

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122019\
 Data File : PR044073.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2019 16:40
 Operator : SM\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: Dec 21 03:49:04 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121519CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Dec 16 06:15:17 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...	4.705	3.958	96491735	248.2E6	24.142	22.482
2)	SA Decachlor...	10.612	9.049	237.7E6	459.5E6	49.814	45.544
Target Compounds							
3)	L1 AR-1016-1	5.883	5.051	75707441	120.0E6	476.470	347.835 #
4)	L1 AR-1016-2	5.906	5.071	107.9E6	170.2E6	474.777	353.826 #
5)	L1 AR-1016-3	5.968	5.249	64532782	93401472	479.844	428.603
6)	L1 AR-1016-4	6.069	5.289	53937872	73554134	477.619	407.416
7)	L1 AR-1016-5	6.362	5.505	54186698	100.6E6	479.637	425.823
8)	L2 AR-1221-1	4.910	4.168	4775131	4674822	122.985	40.956 #
9)	L2 AR-1221-2	5.002	4.257	6822997	10647836	251.950	130.510 #
10)	L2 AR-1221-3	5.080	4.333	32547167	57792876	331.851	207.138 #
11)	L3 AR-1232-1	5.080	4.333	32547167	57792876	406.200	250.453 #
12)	L3 AR-1232-2	5.615	5.071	48917534	170.2E6	1107.370	781.659 #
13)	L3 AR-1232-3	5.906	5.249	107.9E6	93401472	1130.575	985.132
14)	L3 AR-1232-4	6.069	5.332	53937872	89439526	1152.384	1032.907
15)	L3 AR-1232-5	6.155	5.505	47860094	100.6E6	1397.887	1023.177 #
16)	L4 AR-1242-1	5.883	5.071	75707441	170.2E6	598.365	591.562
17)	L4 AR-1242-2	5.906	5.071	107.9E6	170.2E6	595.538	430.386 #
18)	L4 AR-1242-3	5.968	5.249	64532782	93401472	594.396	491.433
19)	L4 AR-1242-4	6.069	5.332	53937872	89439526	597.430	489.201
20)	L4 AR-1242-5	6.806	5.858	9354825	89827498	85.152	302.818 #
21)	L5 AR-1248-1	5.883	5.051	75707441	120.0E6	755.975	521.676 #
22)	L5 AR-1248-2	6.155	5.289	47860094	73554134	349.090	281.109
23)	L5 AR-1248-3	6.362	5.332	54186698	89439526	342.767	337.827
24)	L5 AR-1248-4	6.766	5.505	9867921	100.6E6	50.819	302.344 #
25)	L5 AR-1248-5	6.806	5.899	9354825	17872679	51.014	43.721
26)	L6 AR-1254-1	6.740	5.858	39555251	89827498	206.979	149.182 #
27)	L6 AR-1254-2	6.956	6.005	38316466	87958318	125.682	162.085 #
28)	L6 AR-1254-3	7.327	6.426	26452188	214.2E6	76.707	224.668 #
29)	L6 AR-1254-4	7.612	6.639	19017140	27181179	72.590	40.980 #
30)	L6 AR-1254-5	8.031	7.057	166.3E6	343.2E6	586.799	394.391 #
31)	L7 AR-1260-1	7.488	6.541	107.3E6	235.1E6	464.354	430.267
32)	L7 AR-1260-2	7.744	6.728	135.7E6	351.3E6	475.612	437.684
33)	L7 AR-1260-3	8.104	6.883	107.2E6	281.9E6	477.553	422.151
34)	L7 AR-1260-4	8.343	7.356	124.3E6	244.5E6	480.133	435.478
35)	L7 AR-1260-5	8.680	7.598	270.3E6	735.7E6	484.013	437.020
36)	L8 AR-1262-1	8.165	7.057	51563897	343.2E6	358.484	693.780 #
37)	L8 AR-1262-2	8.680	7.598	270.3E6	735.7E6	380.811	338.328
38)	L8 AR-1262-3	9.032	7.882	168.1E6	159.9E6	364.997	185.100 #
39)	L8 AR-1262-4	9.088	7.946	102.8E6	465.6E6	301.449	327.463
40)	L8 AR-1262-5	9.808	8.462	69240932	168.4E6	288.410	263.456
41)	L9 AR-1268-1	9.032	7.882	168.1E6	159.9E6	208.790	65.386 #

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 Acq On : 20 Dec 2019 16:40
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

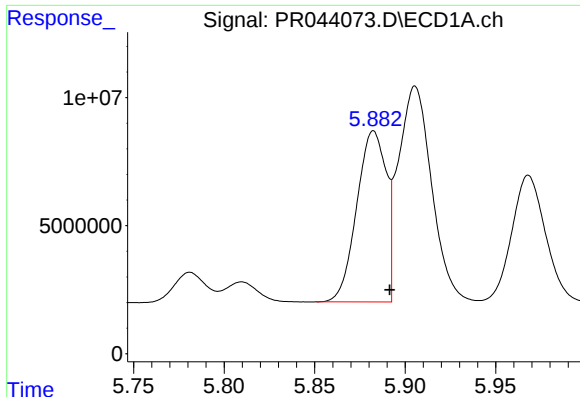
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 03:49:04 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121519CLP.M
 Quant Title : GC EXTRACTABLES
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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	9.088	7.946	102.8E6	465.6E6	139.508	222.610 #
43) L9	AR-1268-3	9.352	8.157	4795941	9724075	7.793	5.400 #
44) L9	AR-1268-4	9.808	8.462	69240932	168.4E6	261.727	239.017
45) L9	AR-1268-5	10.252	8.774	25324695	52036806	12.279	10.662

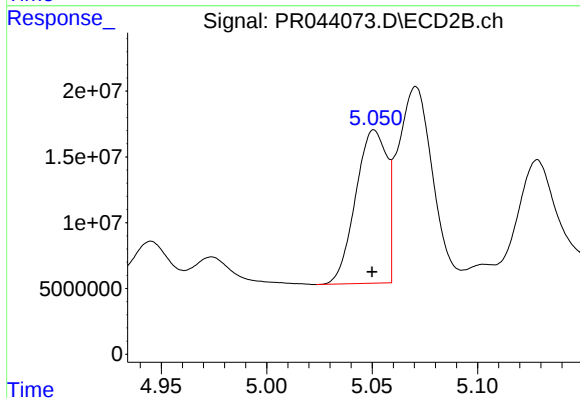
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

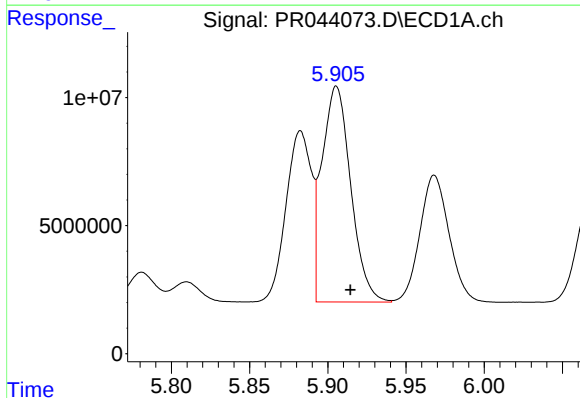
R.T.: 5.883 min
Delta R.T.: -0.009 min
Response: 75707441
Conc: 476.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



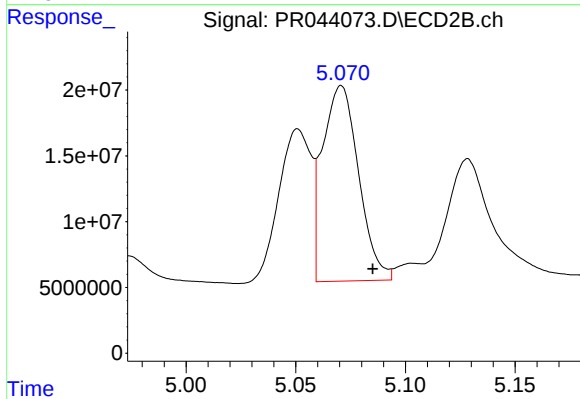
#3 AR-1016-1

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 120029163
Conc: 347.84 ng/ml



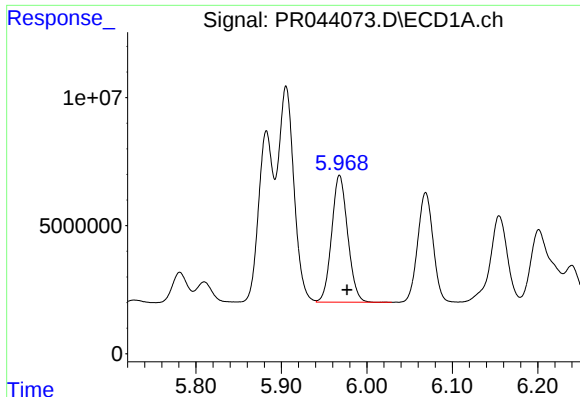
#4 AR-1016-2

R.T.: 5.906 min
Delta R.T.: -0.009 min
Response: 107913757
Conc: 474.78 ng/ml



#4 AR-1016-2

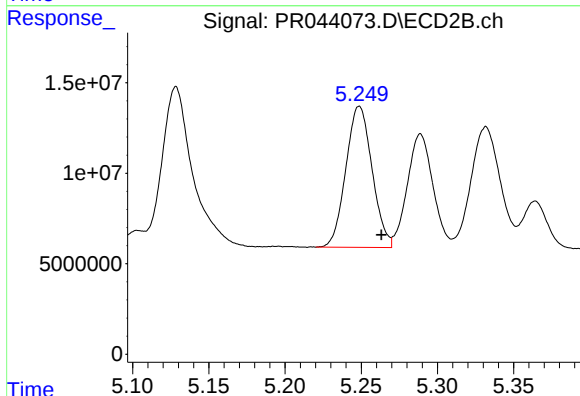
R.T.: 5.071 min
Delta R.T.: -0.014 min
Response: 170191268
Conc: 353.83 ng/ml



#5 AR-1016-3

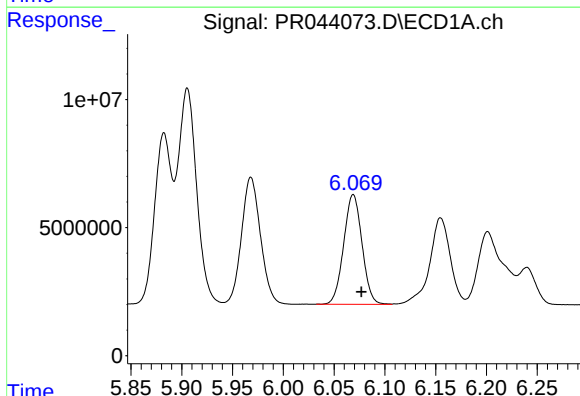
R.T.: 5.968 min
Delta R.T.: -0.009 min
Response: 64532782
Conc: 479.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



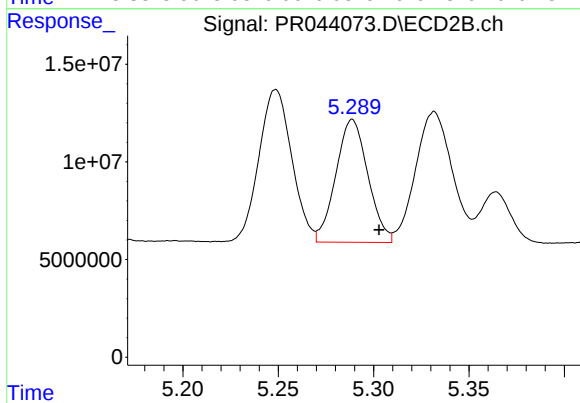
#5 AR-1016-3

R.T.: 5.249 min
Delta R.T.: -0.014 min
Response: 93401472
Conc: 428.60 ng/ml



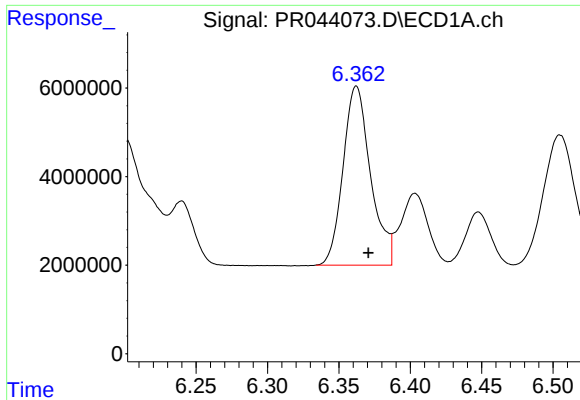
#6 AR-1016-4

R.T.: 6.069 min
Delta R.T.: -0.008 min
Response: 53937872
Conc: 477.62 ng/ml



#6 AR-1016-4

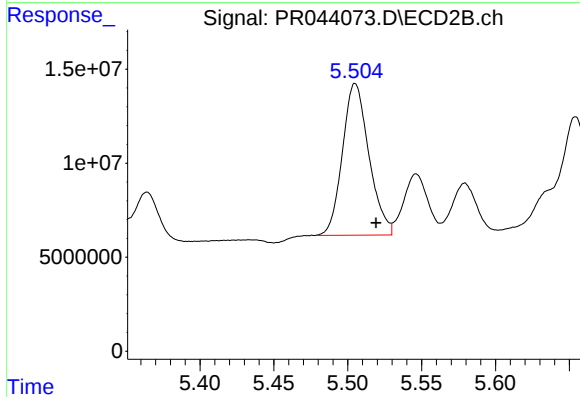
R.T.: 5.289 min
Delta R.T.: -0.014 min
Response: 73554134
Conc: 407.42 ng/ml



#7 AR-1016-5

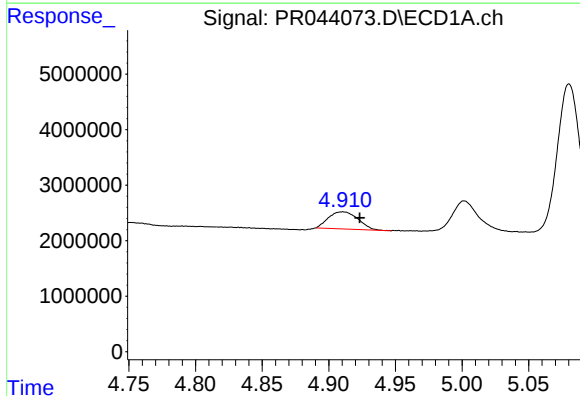
R.T.: 6.362 min
Delta R.T.: -0.008 min
Response: 54186698
Conc: 479.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



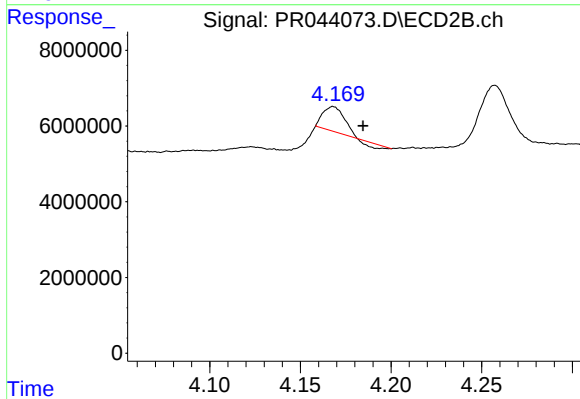
#7 AR-1016-5

R.T.: 5.505 min
Delta R.T.: -0.014 min
Response: 100611038
Conc: 425.82 ng/ml



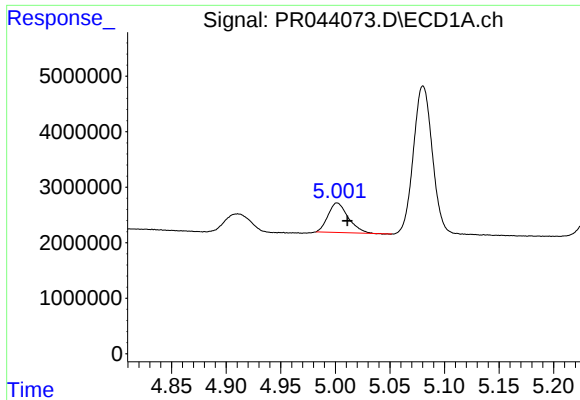
#8 AR-1221-1

R.T.: 4.910 min
Delta R.T.: -0.013 min
Response: 4775131
Conc: 122.98 ng/ml



#8 AR-1221-1

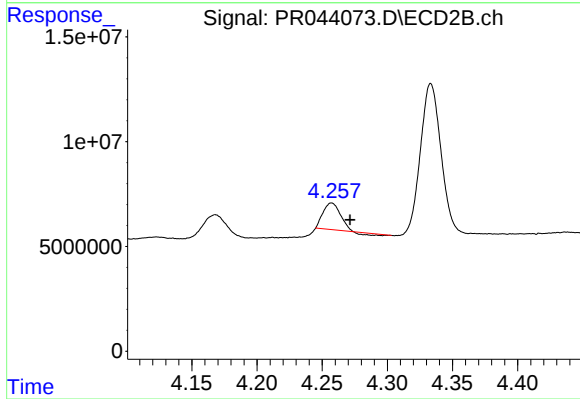
R.T.: 4.168 min
Delta R.T.: -0.017 min
Response: 4674822
Conc: 40.96 ng/ml



#9 AR-1221-2

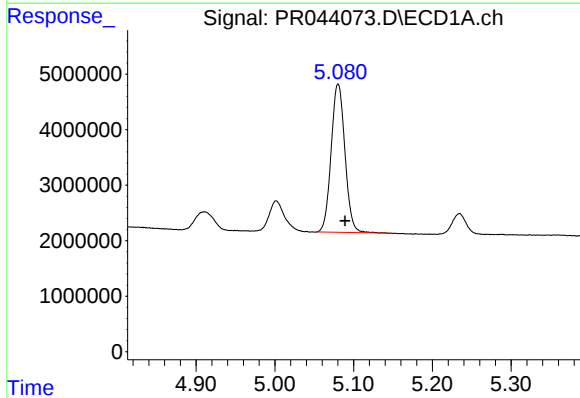
R.T.: 5.002 min
Delta R.T.: -0.009 min
Response: 6822997
Conc: 251.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



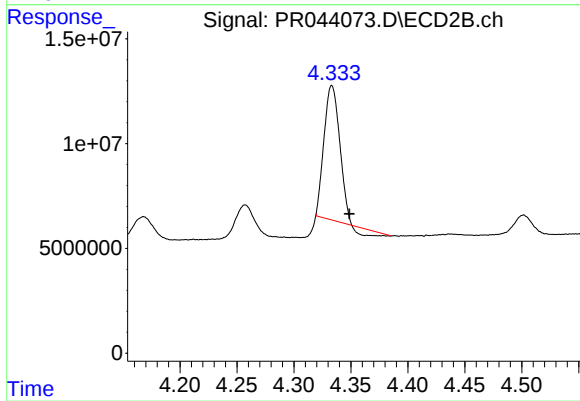
#9 AR-1221-2

R.T.: 4.257 min
Delta R.T.: -0.014 min
Response: 10647836
Conc: 130.51 ng/ml



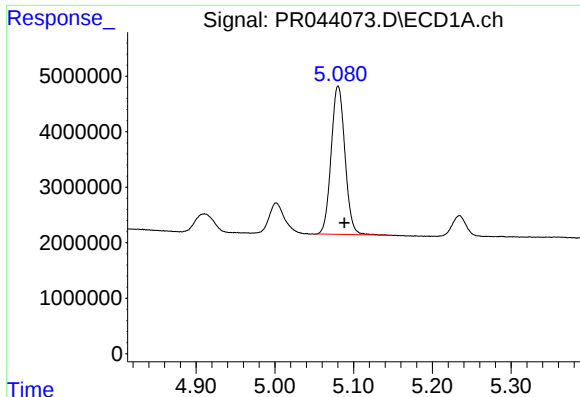
#10 AR-1221-3

R.T.: 5.080 min
Delta R.T.: -0.009 min
Response: 32547167
Conc: 331.85 ng/ml



#10 AR-1221-3

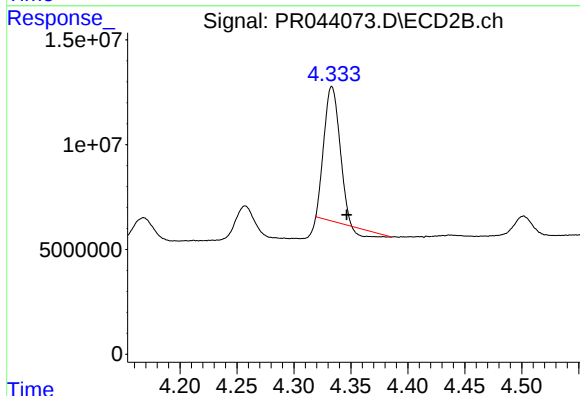
R.T.: 4.333 min
Delta R.T.: -0.015 min
Response: 57792876
Conc: 207.14 ng/ml



#11 AR-1232-1

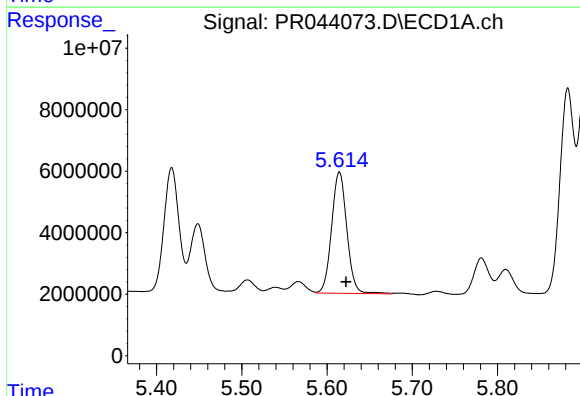
R.T.: 5.080 min
Delta R.T.: -0.008 min
Response: 32547167
Conc: 406.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



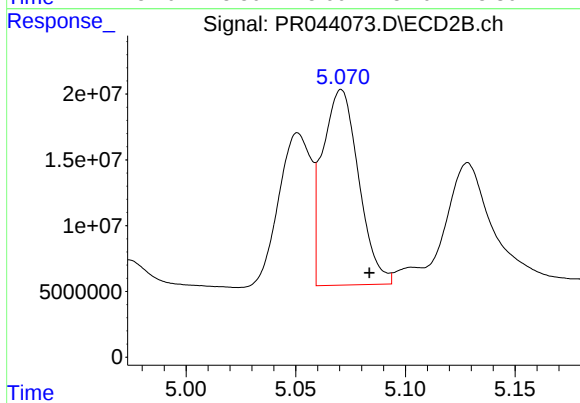
#11 AR-1232-1

R.T.: 4.333 min
Delta R.T.: -0.013 min
Response: 57792876
Conc: 250.45 ng/ml



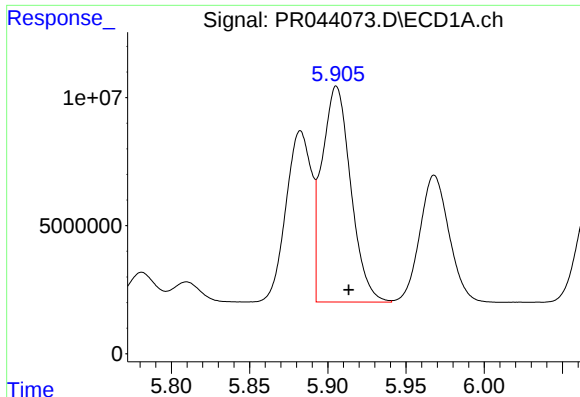
#12 AR-1232-2

R.T.: 5.615 min
Delta R.T.: -0.008 min
Response: 48917534
Conc: 1107.37 ng/ml



#12 AR-1232-2

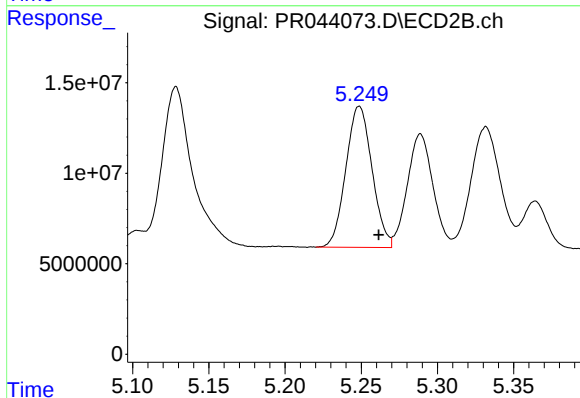
R.T.: 5.071 min
Delta R.T.: -0.013 min
Response: 170191268
Conc: 781.66 ng/ml



#13 AR-1232-3

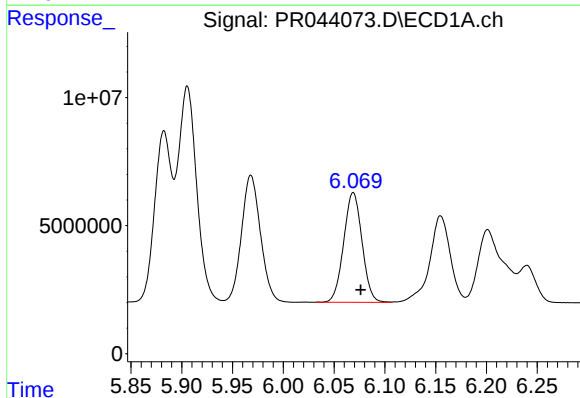
R.T.: 5.906 min
Delta R.T.: -0.008 min
Response: 107913757
Conc: 1130.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



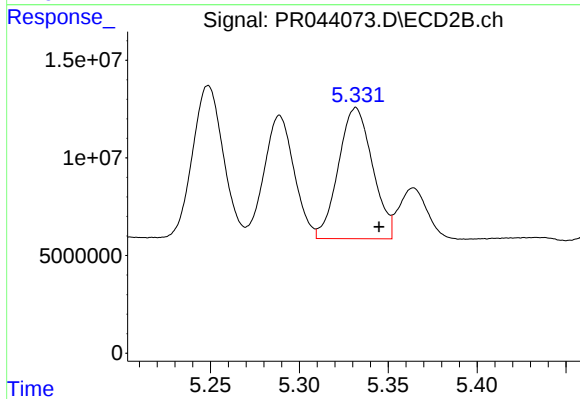
#13 AR-1232-3

R.T.: 5.249 min
Delta R.T.: -0.013 min
Response: 93401472
Conc: 985.13 ng/ml



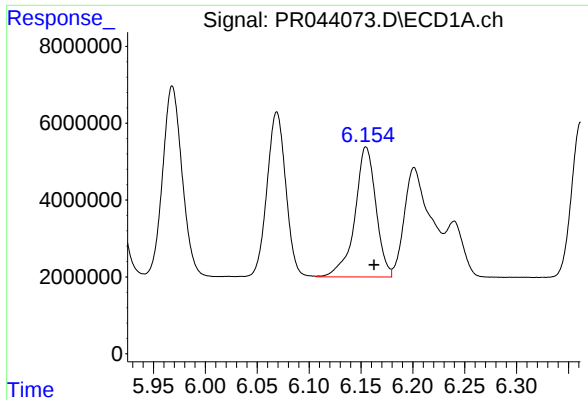
#14 AR-1232-4

R.T.: 6.069 min
Delta R.T.: -0.007 min
Response: 53937872
Conc: 1152.38 ng/ml



#14 AR-1232-4

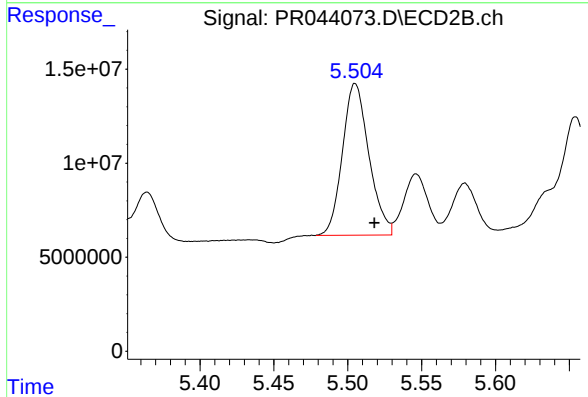
R.T.: 5.332 min
Delta R.T.: -0.013 min
Response: 89439526
Conc: 1032.91 ng/ml



#15 AR-1232-5

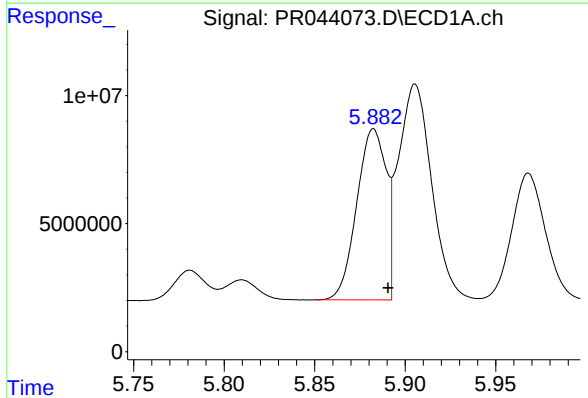
R.T.: 6.155 min
Delta R.T.: -0.008 min
Response: 47860094
Conc: 1397.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



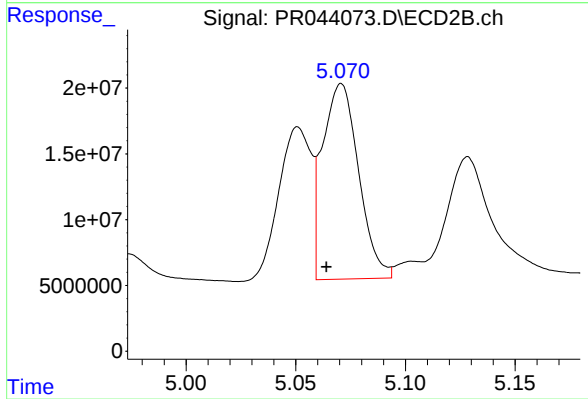
#15 AR-1232-5

R.T.: 5.505 min
Delta R.T.: -0.013 min
Response: 100611038
Conc: 1023.18 ng/ml



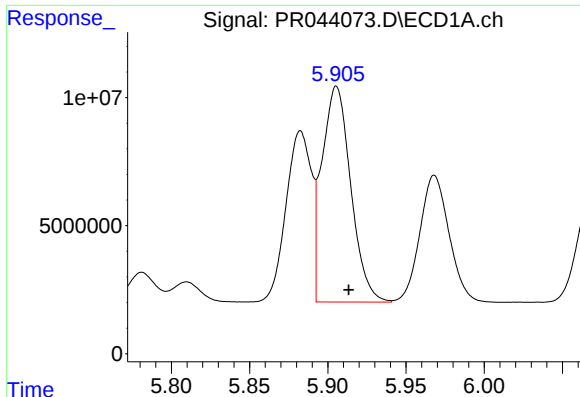
#16 AR-1242-1

R.T.: 5.883 min
Delta R.T.: -0.008 min
Response: 75707441
Conc: 598.36 ng/ml



#16 AR-1242-1

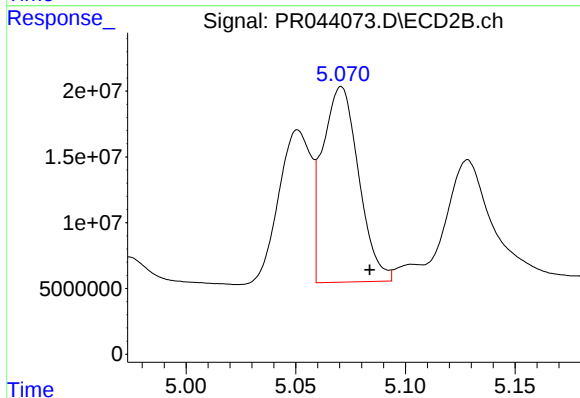
R.T.: 5.071 min
Delta R.T.: 0.007 min
Response: 170191268
Conc: 591.56 ng/ml



#17 AR-1242-2

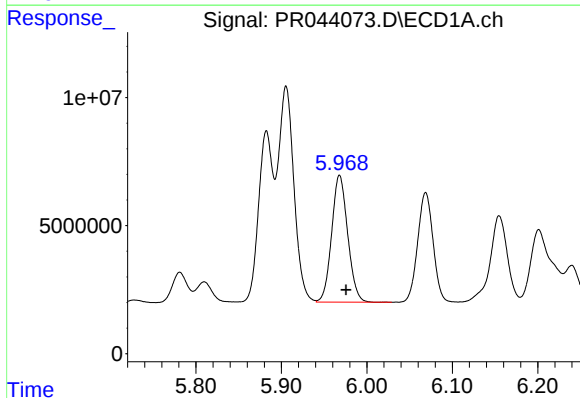
R.T.: 5.906 min
Delta R.T.: -0.008 min
Response: 107913757
Conc: 595.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



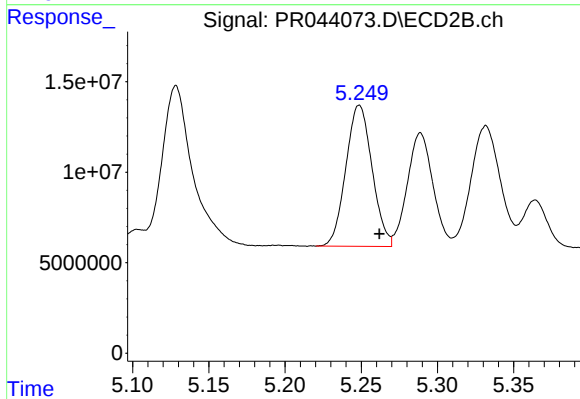
#17 AR-1242-2

R.T.: 5.071 min
Delta R.T.: -0.013 min
Response: 170191268
Conc: 430.39 ng/ml



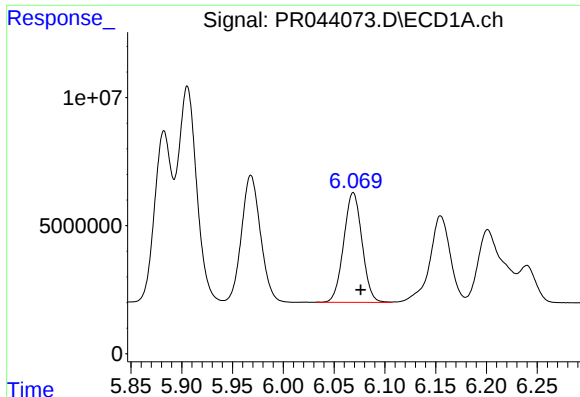
#18 AR-1242-3

R.T.: 5.968 min
Delta R.T.: -0.008 min
Response: 64532782
Conc: 594.40 ng/ml



#18 AR-1242-3

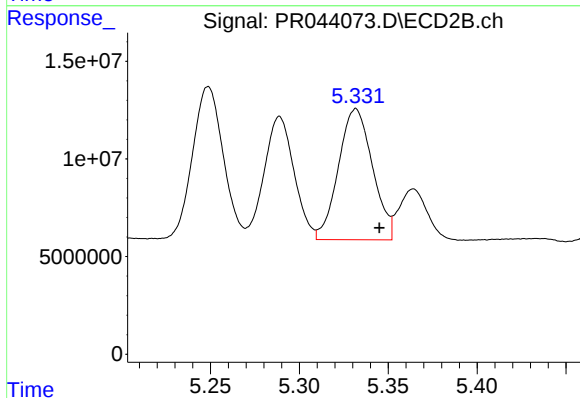
R.T.: 5.249 min
Delta R.T.: -0.013 min
Response: 93401472
Conc: 491.43 ng/ml



#19 AR-1242-4

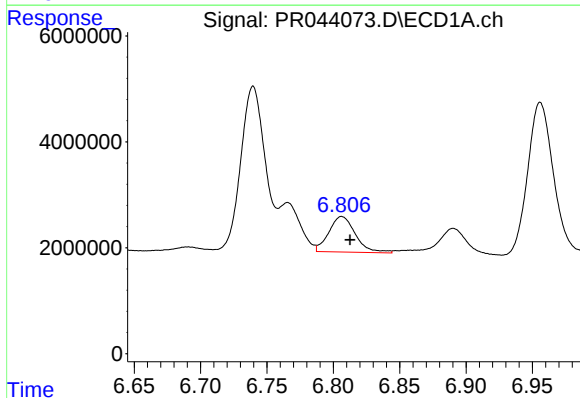
R.T.: 6.069 min
Delta R.T.: -0.007 min
Response: 53937872
Conc: 597.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



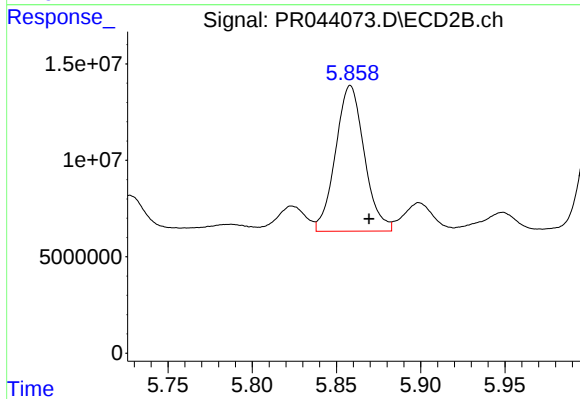
#19 AR-1242-4

R.T.: 5.332 min
Delta R.T.: -0.013 min
Response: 89439526
Conc: 489.20 ng/ml



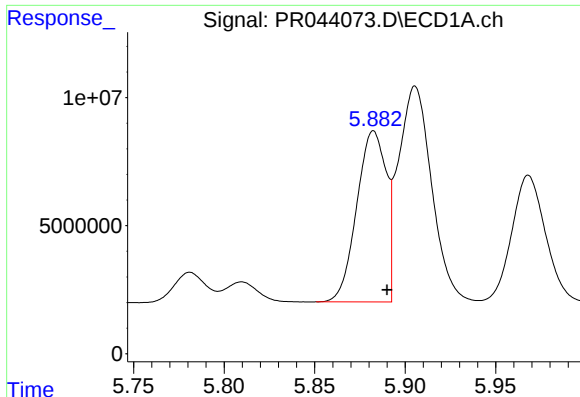
#20 AR-1242-5

R.T.: 6.806 min
Delta R.T.: -0.006 min
Response: 9354825
Conc: 85.15 ng/ml



#20 AR-1242-5

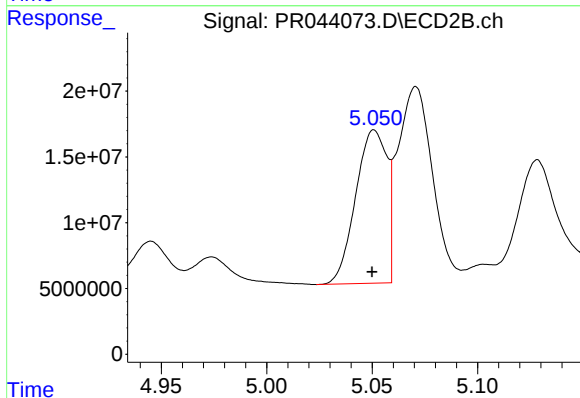
R.T.: 5.858 min
Delta R.T.: -0.011 min
Response: 89827498
Conc: 302.82 ng/ml



#21 AR-1248-1

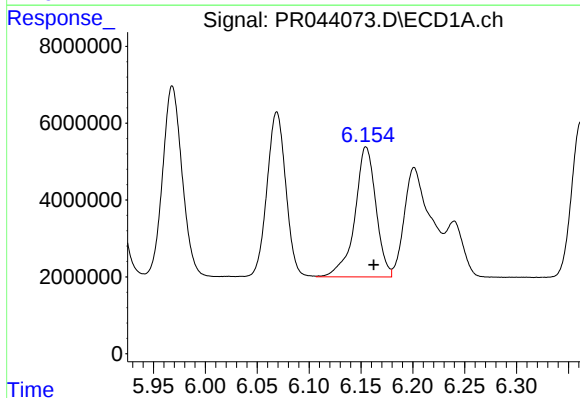
R.T.: 5.883 min
Delta R.T.: -0.007 min
Response: 75707441
Conc: 755.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



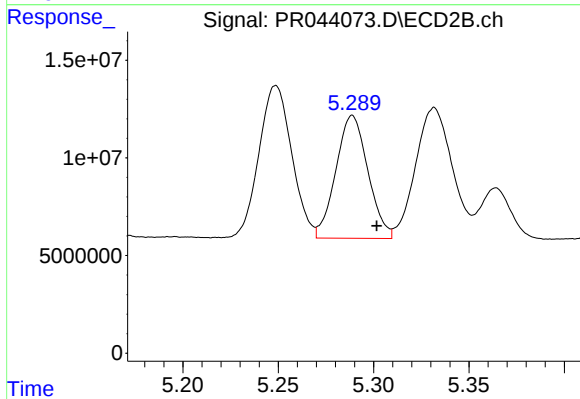
#21 AR-1248-1

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 120029163
Conc: 521.68 ng/ml



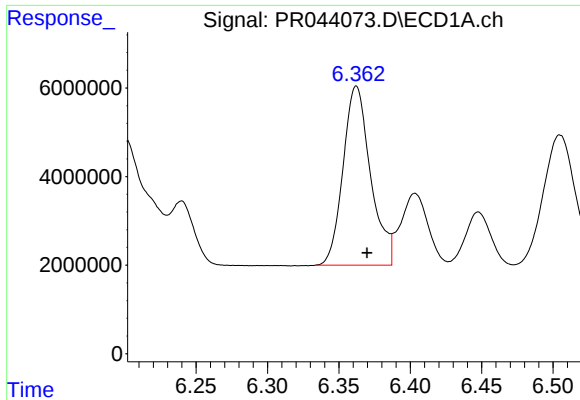
#22 AR-1248-2

R.T.: 6.155 min
Delta R.T.: -0.008 min
Response: 47860094
Conc: 349.09 ng/ml



#22 AR-1248-2

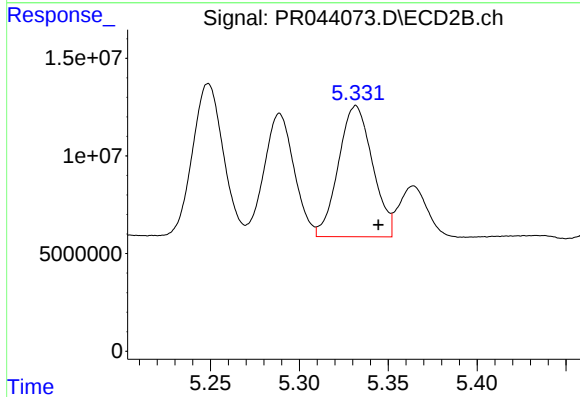
R.T.: 5.289 min
Delta R.T.: -0.013 min
Response: 73554134
Conc: 281.11 ng/ml



#23 AR-1248-3

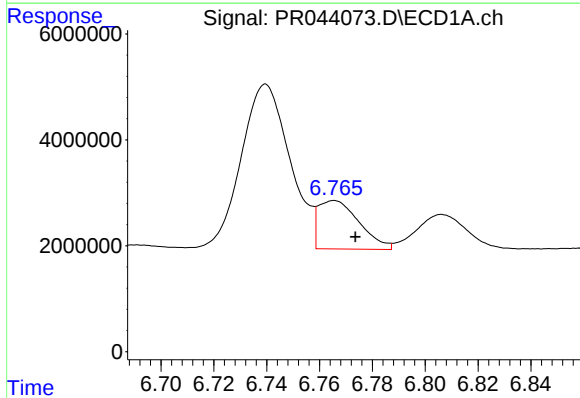
R.T.: 6.362 min
Delta R.T.: -0.008 min
Response: 54186698
Conc: 342.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



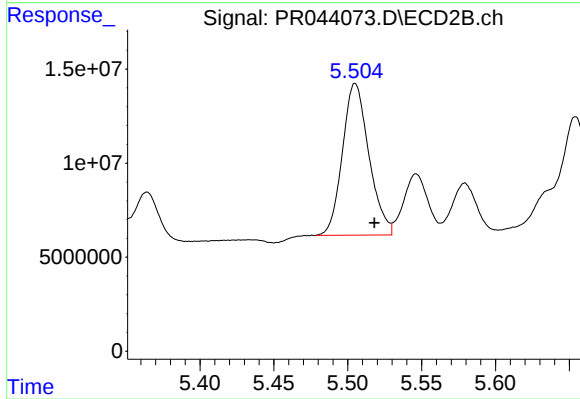
#23 AR-1248-3

R.T.: 5.332 min
Delta R.T.: -0.013 min
Response: 89439526
Conc: 337.83 ng/ml



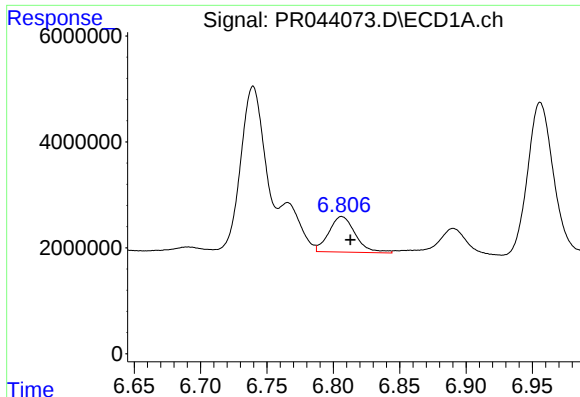
#24 AR-1248-4

R.T.: 6.766 min
Delta R.T.: -0.008 min
Response: 9867921
Conc: 50.82 ng/ml



#24 AR-1248-4

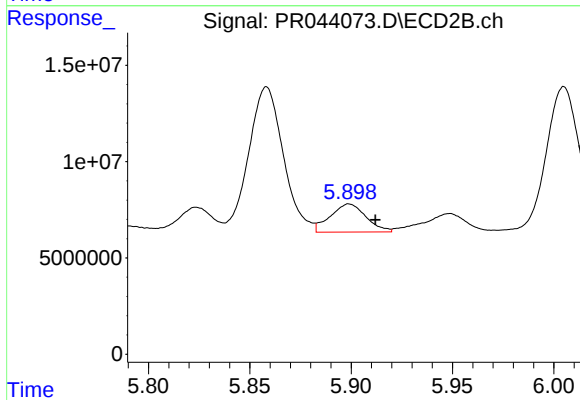
R.T.: 5.505 min
Delta R.T.: -0.013 min
Response: 100611038
Conc: 302.34 ng/ml



#25 AR-1248-5

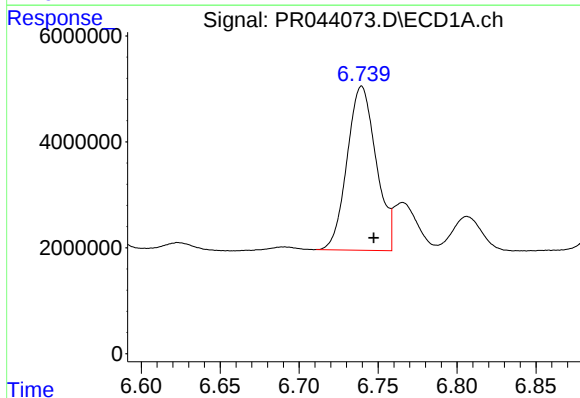
R.T.: 6.806 min
Delta R.T.: -0.007 min
Response: 9354825
Conc: 51.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



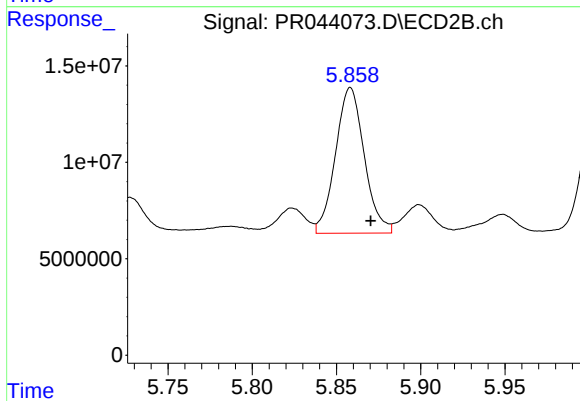
#25 AR-1248-5

R.T.: 5.899 min
Delta R.T.: -0.013 min
Response: 17872679
Conc: 43.72 ng/ml



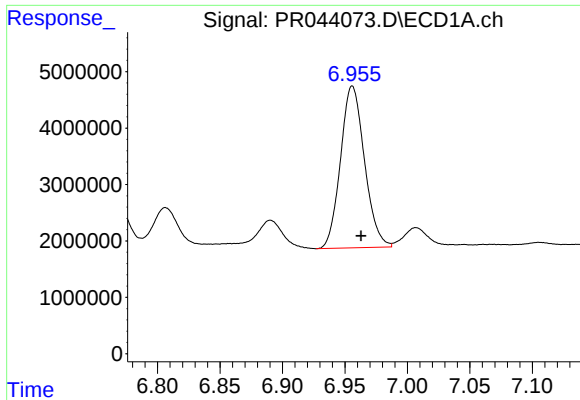
#26 AR-1254-1

R.T.: 6.740 min
Delta R.T.: -0.008 min
Response: 39555251
Conc: 206.98 ng/ml



#26 AR-1254-1

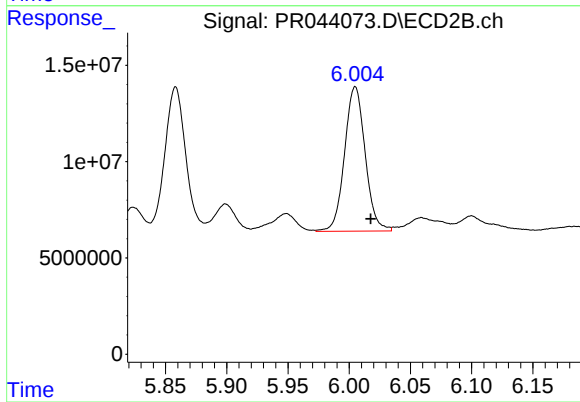
R.T.: 5.858 min
Delta R.T.: -0.012 min
Response: 89827498
Conc: 149.18 ng/ml



#27 AR-1254-2

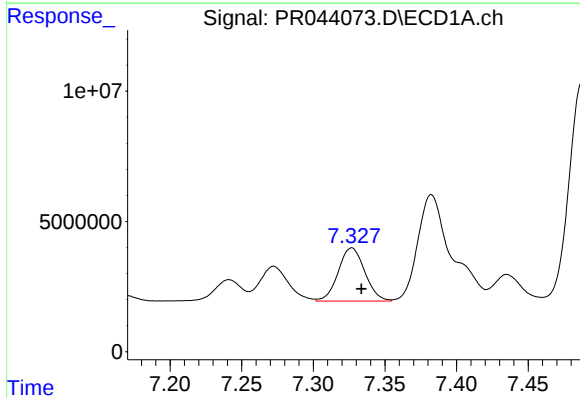
R.T.: 6.956 min
Delta R.T.: -0.007 min
Response: 38316466
Conc: 125.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



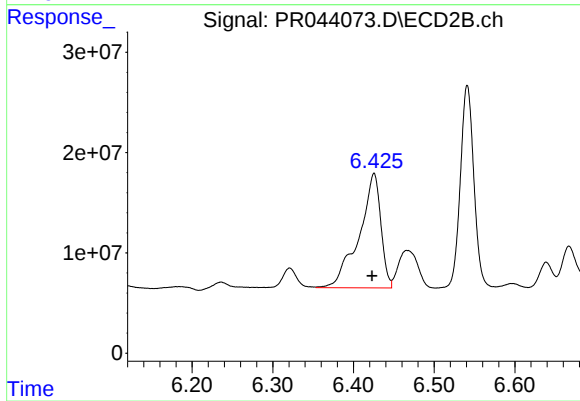
#27 AR-1254-2

R.T.: 6.005 min
Delta R.T.: -0.013 min
Response: 87958318
Conc: 162.09 ng/ml



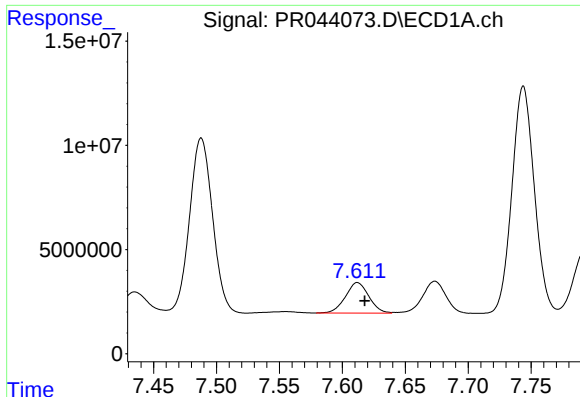
#28 AR-1254-3

R.T.: 7.327 min
Delta R.T.: -0.007 min
Response: 26452188
Conc: 76.71 ng/ml



#28 AR-1254-3

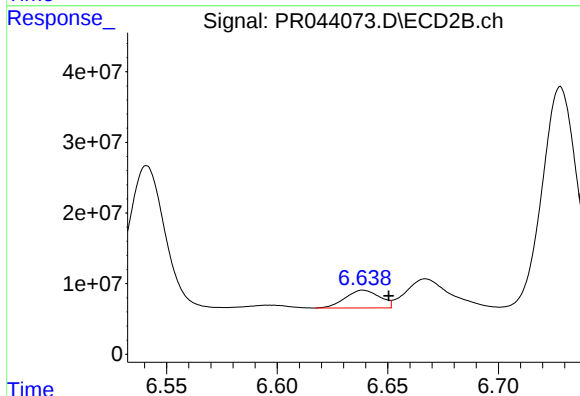
R.T.: 6.426 min
Delta R.T.: 0.002 min
Response: 214199682
Conc: 224.67 ng/ml



#29 AR-1254-4

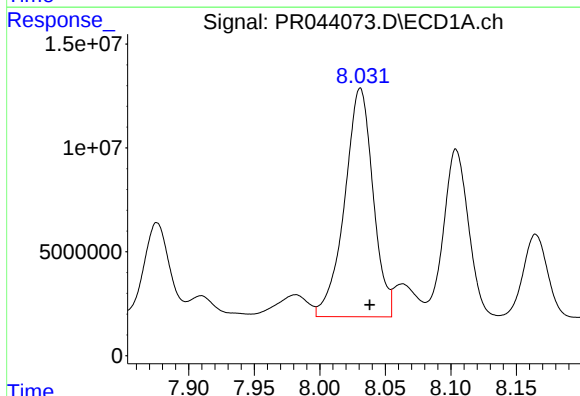
R.T.: 7.612 min
Delta R.T.: -0.006 min
Response: 19017140
Conc: 72.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



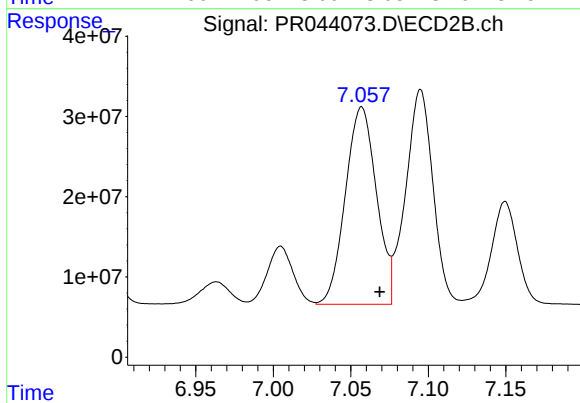
#29 AR-1254-4

R.T.: 6.639 min
Delta R.T.: -0.011 min
Response: 27181179
Conc: 40.98 ng/ml



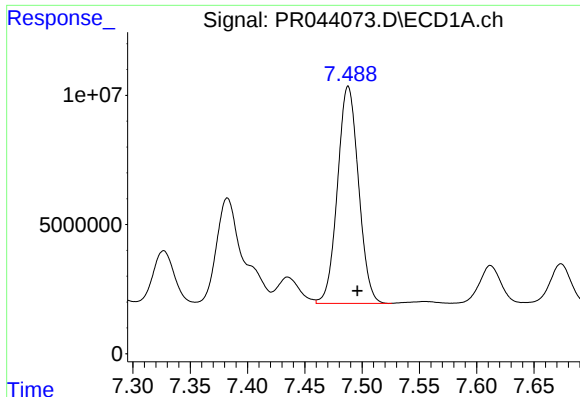
#30 AR-1254-5

R.T.: 8.031 min
Delta R.T.: -0.007 min
Response: 166288123
Conc: 586.80 ng/ml



#30 AR-1254-5

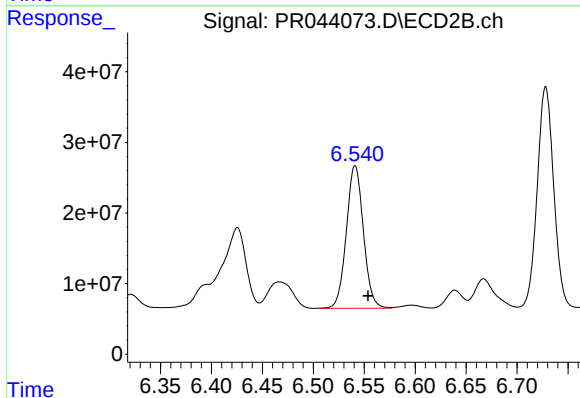
R.T.: 7.057 min
Delta R.T.: -0.012 min
Response: 343200027
Conc: 394.39 ng/ml



#31 AR-1260-1

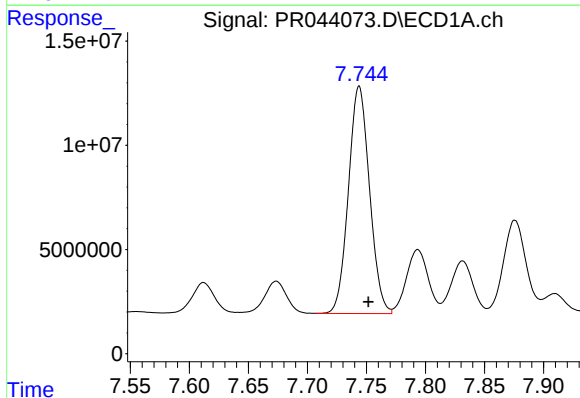
R.T.: 7.488 min
Delta R.T.: -0.008 min
Response: 107343035
Conc: 464.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



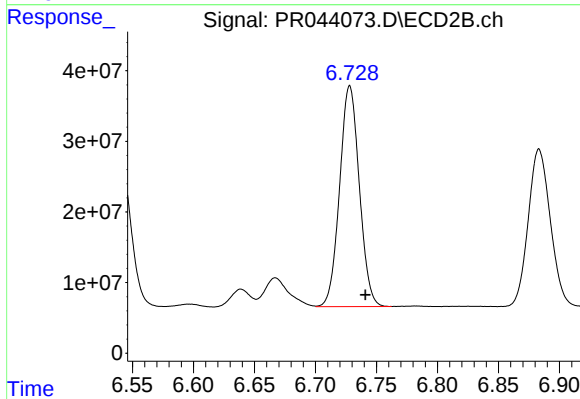
#31 AR-1260-1

R.T.: 6.541 min
Delta R.T.: -0.013 min
Response: 235138841
Conc: 430.27 ng/ml



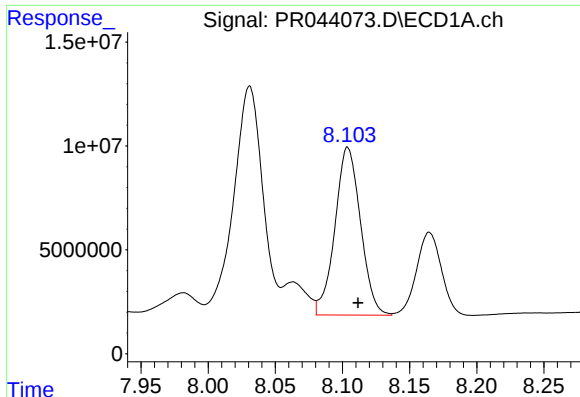
#32 AR-1260-2

R.T.: 7.744 min
Delta R.T.: -0.008 min
Response: 135706868
Conc: 475.61 ng/ml



#32 AR-1260-2

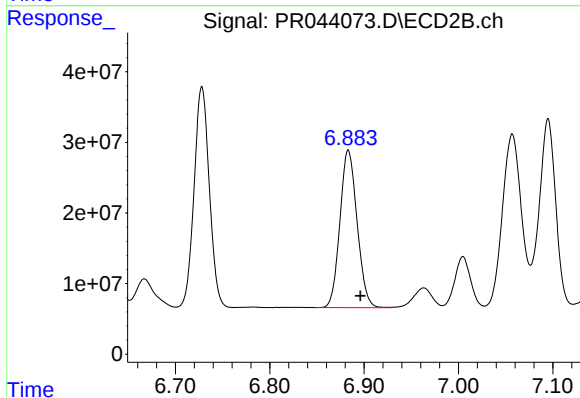
R.T.: 6.728 min
Delta R.T.: -0.013 min
Response: 351257926
Conc: 437.68 ng/ml



#33 AR-1260-3

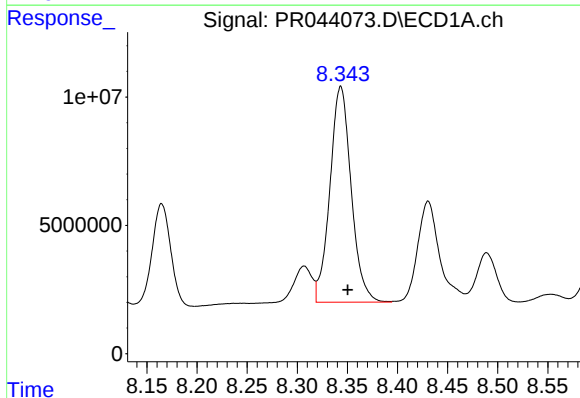
R.T.: 8.104 min
Delta R.T.: -0.008 min
Response: 107230428
Conc: 477.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



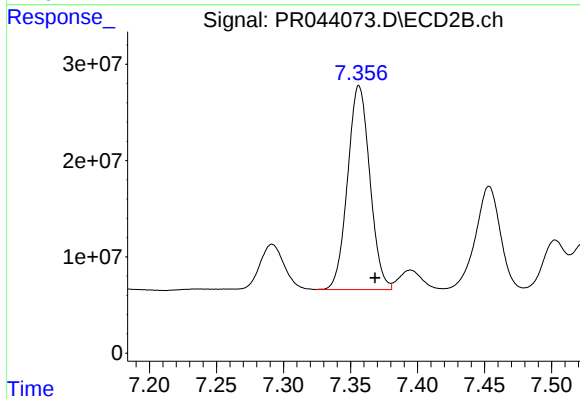
#33 AR-1260-3

R.T.: 6.883 min
Delta R.T.: -0.013 min
Response: 281937005
Conc: 422.15 ng/ml



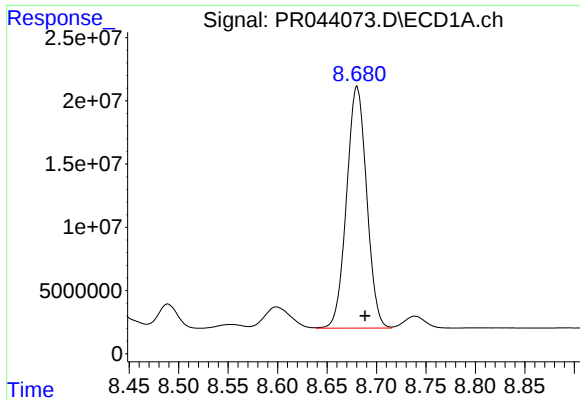
#34 AR-1260-4

R.T.: 8.343 min
Delta R.T.: -0.007 min
Response: 124324057
Conc: 480.13 ng/ml



#34 AR-1260-4

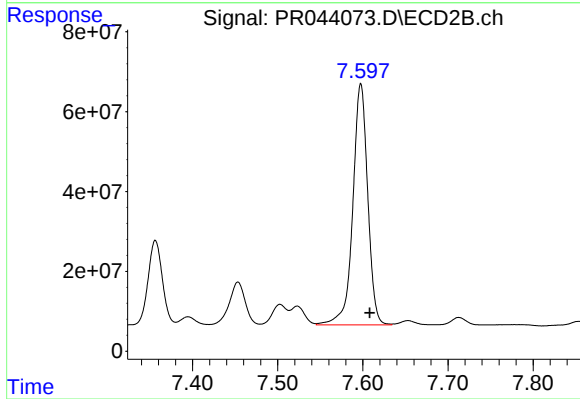
R.T.: 7.356 min
Delta R.T.: -0.012 min
Response: 244460218
Conc: 435.48 ng/ml



#35 AR-1260-5

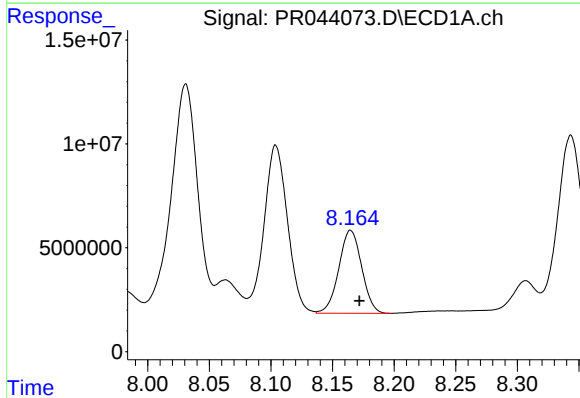
R.T.: 8.680 min
Delta R.T.: -0.008 min
Response: 270349171
Conc: 484.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



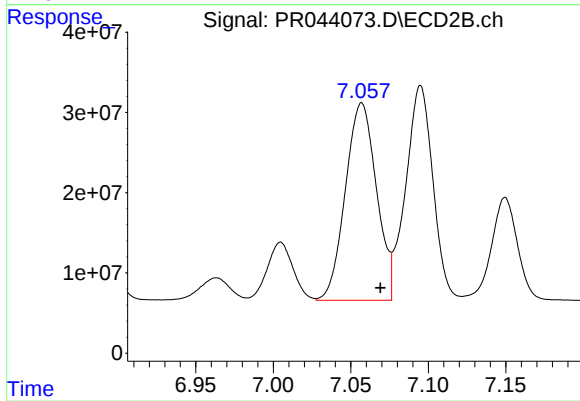
#35 AR-1260-5

R.T.: 7.598 min
Delta R.T.: -0.010 min
Response: 735672330
Conc: 437.02 ng/ml



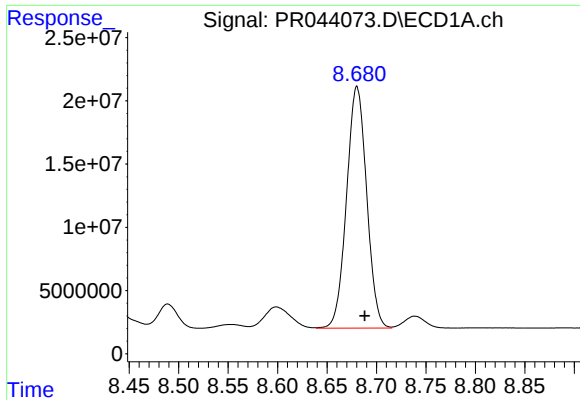
#36 AR-1262-1

R.T.: 8.165 min
Delta R.T.: -0.007 min
Response: 51563897
Conc: 358.48 ng/ml



#36 AR-1262-1

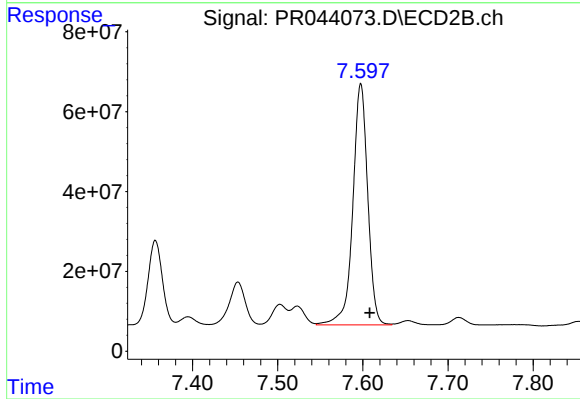
R.T.: 7.057 min
Delta R.T.: -0.012 min
Response: 343200027
Conc: 693.78 ng/ml



#37 AR-1262-2

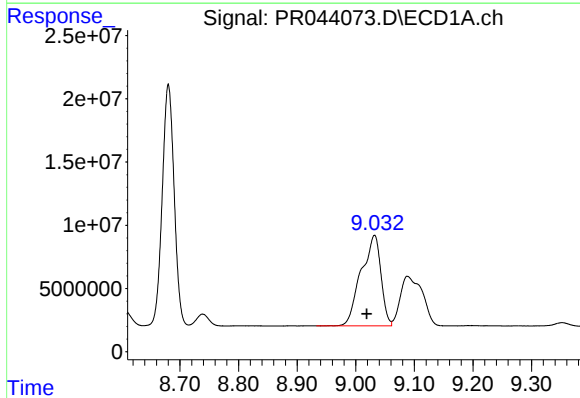
R.T.: 8.680 min
Delta R.T.: -0.008 min
Response: 270349171
Conc: 380.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



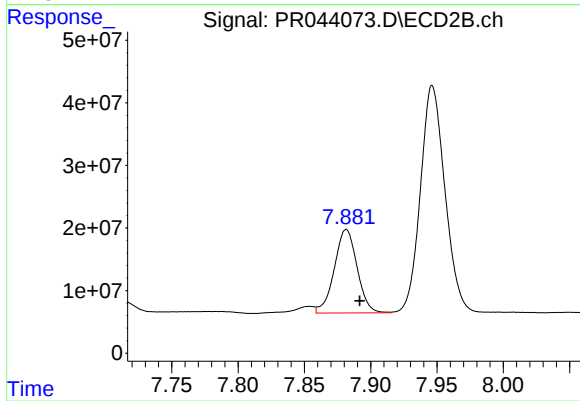
#37 AR-1262-2

R.T.: 7.598 min
Delta R.T.: -0.010 min
Response: 735672330
Conc: 338.33 ng/ml



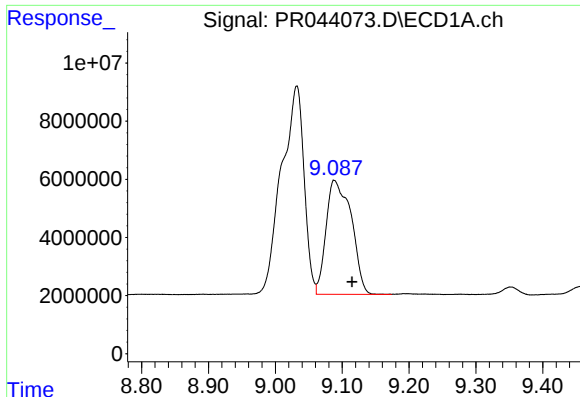
#38 AR-1262-3

R.T.: 9.032 min
Delta R.T.: 0.013 min
Response: 168133059
Conc: 365.00 ng/ml



#38 AR-1262-3

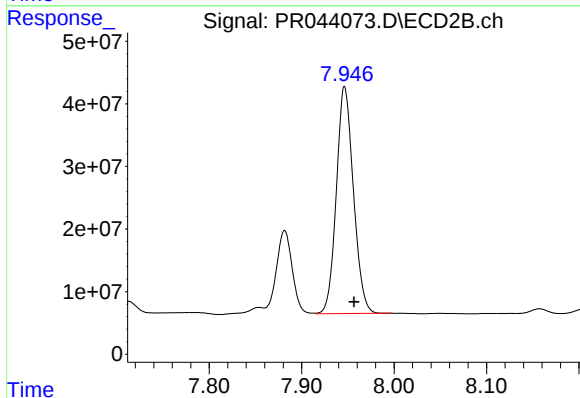
R.T.: 7.882 min
Delta R.T.: -0.010 min
Response: 159876873
Conc: 185.10 ng/ml



#39 AR-1262-4

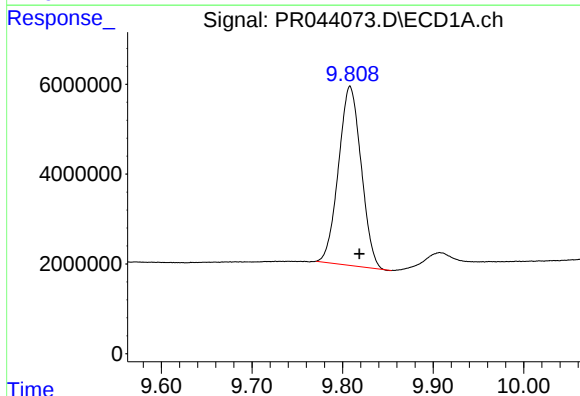
R.T.: 9.088 min
Delta R.T.: -0.027 min
Response: 102791071
Conc: 301.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



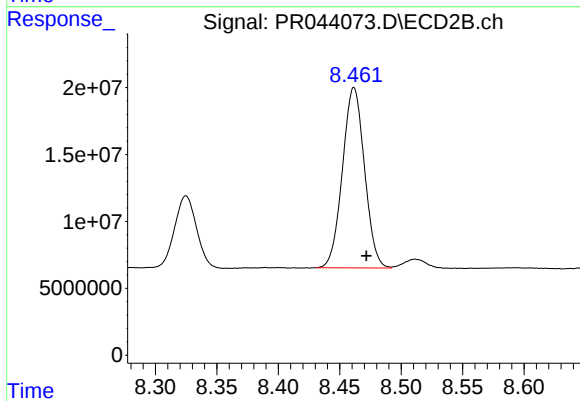
#39 AR-1262-4

R.T.: 7.946 min
Delta R.T.: -0.010 min
Response: 465618948
Conc: 327.46 ng/ml



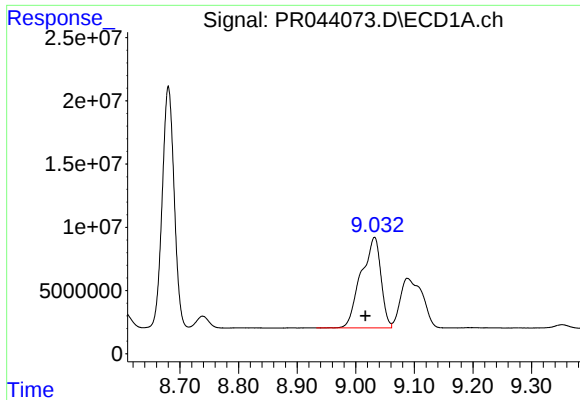
#40 AR-1262-5

R.T.: 9.808 min
Delta R.T.: -0.011 min
Response: 69240932
Conc: 288.41 ng/ml



#40 AR-1262-5

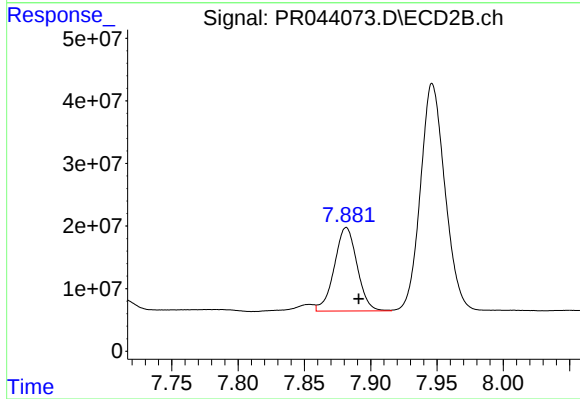
R.T.: 8.462 min
Delta R.T.: -0.010 min
Response: 168429447
Conc: 263.46 ng/ml



#41 AR-1268-1

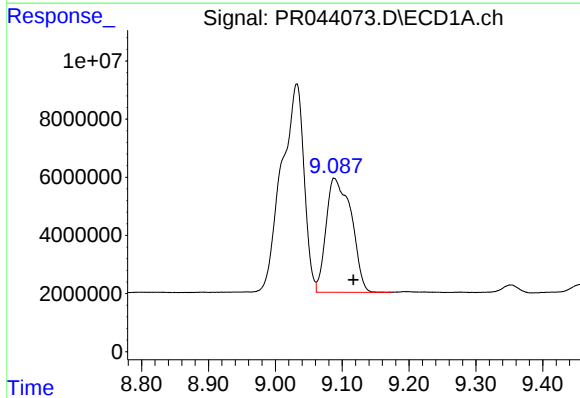
R.T.: 9.032 min
Delta R.T.: 0.015 min
Response: 168133059
Conc: 208.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



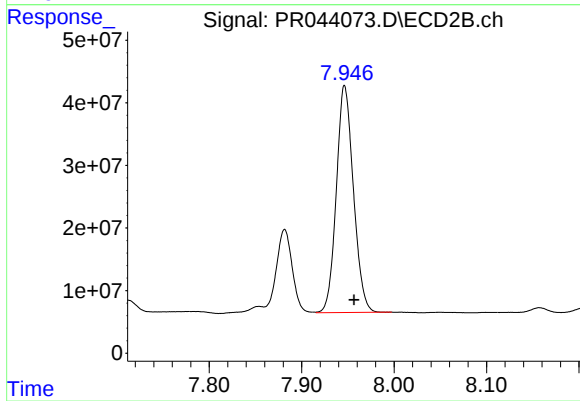
#41 AR-1268-1

R.T.: 7.882 min
Delta R.T.: -0.010 min
Response: 159876873
Conc: 65.39 ng/ml



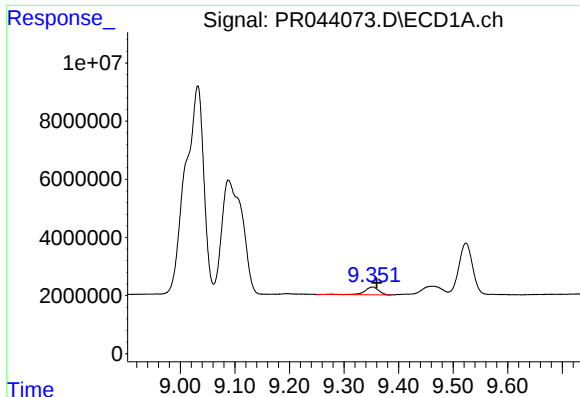
#42 AR-1268-2

R.T.: 9.088 min
Delta R.T.: -0.029 min
Response: 102791071
Conc: 139.51 ng/ml



#42 AR-1268-2

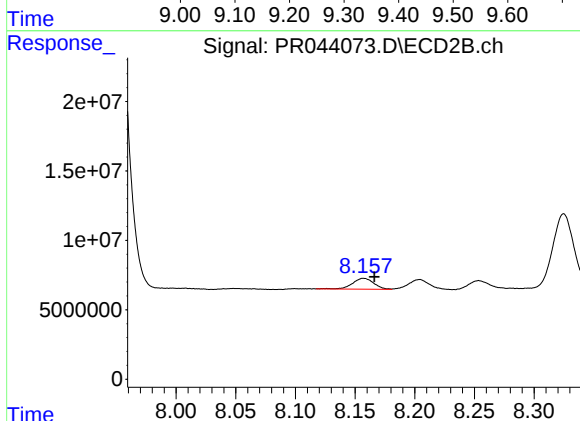
R.T.: 7.946 min
Delta R.T.: -0.010 min
Response: 465618948
Conc: 222.61 ng/ml



#43 AR-1268-3

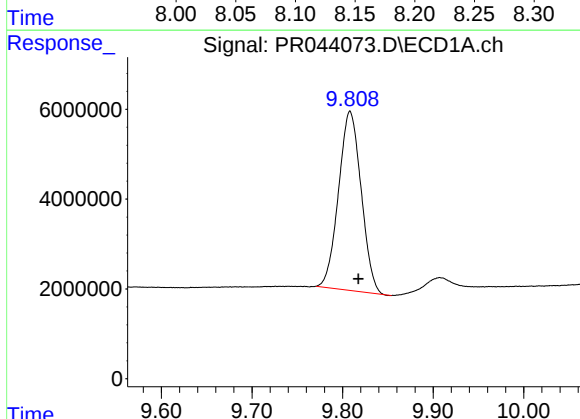
R.T.: 9.352 min
Delta R.T.: -0.008 min
Response: 4795941
Conc: 7.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



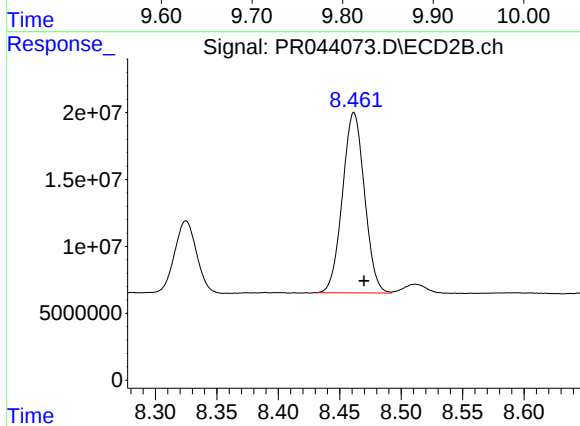
#43 AR-1268-3

R.T.: 8.157 min
Delta R.T.: -0.009 min
Response: 9724075
Conc: 5.40 ng/ml



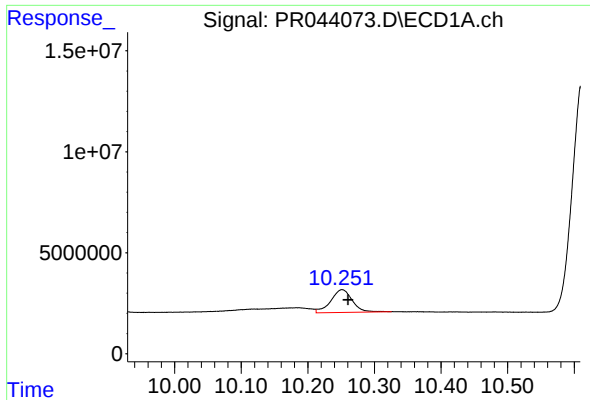
#44 AR-1268-4

R.T.: 9.808 min
Delta R.T.: -0.009 min
Response: 69240932
Conc: 261.73 ng/ml



#44 AR-1268-4

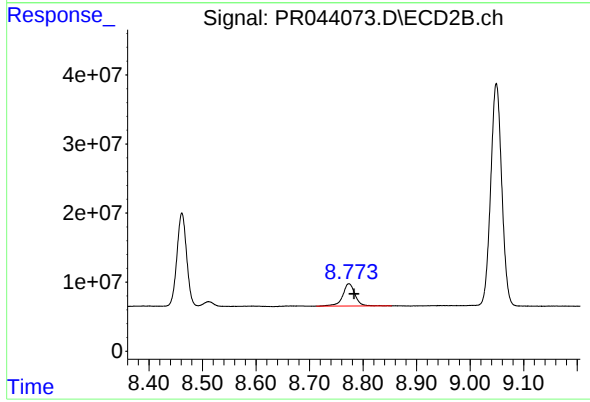
R.T.: 8.462 min
Delta R.T.: -0.008 min
Response: 168429447
Conc: 239.02 ng/ml



#45 AR-1268-5

R.T.: 10.252 min
Delta R.T.: -0.009 min
Response: 25324695
Conc: 12.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.774 min
Delta R.T.: -0.010 min
Response: 52036806
Conc: 10.66 ng/ml