

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122419\
 Data File : PR044175.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Dec 2019 16:59
 Operator : SM\AJ
 Sample : K6398-08DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 A42N5DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 25 03:42:51 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...	4.693	3.953	14438918	38702941	3.613	3.506
2)	SA Decachlor...	10.588	9.036	27982746	52566300	5.865	5.211
Target Compounds							
3)	L1 AR-1016-1	5.893	5.065	4706853	10056417	29.623	29.143
4)	L1 AR-1016-2	5.893	5.065	4706853	10056417	20.708	20.907
5)	L1 AR-1016-3	0.000	5.244	0	2624074	N.D.	12.041 #
6)	L1 AR-1016-4	6.142f	5.282	4885120	9701327	43.258	53.736
7)	L1 AR-1016-5	6.349	5.500	2623902	6789550	23.226	28.736
10)	L2 AR-1221-3	0.000	4.397f	0	21968806	N.D.	78.739 #
11)	L3 AR-1232-1	0.000	4.397f	0	21968806	N.D.	95.205 #
12)	L3 AR-1232-2	0.000	5.099	0	626505	N.D.	2.877 #
13)	L3 AR-1232-3	5.893	5.244	4706853	2624074	49.312	27.677 #
14)	L3 AR-1232-4	6.142f	5.359	4885120	1949525	104.371	22.514 #
15)	L3 AR-1232-5	6.142	5.500	4885120	6789550	142.684	69.047 #
16)	L4 AR-1242-1	5.893	5.065	4706853	10056417	37.201	34.955
17)	L4 AR-1242-2	5.893	5.099	4706853	626505	25.975	1.584 #
18)	L4 AR-1242-3	0.000	5.244	0	2624074	N.D.	13.807 #
19)	L4 AR-1242-4	6.142f	5.359	4885120	1949525	54.109	10.663 #
20)	L4 AR-1242-5	6.793	5.852	3537274	144.6E6	32.198	487.585 #
21)	L5 AR-1248-1	5.893	5.065	4706853	10056417	47.000	43.708
22)	L5 AR-1248-2	6.142	5.282	4885120	9701327	35.632	37.077
23)	L5 AR-1248-3	6.349	5.325	2623902	4965838	16.598	18.757
24)	L5 AR-1248-4	6.793	5.500	3537274	6789550	18.217	20.403
25)	L5 AR-1248-5	6.793	5.893	3537274	9053227	19.290	22.146
26)	L6 AR-1254-1	6.726	5.852	70505338	144.6E6	368.930	240.207 #
27)	L6 AR-1254-2	6.941	5.998	88147321	189.1E6	289.131	348.407
28)	L6 AR-1254-3	7.313	6.418	40703165	462.2E6	118.032	484.808 #
29)	L6 AR-1254-4	7.597	6.632	26981979	26877996	102.993	40.523 #
30)	L6 AR-1254-5	8.016	7.087	450.8E6	952.4E6	1590.854	1094.407 #
31)	L7 AR-1260-1	7.475	6.533	304.0E6	675.0E6	1315.261	1235.069
32)	L7 AR-1260-2	7.730	6.720	378.5E6	1025.8E6	1326.478	1278.206
33)	L7 AR-1260-3	8.090	6.876	292.7E6	792.4E6	1303.760	1186.492
34)	L7 AR-1260-4	8.328	7.348	317.4E6	719.8E6	1225.793	1282.206
35)	L7 AR-1260-5	8.664	7.588	698.6E6	2016.8E6	1250.634	1198.039
36)	L8 AR-1262-1	8.150	7.087	143.5E6	952.4E6	997.822	1925.192 #
37)	L8 AR-1262-2	8.664	7.588	698.6E6	2016.8E6	983.973	927.486
38)	L8 AR-1262-3	9.014	7.872	397.9E6	411.5E6	863.697	476.417 #
39)	L8 AR-1262-4	9.071f	7.936	238.1E6	1222.8E6	698.322	859.948
40)	L8 AR-1262-5	9.789	8.450	91539010	393.4E6	381.288	615.419 #
41)	L9 AR-1268-1	9.014	7.872	397.9E6	411.5E6	494.064	168.294 #
42)	L9 AR-1268-2	9.071f	7.936	238.1E6	1222.8E6	323.178	584.593 #
43)	L9 AR-1268-3	9.332	8.147	5912772	15432887	9.608	8.571

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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
44) L9	AR-1268-4	9.789	8.450	91539010	393.4E6	346.012	558.330 #
45) L9	AR-1268-5	10.228	8.762	35043839	71867573	16.991	14.726

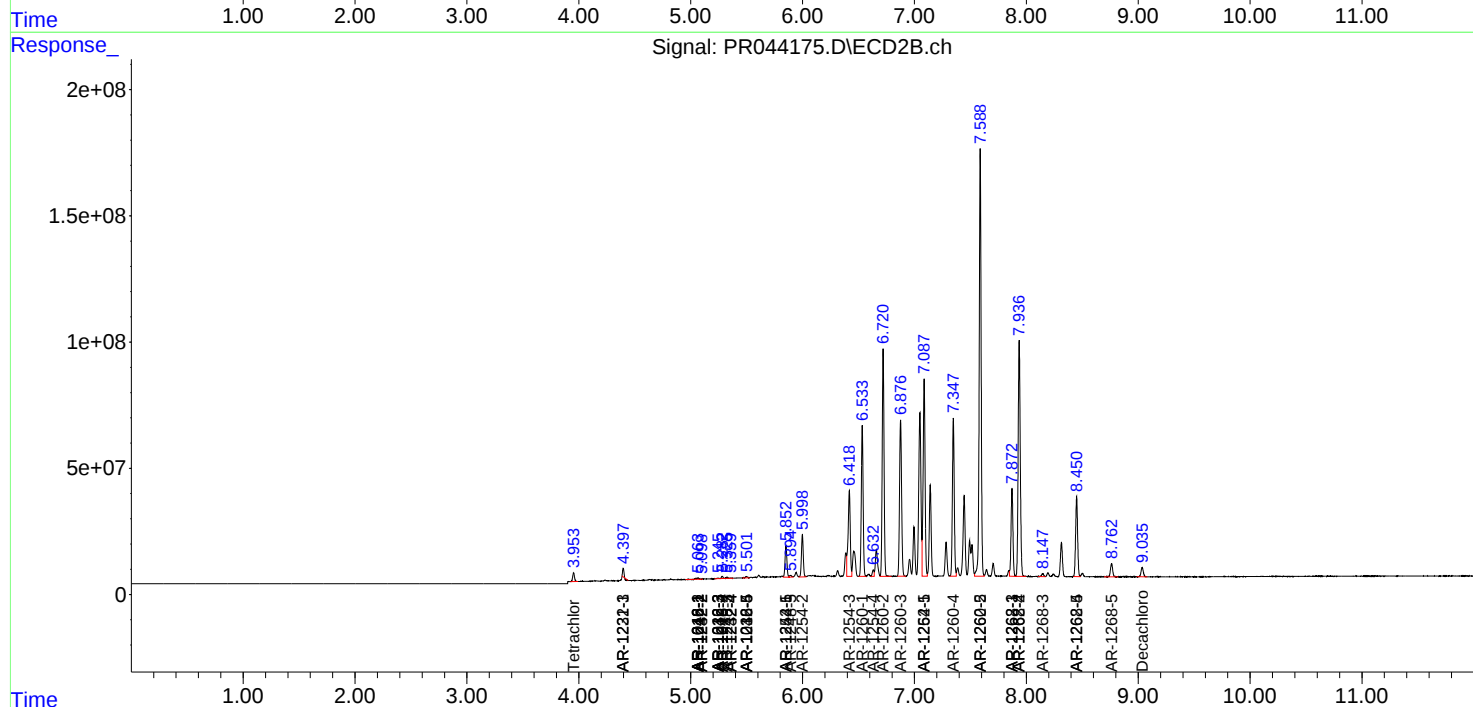
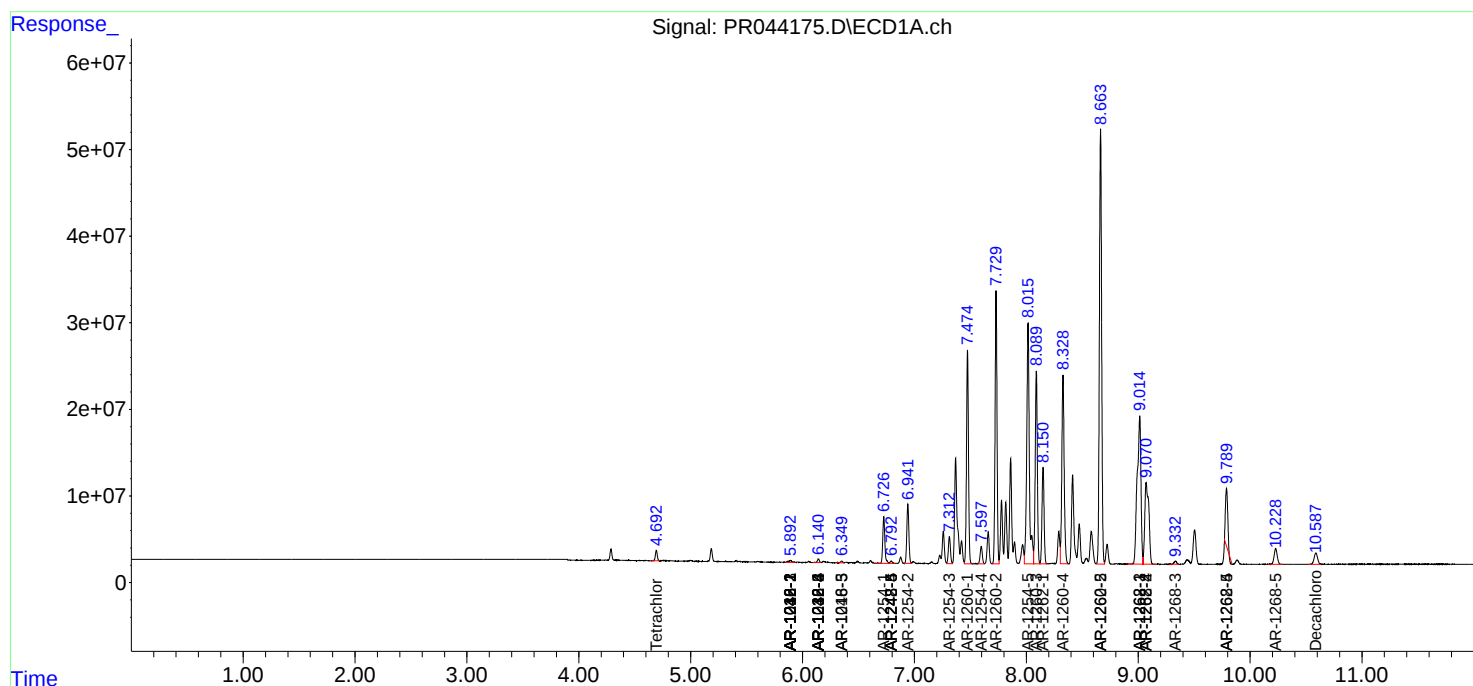
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

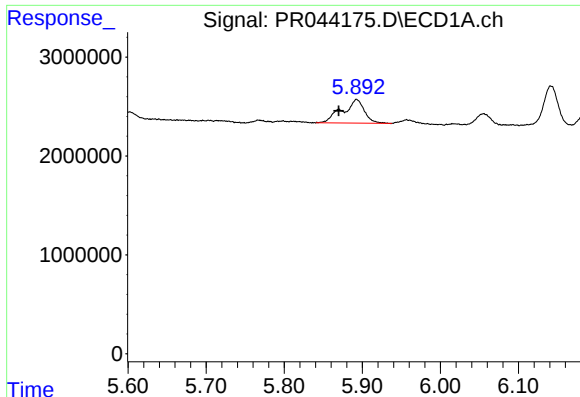
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

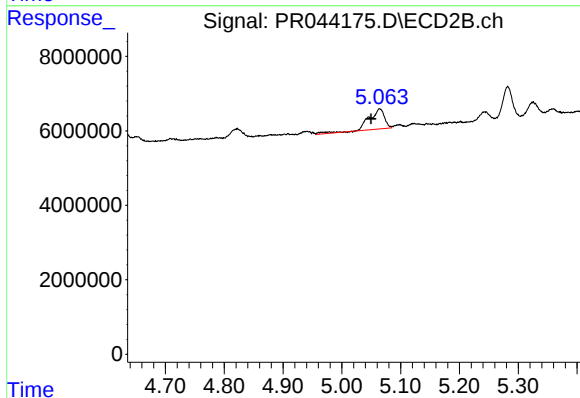




#3 AR-1016-1

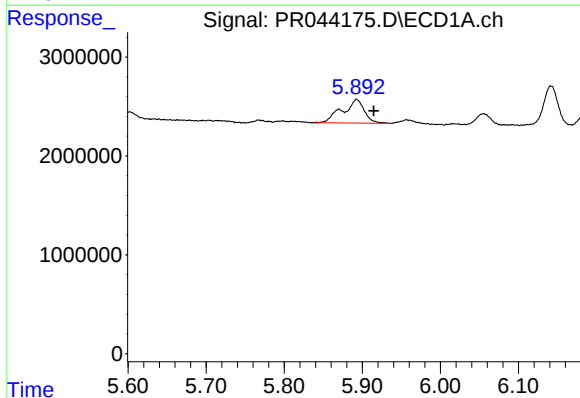
R.T.: 5.893 min
Delta R.T.: 0.023 min
Response: 4706853
Conc: 29.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
A42N5DL



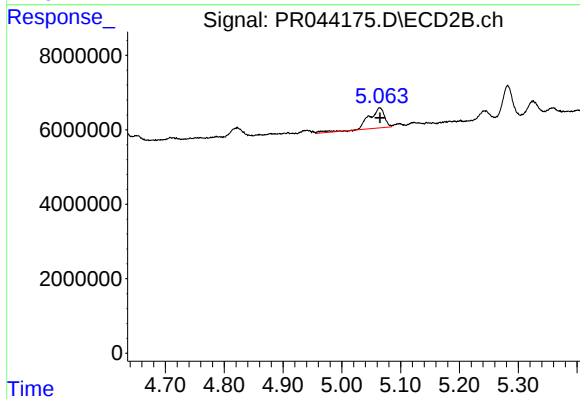
#3 AR-1016-1

R.T.: 5.065 min
Delta R.T.: 0.015 min
Response: 10056417
Conc: 29.14 ng/ml



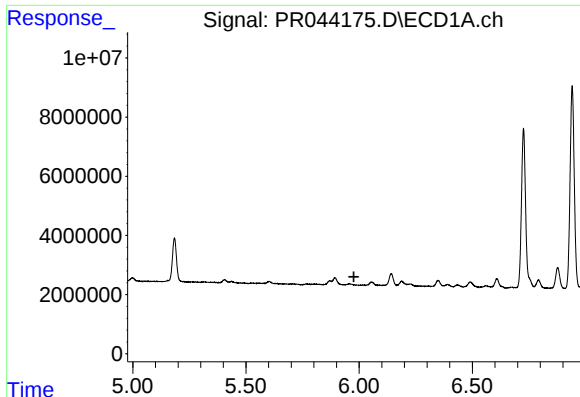
#4 AR-1016-2

R.T.: 5.893 min
Delta R.T.: -0.022 min
Response: 4706853
Conc: 20.71 ng/ml



#4 AR-1016-2

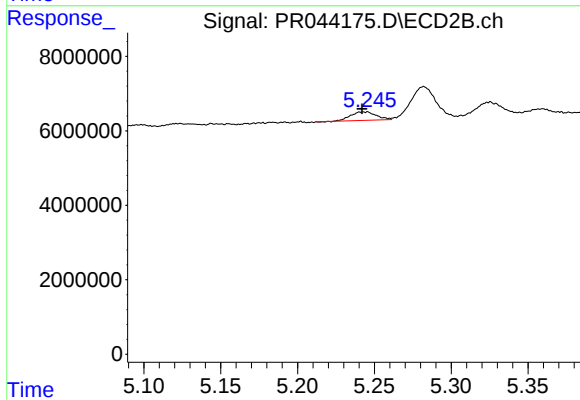
R.T.: 5.065 min
Delta R.T.: 0.000 min
Response: 10056417
Conc: 20.91 ng/ml



#5 AR-1016-3

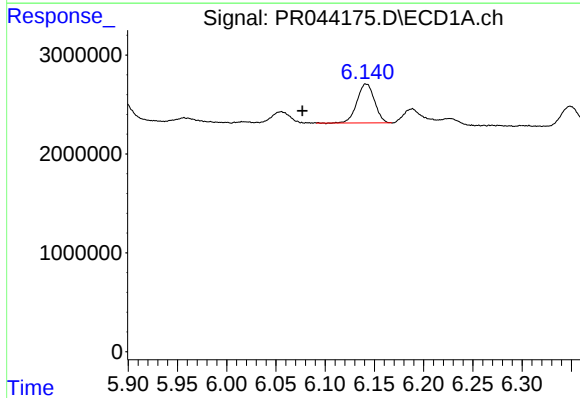
R.T.: 0.000 min
Exp R.T.: 5.977 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
A42N5DL



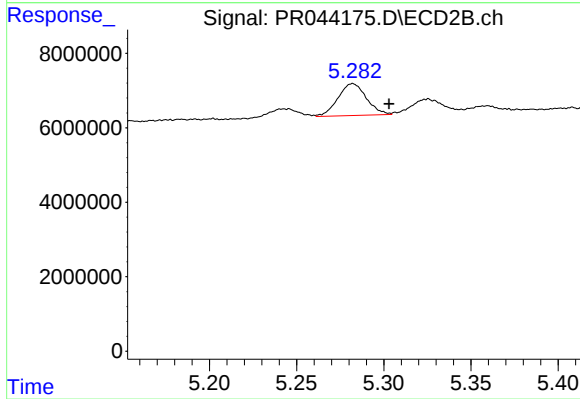
#5 AR-1016-3

R.T.: 5.244 min
Delta R.T.: 0.002 min
Response: 2624074
Conc: 12.04 ng/ml



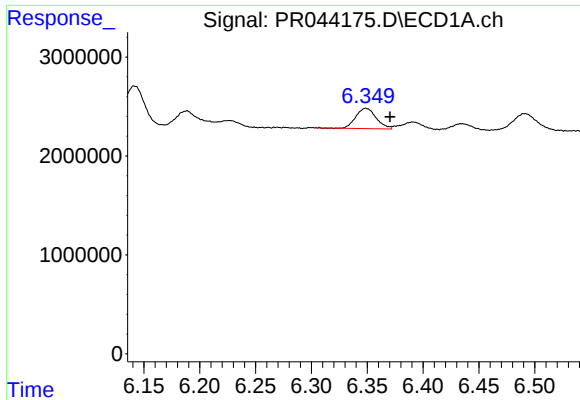
#6 AR-1016-4

R.T.: 6.142 min
Delta R.T.: 0.065 min
Response: 4885120
Conc: 43.26 ng/ml



#6 AR-1016-4

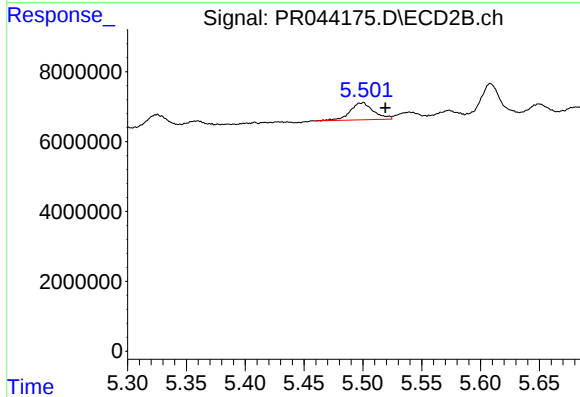
R.T.: 5.282 min
Delta R.T.: -0.021 min
Response: 9701327
Conc: 53.74 ng/ml



#7 AR-1016-5

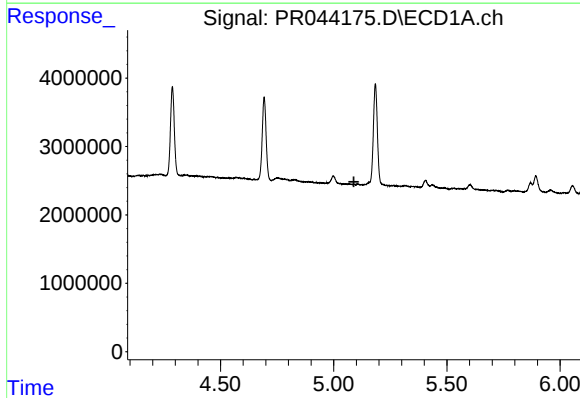
R.T.: 6.349 min
Delta R.T.: -0.022 min
Response: 2623902
Conc: 23.23 ng/ml

Instrument :
ECD_R
ClientSampleId :
A42N5DL



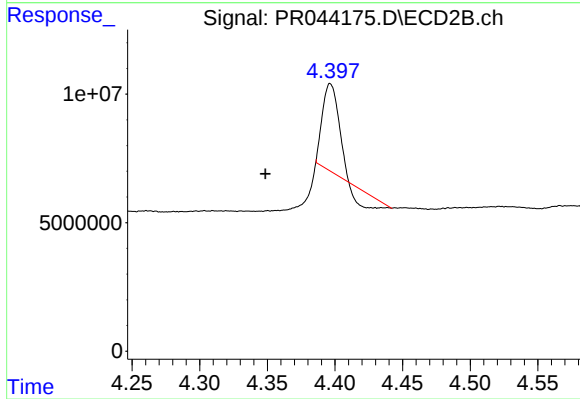
#7 AR-1016-5

R.T.: 5.500 min
Delta R.T.: -0.019 min
Response: 6789550
Conc: 28.74 ng/ml



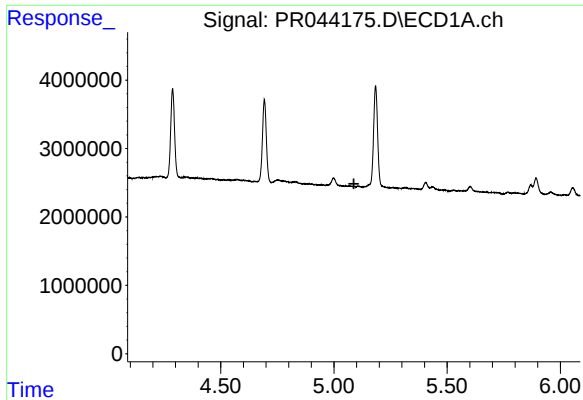
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.089 min
Response: 0
Conc: N.D.



#10 AR-1221-3

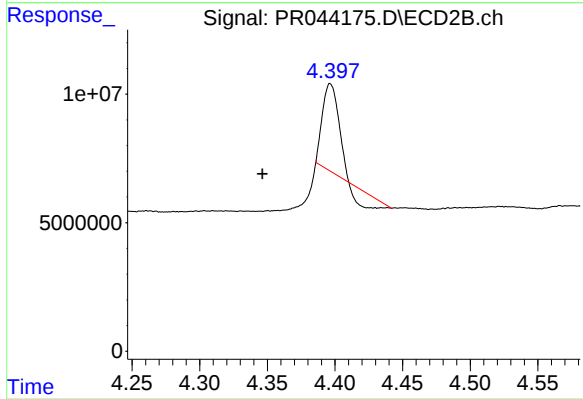
R.T.: 4.397 min
Delta R.T.: 0.048 min
Response: 21968806
Conc: 78.74 ng/ml



#11 AR-1232-1

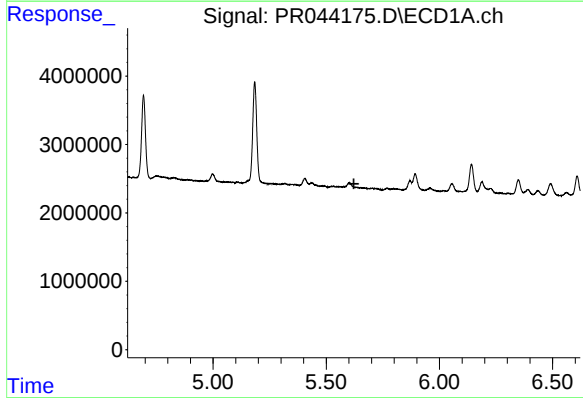
R.T.: 0.000 min
Exp R.T.: 5.088 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
A42N5DL



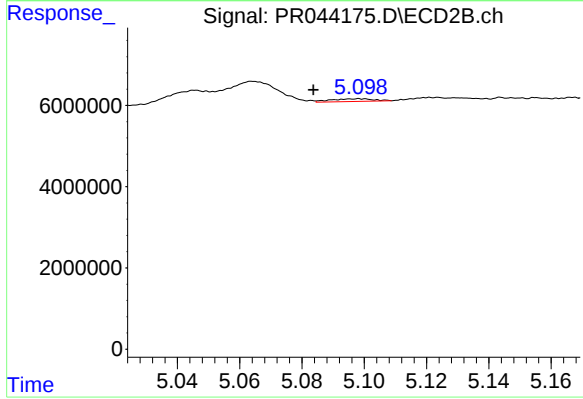
#11 AR-1232-1

R.T.: 4.397 min
Delta R.T.: 0.050 min
Response: 21968806
Conc: 95.20 ng/ml



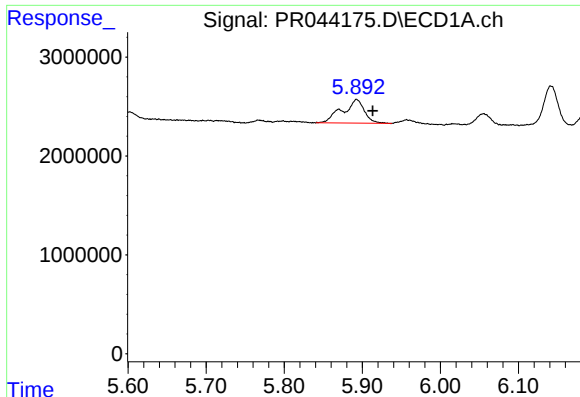
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.622 min
Response: 0
Conc: N.D.



#12 AR-1232-2

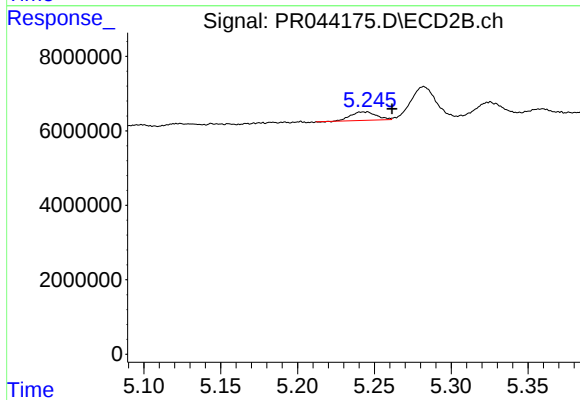
R.T.: 5.099 min
Delta R.T.: 0.015 min
Response: 626505
Conc: 2.88 ng/ml



#13 AR-1232-3

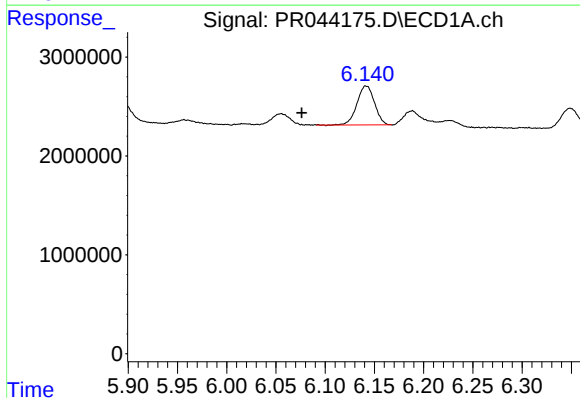
R.T.: 5.893 min
Delta R.T.: -0.021 min
Response: 4706853
Conc: 49.31 ng/ml

Instrument :
ECD_R
ClientSampleId :
A42N5DL



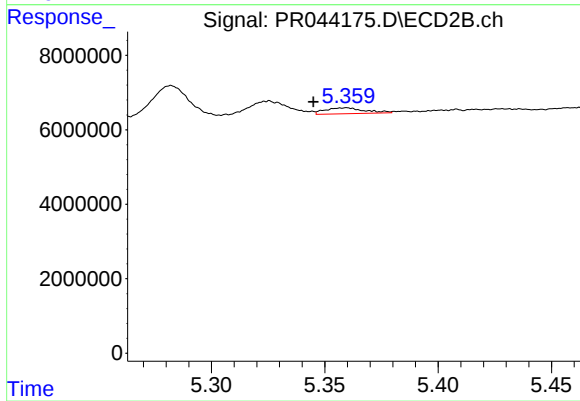
#13 AR-1232-3

R.T.: 5.244 min
Delta R.T.: -0.018 min
Response: 2624074
Conc: 27.68 ng/ml



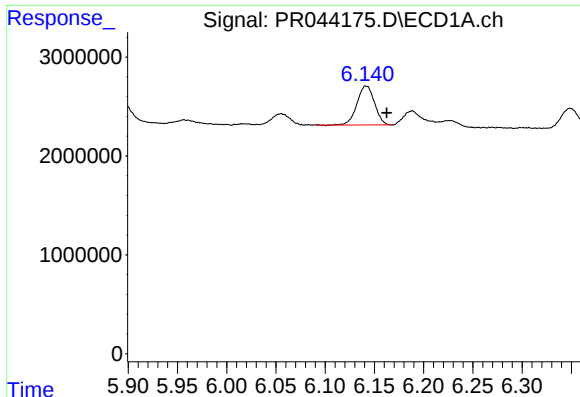
#14 AR-1232-4

R.T.: 6.142 min
Delta R.T.: 0.065 min
Response: 4885120
Conc: 104.37 ng/ml



#14 AR-1232-4

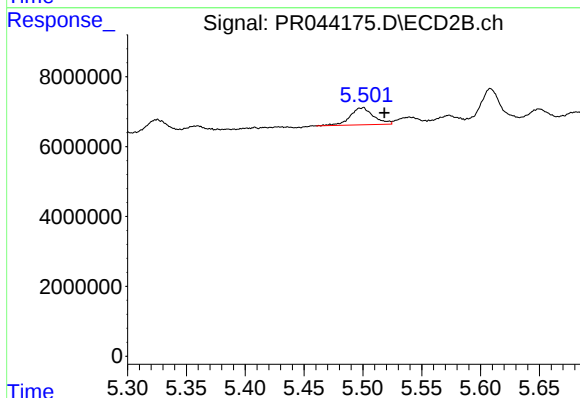
R.T.: 5.359 min
Delta R.T.: 0.014 min
Response: 1949525
Conc: 22.51 ng/ml



#15 AR-1232-5

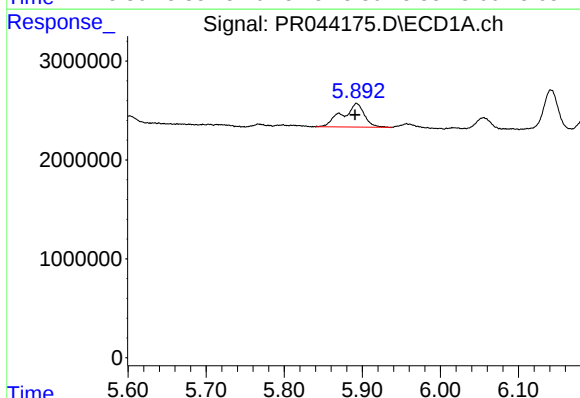
R.T.: 6.142 min
Delta R.T.: -0.021 min
Response: 4885120
Conc: 142.68 ng/ml

Instrument :
ECD_R
ClientSampleId :
A42N5DL



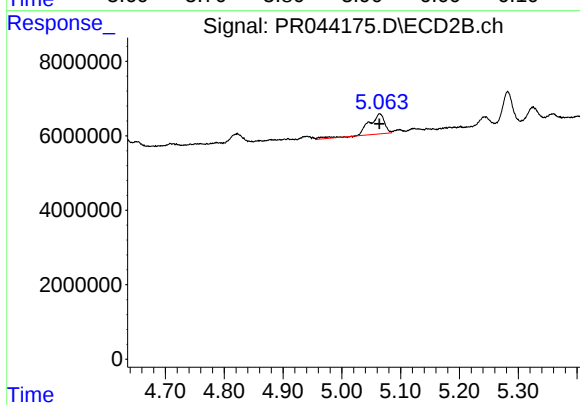
#15 AR-1232-5

R.T.: 5.500 min
Delta R.T.: -0.018 min
Response: 6789550
Conc: 69.05 ng/ml



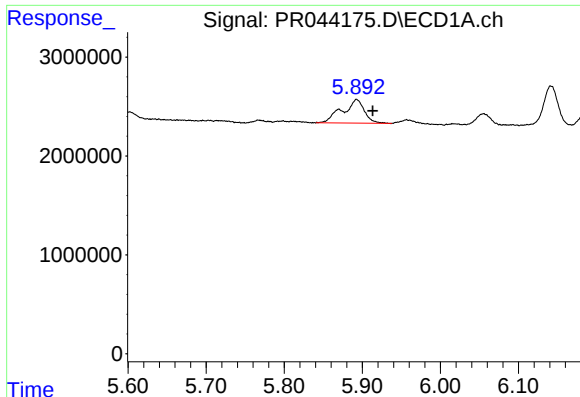
#16 AR-1242-1

R.T.: 5.893 min
Delta R.T.: 0.002 min
Response: 4706853
Conc: 37.20 ng/ml



#16 AR-1242-1

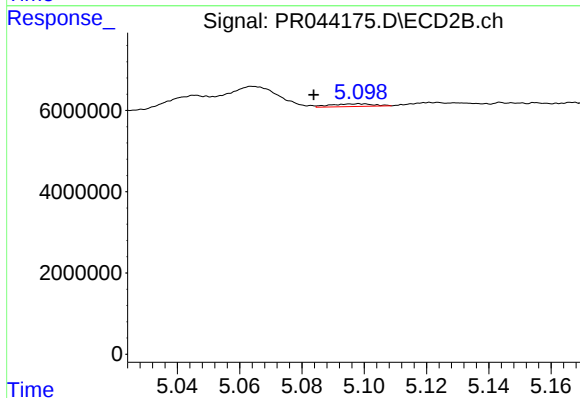
R.T.: 5.065 min
Delta R.T.: 0.000 min
Response: 10056417
Conc: 34.95 ng/ml



#17 AR-1242-2

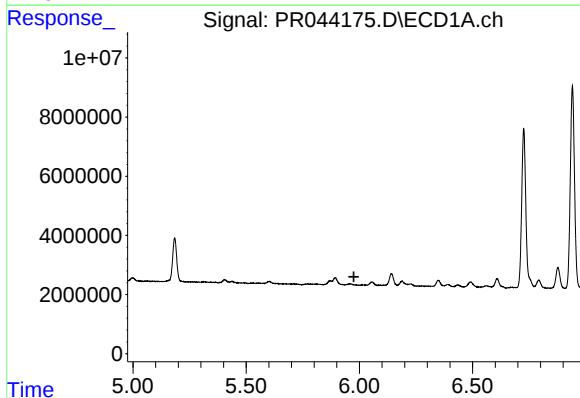
R.T.: 5.893 min
Delta R.T.: -0.021 min
Response: 4706853
Conc: 25.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
A42N5DL



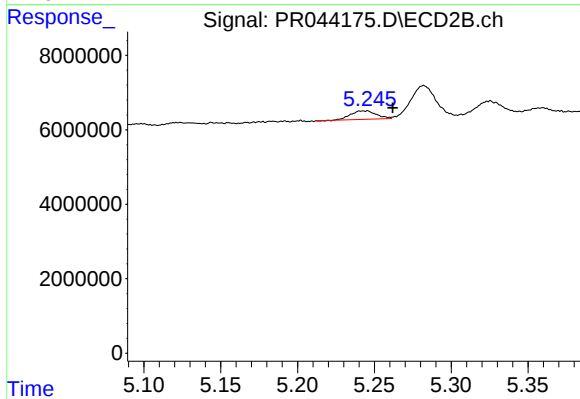
#17 AR-1242-2

R.T.: 5.099 min
Delta R.T.: 0.015 min
Response: 626505
Conc: 1.58 ng/ml



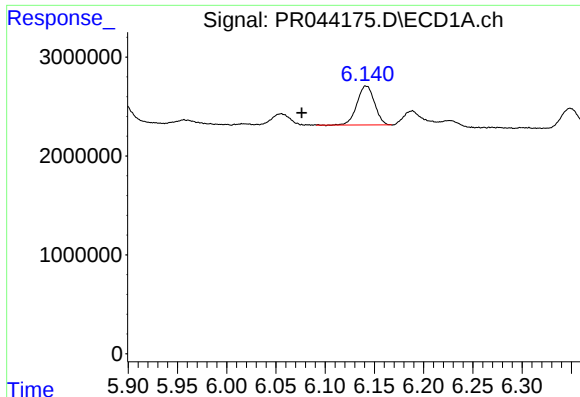
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.976 min
Response: 0
Conc: N.D.



#18 AR-1242-3

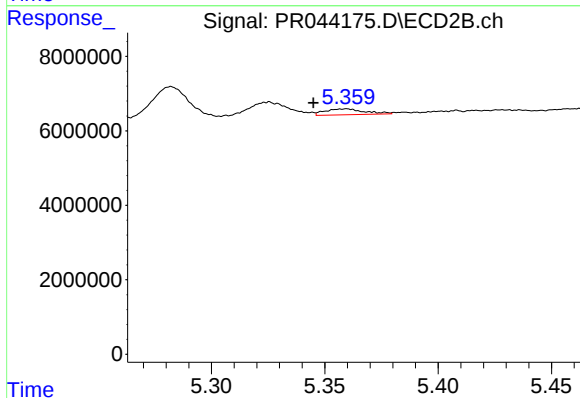
R.T.: 5.244 min
Delta R.T.: -0.018 min
Response: 2624074
Conc: 13.81 ng/ml



#19 AR-1242-4

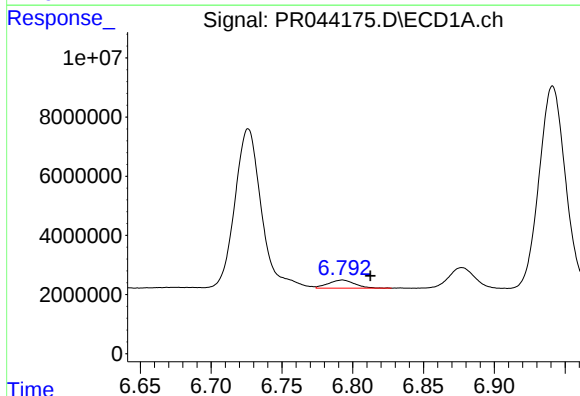
R.T.: 6.142 min
Delta R.T.: 0.066 min
Response: 4885120
Conc: 54.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
A42N5DL



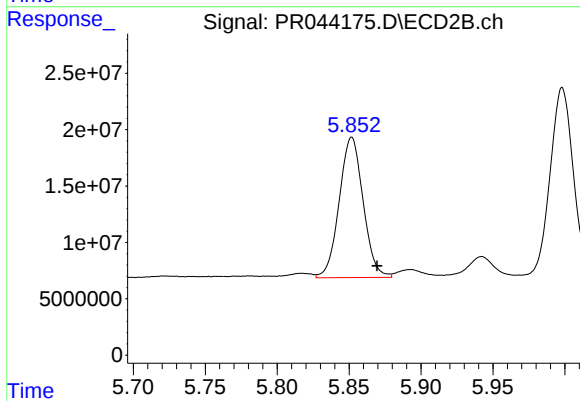
#19 AR-1242-4

R.T.: 5.359 min
Delta R.T.: 0.014 min
Response: 1949525
Conc: 10.66 ng/ml



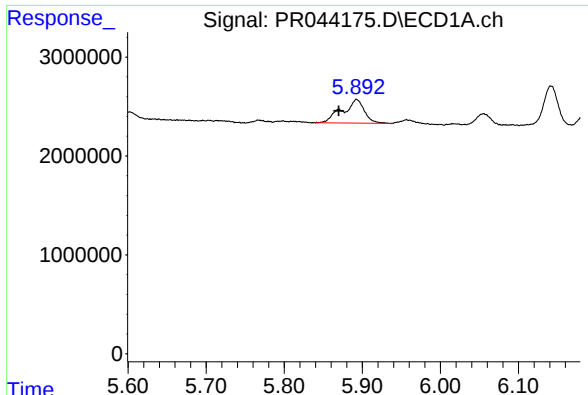
#20 AR-1242-5

R.T.: 6.793 min
Delta R.T.: -0.020 min
Response: 3537274
Conc: 32.20 ng/ml



#20 AR-1242-5

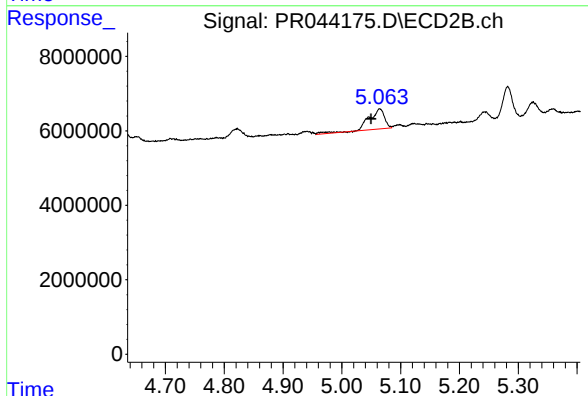
R.T.: 5.852 min
Delta R.T.: -0.018 min
Response: 144636378
Conc: 487.59 ng/ml



#21 AR-1248-1

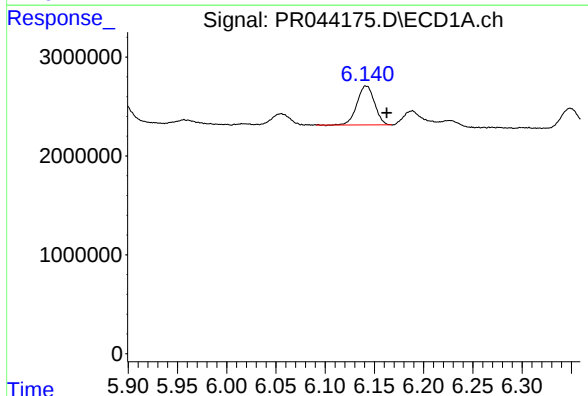
R.T.: 5.893 min
Delta R.T.: 0.023 min
Response: 4706853
Conc: 47.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
A42N5DL



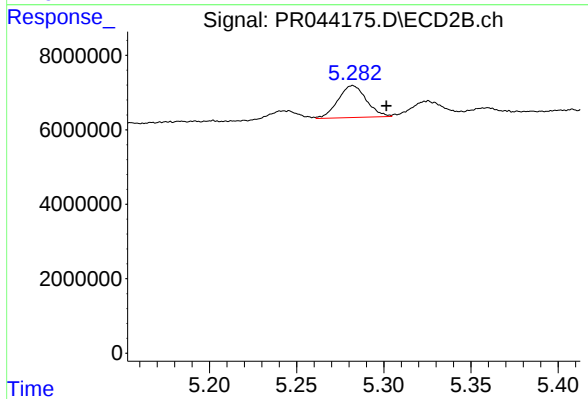
#21 AR-1248-1

R.T.: 5.065 min
Delta R.T.: 0.015 min
Response: 10056417
Conc: 43.71 ng/ml



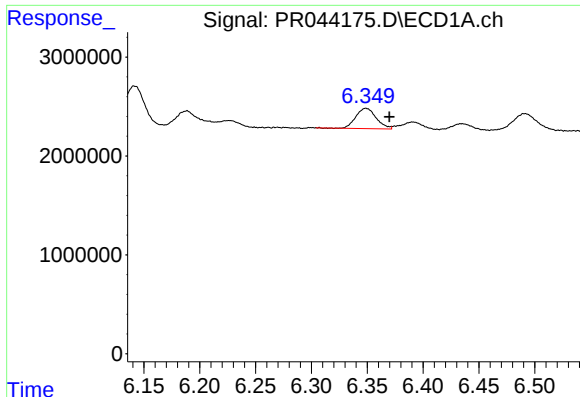
#22 AR-1248-2

R.T.: 6.142 min
Delta R.T.: -0.021 min
Response: 4885120
Conc: 35.63 ng/ml



#22 AR-1248-2

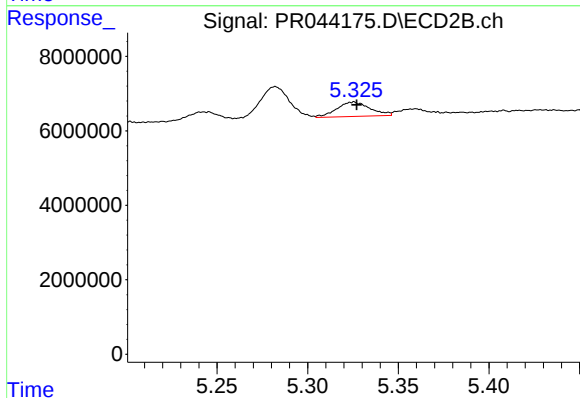
R.T.: 5.282 min
Delta R.T.: -0.019 min
Response: 9701327
Conc: 37.08 ng/ml



#23 AR-1248-3

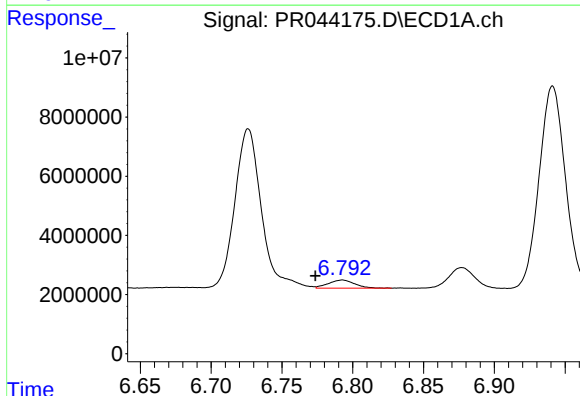
R.T.: 6.349 min
Delta R.T.: -0.021 min
Response: 2623902
Conc: 16.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
A42N5DL



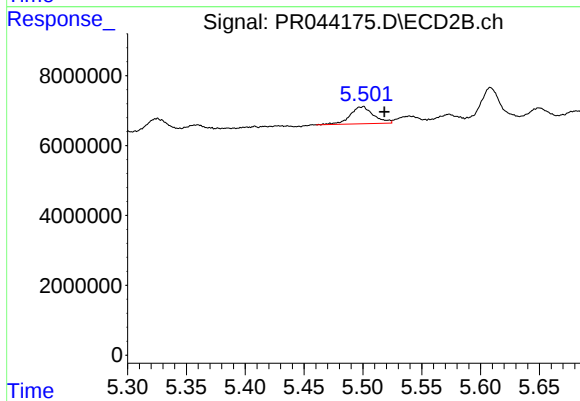
#23 AR-1248-3

R.T.: 5.325 min
Delta R.T.: -0.002 min
Response: 4965838
Conc: 18.76 ng/ml



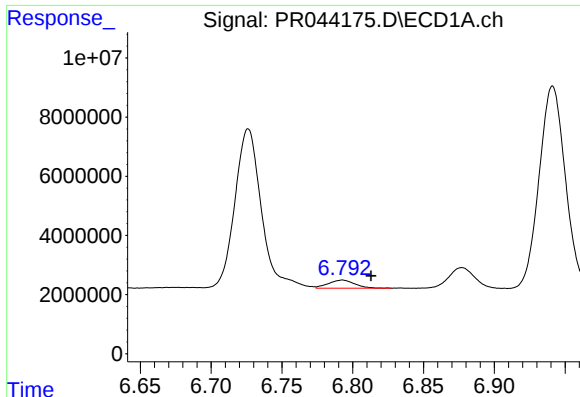
#24 AR-1248-4

R.T.: 6.793 min
Delta R.T.: 0.019 min
Response: 3537274
Conc: 18.22 ng/ml



#24 AR-1248-4

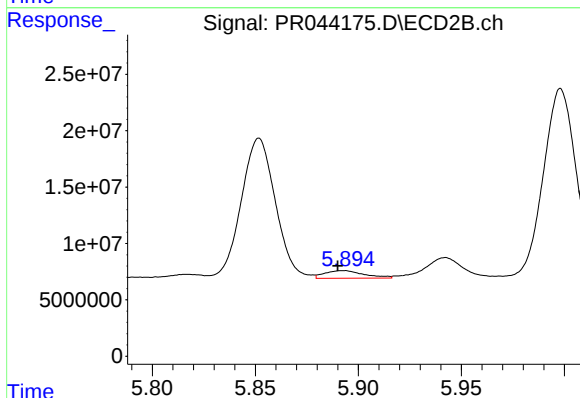
R.T.: 5.500 min
Delta R.T.: -0.018 min
Response: 6789550
Conc: 20.40 ng/ml



#25 AR-1248-5

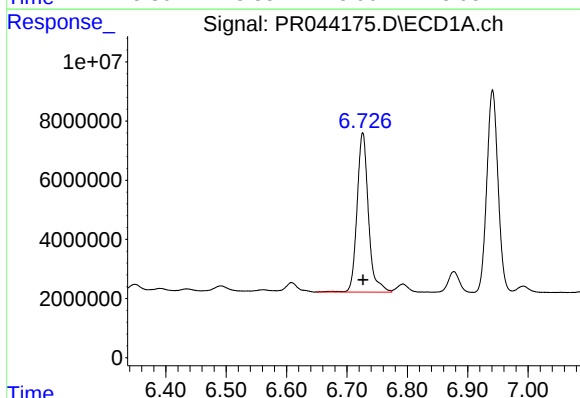
R.T.: 6.793 min
Delta R.T.: -0.020 min
Response: 3537274
Conc: 19.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
A42N5DL



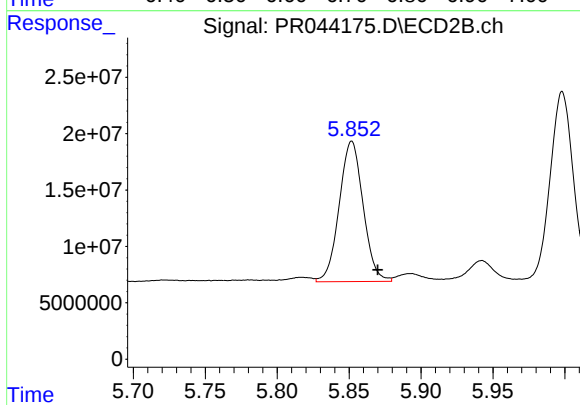
#25 AR-1248-5

R.T.: 5.893 min
Delta R.T.: 0.003 min
Response: 9053227
Conc: 22.15 ng/ml



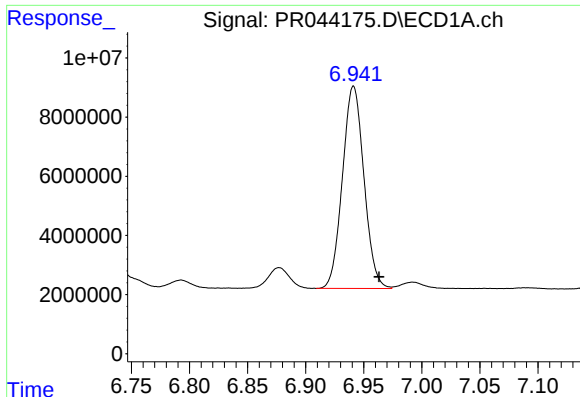
#26 AR-1254-1

R.T.: 6.726 min
Delta R.T.: 0.000 min
Response: 70505338
Conc: 368.93 ng/ml



#26 AR-1254-1

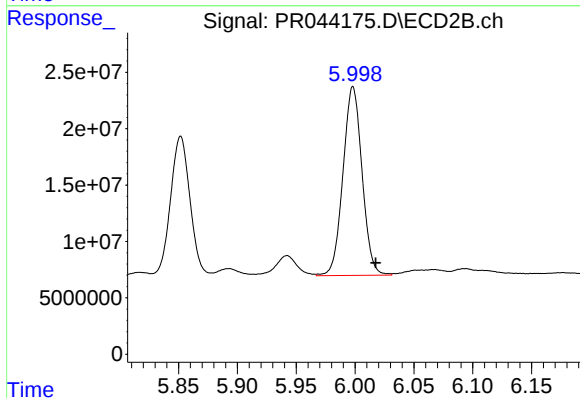
R.T.: 5.852 min
Delta R.T.: -0.018 min
Response: 144636378
Conc: 240.21 ng/ml



#27 AR-1254-2

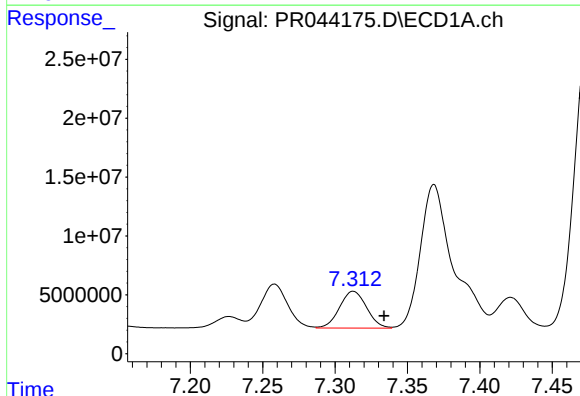
R.T.: 6.941 min
Delta R.T.: -0.022 min
Response: 88147321
Conc: 289.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
A42N5DL



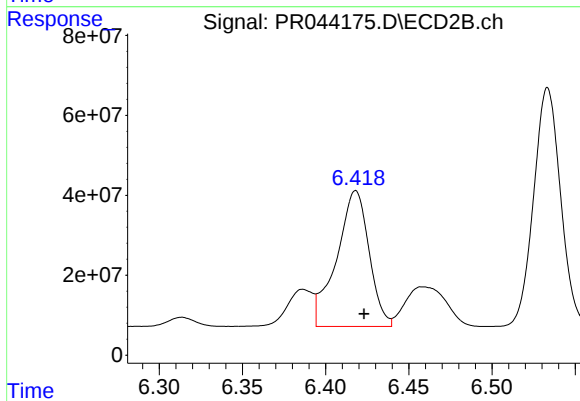
#27 AR-1254-2

R.T.: 5.998 min
Delta R.T.: -0.019 min
Response: 189068679
Conc: 348.41 ng/ml



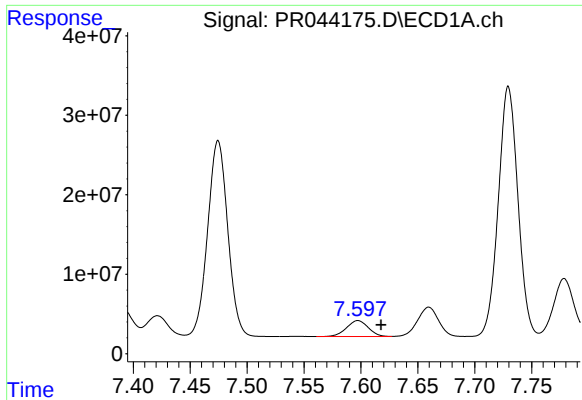
#28 AR-1254-3

R.T.: 7.313 min
Delta R.T.: -0.021 min
Response: 40703165
Conc: 118.03 ng/ml



#28 AR-1254-3

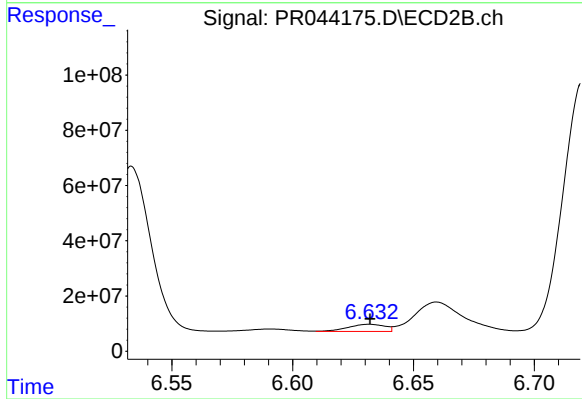
R.T.: 6.418 min
Delta R.T.: -0.005 min
Response: 462218952
Conc: 484.81 ng/ml



#29 AR-1254-4

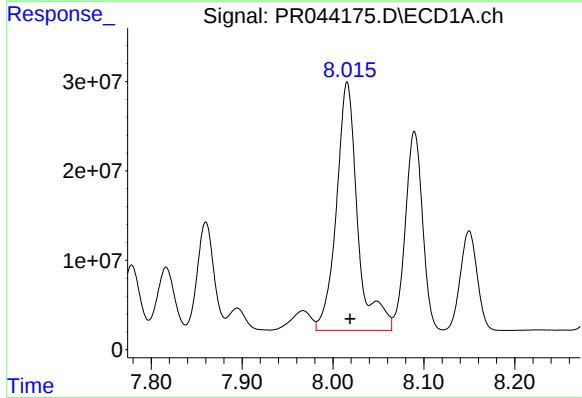
R.T.: 7.597 min
Delta R.T.: -0.020 min
Response: 26981979
Conc: 102.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
A42N5DL



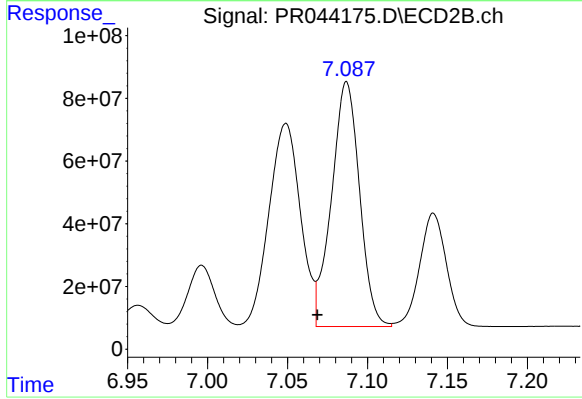
#29 AR-1254-4

R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 26877996
Conc: 40.52 ng/ml



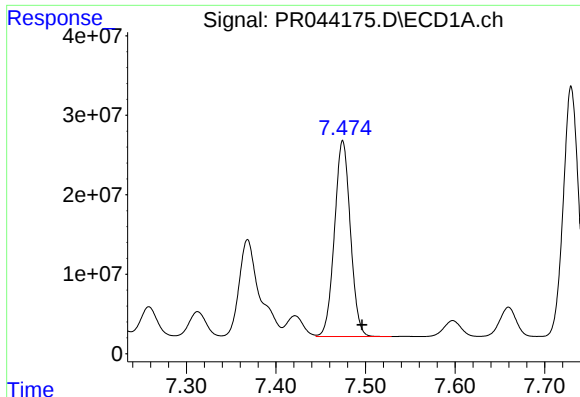
#30 AR-1254-5

R.T.: 8.016 min
Delta R.T.: -0.003 min
Response: 450818723
Conc: 1590.85 ng/ml



#30 AR-1254-5

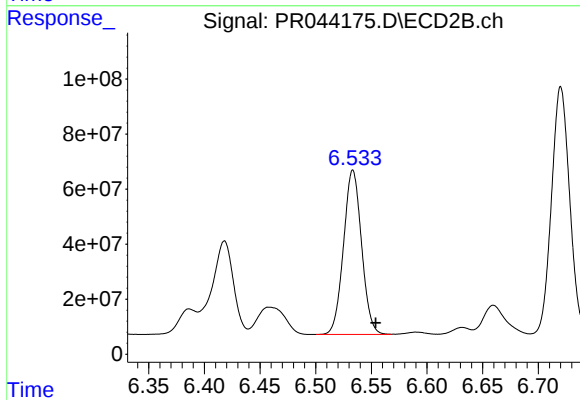
R.T.: 7.087 min
Delta R.T.: 0.018 min
Response: 952356787
Conc: 1094.41 ng/ml



#31 AR-1260-1

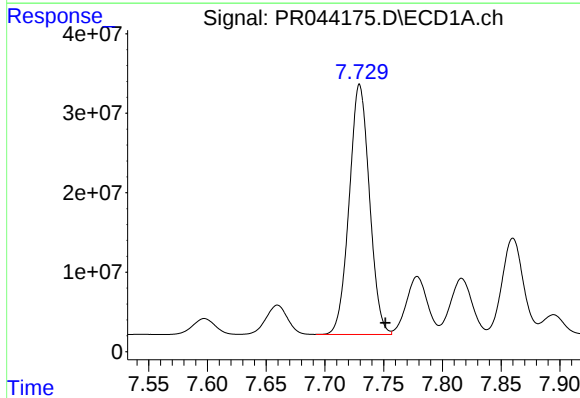
R.T.: 7.475 min
Delta R.T.: -0.022 min
Response: 304043998
Conc: 1315.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
A42N5DL



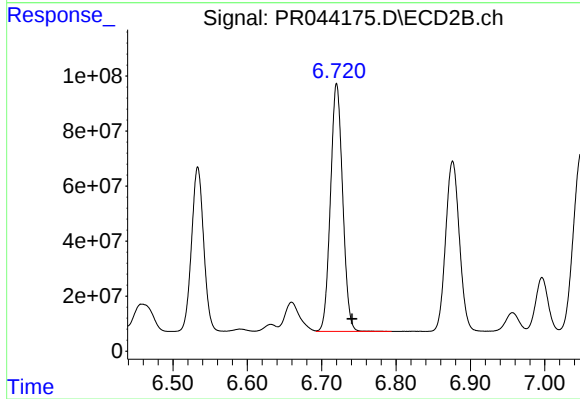
#31 AR-1260-1

R.T.: 6.533 min
Delta R.T.: -0.021 min
Response: 674959464
Conc: 1235.07 ng/ml



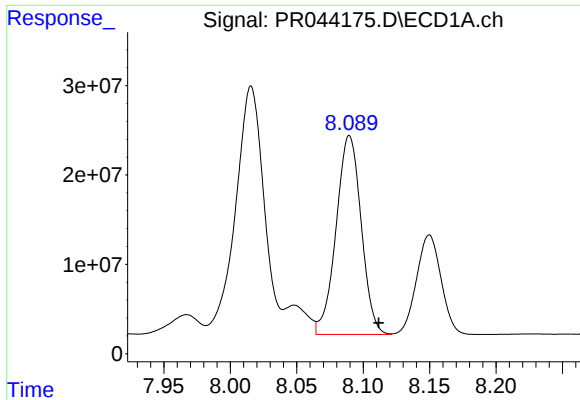
#32 AR-1260-2

R.T.: 7.730 min
Delta R.T.: -0.022 min
Response: 378485020
Conc: 1326.48 ng/ml



#32 AR-1260-2

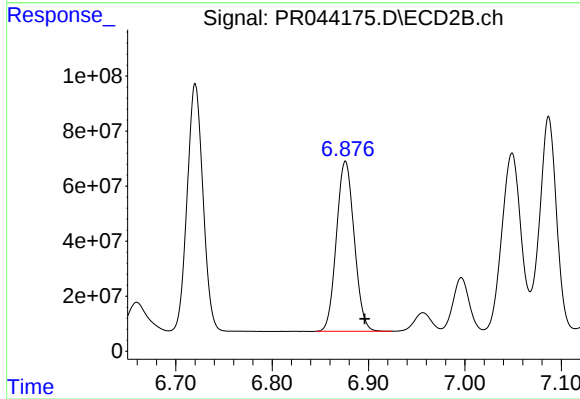
R.T.: 6.720 min
Delta R.T.: -0.021 min
Response: 1025808435
Conc: 1278.21 ng/ml



#33 AR-1260-3

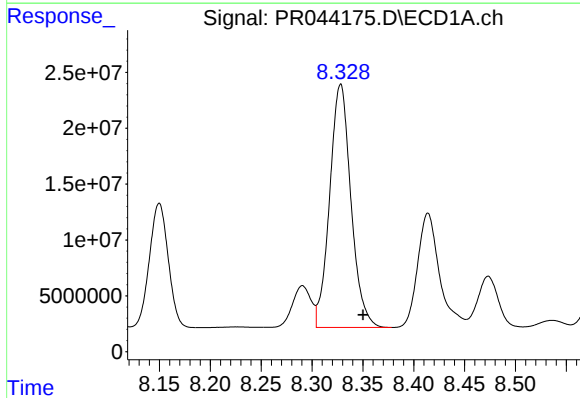
R.T.: 8.090 min
Delta R.T.: -0.022 min
Response: 292747867
Conc: 1303.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
A42N5DL



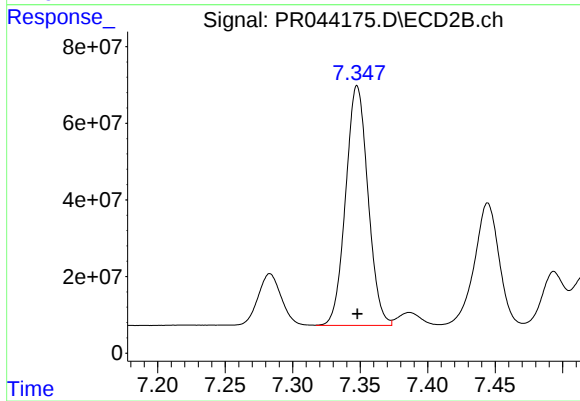
#33 AR-1260-3

R.T.: 6.876 min
Delta R.T.: -0.020 min
Response: 792408093
Conc: 1186.49 ng/ml



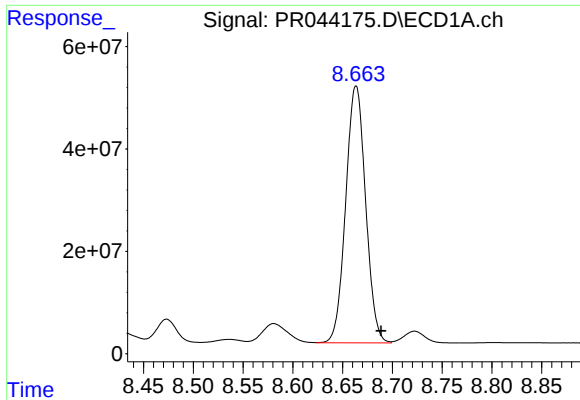
#34 AR-1260-4

R.T.: 8.328 min
Delta R.T.: -0.022 min
Response: 317402775
Conc: 1225.79 ng/ml



#34 AR-1260-4

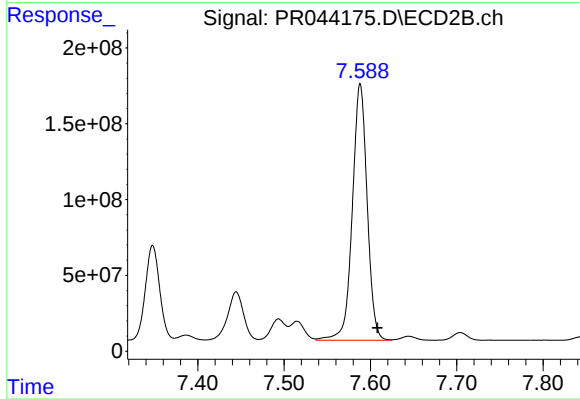
R.T.: 7.348 min
Delta R.T.: 0.000 min
Response: 719780887
Conc: 1282.21 ng/ml



#35 AR-1260-5

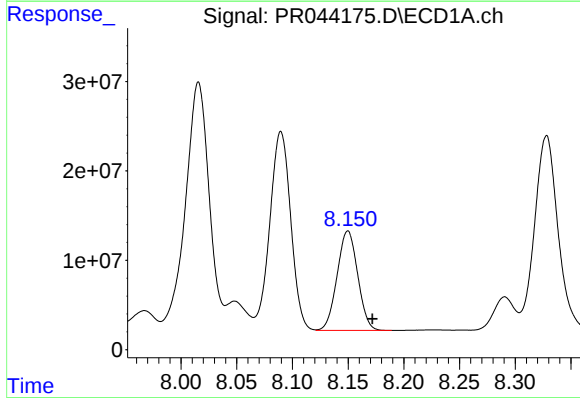
R.T.: 8.664 min
Delta R.T.: -0.025 min
Response: 698551454
Conc: 1250.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
A42N5DL



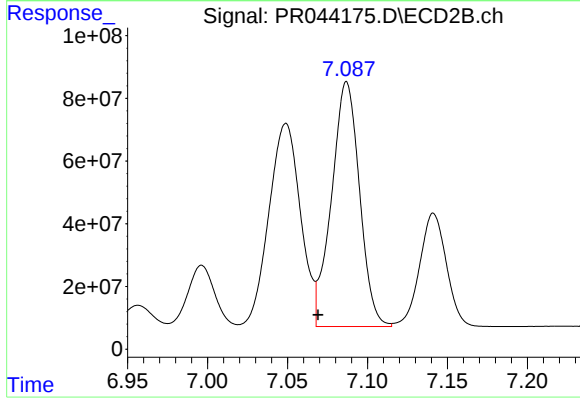
#35 AR-1260-5

R.T.: 7.588 min
Delta R.T.: -0.020 min
Response: 2016756798
Conc: 1198.04 ng/ml



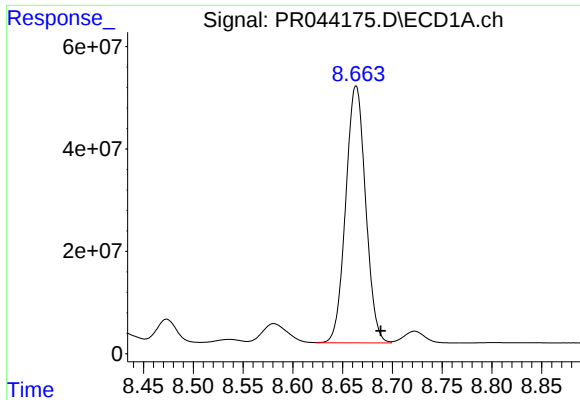
#36 AR-1262-1

R.T.: 8.150 min
Delta R.T.: -0.022 min
Response: 143525534
Conc: 997.82 ng/ml



#36 AR-1262-1

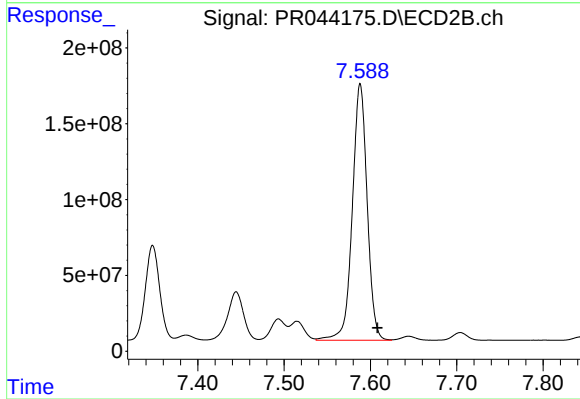
R.T.: 7.087 min
Delta R.T.: 0.018 min
Response: 952356787
Conc: 1925.19 ng/ml



#37 AR-1262-2

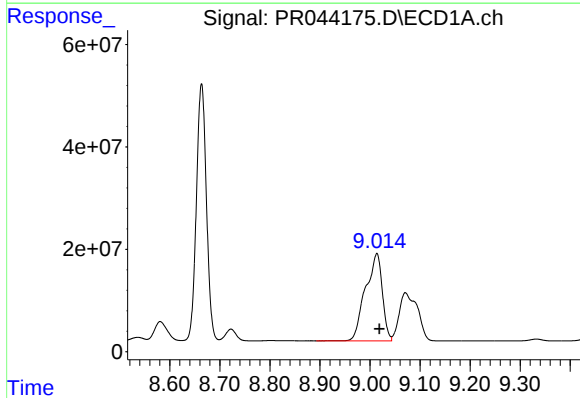
R.T.: 8.664 min
Delta R.T.: -0.025 min
Response: 698551454
Conc: 983.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
A42N5DL



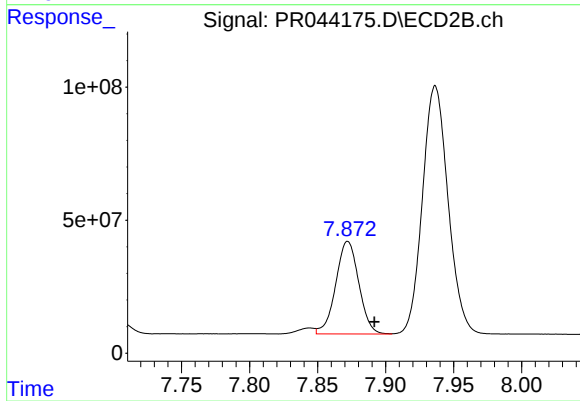
#37 AR-1262-2

R.T.: 7.588 min
Delta R.T.: -0.020 min
Response: 2016756798
Conc: 927.49 ng/ml



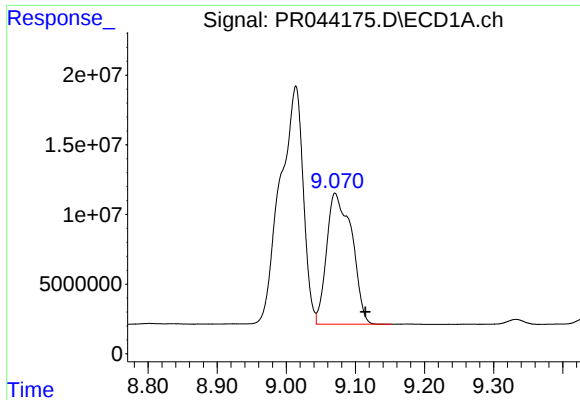
#38 AR-1262-3

R.T.: 9.014 min
Delta R.T.: -0.005 min
Response: 397855670
Conc: 863.70 ng/ml



#38 AR-1262-3

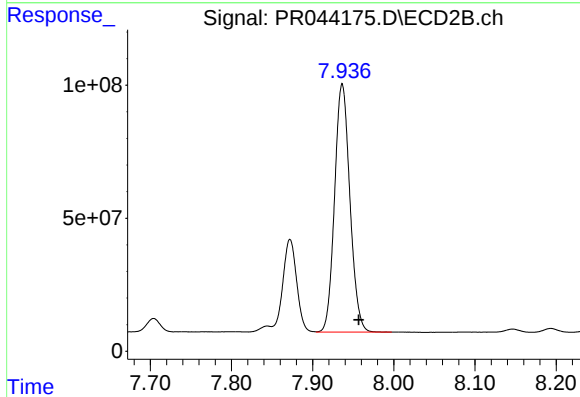
R.T.: 7.872 min
Delta R.T.: -0.020 min
Response: 411496535
Conc: 476.42 ng/ml



#39 AR-1262-4

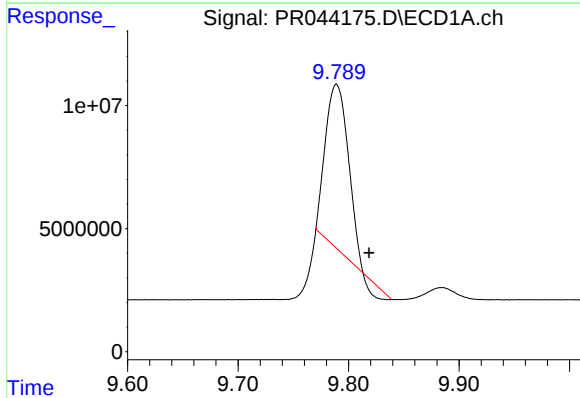
R.T.: 9.071 min
Delta R.T.: -0.044 min
Response: 238121158
Conc: 698.32 ng/ml

Instrument :
ECD_R
ClientSampleId :
A42N5DL



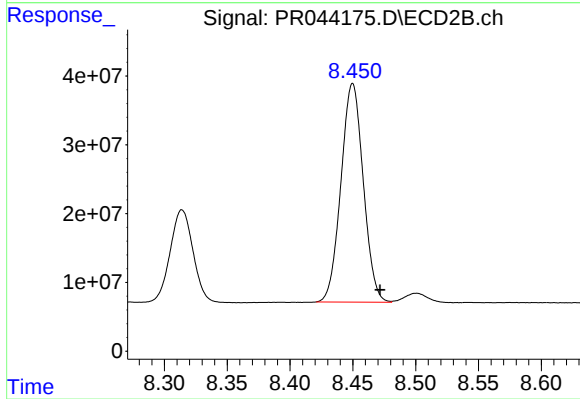
#39 AR-1262-4

R.T.: 7.936 min
Delta R.T.: -0.020 min
Response: 1222757277
Conc: 859.95 ng/ml



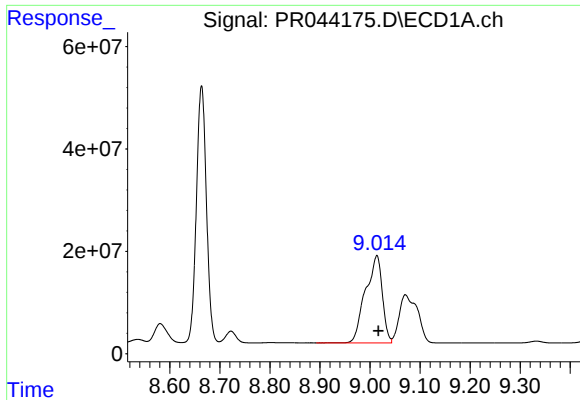
#40 AR-1262-5

R.T.: 9.789 min
Delta R.T.: -0.030 min
Response: 91539010
Conc: 381.29 ng/ml



#40 AR-1262-5

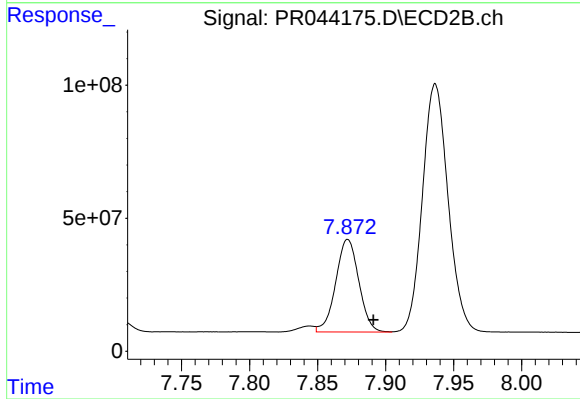
R.T.: 8.450 min
Delta R.T.: -0.022 min
Response: 393441496
Conc: 615.42 ng/ml



#41 AR-1268-1

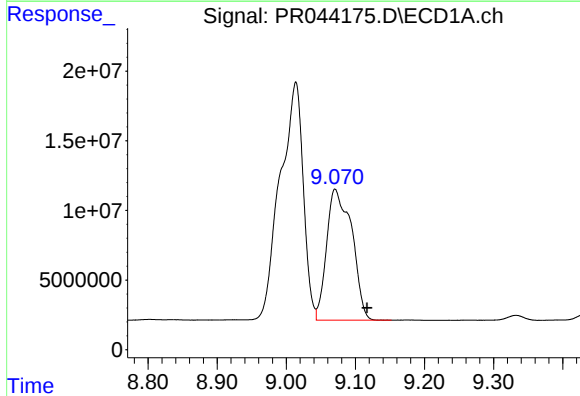
R.T.: 9.014 min
Delta R.T.: -0.003 min
Response: 397855670
Conc: 494.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
A42N5DL



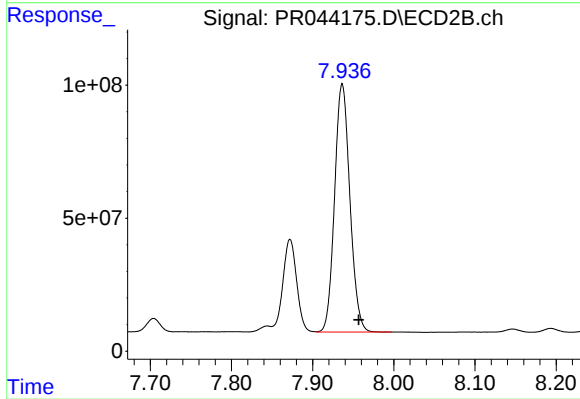
#41 AR-1268-1

R.T.: 7.872 min
Delta R.T.: -0.019 min
Response: 411496535
Conc: 168.29 ng/ml



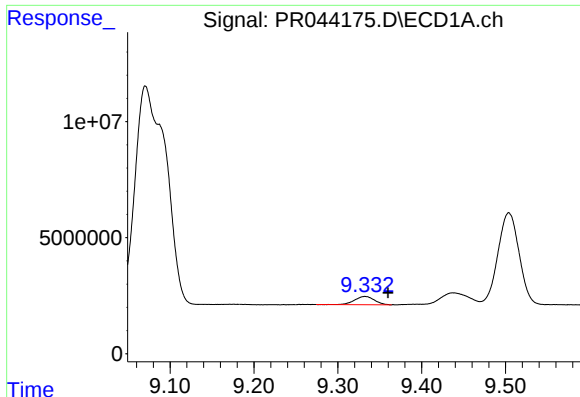
#42 AR-1268-2

R.T.: 9.071 min
Delta R.T.: -0.046 min
Response: 238121158
Conc: 323.18 ng/ml



#42 AR-1268-2

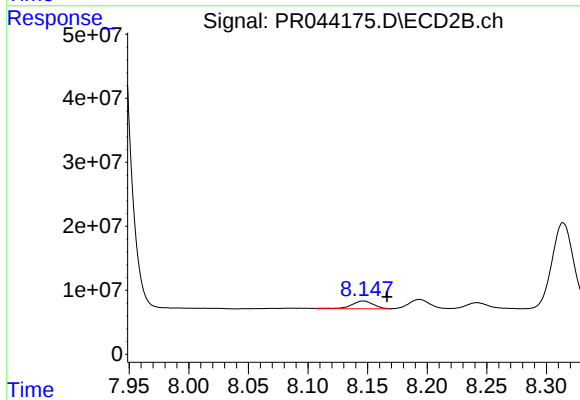
R.T.: 7.936 min
Delta R.T.: -0.020 min
Response: 1222757277
Conc: 584.59 ng/ml



#43 AR-1268-3

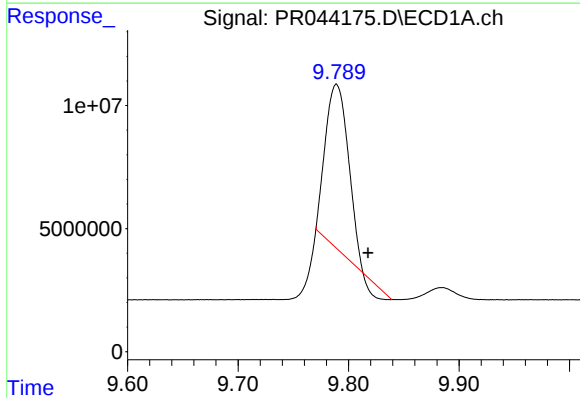
R.T.: 9.332 min
Delta R.T.: -0.028 min
Response: 5912772
Conc: 9.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
A42N5DL



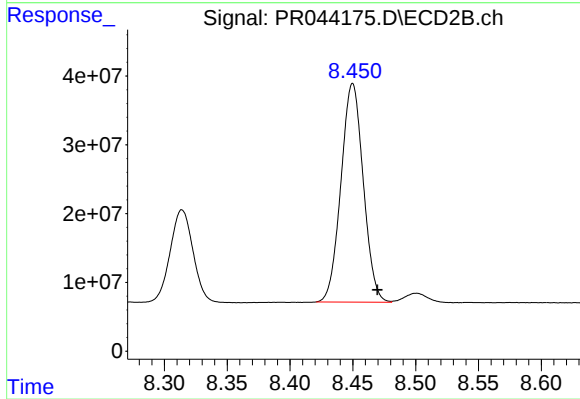
#43 AR-1268-3

R.T.: 8.147 min
Delta R.T.: -0.020 min
Response: 15432887
Conc: 8.57 ng/ml



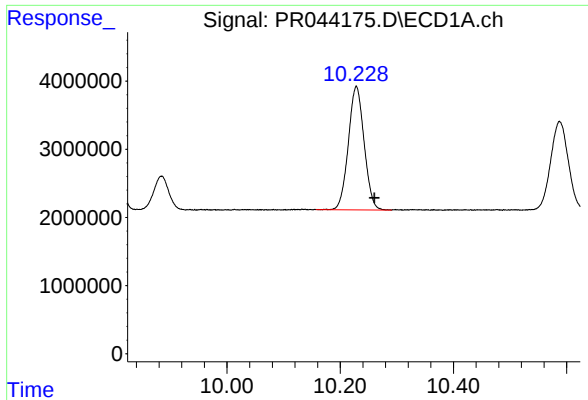
#44 AR-1268-4

R.T.: 9.789 min
Delta R.T.: -0.029 min
Response: 91539010
Conc: 346.01 ng/ml



#44 AR-1268-4

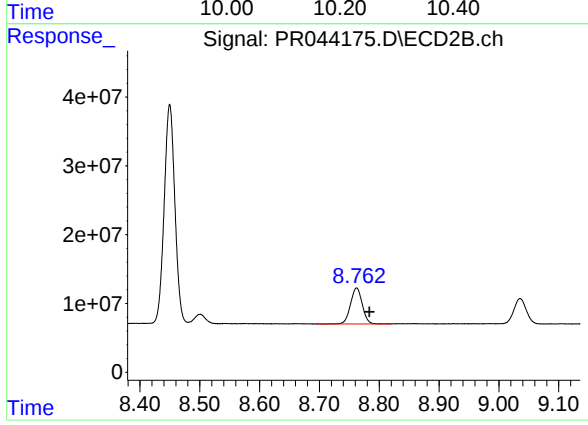
R.T.: 8.450 min
Delta R.T.: -0.020 min
Response: 393441496
Conc: 558.33 ng/ml



#45 AR-1268-5

R.T.: 10.228 min
Delta R.T.: -0.032 min
Response: 35043839
Conc: 16.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
A42N5DL



#45 AR-1268-5

R.T.: 8.762 min
Delta R.T.: -0.021 min
Response: 71867573
Conc: 14.73 ng/ml