

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121919\
 Data File : PR044020.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2019 10:20
 Operator : SM\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 11:58:22 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...	4.715	3.973	68229605	186.4E6	17.071	16.886
2)	SA Decachlor...	10.620	9.057	174.1E6	380.8E6	36.489	37.751
Target Compounds							
3)	L1 AR-1016-1	5.891	5.063	34020183	69216933	214.108	200.585
4)	L1 AR-1016-2	5.914	5.083	39291381	70528334	172.866	146.628
5)	L1 AR-1016-3	5.976	5.262	20047485	42222963	149.066	193.754 #
6)	L1 AR-1016-4	6.076	5.301	21869015	80366556	193.650	445.150 #
7)	L1 AR-1016-5	6.370	5.517	53447278	109.5E6	473.092	463.334
9)	L2 AR-1221-2	0.000	4.275	0	4217470	N.D.	51.693 #
10)	L2 AR-1221-3	5.090	4.348	3970543	10645221	40.484	38.154
11)	L3 AR-1232-1	5.090	4.348	3970543	10645221	49.554	46.133
12)	L3 AR-1232-2	5.623	5.083	13746480	70528334	311.186	323.924
13)	L3 AR-1232-3	5.914	5.262	39291381	42222963	411.642	445.338
14)	L3 AR-1232-4	6.076	5.344	21869015	82799661	467.232	956.225 #
15)	L3 AR-1232-5	6.162	5.517	47232542	109.5E6	1379.558	1113.309
16)	L4 AR-1242-1	5.891	5.063	34020183	69216933	268.884	240.589
17)	L4 AR-1242-2	5.914	5.083	39291381	70528334	216.835	178.355
18)	L4 AR-1242-3	5.976	5.262	20047485	42222963	184.653	222.157
19)	L4 AR-1242-4	6.076	5.344	21869015	82799661	242.227	452.884 #
20)	L4 AR-1242-5	6.813	5.868	60911012	185.9E6	554.441	626.552
21)	L5 AR-1248-1	5.891	5.063	34020183	69216933	339.708	300.833
22)	L5 AR-1248-2	6.162	5.301	47232542	80366556	344.513	307.145
23)	L5 AR-1248-3	6.370	5.344	53447278	82799661	338.090	312.747
24)	L5 AR-1248-4	6.773	5.517	64287991	109.5E6	331.078	328.977
25)	L5 AR-1248-5	6.813	5.911	60911012	133.4E6	332.161	326.318
26)	L6 AR-1254-1	6.746	5.868	50290865	185.9E6	263.155	308.668
27)	L6 AR-1254-2	6.971	6.016	64390481	52882812	211.207	97.450 #
28)	L6 AR-1254-3	7.333	6.422	36293104	89946325	105.243	94.342
29)	L6 AR-1254-4	7.618	6.649	25148885	68026867	95.995	102.562
30)	L6 AR-1254-5	8.038	7.069	7132451	14928121	25.169	17.155 #
31)	L7 AR-1260-1	7.496	6.542	5563752	12817961	24.068	23.455
32)	L7 AR-1260-2	7.747	6.738	6208288	13393607	21.758	16.689
33)	L7 AR-1260-3	0.000	6.893	0	10809410	N.D.	16.185 #
34)	L7 AR-1260-4	8.342	7.366	3425698	3040560	13.230	5.416 #
35)	L7 AR-1260-5	8.686	7.604	2696332	8637398	4.827	5.131
36)	L8 AR-1262-1	0.000	7.069	0	14928121	N.D.	30.177 #
37)	L8 AR-1262-2	8.686	7.604	2696332	8637398	3.798	3.972
38)	L8 AR-1262-3	0.000	7.890	0	2313776	N.D.	2.679 #
39)	L8 AR-1262-4	0.000	7.954	0	7533531	N.D.	5.298 #
40)	L8 AR-1262-5	0.000	8.469	0	3104518	N.D.	4.856 #
41)	L9 AR-1268-1	0.000	7.890	0	2313776	N.D.	0.946 #
42)	L9 AR-1268-2	0.000	7.954	0	7533531	N.D.	3.602 #

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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
43) L9	AR-1268-3	0.000	8.164	0	2981381	N.D.	1.656 #
44) L9	AR-1268-4	0.000	8.469	0	3104518	N.D.	4.406 #
45) L9	AR-1268-5	0.000	8.782	0	4154107	N.D.	0.851 #

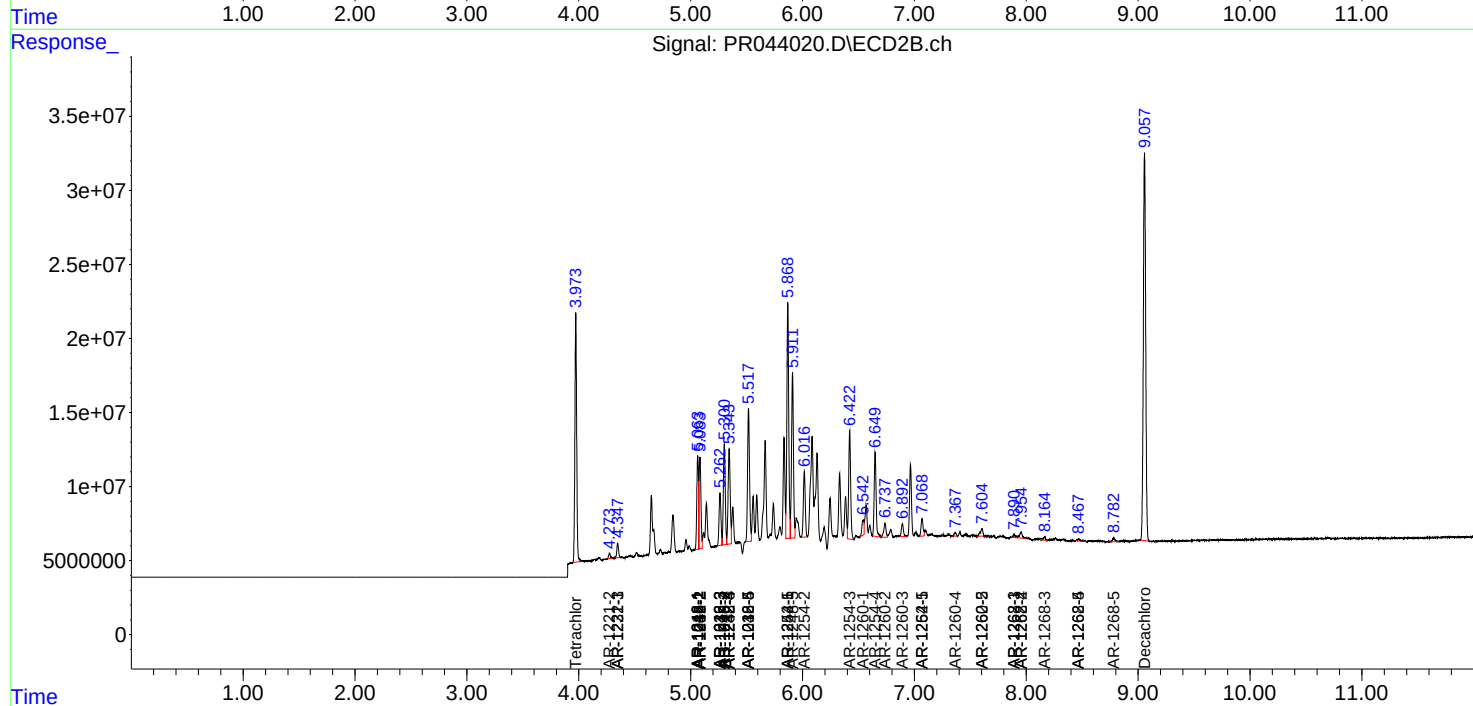
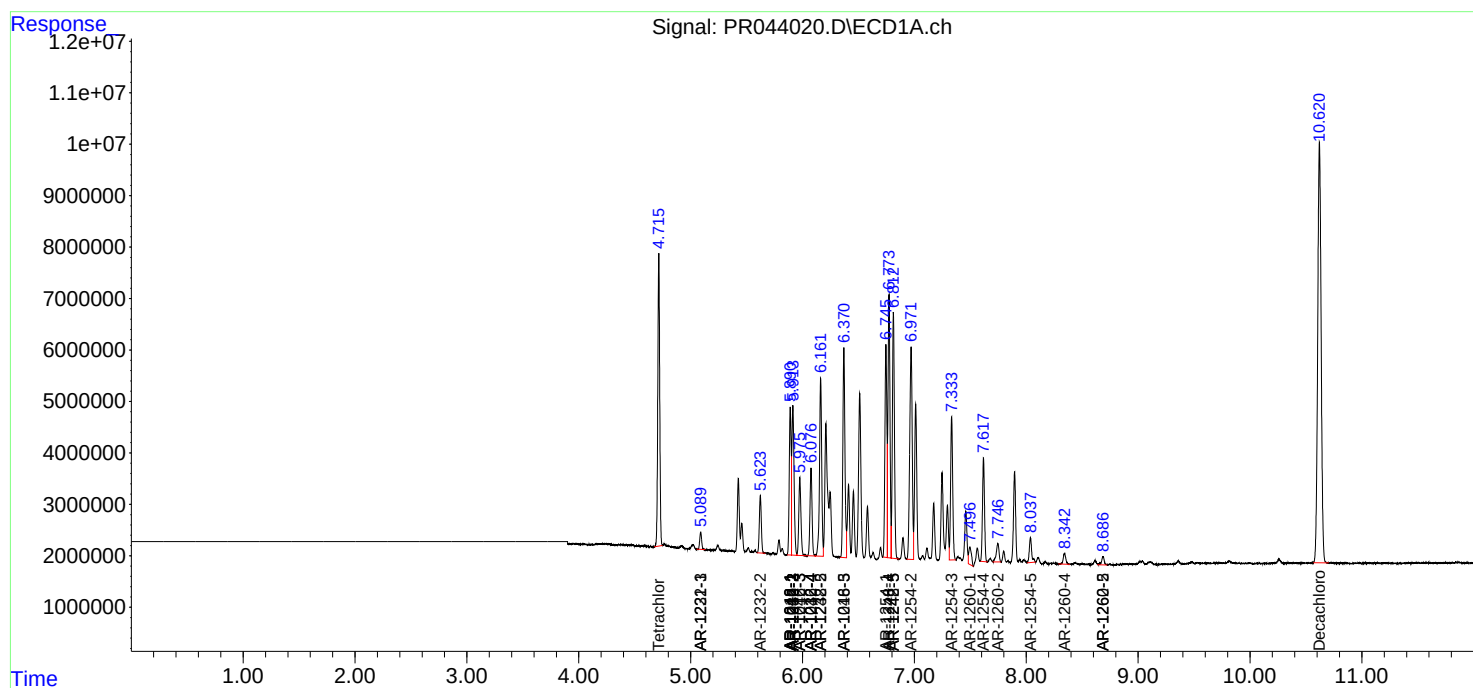
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

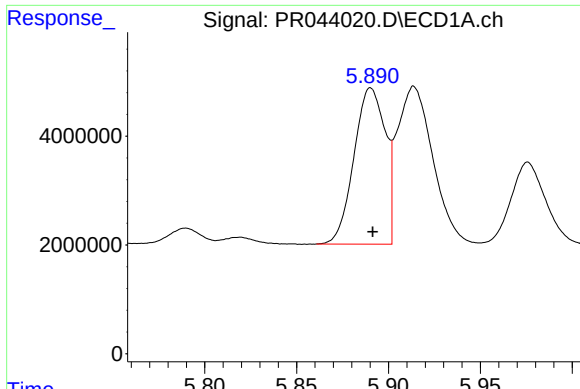
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Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

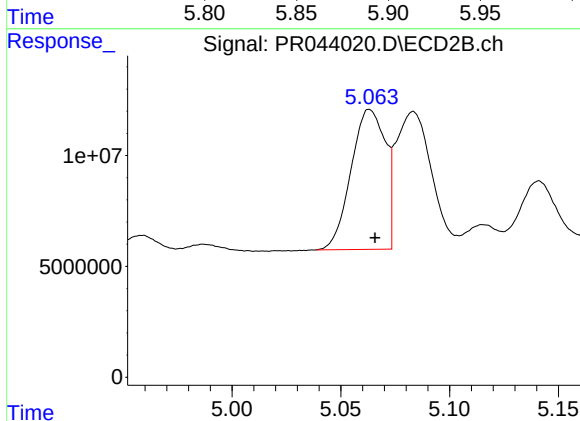




#3 AR-1016-1

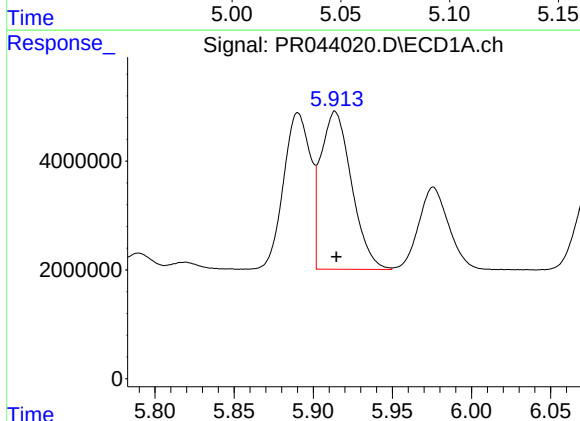
R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 34020183
Conc: 214.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



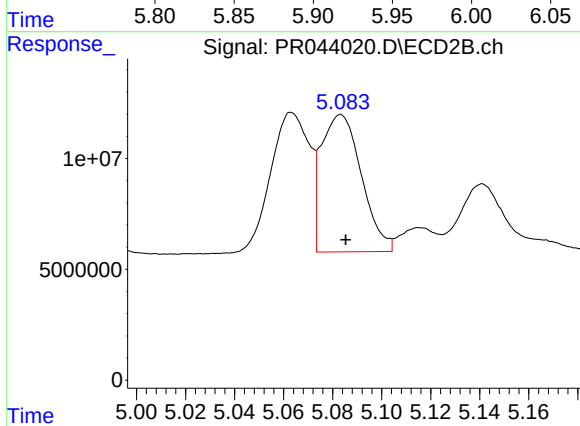
#3 AR-1016-1

R.T.: 5.063 min
Delta R.T.: -0.002 min
Response: 69216933
Conc: 200.59 ng/ml



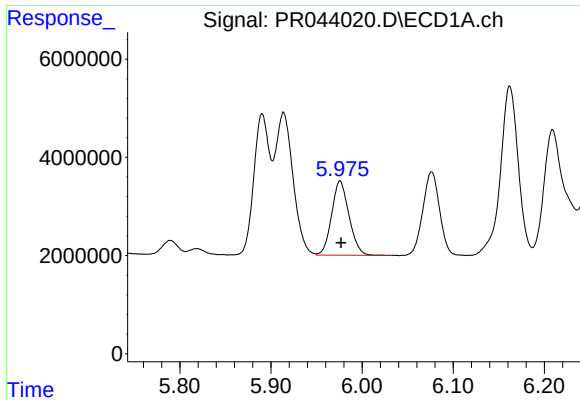
#4 AR-1016-2

R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 39291381
Conc: 172.87 ng/ml



#4 AR-1016-2

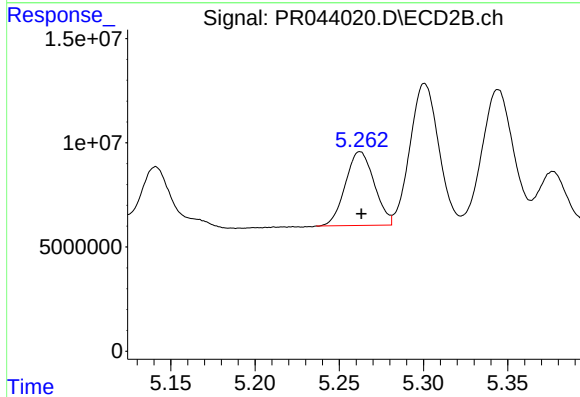
R.T.: 5.083 min
Delta R.T.: -0.002 min
Response: 70528334
Conc: 146.63 ng/ml



#5 AR-1016-3

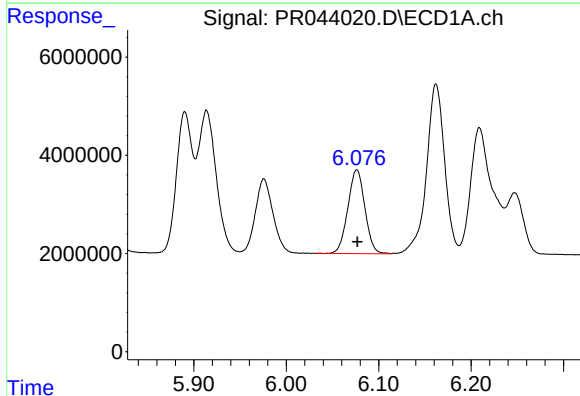
R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 20047485
Conc: 149.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



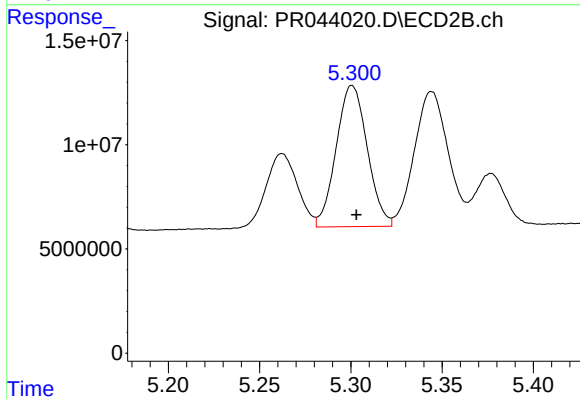
#5 AR-1016-3

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 42222963
Conc: 193.75 ng/ml



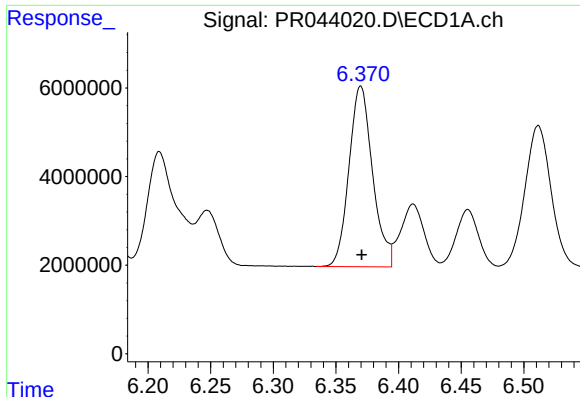
#6 AR-1016-4

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 21869015
Conc: 193.65 ng/ml



#6 AR-1016-4

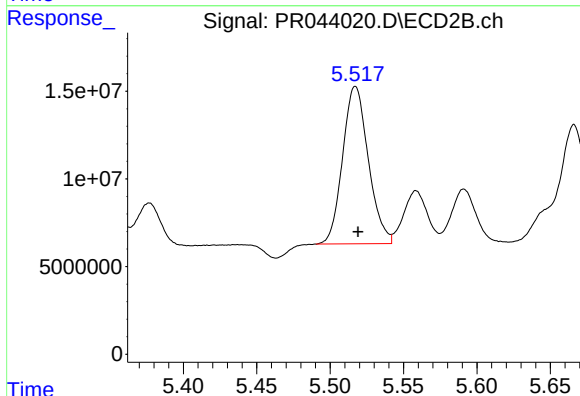
R.T.: 5.301 min
Delta R.T.: -0.002 min
Response: 80366556
Conc: 445.15 ng/ml



#7 AR-1016-5

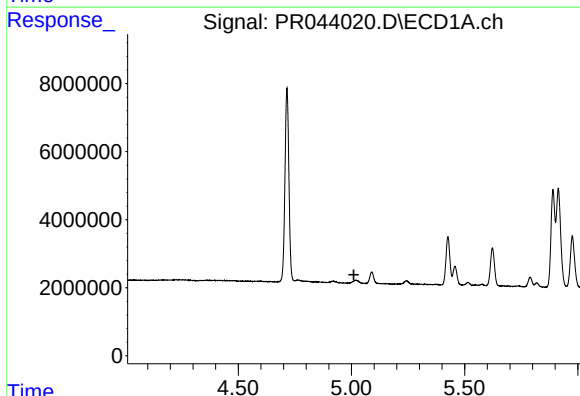
R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 53447278
Conc: 473.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



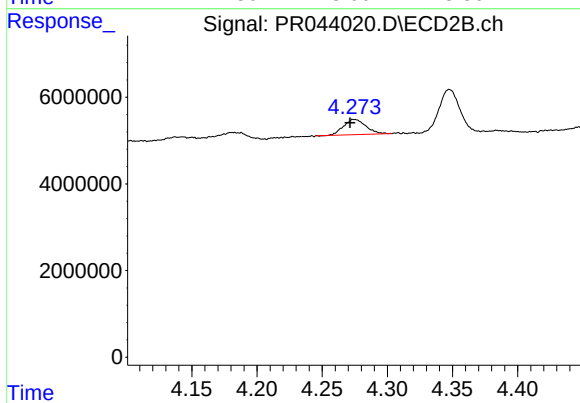
#7 AR-1016-5

R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 109473882
Conc: 463.33 ng/ml



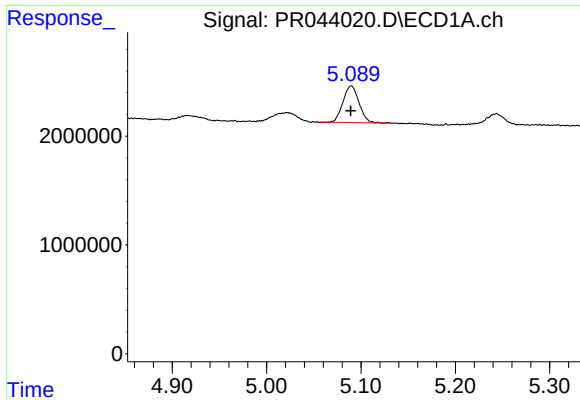
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 5.011 min
Response: 0
Conc: N.D.



#9 AR-1221-2

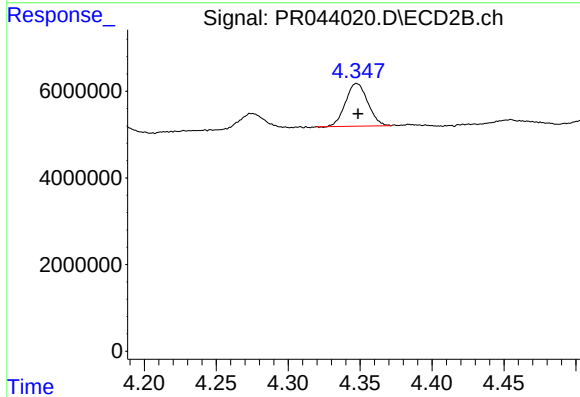
R.T.: 4.275 min
Delta R.T.: 0.003 min
Response: 4217470
Conc: 51.69 ng/ml



#10 AR-1221-3

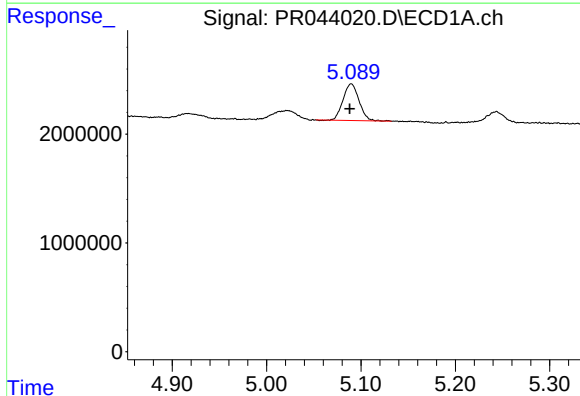
R.T.: 5.090 min
Delta R.T.: 0.000 min
Response: 3970543
Conc: 40.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



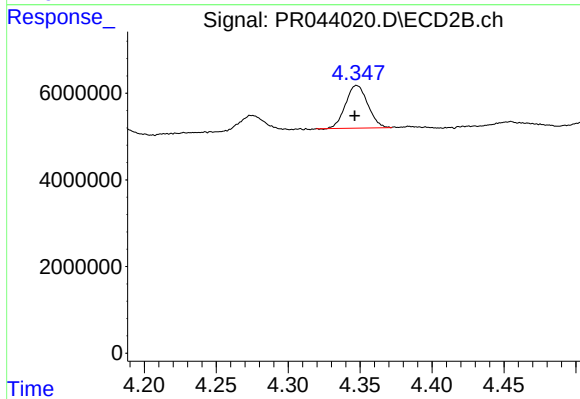
#10 AR-1221-3

R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 10645221
Conc: 38.15 ng/ml



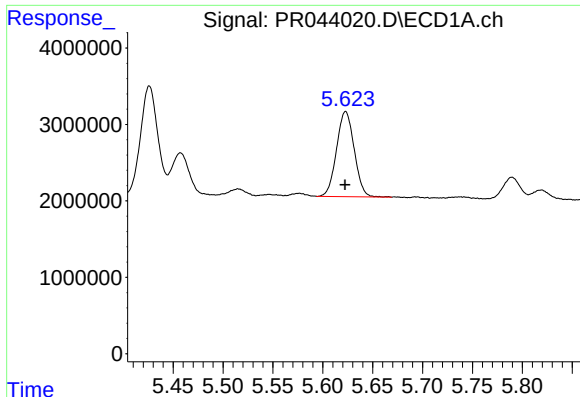
#11 AR-1232-1

R.T.: 5.090 min
Delta R.T.: 0.001 min
Response: 3970543
Conc: 49.55 ng/ml



#11 AR-1232-1

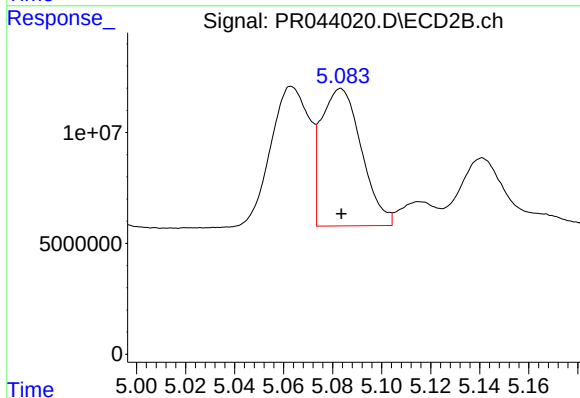
R.T.: 4.348 min
Delta R.T.: 0.001 min
Response: 10645221
Conc: 46.13 ng/ml



#12 AR-1232-2

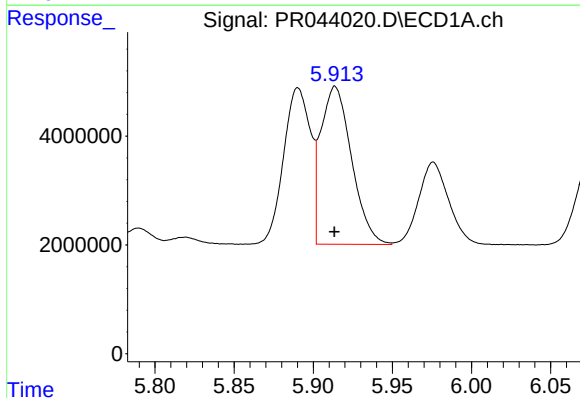
R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 13746480
Conc: 311.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



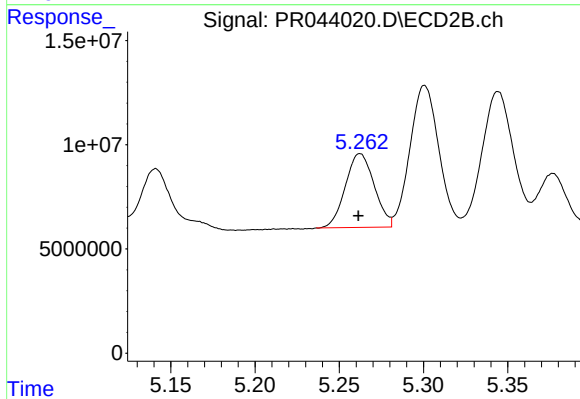
#12 AR-1232-2

R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 70528334
Conc: 323.92 ng/ml



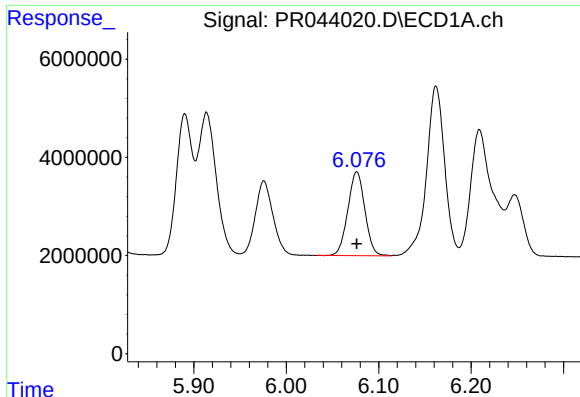
#13 AR-1232-3

R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 39291381
Conc: 411.64 ng/ml



#13 AR-1232-3

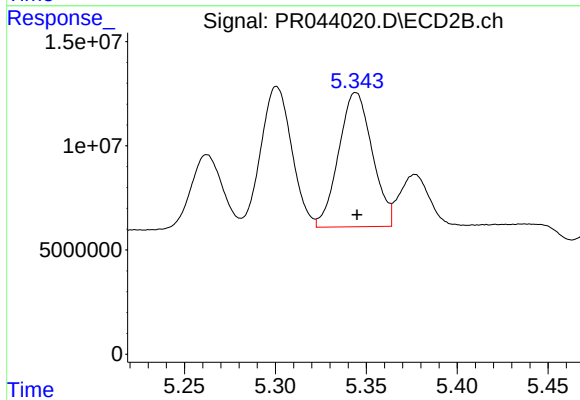
R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 42222963
Conc: 445.34 ng/ml



#14 AR-1232-4

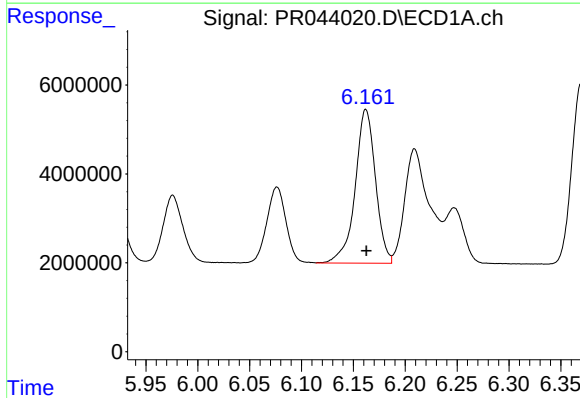
R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 21869015
Conc: 467.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



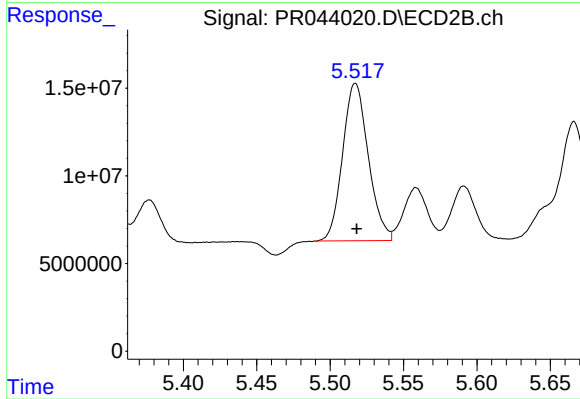
#14 AR-1232-4

R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 82799661
Conc: 956.23 ng/ml



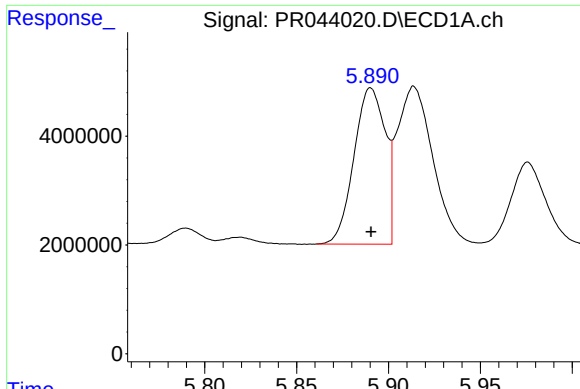
#15 AR-1232-5

R.T.: 6.162 min
Delta R.T.: 0.000 min
Response: 47232542
Conc: 1379.56 ng/ml



#15 AR-1232-5

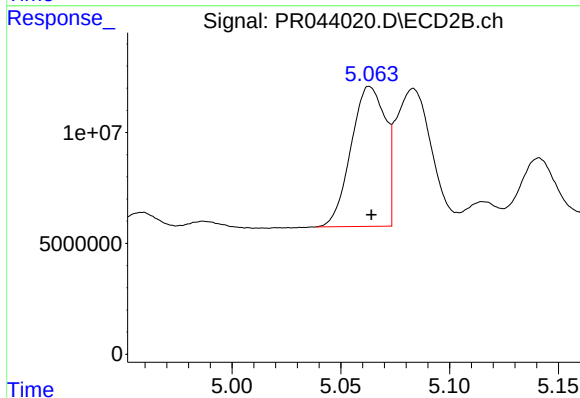
R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 109473882
Conc: 1113.31 ng/ml



#16 AR-1242-1

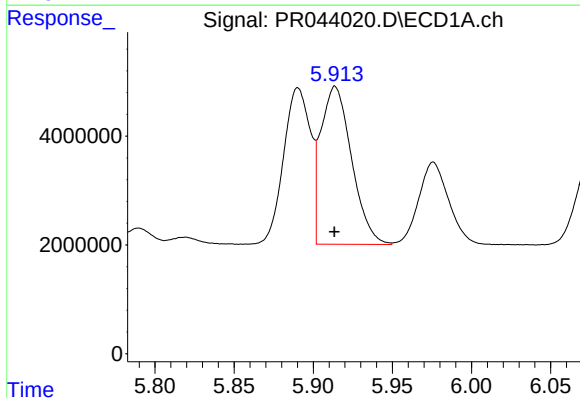
R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 34020183
Conc: 268.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



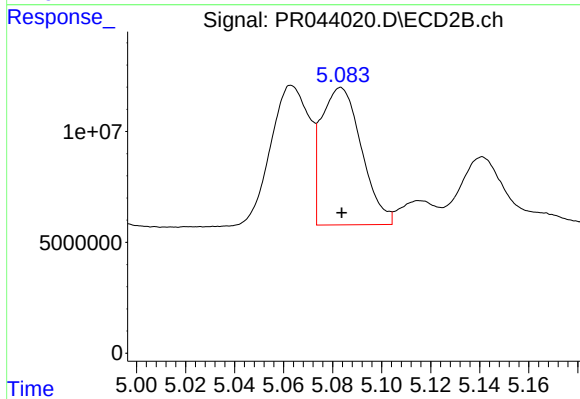
#16 AR-1242-1

R.T.: 5.063 min
Delta R.T.: 0.000 min
Response: 69216933
Conc: 240.59 ng/ml



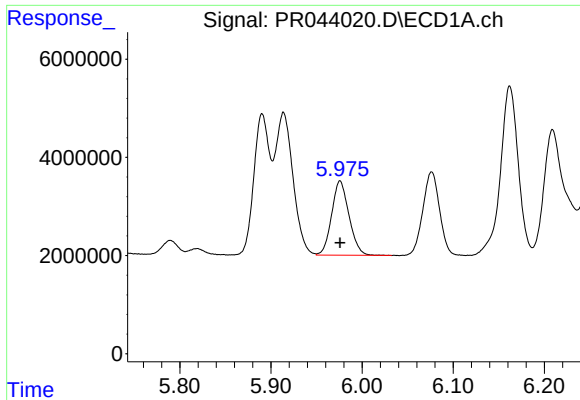
#17 AR-1242-2

R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 39291381
Conc: 216.84 ng/ml



#17 AR-1242-2

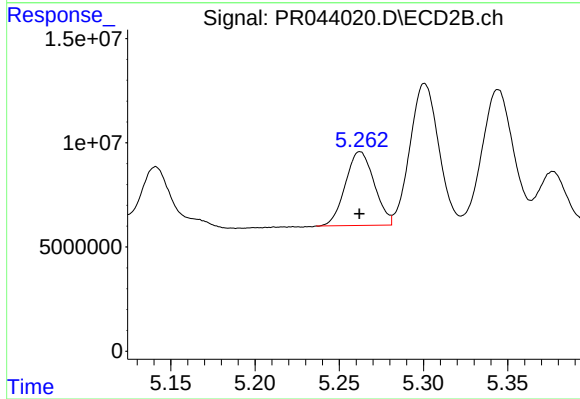
R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 70528334
Conc: 178.35 ng/ml



#18 AR-1242-3

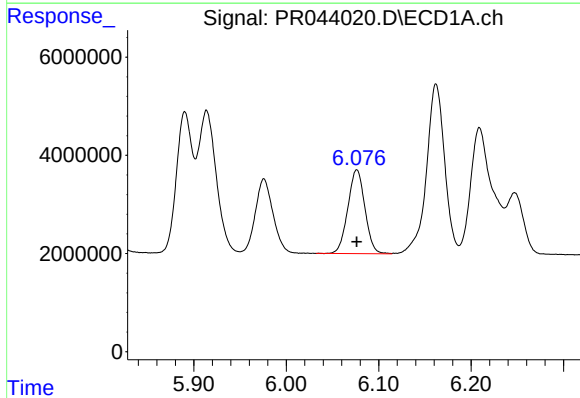
R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 20047485
Conc: 184.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



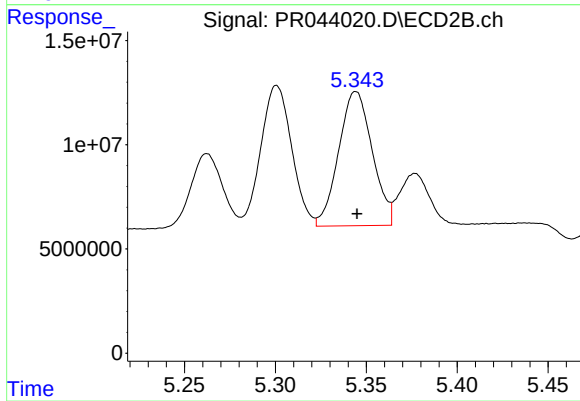
#18 AR-1242-3

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 42222963
Conc: 222.16 ng/ml



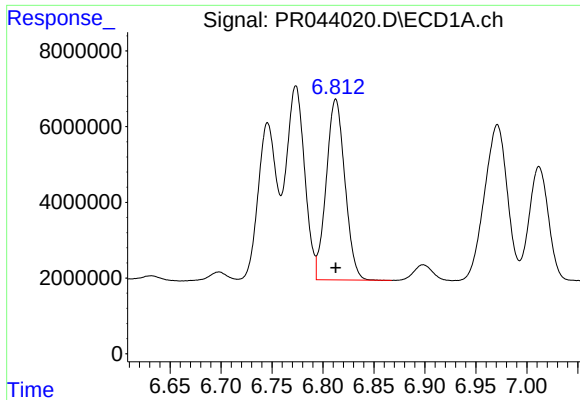
#19 AR-1242-4

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 21869015
Conc: 242.23 ng/ml



#19 AR-1242-4

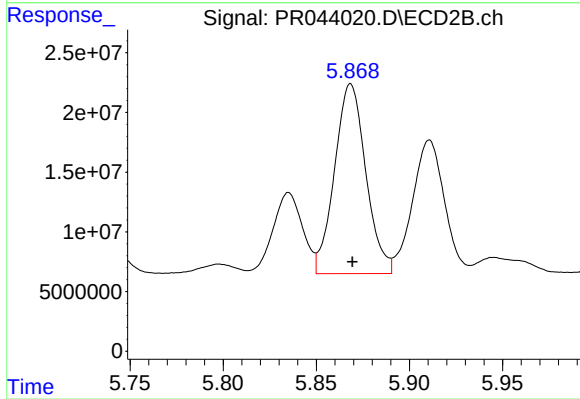
R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 82799661
Conc: 452.88 ng/ml



#20 AR-1242-5

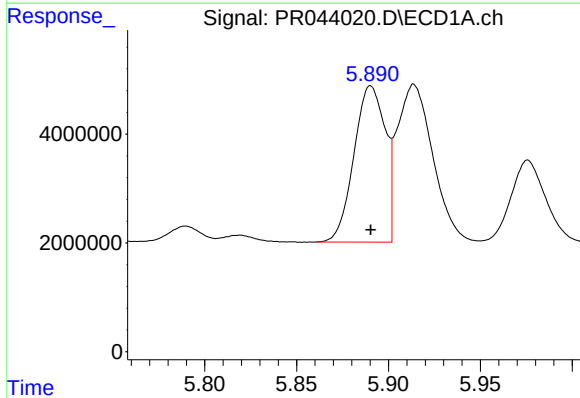
R.T.: 6.813 min
Delta R.T.: 0.000 min
Response: 60911012
Conc: 554.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



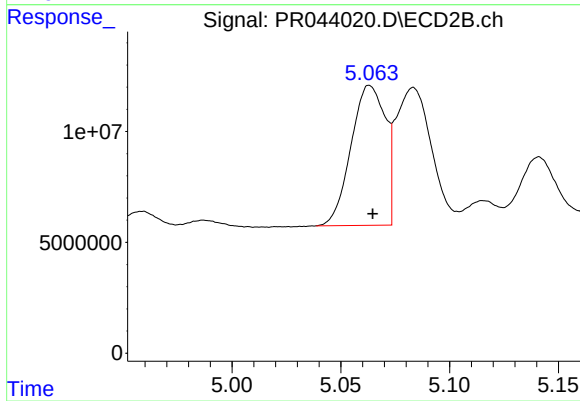
#20 AR-1242-5

R.T.: 5.868 min
Delta R.T.: 0.000 min
Response: 185859255
Conc: 626.55 ng/ml



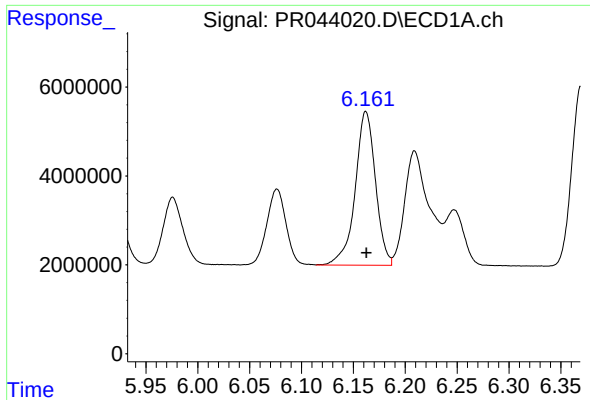
#21 AR-1248-1

R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 34020183
Conc: 339.71 ng/ml



#21 AR-1248-1

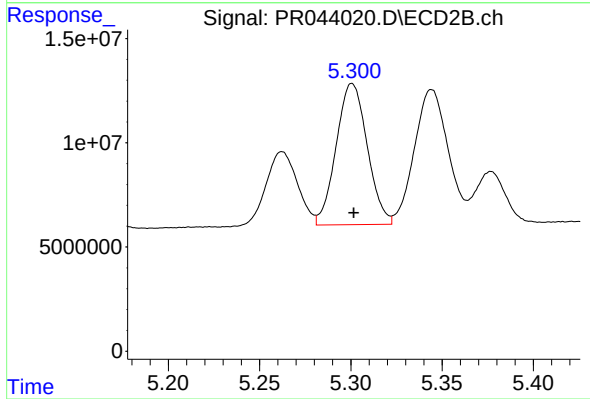
R.T.: 5.063 min
Delta R.T.: -0.001 min
Response: 69216933
Conc: 300.83 ng/ml



#22 AR-1248-2

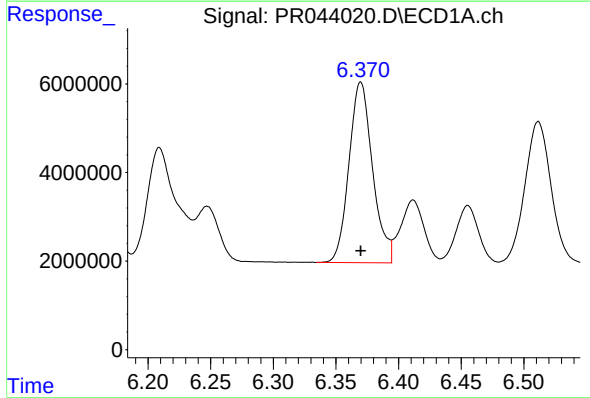
R.T.: 6.162 min
Delta R.T.: 0.000 min
Response: 47232542
Conc: 344.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



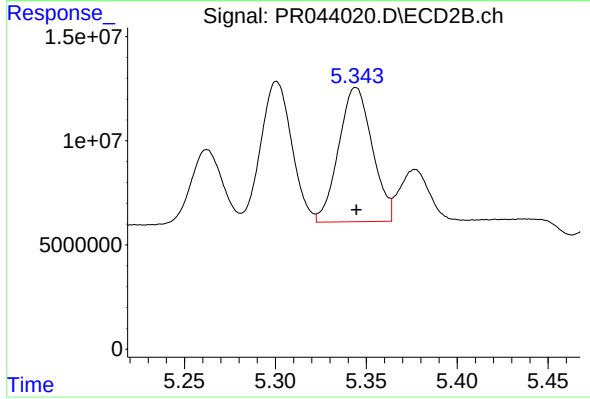
#22 AR-1248-2

R.T.: 5.301 min
Delta R.T.: 0.000 min
Response: 80366556
Conc: 307.14 ng/ml



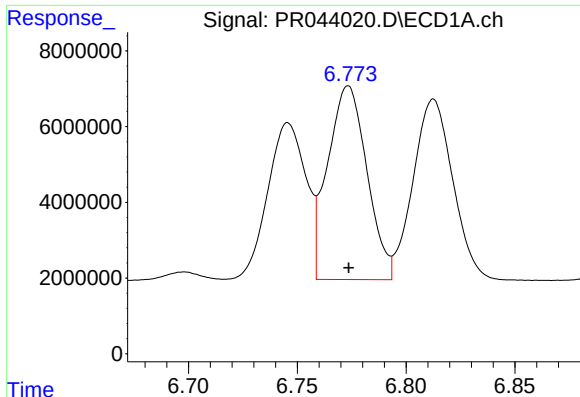
#23 AR-1248-3

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 53447278
Conc: 338.09 ng/ml



#23 AR-1248-3

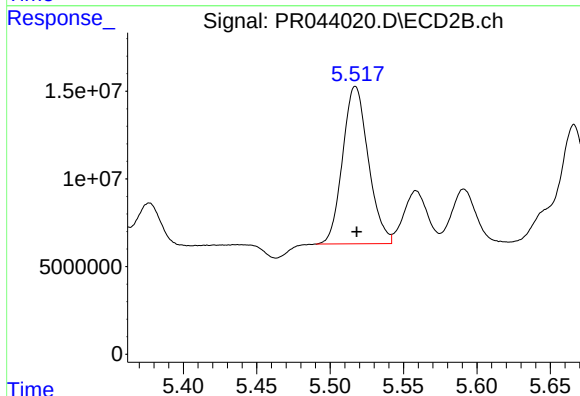
R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 82799661
Conc: 312.75 ng/ml



#24 AR-1248-4

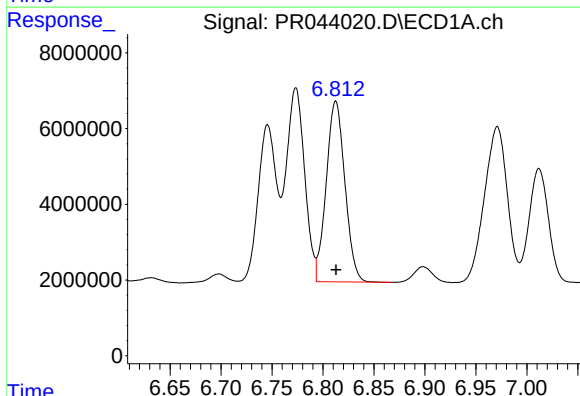
R.T.: 6.773 min
Delta R.T.: 0.000 min
Response: 64287991
Conc: 331.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



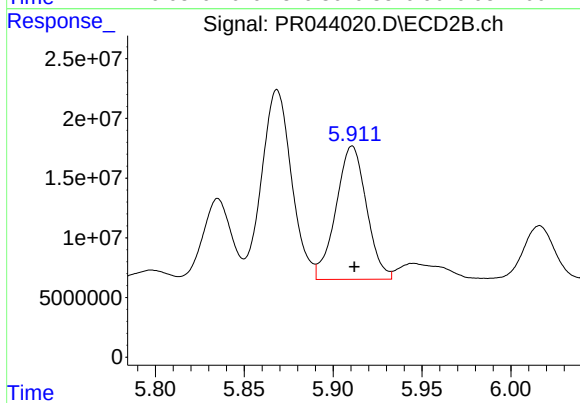
#24 AR-1248-4

R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 109473882
Conc: 328.98 ng/ml



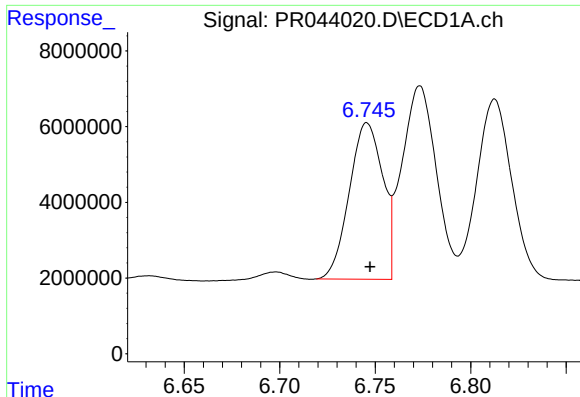
#25 AR-1248-5

R.T.: 6.813 min
Delta R.T.: 0.000 min
Response: 60911012
Conc: 332.16 ng/ml



#25 AR-1248-5

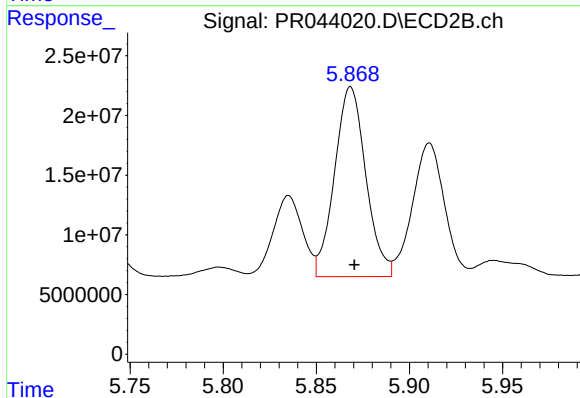
R.T.: 5.911 min
Delta R.T.: -0.001 min
Response: 133395748
Conc: 326.32 ng/ml



#26 AR-1254-1

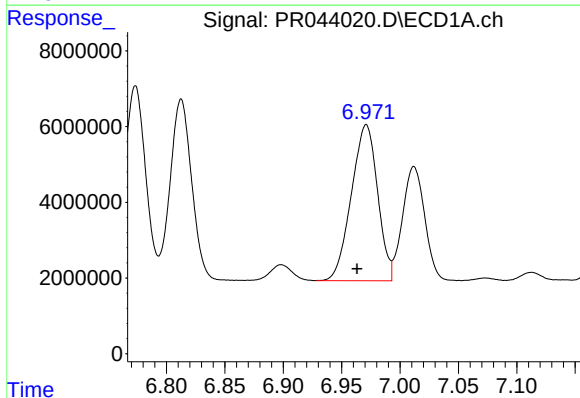
R.T.: 6.746 min
Delta R.T.: -0.001 min
Response: 50290865
Conc: 263.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



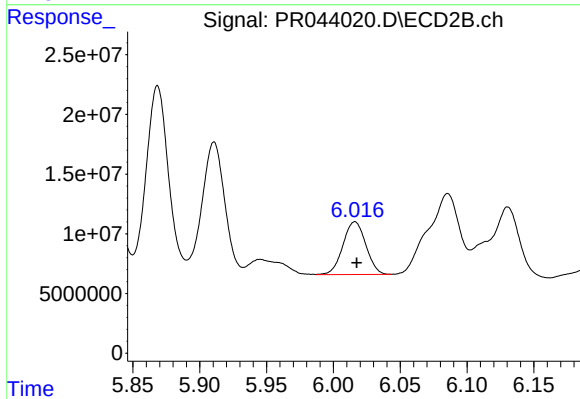
#26 AR-1254-1

R.T.: 5.868 min
Delta R.T.: -0.002 min
Response: 185859255
Conc: 308.67 ng/ml



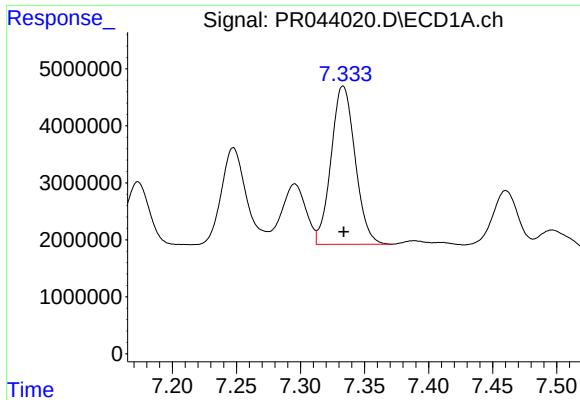
#27 AR-1254-2

R.T.: 6.971 min
Delta R.T.: 0.008 min
Response: 64390481
Conc: 211.21 ng/ml



#27 AR-1254-2

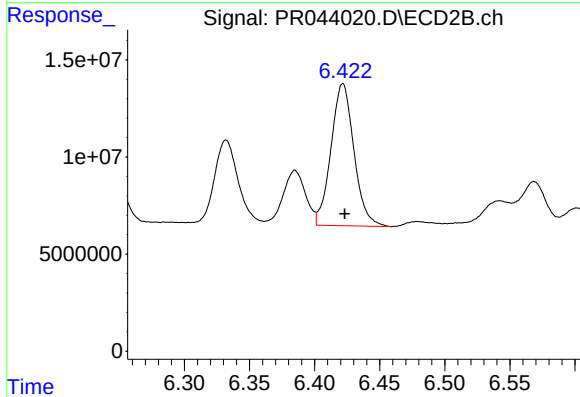
R.T.: 6.016 min
Delta R.T.: -0.001 min
Response: 52882812
Conc: 97.45 ng/ml



#28 AR-1254-3

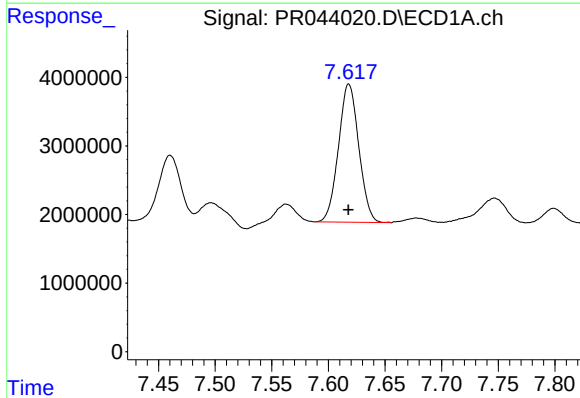
R.T.: 7.333 min
Delta R.T.: 0.000 min
Response: 36293104
Conc: 105.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



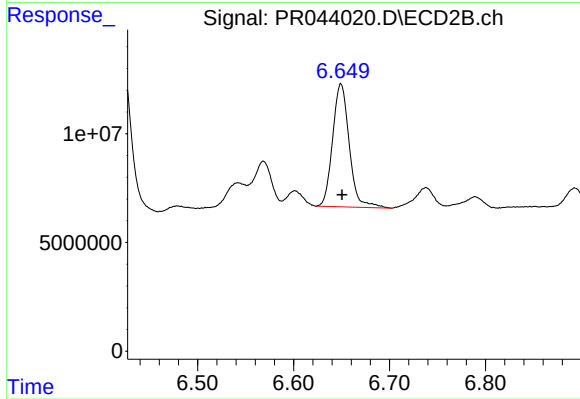
#28 AR-1254-3

R.T.: 6.422 min
Delta R.T.: -0.001 min
Response: 89946325
Conc: 94.34 ng/ml



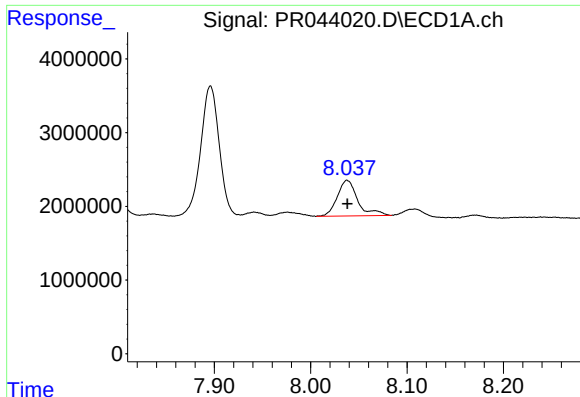
#29 AR-1254-4

R.T.: 7.618 min
Delta R.T.: 0.000 min
Response: 25148885
Conc: 96.00 ng/ml



#29 AR-1254-4

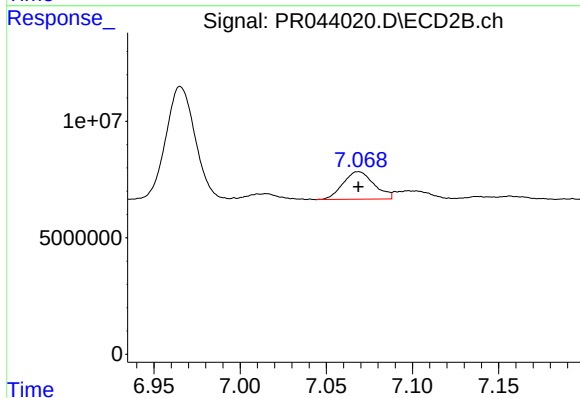
R.T.: 6.649 min
Delta R.T.: -0.001 min
Response: 68026867
Conc: 102.56 ng/ml



#30 AR-1254-5

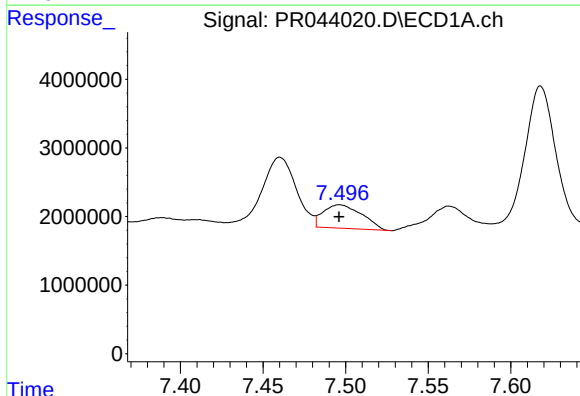
R.T.: 8.038 min
Delta R.T.: 0.000 min
Response: 7132451
Conc: 25.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



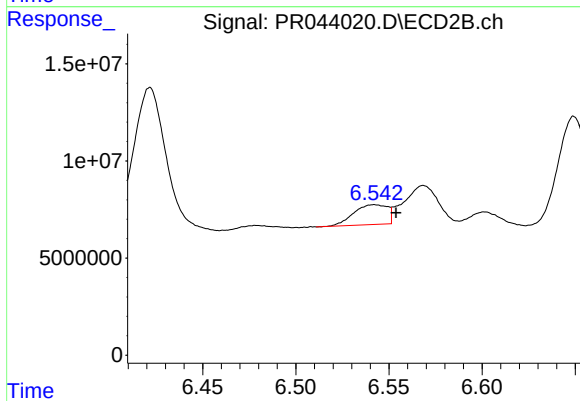
#30 AR-1254-5

R.T.: 7.069 min
Delta R.T.: 0.000 min
Response: 14928121
Conc: 17.15 ng/ml



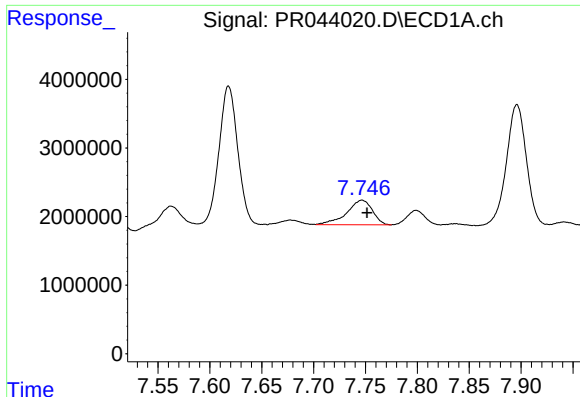
#31 AR-1260-1

R.T.: 7.496 min
Delta R.T.: 0.000 min
Response: 5563752
Conc: 24.07 ng/ml



#31 AR-1260-1

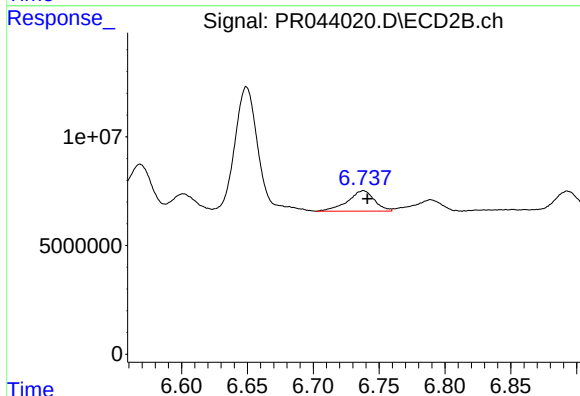
R.T.: 6.542 min
Delta R.T.: -0.012 min
Response: 12817961
Conc: 23.45 ng/ml



#32 AR-1260-2

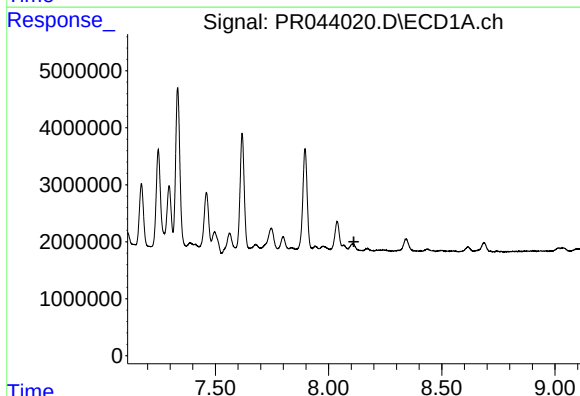
R.T.: 7.747 min
Delta R.T.: -0.005 min
Response: 6208288
Conc: 21.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



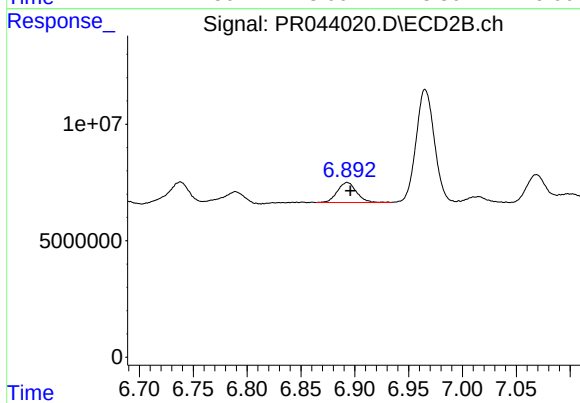
#32 AR-1260-2

R.T.: 6.738 min
Delta R.T.: -0.003 min
Response: 13393607
Conc: 16.69 ng/ml



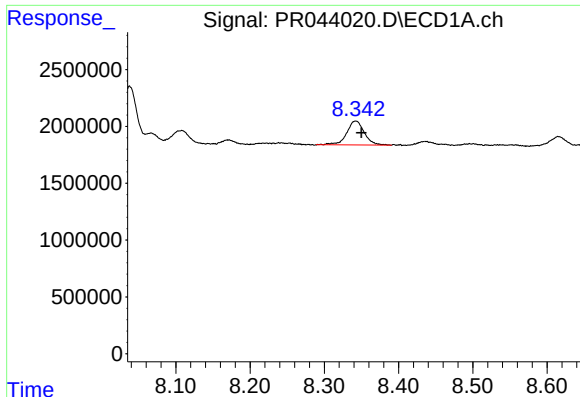
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 8.112 min
Response: 0
Conc: N.D.



#33 AR-1260-3

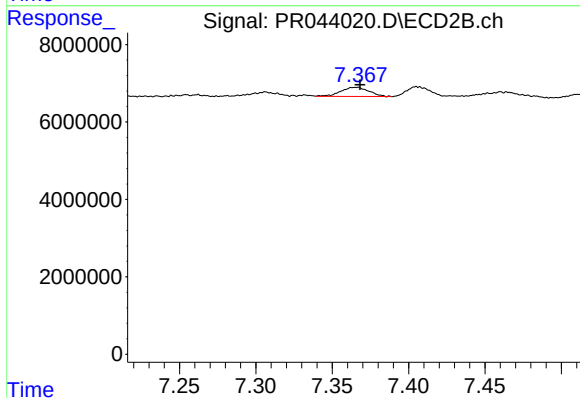
R.T.: 6.893 min
Delta R.T.: -0.003 min
Response: 10809410
Conc: 16.19 ng/ml



#34 AR-1260-4

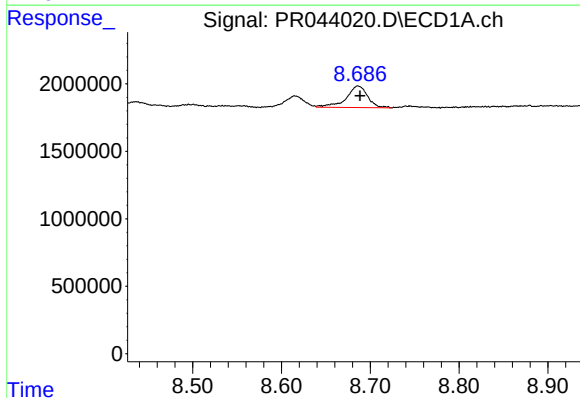
R.T.: 8.342 min
Delta R.T.: -0.008 min
Response: 3425698
Conc: 13.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



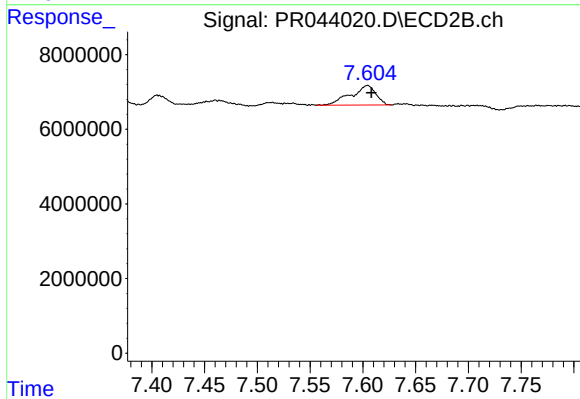
#34 AR-1260-4

R.T.: 7.366 min
Delta R.T.: -0.003 min
Response: 3040560
Conc: 5.42 ng/ml



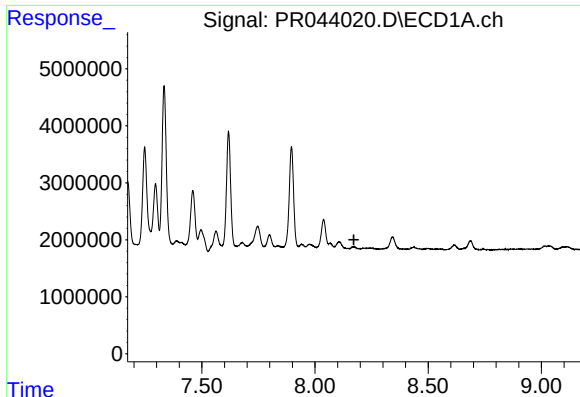
#35 AR-1260-5

R.T.: 8.686 min
Delta R.T.: -0.002 min
Response: 2696332
Conc: 4.83 ng/ml



#35 AR-1260-5

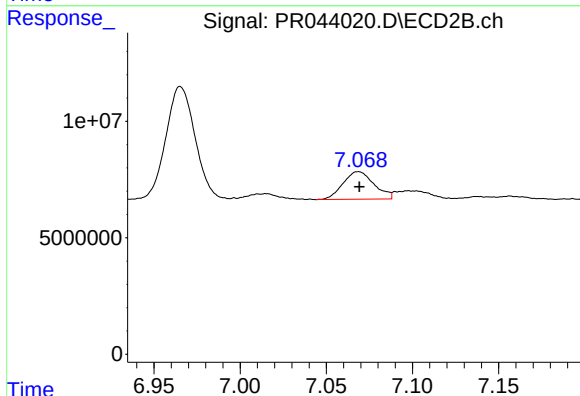
R.T.: 7.604 min
Delta R.T.: -0.004 min
Response: 8637398
Conc: 5.13 ng/ml



#36 AR-1262-1

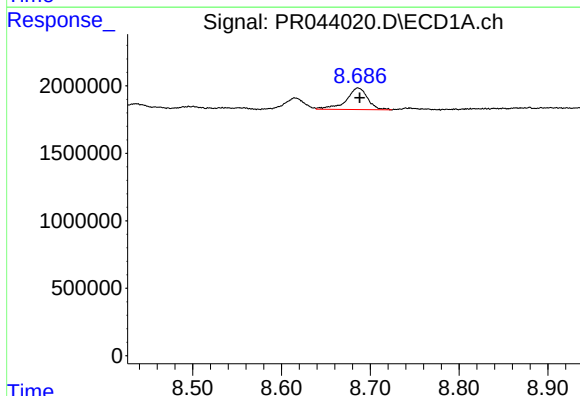
R.T.: 0.000 min
Exp R.T.: 8.172 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



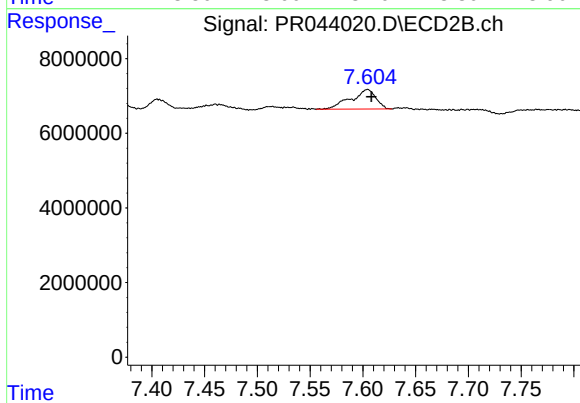
#36 AR-1262-1

R.T.: 7.069 min
Delta R.T.: 0.000 min
Response: 14928121
Conc: 30.18 ng/ml



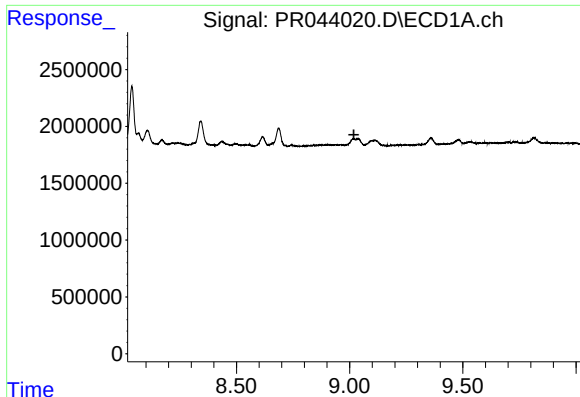
#37 AR-1262-2

R.T.: 8.686 min
Delta R.T.: -0.002 min
Response: 2696332
Conc: 3.80 ng/ml



#37 AR-1262-2

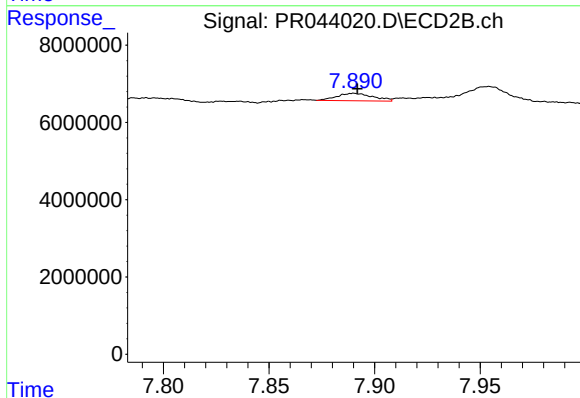
R.T.: 7.604 min
Delta R.T.: -0.004 min
Response: 8637398
Conc: 3.97 ng/ml



#38 AR-1262-3

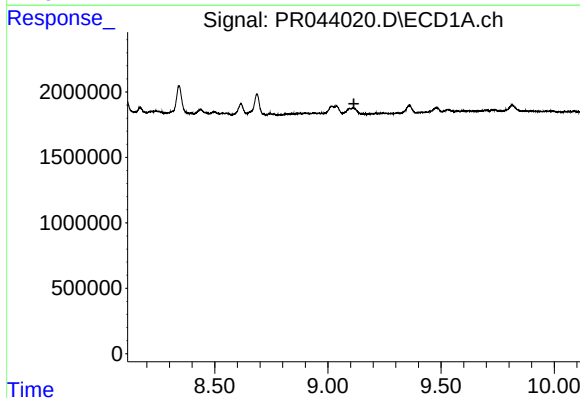
R.T.: 0.000 min
Exp R.T. : 9.019 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



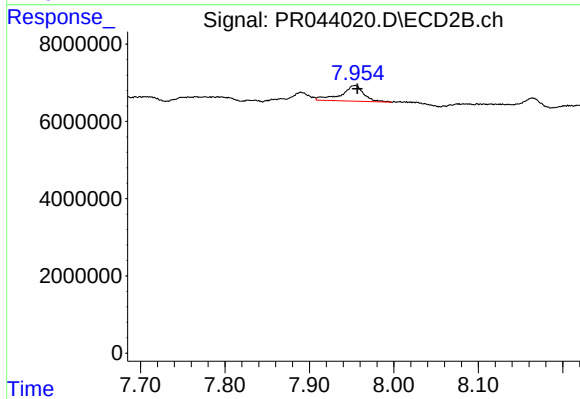
#38 AR-1262-3

R.T.: 7.890 min
Delta R.T.: -0.002 min
Response: 2313776
Conc: 2.68 ng/ml



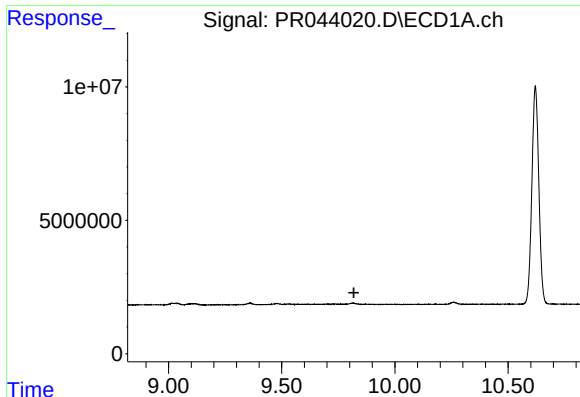
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 9.115 min
Response: 0
Conc: N.D.



#39 AR-1262-4

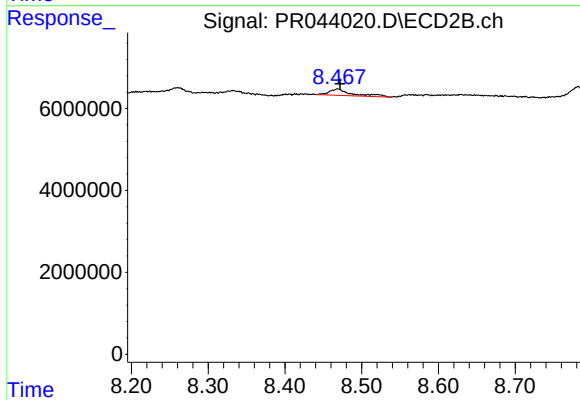
R.T.: 7.954 min
Delta R.T.: -0.003 min
Response: 7533531
Conc: 5.30 ng/ml



#40 AR-1262-5

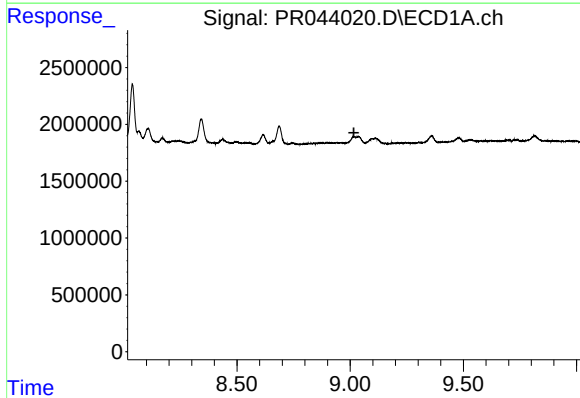
R.T.: 0.000 min
Exp R.T. : 9.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



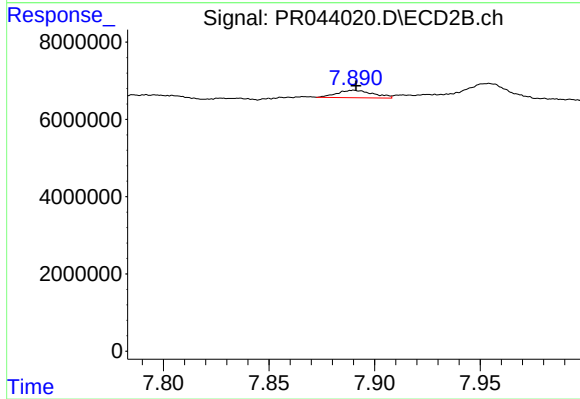
#40 AR-1262-5

R.T.: 8.469 min
Delta R.T.: -0.003 min
Response: 3104518
Conc: 4.86 ng/ml



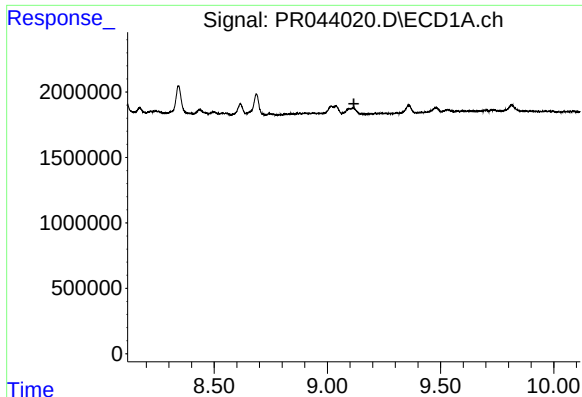
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 9.017 min
Response: 0
Conc: N.D.



#41 AR-1268-1

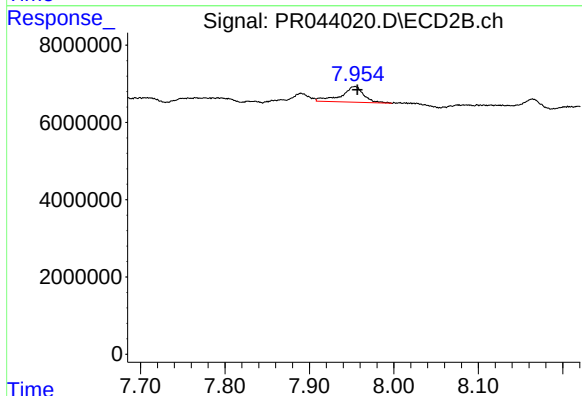
R.T.: 7.890 min
Delta R.T.: 0.000 min
Response: 2313776
Conc: 0.95 ng/ml



#42 AR-1268-2

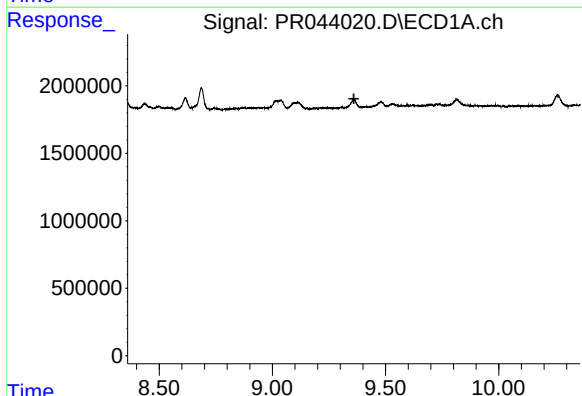
R.T.: 0.000 min
Exp R.T.: 9.117 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



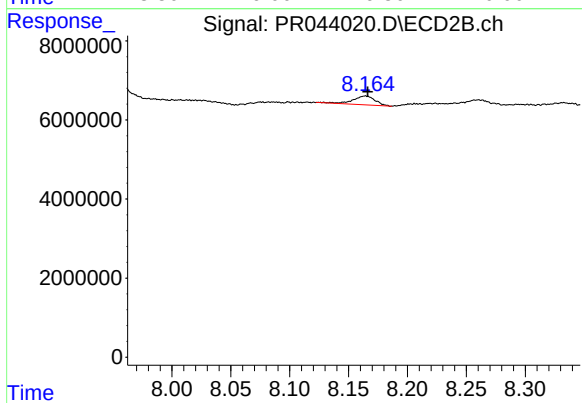
#42 AR-1268-2

R.T.: 7.954 min
Delta R.T.: -0.003 min
Response: 7533531
Conc: 3.60 ng/ml



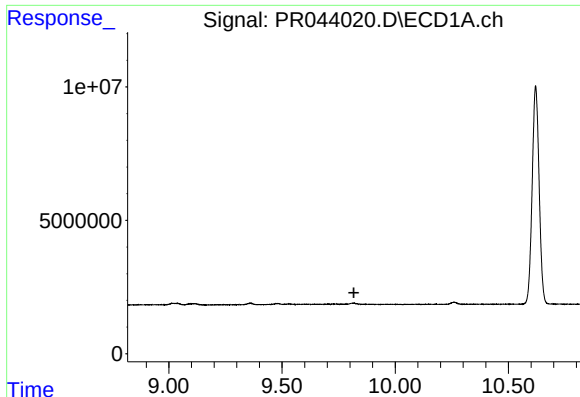
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 9.360 min
Response: 0
Conc: N.D.



#43 AR-1268-3

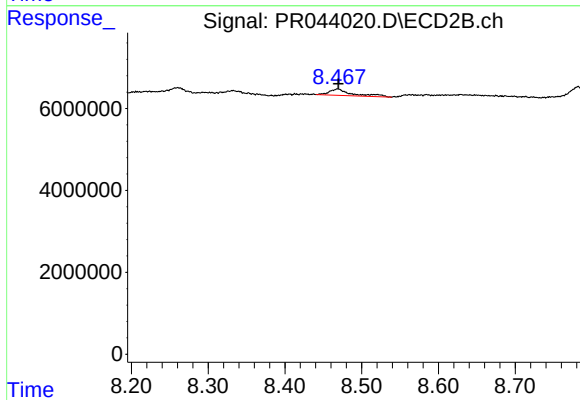
R.T.: 8.164 min
Delta R.T.: -0.002 min
Response: 2981381
Conc: 1.66 ng/ml



#44 AR-1268-4

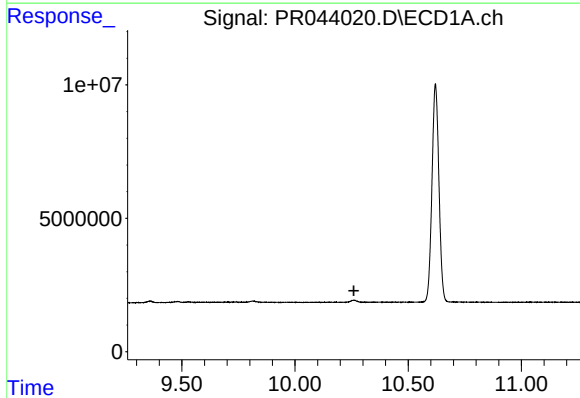
R.T.: 0.000 min
Exp R.T. : 9.818 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



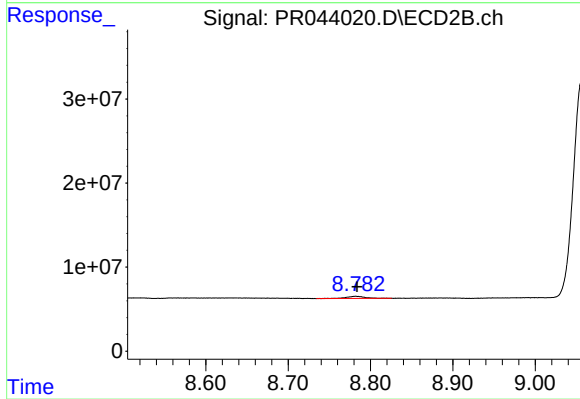
#44 AR-1268-4

R.T.: 8.469 min
Delta R.T.: 0.000 min
Response: 3104518
Conc: 4.41 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 10.260 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.782 min
Delta R.T.: -0.001 min
Response: 4154107
Conc: 0.85 ng/ml