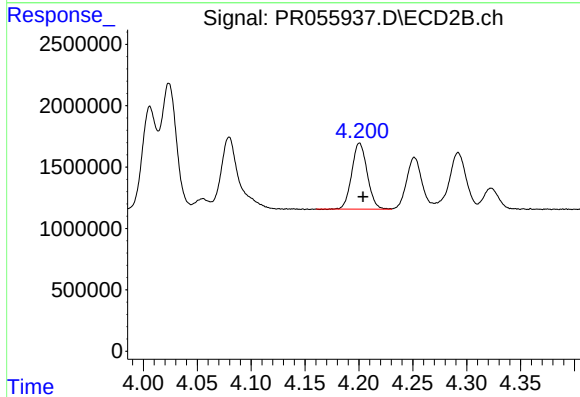
R.T.: 4.024 min
Delta R.T.: -0.003 min
Response: 10102662
Conc: 217.84 ng/ml



#13 AR-1232-3

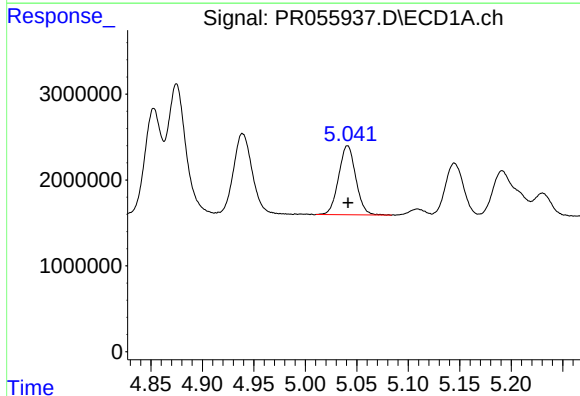
R.T.: 4.875 min
Delta R.T.: 0.000 min
Response: 18583105
Conc: 225.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



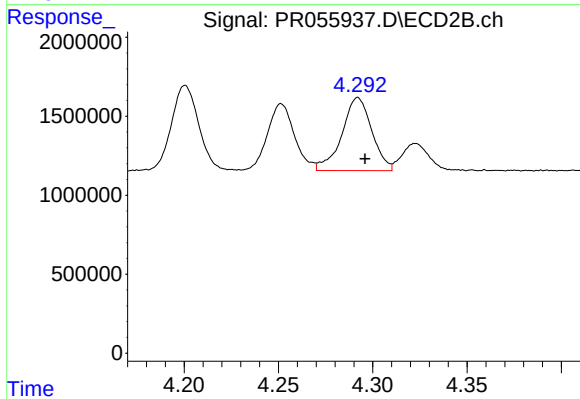
#13 AR-1232-3

R.T.: 4.201 min
Delta R.T.: -0.003 min
Response: 5353891
Conc: 221.13 ng/ml



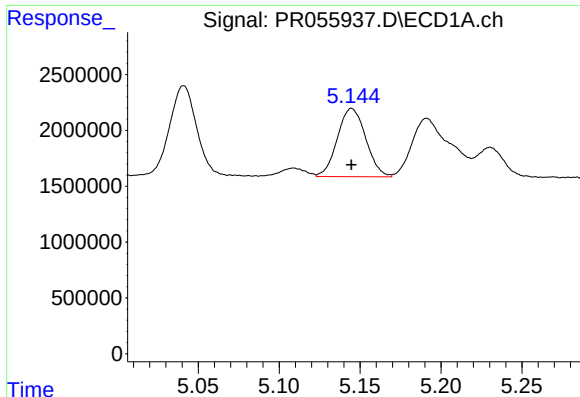
#14 AR-1232-4

R.T.: 5.041 min
Delta R.T.: 0.000 min
Response: 9355642
Conc: 233.85 ng/ml



#14 AR-1232-4

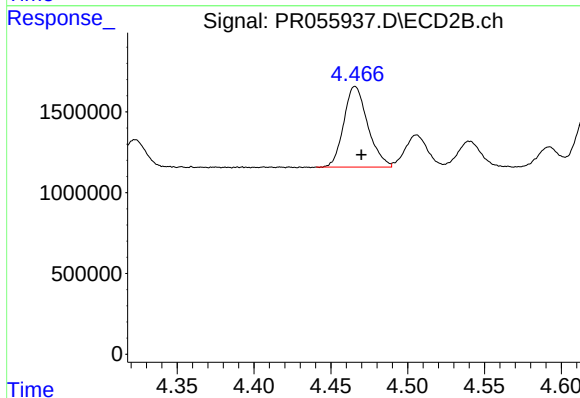
R.T.: 4.292 min
Delta R.T.: -0.004 min
Response: 5116112
Conc: 246.89 ng/ml



#15 AR-1232-5

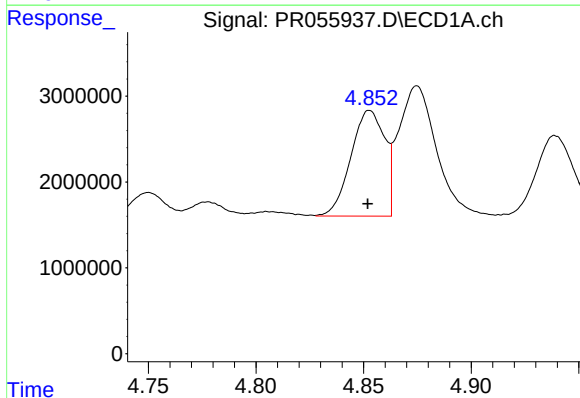
R.T.: 5.145 min
Delta R.T.: 0.000 min
Response: 7465430
Conc: 259.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



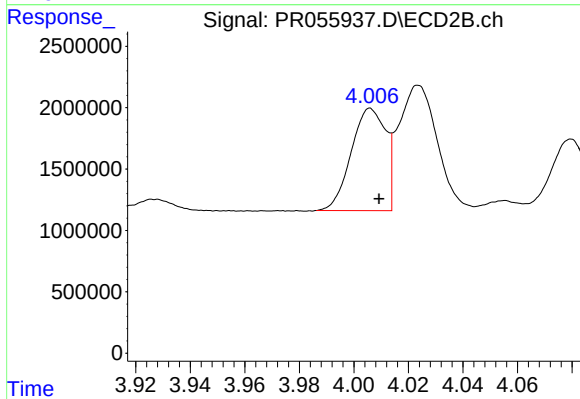
#15 AR-1232-5

R.T.: 4.466 min
Delta R.T.: -0.004 min
Response: 5432403
Conc: 235.66 ng/ml



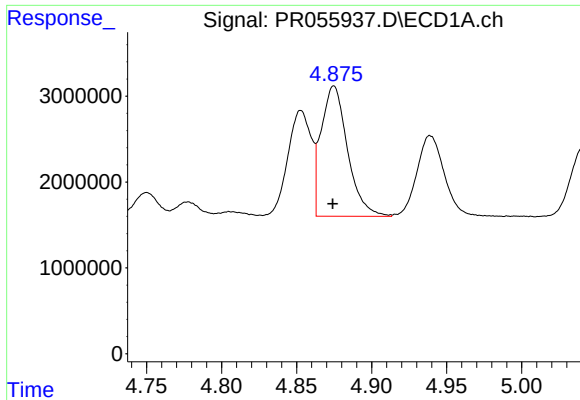
#16 AR-1242-1

R.T.: 4.853 min
Delta R.T.: 0.000 min
Response: 13457051
Conc: 124.20 ng/ml



#16 AR-1242-1

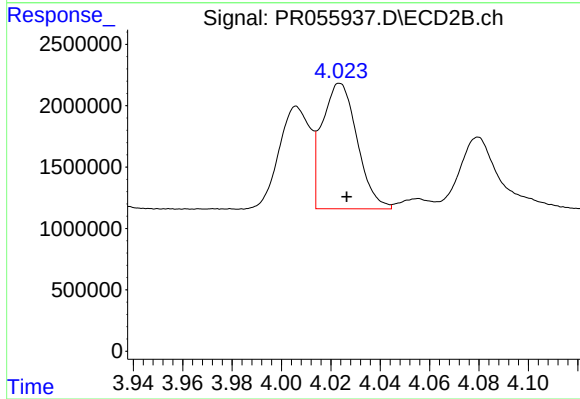
R.T.: 4.006 min
Delta R.T.: -0.003 min
Response: 7307512
Conc: 120.86 ng/ml



#17 AR-1242-2

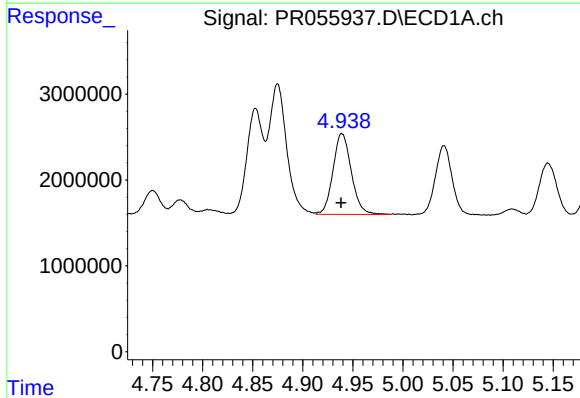
R.T.: 4.875 min
Delta R.T.: 0.000 min
Response: 18583105
Conc: 122.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



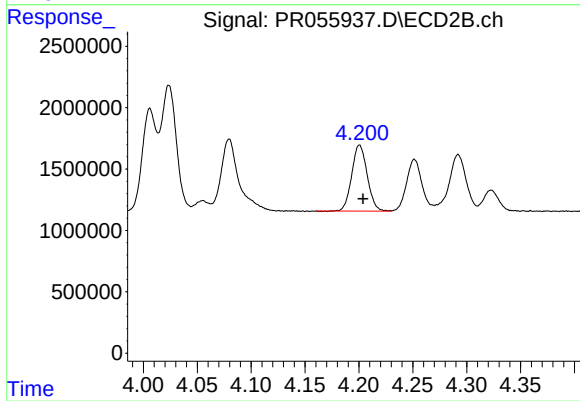
#17 AR-1242-2

R.T.: 4.024 min
Delta R.T.: -0.003 min
Response: 10102662
Conc: 119.72 ng/ml



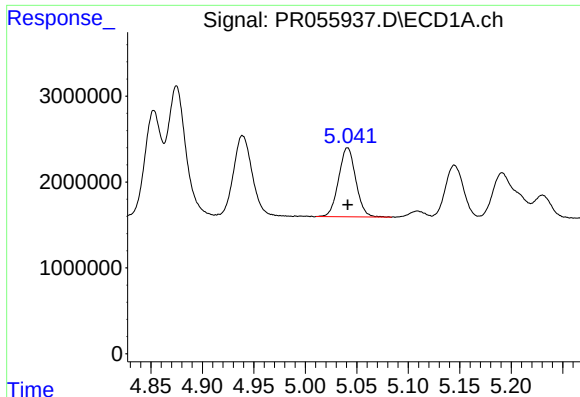
#18 AR-1242-3

R.T.: 4.939 min
Delta R.T.: 0.000 min
Response: 11960444
Conc: 127.18 ng/ml



#18 AR-1242-3

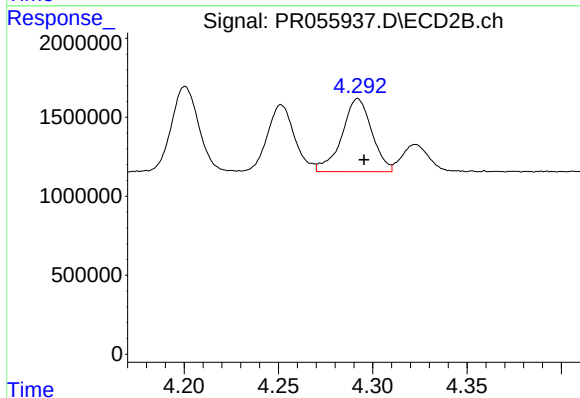
R.T.: 4.201 min
Delta R.T.: -0.003 min
Response: 5353891
Conc: 118.05 ng/ml



#19 AR-1242-4

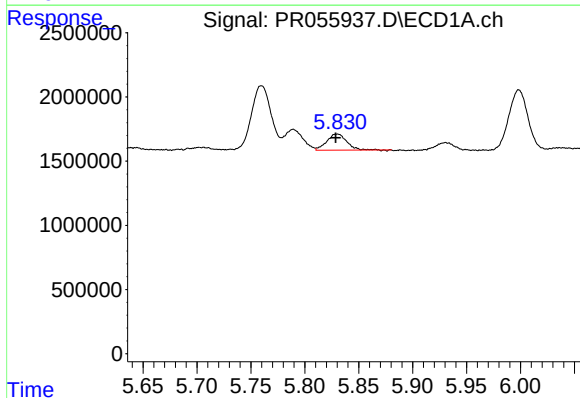
R.T.: 5.041 min
Delta R.T.: 0.000 min
Response: 9355642
Conc: 125.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



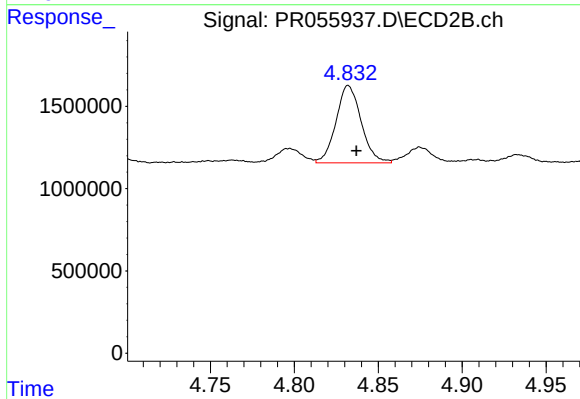
#19 AR-1242-4

R.T.: 4.292 min
Delta R.T.: -0.003 min
Response: 5116112
Conc: 121.06 ng/ml



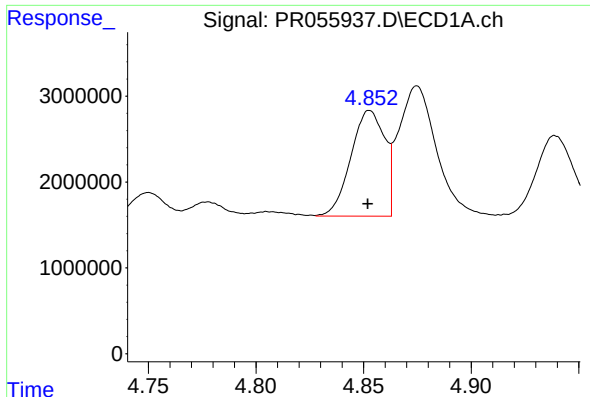
#20 AR-1242-5

R.T.: 5.830 min
Delta R.T.: 0.001 min
Response: 1591379
Conc: 24.63 ng/ml



#20 AR-1242-5

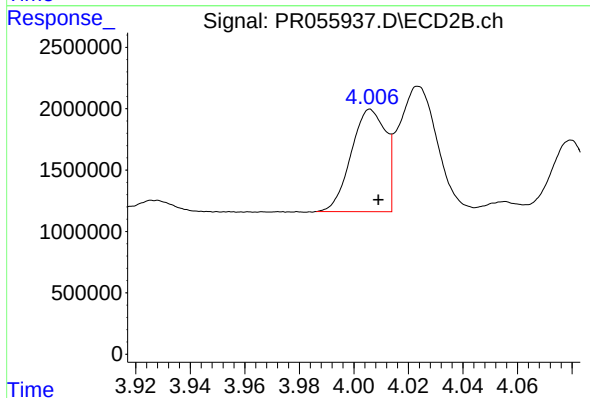
R.T.: 4.832 min
Delta R.T.: -0.005 min
Response: 4903688
Conc: 89.75 ng/ml



#21 AR-1248-1

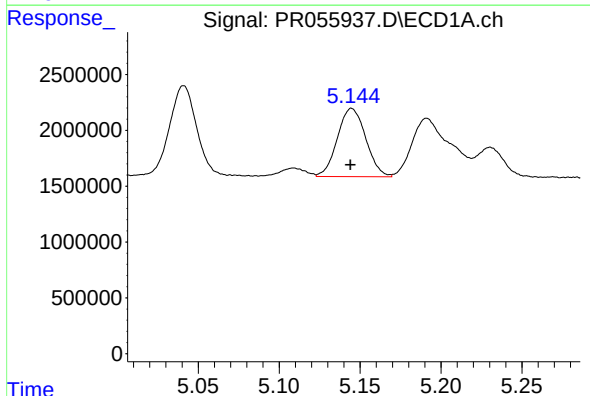
R.T.: 4.853 min
Delta R.T.: 0.000 min
Response: 13457051
Conc: 166.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



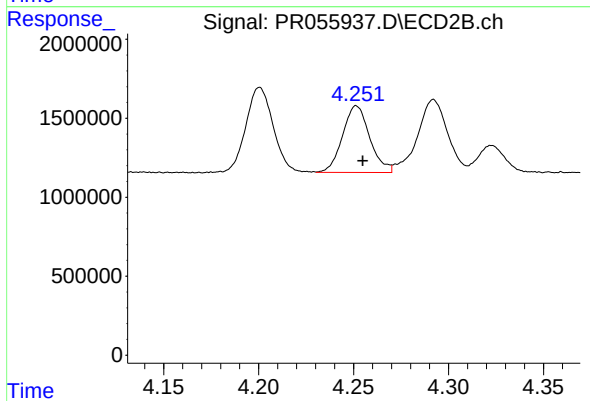
#21 AR-1248-1

R.T.: 4.006 min
Delta R.T.: -0.003 min
Response: 7307512
Conc: 161.28 ng/ml



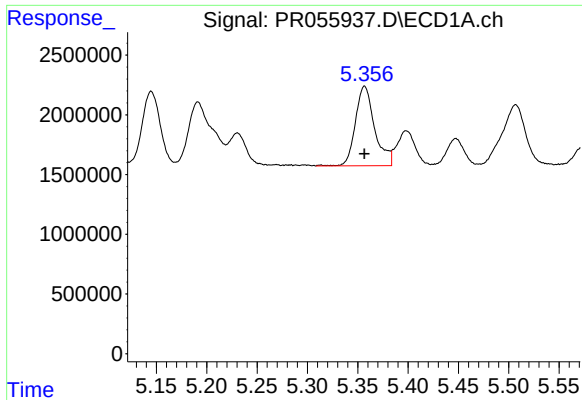
#22 AR-1248-2

R.T.: 5.145 min
Delta R.T.: 0.000 min
Response: 7465430
Conc: 75.65 ng/ml



#22 AR-1248-2

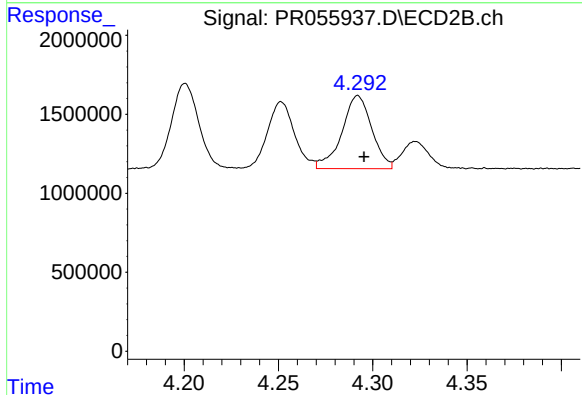
R.T.: 4.252 min
Delta R.T.: -0.003 min
Response: 4209531
Conc: 69.35 ng/ml



#23 AR-1248-3

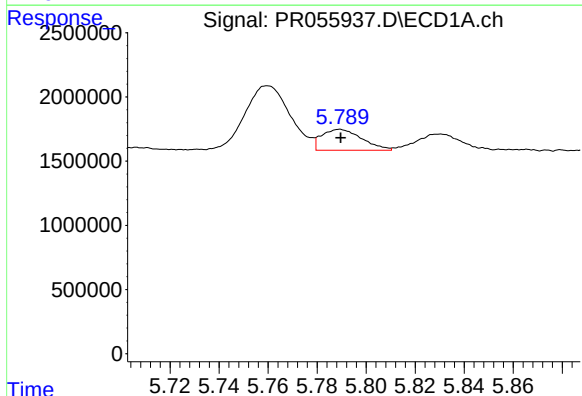
R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 8883227
Conc: 80.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



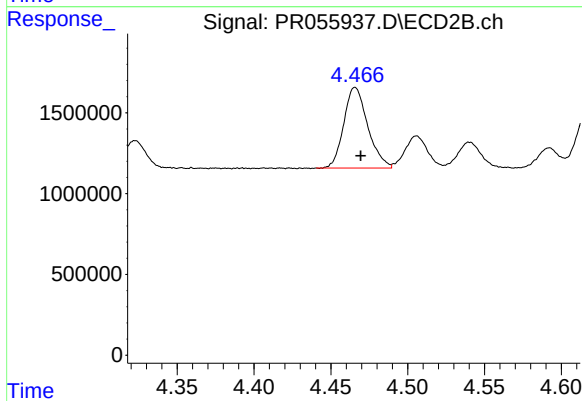
#23 AR-1248-3

R.T.: 4.292 min
Delta R.T.: -0.003 min
Response: 5116112
Conc: 82.32 ng/ml



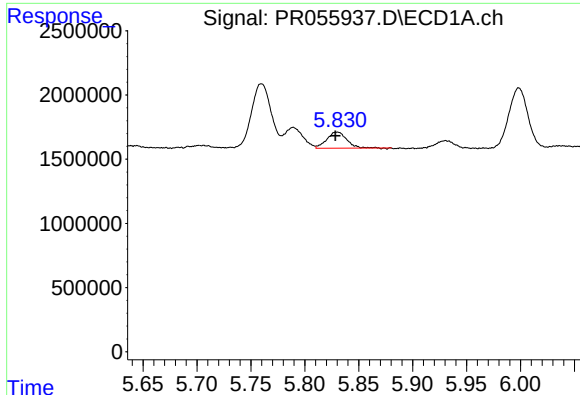
#24 AR-1248-4

R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 1849098
Conc: 16.91 ng/ml



#24 AR-1248-4

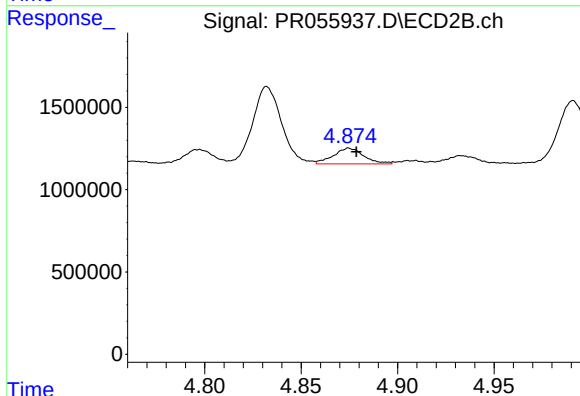
R.T.: 4.466 min
Delta R.T.: -0.004 min
Response: 5432403
Conc: 72.40 ng/ml



#25 AR-1248-5

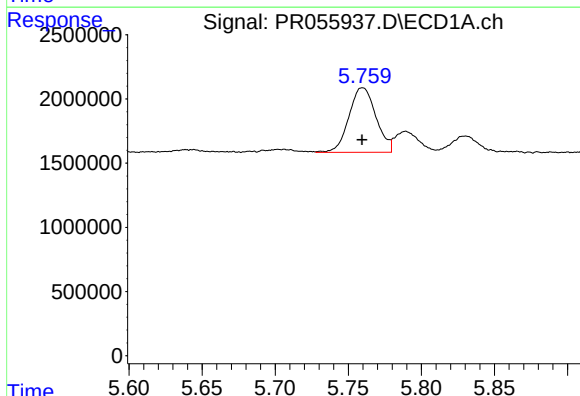
R.T.: 5.830 min
Delta R.T.: 0.002 min
Response: 1591379
Conc: 14.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



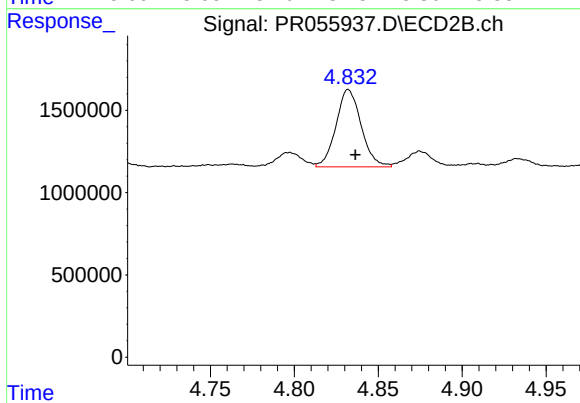
#25 AR-1248-5

R.T.: 4.875 min
Delta R.T.: -0.004 min
Response: 1051033
Conc: 13.65 ng/ml



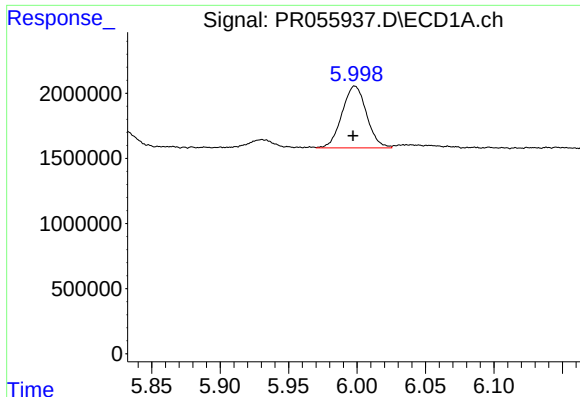
#26 AR-1254-1

R.T.: 5.760 min
Delta R.T.: 0.000 min
Response: 6494184
Conc: 59.75 ng/ml



#26 AR-1254-1

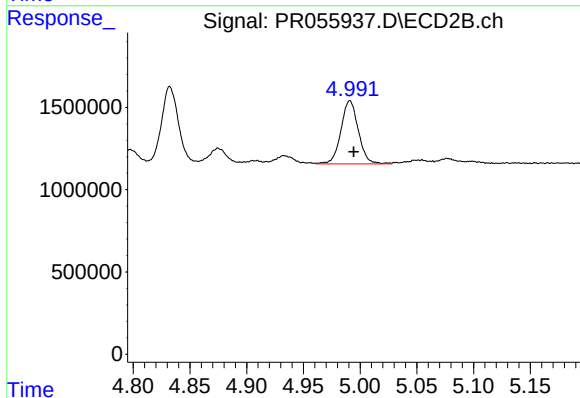
R.T.: 4.832 min
Delta R.T.: -0.004 min
Response: 4903688
Conc: 43.47 ng/ml



#27 AR-1254-2

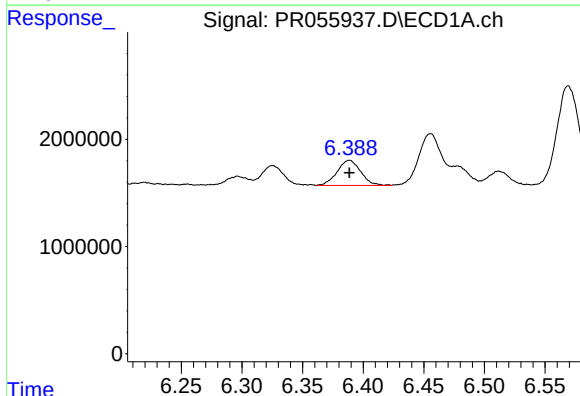
R.T.: 5.998 min
Delta R.T.: 0.001 min
Response: 5930181
Conc: 37.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



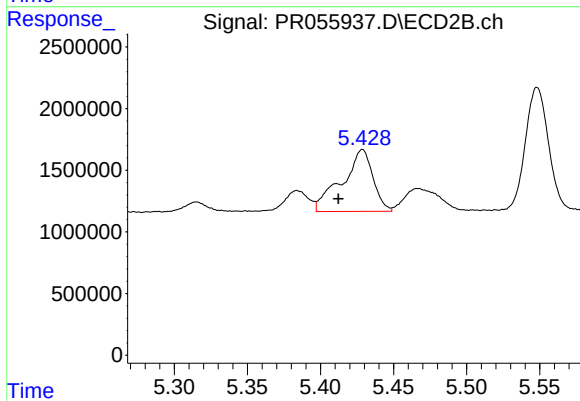
#27 AR-1254-2

R.T.: 4.991 min
Delta R.T.: -0.003 min
Response: 4095671
Conc: 42.06 ng/ml



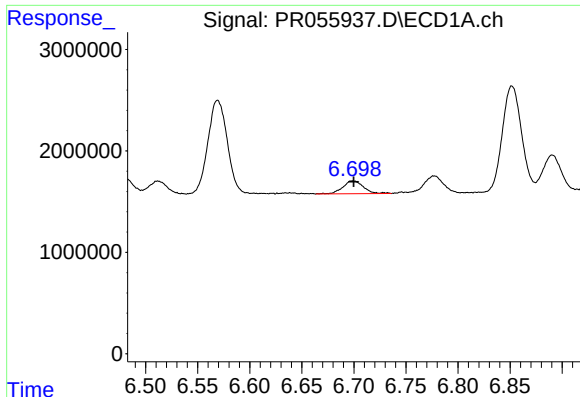
#28 AR-1254-3

R.T.: 6.389 min
Delta R.T.: 0.000 min
Response: 3169197
Conc: 19.78 ng/ml



#28 AR-1254-3

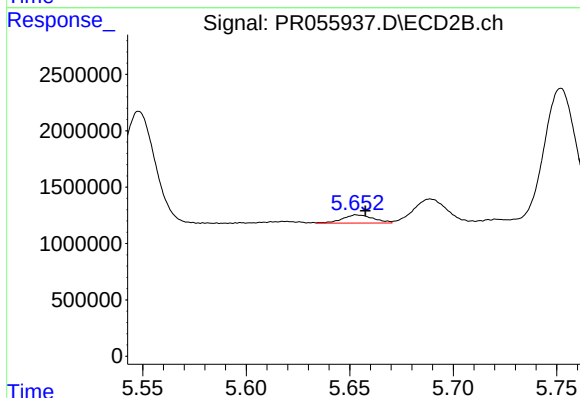
R.T.: 5.429 min
Delta R.T.: 0.016 min
Response: 7419944
Conc: 46.74 ng/ml



#29 AR-1254-4

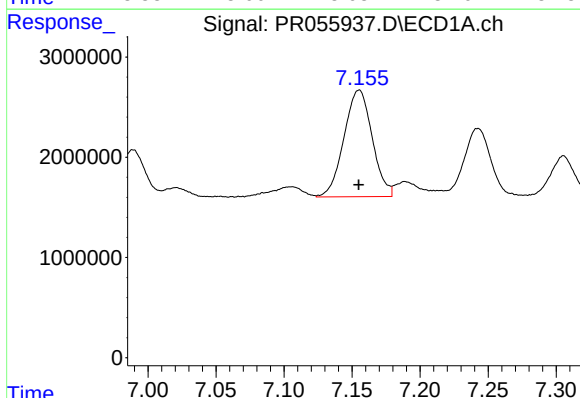
R.T.: 6.699 min
Delta R.T.: -0.001 min
Response: 1741162
Conc: 14.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



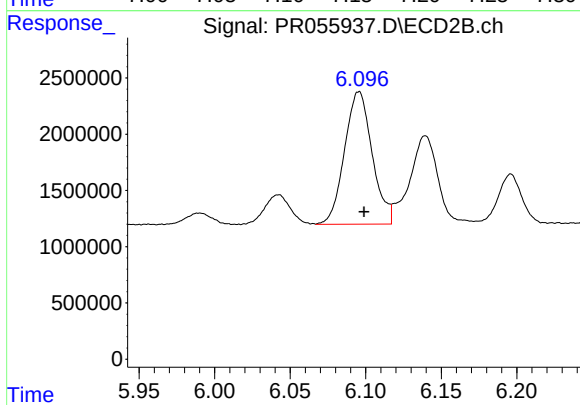
#29 AR-1254-4

R.T.: 5.654 min
Delta R.T.: -0.004 min
Response: 754923
Conc: 7.40 ng/ml



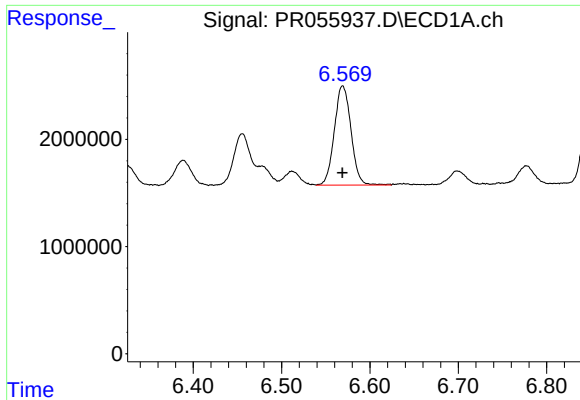
#30 AR-1254-5

R.T.: 7.155 min
Delta R.T.: 0.000 min
Response: 15378782
Conc: 127.31 ng/ml



#30 AR-1254-5

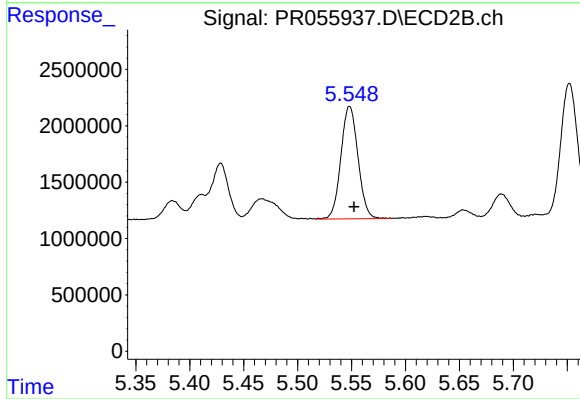
R.T.: 6.096 min
Delta R.T.: -0.003 min
Response: 15008354
Conc: 104.33 ng/ml



#31 AR-1260-1

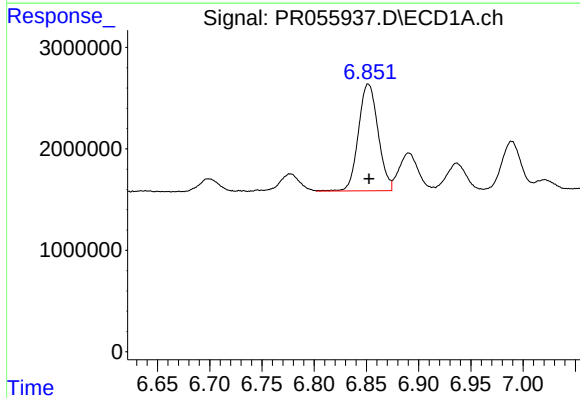
R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 12113601
Conc: 106.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



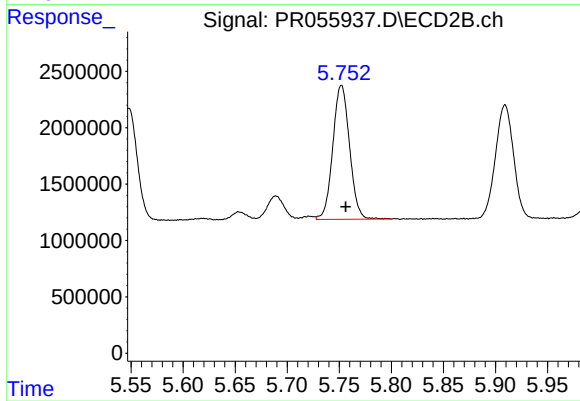
#31 AR-1260-1

R.T.: 5.548 min
Delta R.T.: -0.004 min
Response: 11033250
Conc: 102.96 ng/ml



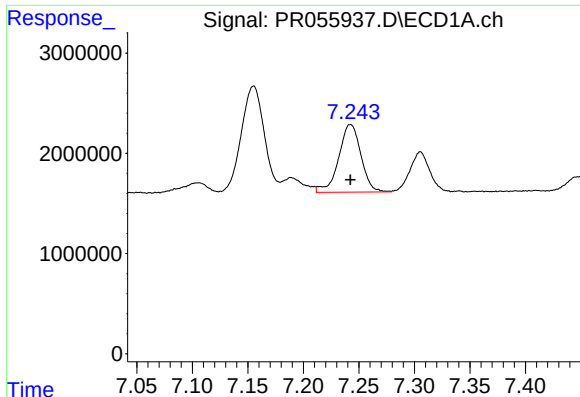
#32 AR-1260-2

R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 13752089
Conc: 105.56 ng/ml



#32 AR-1260-2

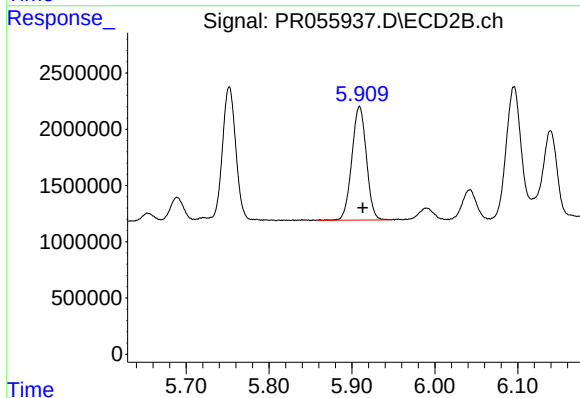
R.T.: 5.752 min
Delta R.T.: -0.004 min
Response: 13329245
Conc: 103.00 ng/ml



#33 AR-1260-3

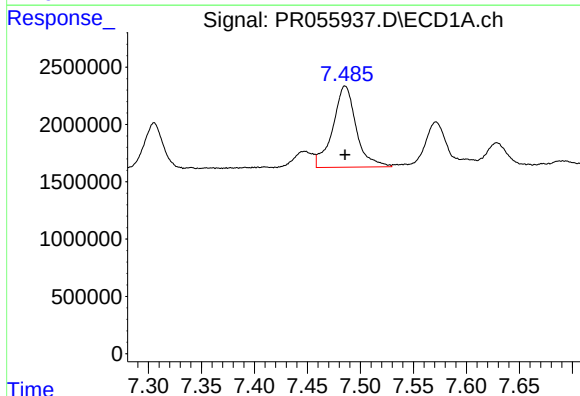
R.T.: 7.242 min
Delta R.T.: 0.000 min
Response: 9436261
Conc: 99.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



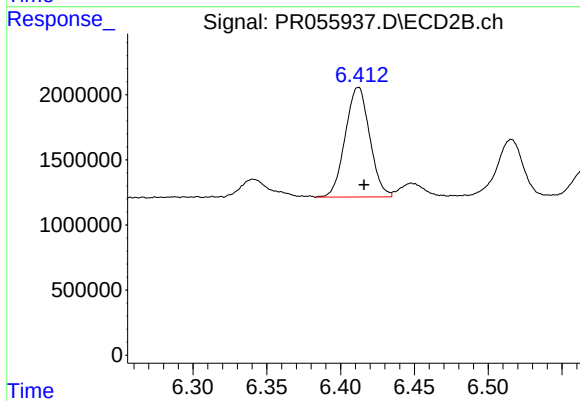
#33 AR-1260-3

R.T.: 5.909 min
Delta R.T.: -0.004 min
Response: 12310928
Conc: 100.37 ng/ml



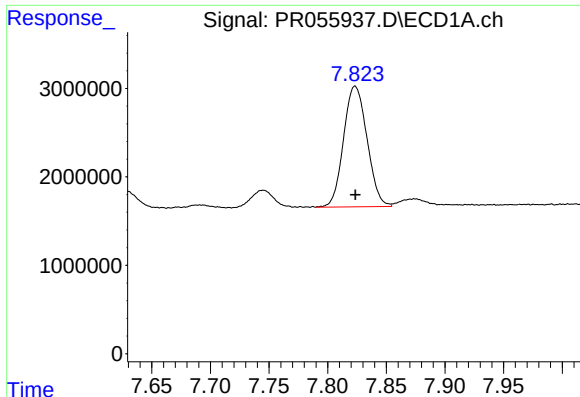
#34 AR-1260-4

R.T.: 7.486 min
Delta R.T.: 0.000 min
Response: 10895683
Conc: 100.10 ng/ml



#34 AR-1260-4

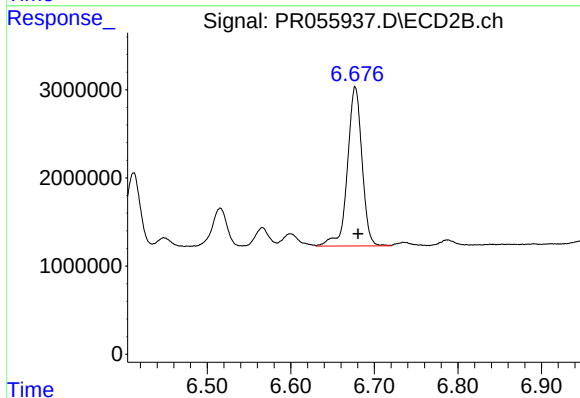
R.T.: 6.412 min
Delta R.T.: -0.004 min
Response: 9711759
Conc: 94.37 ng/ml



#35 AR-1260-5

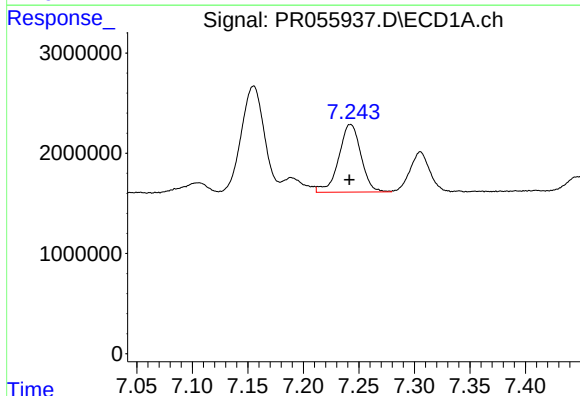
R.T.: 7.823 min
Delta R.T.: 0.000 min
Response: 19015966
Conc: 92.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



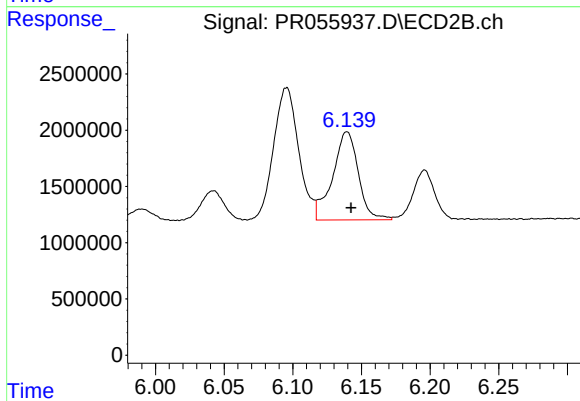
#35 AR-1260-5

R.T.: 6.677 min
Delta R.T.: -0.003 min
Response: 21818529
Conc: 90.64 ng/ml



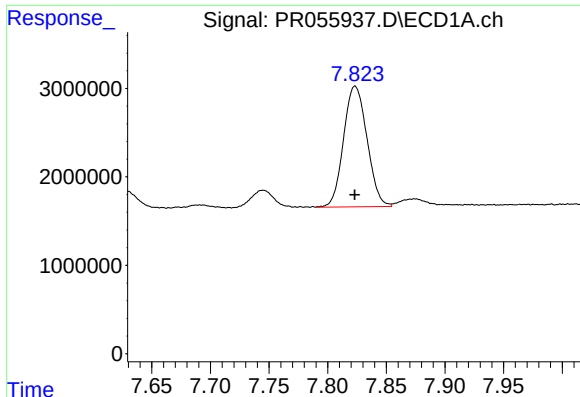
#36 AR-1262-1

R.T.: 7.242 min
Delta R.T.: 0.000 min
Response: 9436261
Conc: 66.22 ng/ml



#36 AR-1262-1

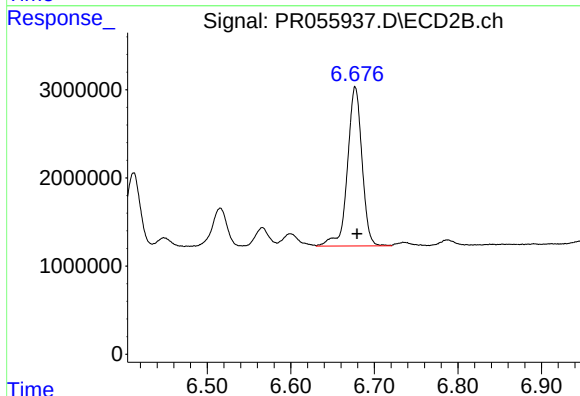
R.T.: 6.139 min
Delta R.T.: -0.003 min
Response: 10234352
Conc: 71.18 ng/ml



#37 AR-1262-2

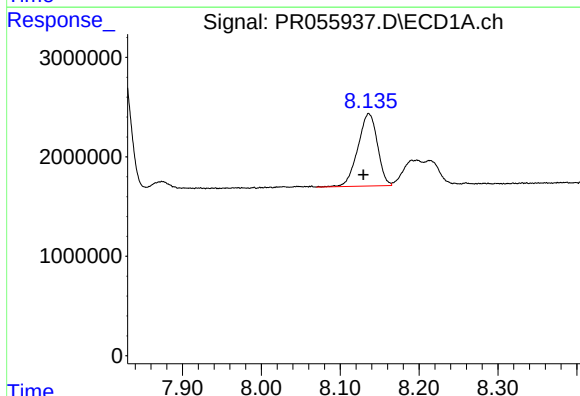
R.T.: 7.823 min
Delta R.T.: 0.000 min
Response: 19015966
Conc: 77.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



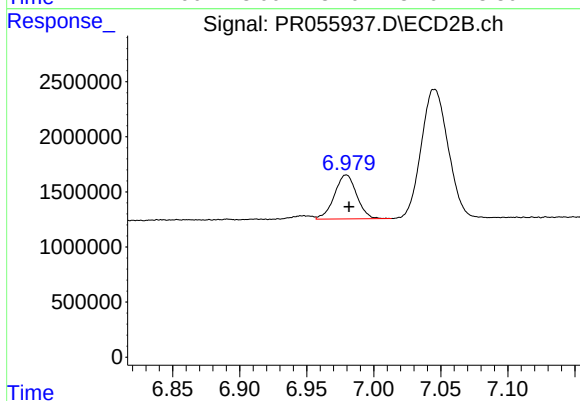
#37 AR-1262-2

R.T.: 6.677 min
Delta R.T.: -0.002 min
Response: 21818529
Conc: 82.61 ng/ml



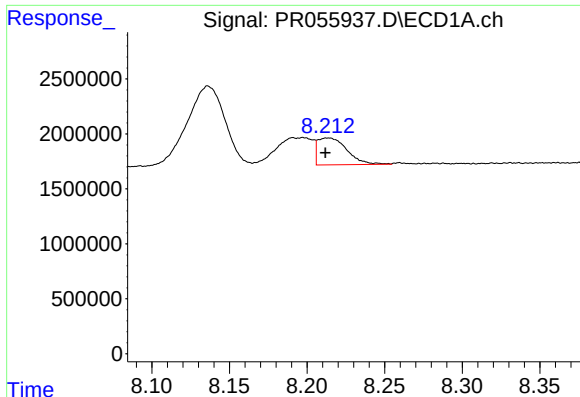
#38 AR-1262-3

R.T.: 8.136 min
Delta R.T.: 0.007 min
Response: 12548393
Conc: 74.15 ng/ml



#38 AR-1262-3

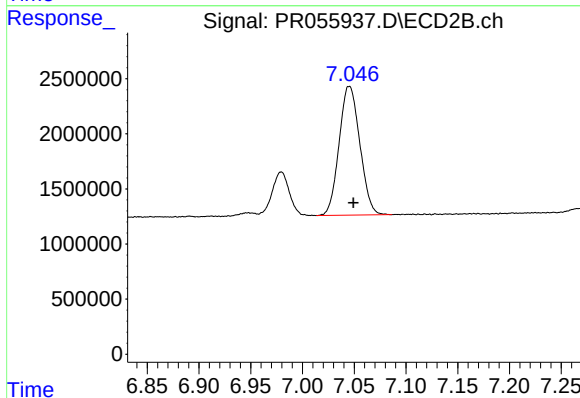
R.T.: 6.979 min
Delta R.T.: -0.002 min
Response: 4616839
Conc: 44.45 ng/ml



#39 AR-1262-4

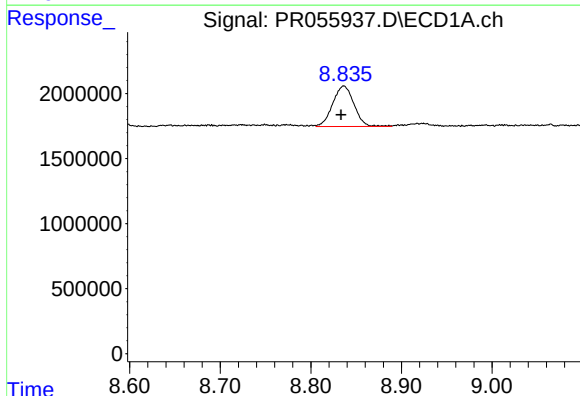
R.T.: 8.214 min
Delta R.T.: 0.002 min
Response: 3216523
Conc: 37.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



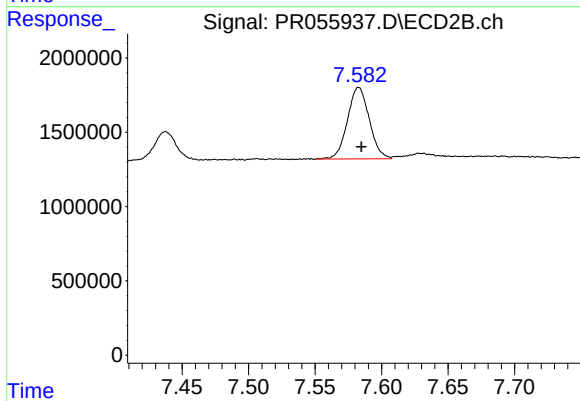
#39 AR-1262-4

R.T.: 7.045 min
Delta R.T.: -0.004 min
Response: 16286417
Conc: 82.98 ng/ml



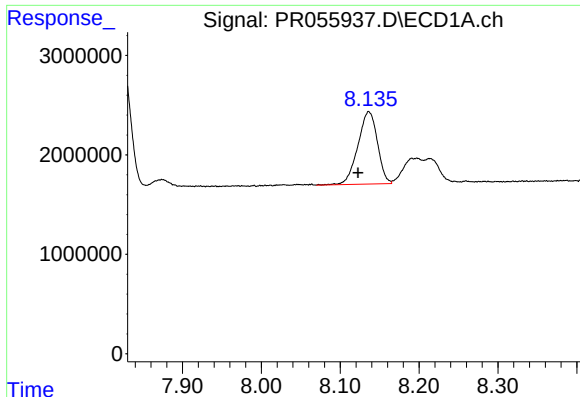
#40 AR-1262-5

R.T.: 8.836 min
Delta R.T.: 0.003 min
Response: 5087959
Conc: 55.17 ng/ml



#40 AR-1262-5

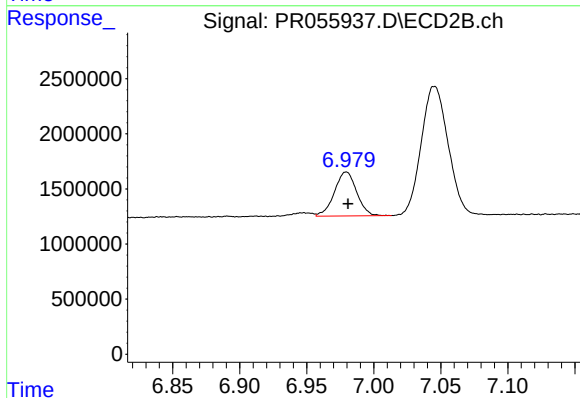
R.T.: 7.583 min
Delta R.T.: -0.002 min
Response: 5477414
Conc: 58.31 ng/ml



#41 AR-1268-1

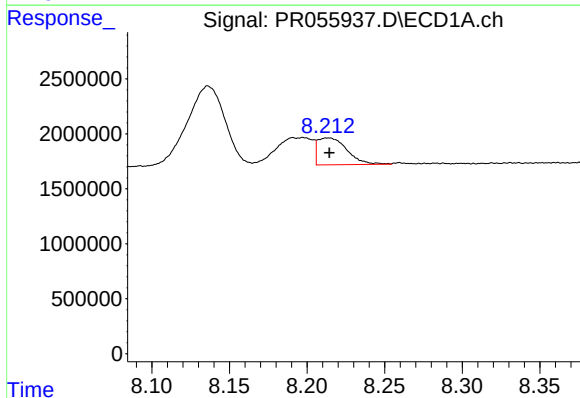
R.T.: 8.136 min
Delta R.T.: 0.013 min
Response: 12548393
Conc: 43.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



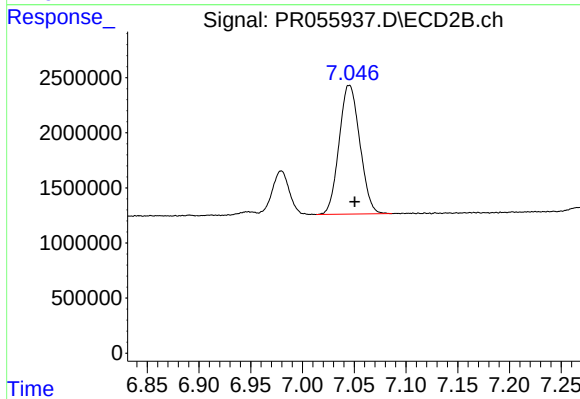
#41 AR-1268-1

R.T.: 6.979 min
Delta R.T.: -0.001 min
Response: 4616839
Conc: 14.76 ng/ml



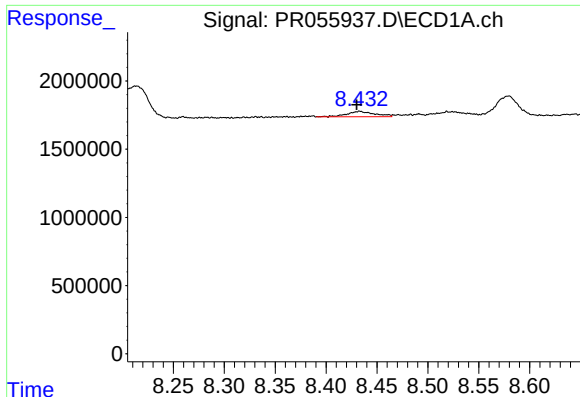
#42 AR-1268-2

R.T.: 8.214 min
Delta R.T.: 0.000 min
Response: 3216523
Conc: 12.01 ng/ml



#42 AR-1268-2

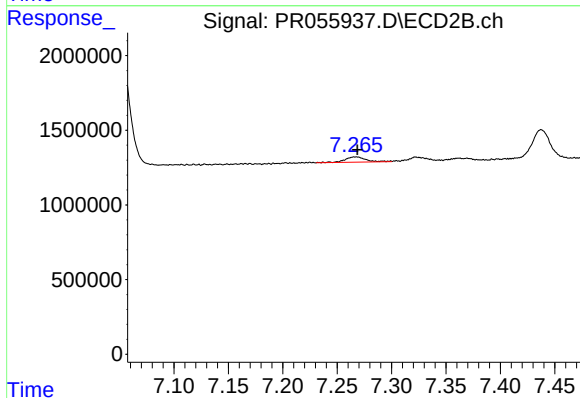
R.T.: 7.045 min
Delta R.T.: -0.005 min
Response: 16286417
Conc: 57.39 ng/ml



#43 AR-1268-3

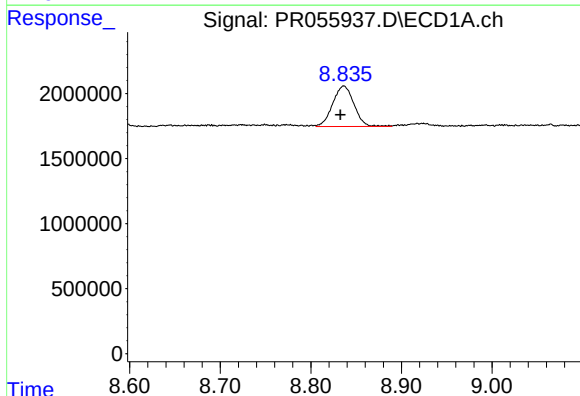
R.T.: 8.433 min
Delta R.T.: 0.003 min
Response: 745761
Conc: 3.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



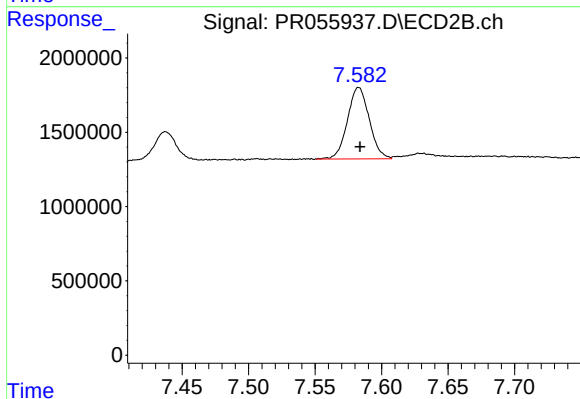
#43 AR-1268-3

R.T.: 7.267 min
Delta R.T.: -0.002 min
Response: 482528
Conc: 1.98 ng/ml



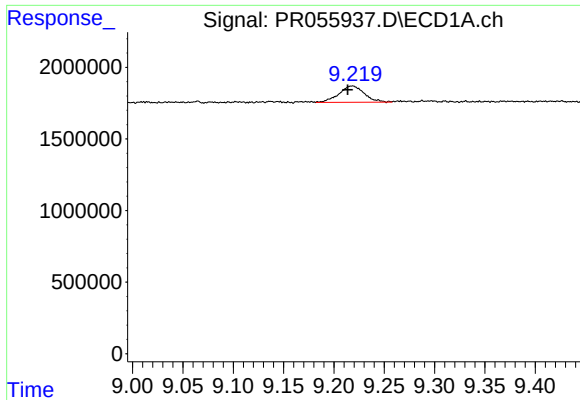
#44 AR-1268-4

R.T.: 8.836 min
Delta R.T.: 0.004 min
Response: 5087959
Conc: 48.57 ng/ml



#44 AR-1268-4

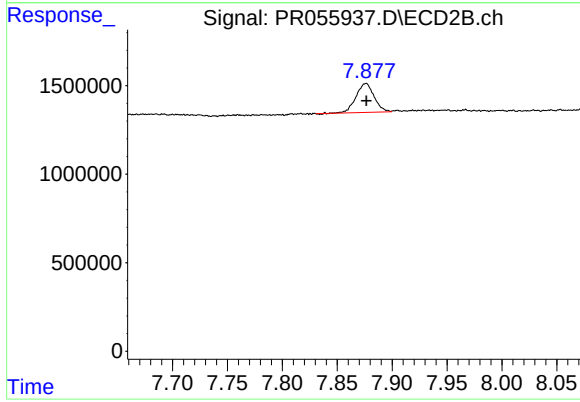
R.T.: 7.583 min
Delta R.T.: -0.001 min
Response: 5477414
Conc: 50.97 ng/ml



#45 AR-1268-5

R.T.: 9.218 min
Delta R.T.: 0.005 min
Response: 1984393
Conc: 2.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.876 min
Delta R.T.: 0.000 min
Response: 1885510
Conc: 2.40 ng/ml