

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR021519\
 Data File : PR035493.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Feb 2019 15:39
 Operator : SM\SJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1248314

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 15 22:49:03 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR020119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Feb 02 01:45:00 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...	4.428	3.499	33716682	71347291	21.743	23.260
2)	SA Decachlor...	10.104	8.382	96721274	238.6E6	43.799	41.727
Target Compounds							
3)	L1 AR-1016-1	5.591	4.556	15563459	39406502	159.638	178.798
4)	L1 AR-1016-2	5.613	4.572	22441396	36527576	153.918	105.376 #
5)	L1 AR-1016-3	5.675	4.746	10867192	27044700	121.178	153.723 #
6)	L1 AR-1016-4	5.773	4.786	11744360	53424213	156.293	393.967 #
7)	L1 AR-1016-5	6.065	4.994	29123908	69041528	386.977	354.623
9)	L2 AR-1221-2	0.000	3.864f	0	4496996	N.D.	144.116 #
10)	L2 AR-1221-3	4.800	3.864	2273678	4496996	49.302	41.935
11)	L3 AR-1232-1	4.800	3.864	2273678	4496996	68.050	56.570
12)	L3 AR-1232-2	5.325	4.572	7694489	36527576	417.969	376.739
13)	L3 AR-1232-3	5.613	4.746	22441396	27044700	551.127	543.186
14)	L3 AR-1232-4	5.773	4.826	11744360	54800066	577.413	1232.682 #
15)	L3 AR-1232-5	5.861	4.994	25221124	69041528	1631.342	1349.268
16)	L4 AR-1242-1	5.591	4.556	15563459	39406502	284.305	315.647
17)	L4 AR-1242-2	5.613	4.572	22441396	36527576	274.499	185.775 #
18)	L4 AR-1242-3	5.675	4.746	10867192	27044700	214.910	263.244
19)	L4 AR-1242-4	5.773	4.826	11744360	54800066	282.082	543.544 #
20)	L4 AR-1242-5	6.504	5.338	34495698	105.3E6	681.849	727.352
21)	L5 AR-1248-1	5.591	4.556	15563459	39406502	400.930	429.549
22)	L5 AR-1248-2	5.861	4.786	25221124	53424213	445.226	416.055
23)	L5 AR-1248-3	6.065	4.826	29123908	54800066	454.728	413.303
24)	L5 AR-1248-4	6.466	4.994	36690777	69041528	466.551	413.093
25)	L5 AR-1248-5	6.504	5.378	34495698	72924704	463.977	412.468
26)	L6 AR-1254-1	6.438	5.338	26404244	105.3E6	237.825	272.336
27)	L6 AR-1254-2	6.660	5.483	35948683	30418244	202.386	89.496 #
28)	L6 AR-1254-3	7.022	5.878	19729575	50504392	103.409	86.240
29)	L6 AR-1254-4	7.306	6.103	15811468	38021362	98.181	96.872
30)	L6 AR-1254-5	7.723	6.514	4730408	6920371	28.672	12.517 #
31)	L7 AR-1260-1	7.184	6.020	2461508	24811814	14.312	54.890 #
32)	L7 AR-1260-2	7.436	6.192	3576755	6052455	14.773	9.975 #
33)	L7 AR-1260-3	7.723	6.340	4730408	6330910	17.762	11.681 #
34)	L7 AR-1260-4	8.015	6.844	2128256	2760388	11.286	6.025 #
35)	L7 AR-1260-5	8.338	7.047	1952926	5624627	4.247	4.456
36)	L8 AR-1262-1	7.793	6.514f	1515271	6920371	8.184	14.541 #
37)	L8 AR-1262-2	8.338	7.047	1952926	5624627	6.091	6.355
38)	L8 AR-1262-3	8.659	7.390f	1203024	3009695	5.900	8.204 #
39)	L8 AR-1262-4	0.000	7.390	0	3009695	N.D.	4.804 #
40)	L8 AR-1262-5	9.390	0.000	1784362	0	17.759	N.D. #
41)	L9 AR-1268-1	8.659	7.390f	1203024	3009695	2.043	1.877
42)	L9 AR-1268-2	0.000	7.390	0	3009695	N.D.	2.120 #

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 ClientSampleId :
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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	9.390	0.000	1784362	0	11.073	N.D. #
45) L9	AR-1268-5	9.778	0.000	1117949	0	0.935	N.D. #

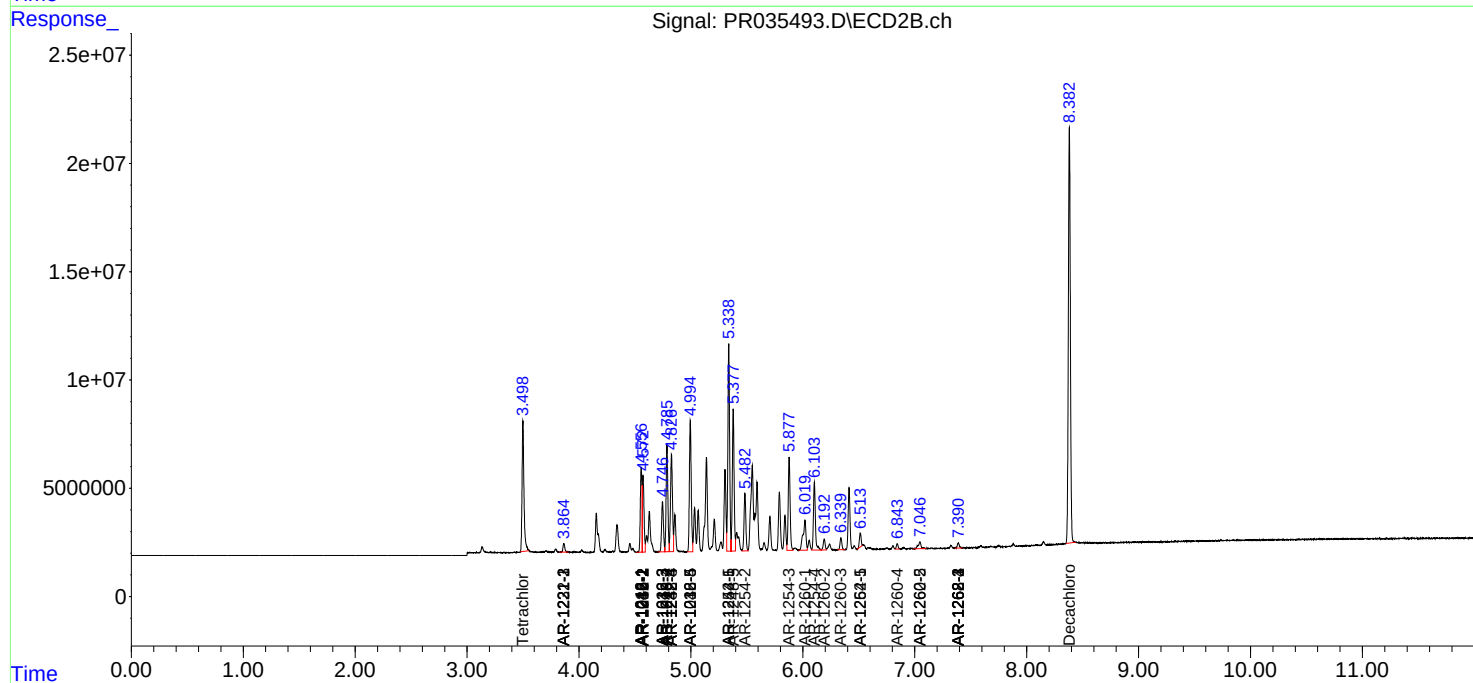
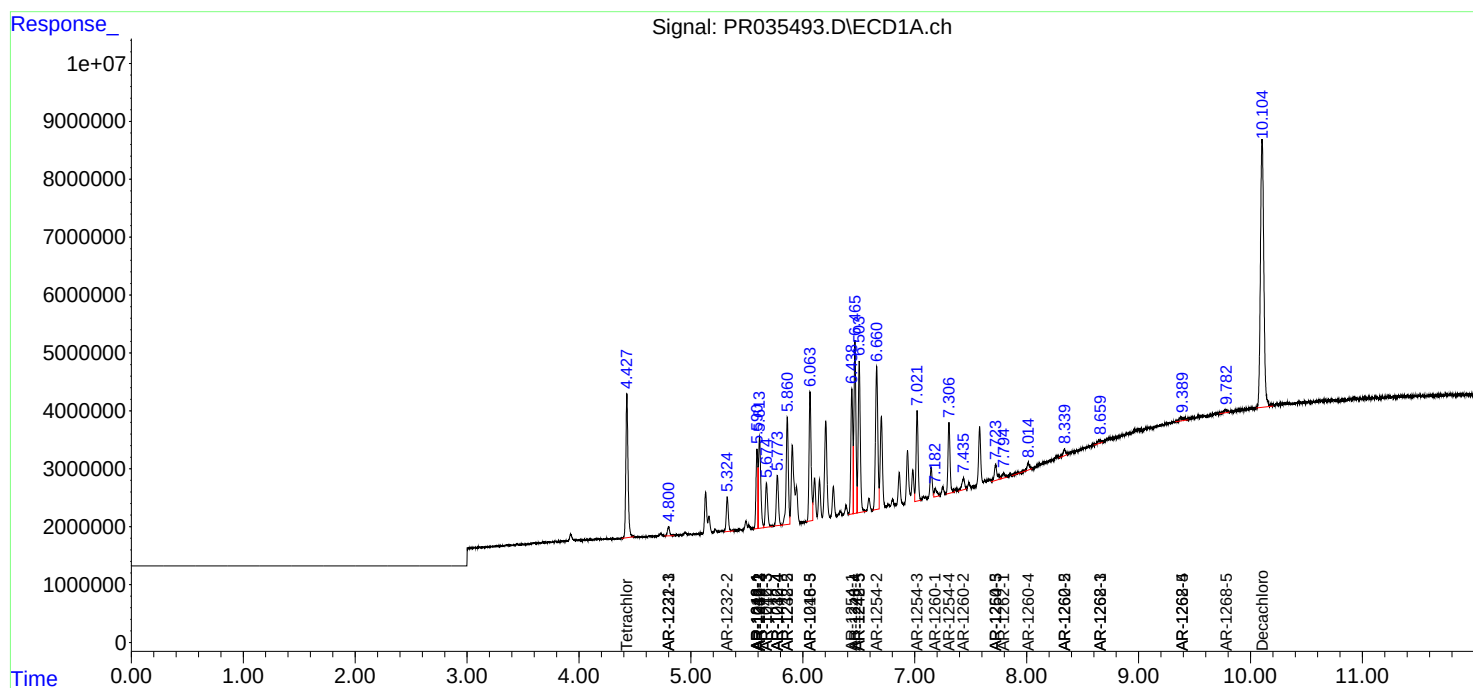
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

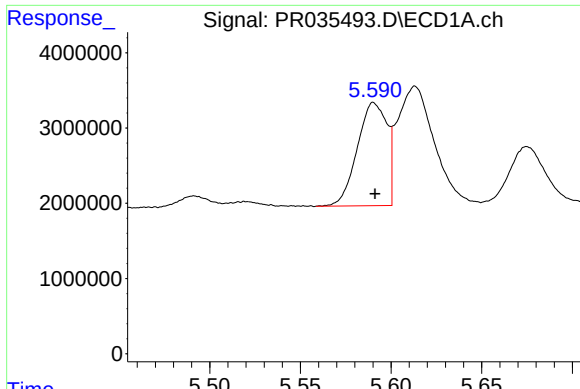
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Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

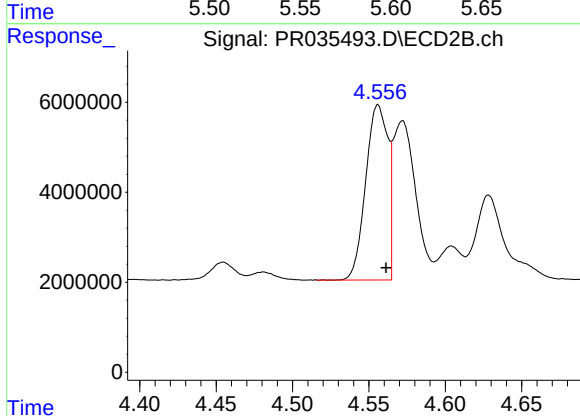




#3 AR-1016-1

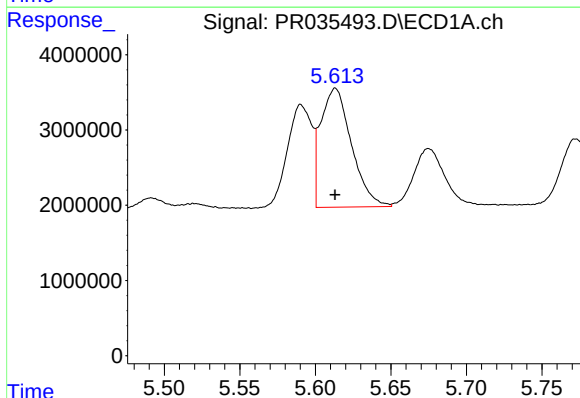
R.T.: 5.591 min
Delta R.T.: 0.000 min
Response: 15563459
Conc: 159.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248314



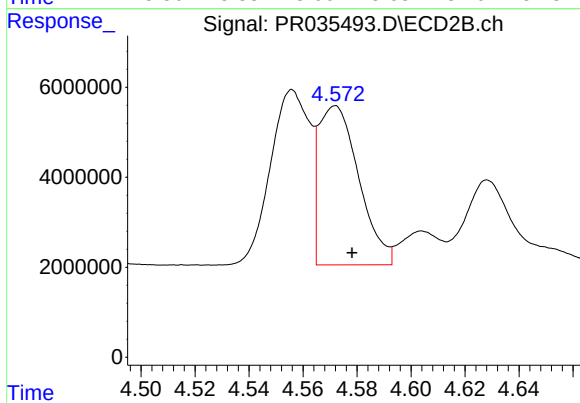
#3 AR-1016-1

R.T.: 4.556 min
Delta R.T.: -0.005 min
Response: 39406502
Conc: 178.80 ng/ml



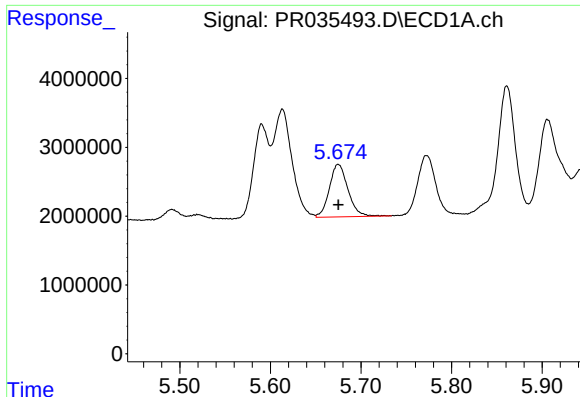
#4 AR-1016-2

R.T.: 5.613 min
Delta R.T.: 0.000 min
Response: 22441396
Conc: 153.92 ng/ml



#4 AR-1016-2

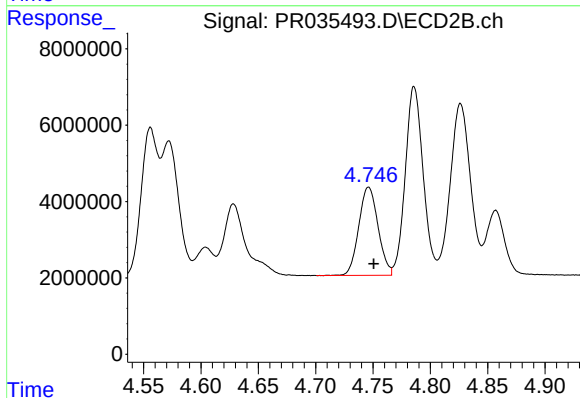
R.T.: 4.572 min
Delta R.T.: -0.006 min
Response: 36527576
Conc: 105.38 ng/ml



#5 AR-1016-3

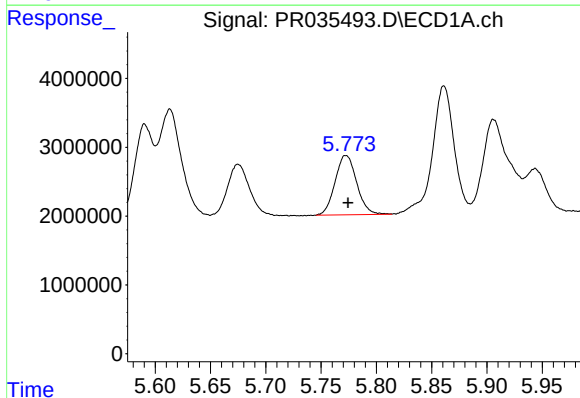
R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 10867192
Conc: 121.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248314



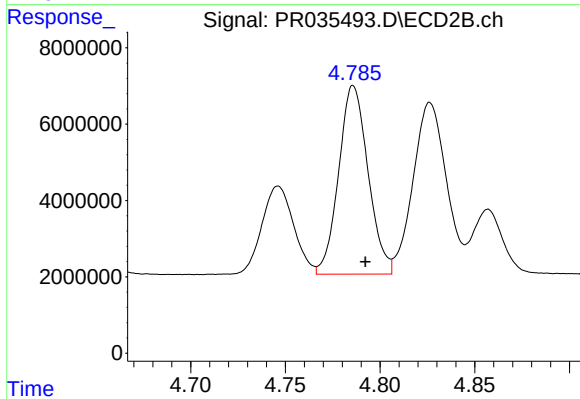
#5 AR-1016-3

R.T.: 4.746 min
Delta R.T.: -0.005 min
Response: 27044700
Conc: 153.72 ng/ml



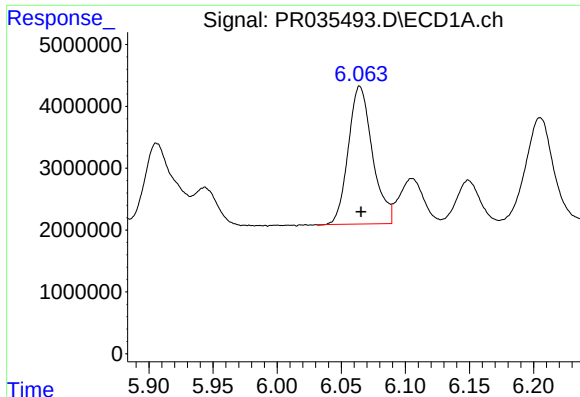
#6 AR-1016-4

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 11744360
Conc: 156.29 ng/ml



#6 AR-1016-4

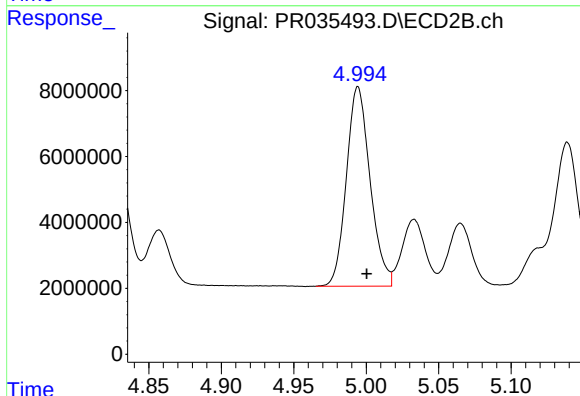
R.T.: 4.786 min
Delta R.T.: -0.006 min
Response: 53424213
Conc: 393.97 ng/ml



#7 AR-1016-5

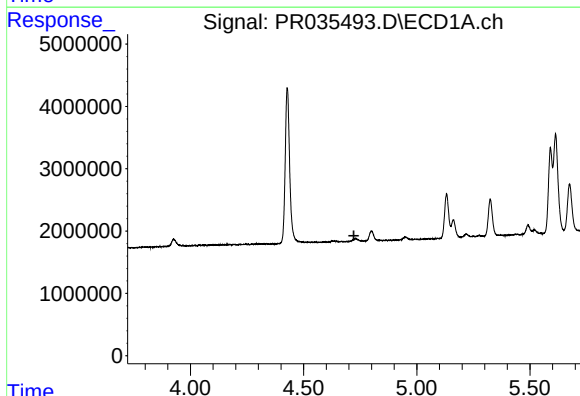
R.T.: 6.065 min
Delta R.T.: 0.000 min
Response: 29123908
Conc: 386.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248314



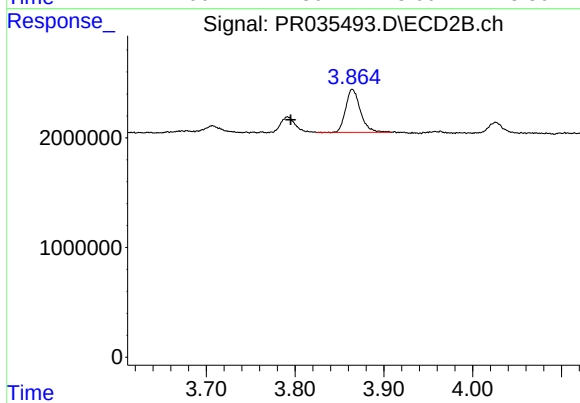
#7 AR-1016-5

R.T.: 4.994 min
Delta R.T.: -0.006 min
Response: 69041528
Conc: 354.62 ng/ml



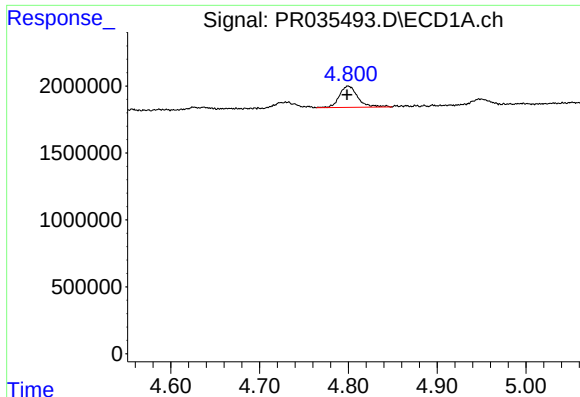
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.722 min
Response: 0
Conc: N.D.



#9 AR-1221-2

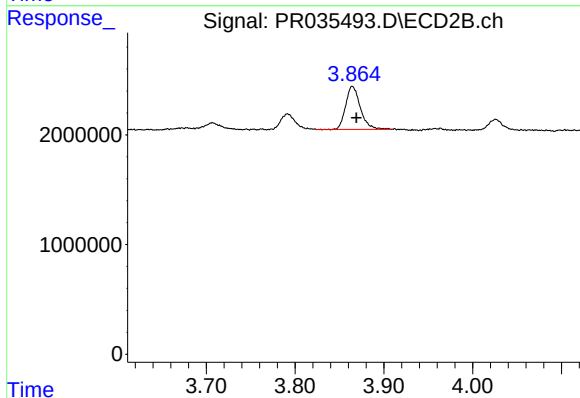
R.T.: 3.864 min
Delta R.T.: 0.069 min
Response: 4496996
Conc: 144.12 ng/ml



#10 AR-1221-3

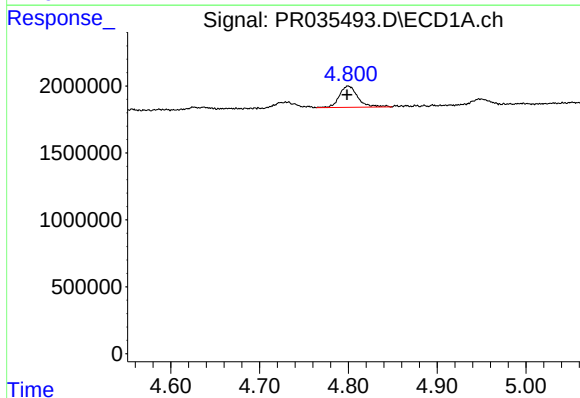
R.T.: 4.800 min
Delta R.T.: 0.001 min
Response: 2273678
Conc: 49.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248314



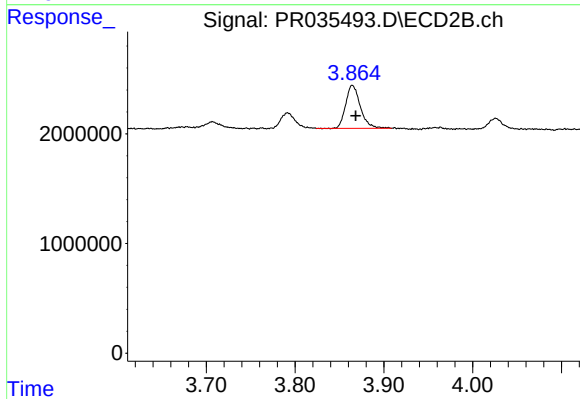
#10 AR-1221-3

R.T.: 3.864 min
Delta R.T.: -0.004 min
Response: 4496996
Conc: 41.94 ng/ml



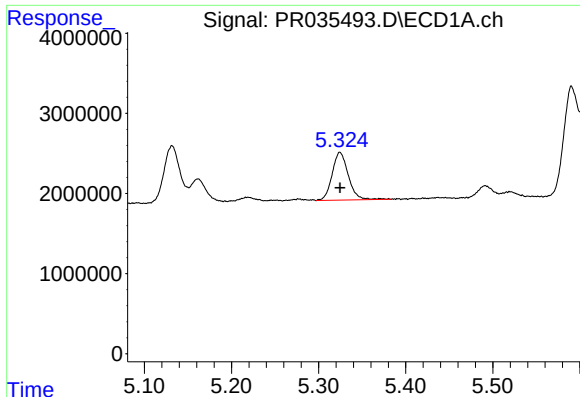
#11 AR-1232-1

R.T.: 4.800 min
Delta R.T.: 0.001 min
Response: 2273678
Conc: 68.05 ng/ml



#11 AR-1232-1

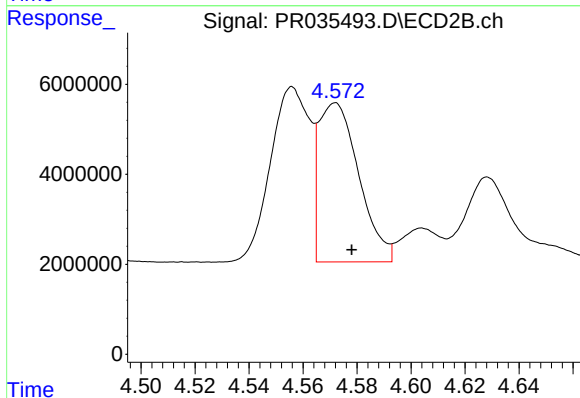
R.T.: 3.864 min
Delta R.T.: -0.004 min
Response: 4496996
Conc: 56.57 ng/ml



#12 AR-1232-2

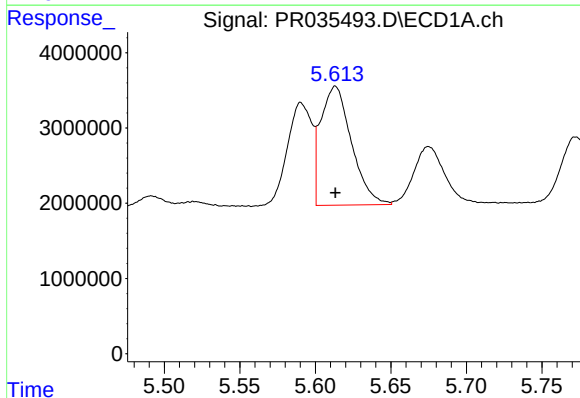
R.T.: 5.325 min
Delta R.T.: 0.000 min
Response: 7694489
Conc: 417.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248314



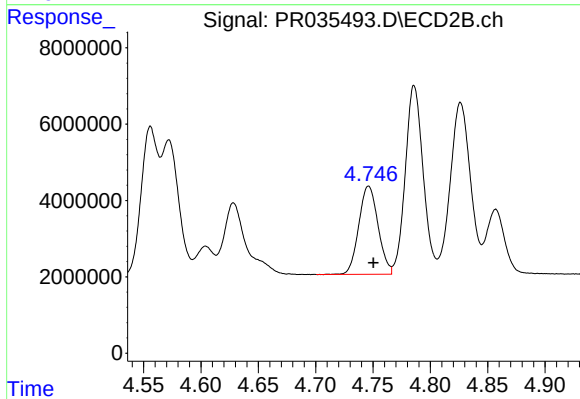
#12 AR-1232-2

R.T.: 4.572 min
Delta R.T.: -0.006 min
Response: 36527576
Conc: 376.74 ng/ml



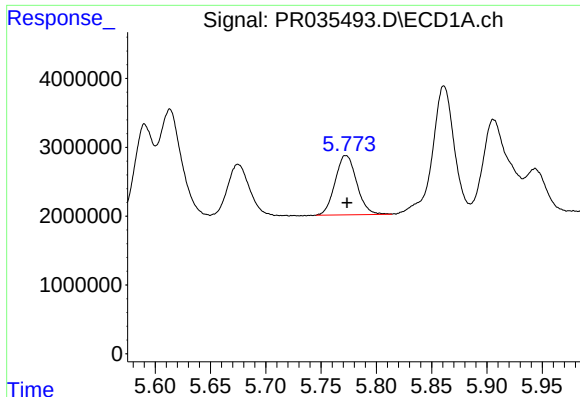
#13 AR-1232-3

R.T.: 5.613 min
Delta R.T.: 0.000 min
Response: 22441396
Conc: 551.13 ng/ml



#13 AR-1232-3

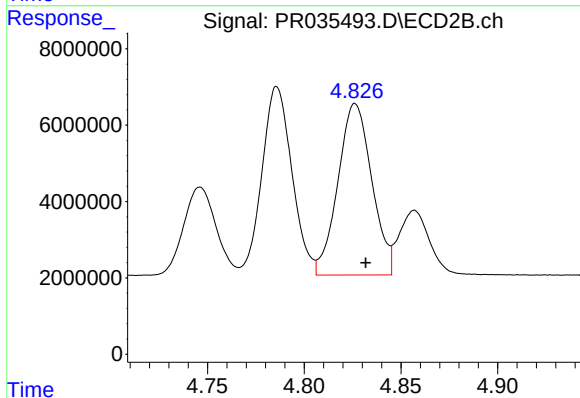
R.T.: 4.746 min
Delta R.T.: -0.004 min
Response: 27044700
Conc: 543.19 ng/ml



#14 AR-1232-4

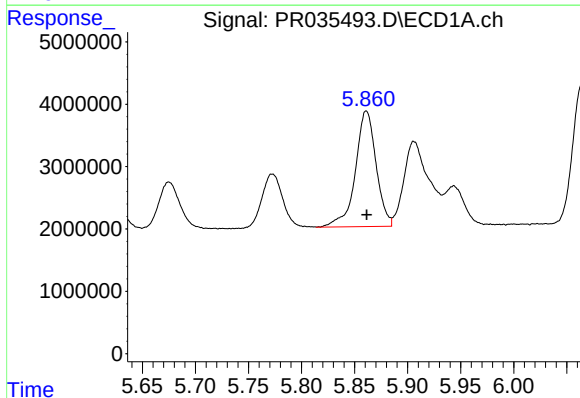
R.T.: 5.773 min
Delta R.T.: -0.001 min
Response: 11744360
Conc: 577.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248314



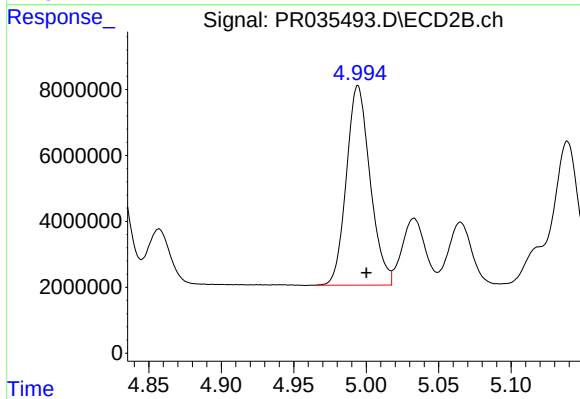
#14 AR-1232-4

R.T.: 4.826 min
Delta R.T.: -0.005 min
Response: 54800066
Conc: 1232.68 ng/ml



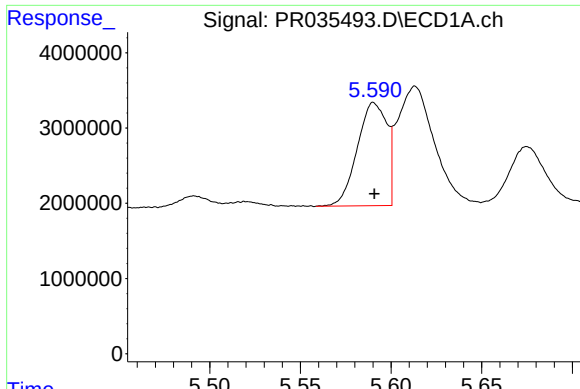
#15 AR-1232-5

R.T.: 5.861 min
Delta R.T.: 0.000 min
Response: 25221124
Conc: 1631.34 ng/ml



#15 AR-1232-5

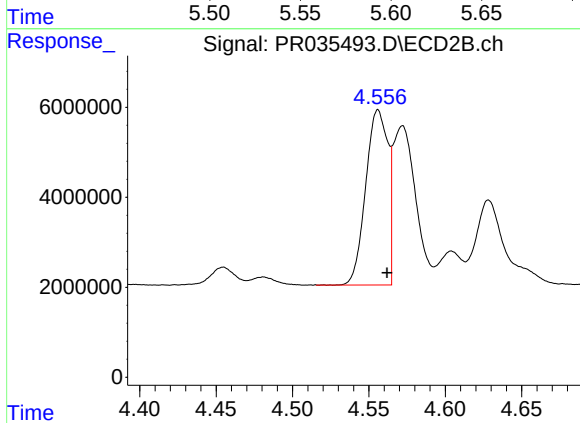
R.T.: 4.994 min
Delta R.T.: -0.006 min
Response: 69041528
Conc: 1349.27 ng/ml



#16 AR-1242-1

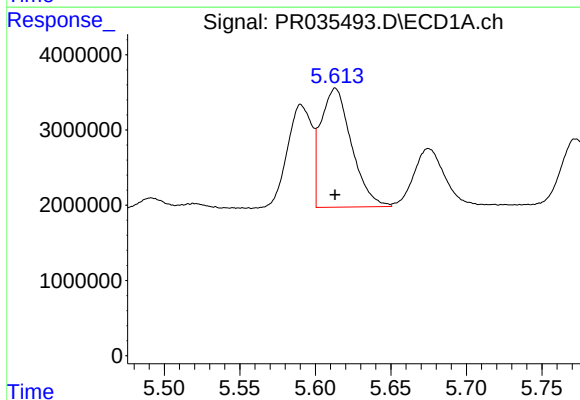
R.T.: 5.591 min
Delta R.T.: 0.000 min
Response: 15563459
Conc: 284.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248314



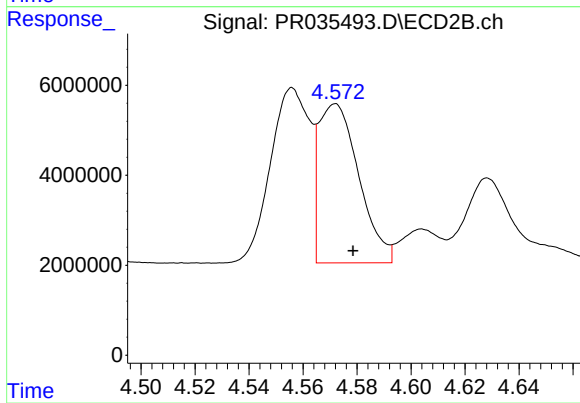
#16 AR-1242-1

R.T.: 4.556 min
Delta R.T.: -0.006 min
Response: 39406502
Conc: 315.65 ng/ml



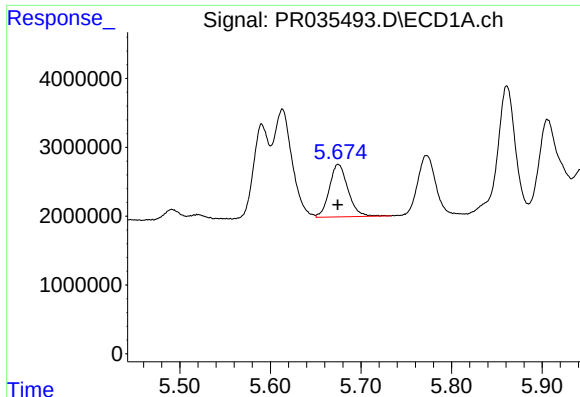
#17 AR-1242-2

R.T.: 5.613 min
Delta R.T.: 0.000 min
Response: 22441396
Conc: 274.50 ng/ml



#17 AR-1242-2

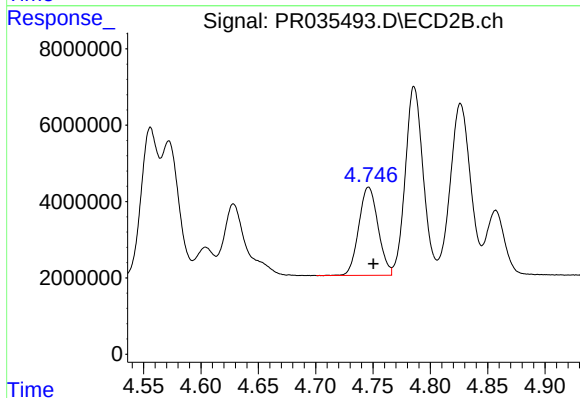
R.T.: 4.572 min
Delta R.T.: -0.007 min
Response: 36527576
Conc: 185.78 ng/ml



#18 AR-1242-3

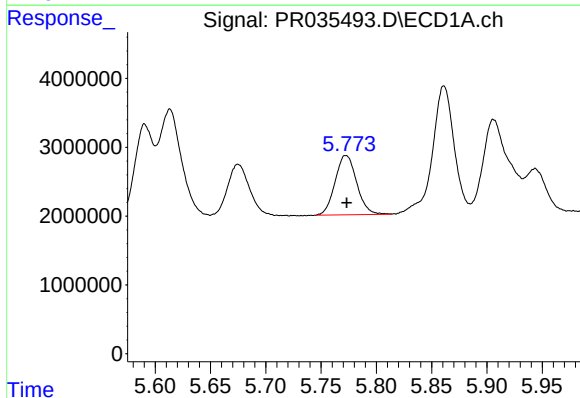
R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 10867192
Conc: 214.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
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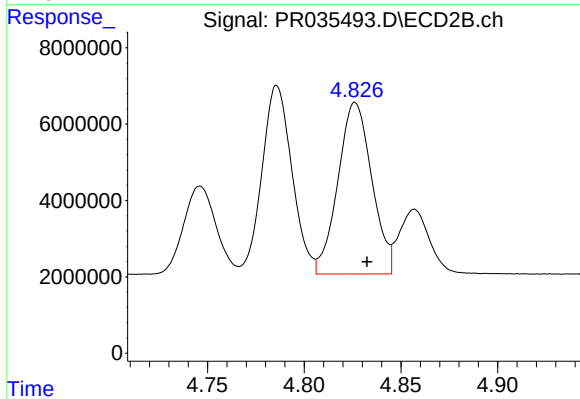
#18 AR-1242-3

R.T.: 4.746 min
Delta R.T.: -0.004 min
Response: 27044700
Conc: 263.24 ng/ml



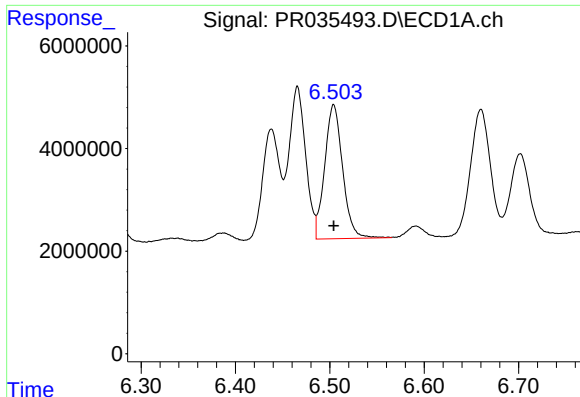
#19 AR-1242-4

R.T.: 5.773 min
Delta R.T.: 0.000 min
Response: 11744360
Conc: 282.08 ng/ml



#19 AR-1242-4

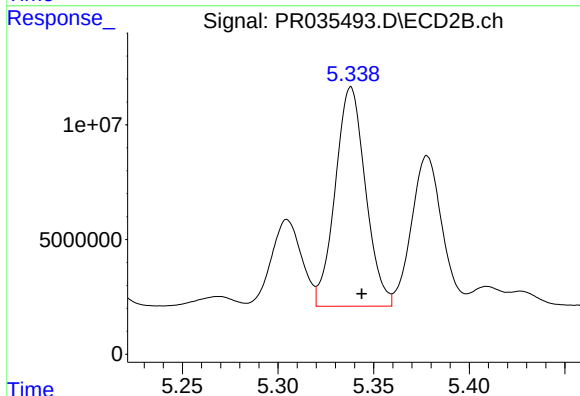
R.T.: 4.826 min
Delta R.T.: -0.006 min
Response: 54800066
Conc: 543.54 ng/ml



#20 AR-1242-5

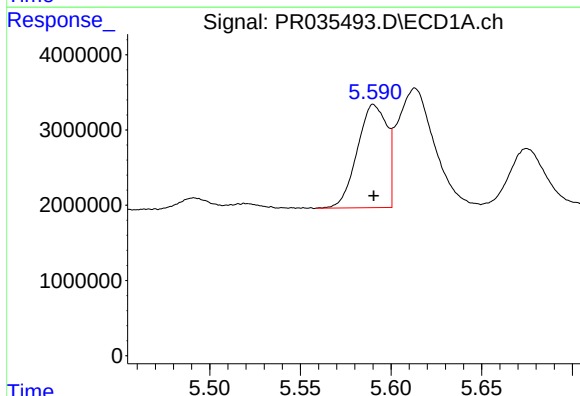
R.T.: 6.504 min
Delta R.T.: 0.000 min
Response: 34495698
Conc: 681.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248314



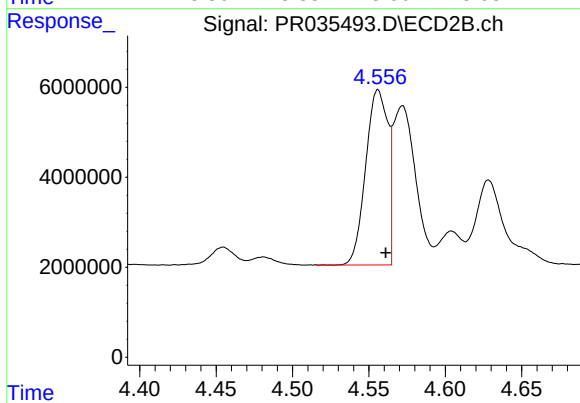
#20 AR-1242-5

R.T.: 5.338 min
Delta R.T.: -0.006 min
Response: 105276712
Conc: 727.35 ng/ml



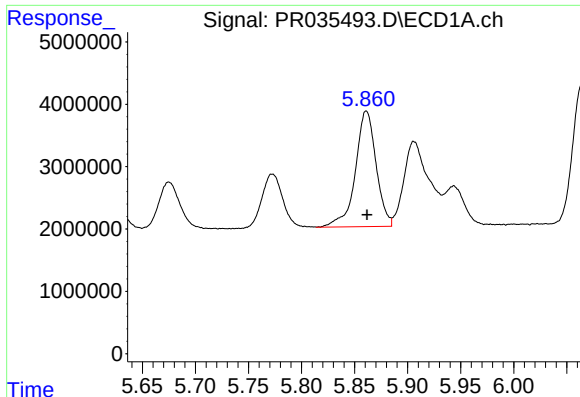
#21 AR-1248-1

R.T.: 5.591 min
Delta R.T.: 0.000 min
Response: 15563459
Conc: 400.93 ng/ml



#21 AR-1248-1

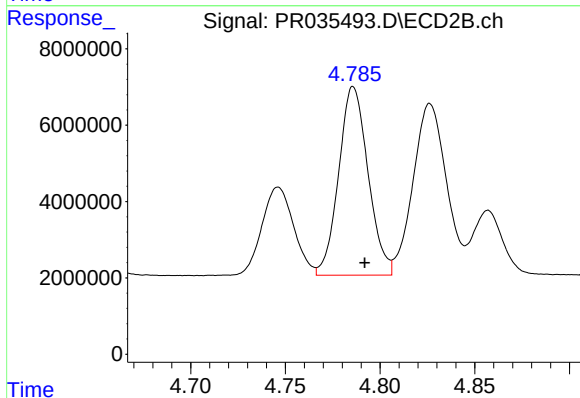
R.T.: 4.556 min
Delta R.T.: -0.005 min
Response: 39406502
Conc: 429.55 ng/ml



#22 AR-1248-2

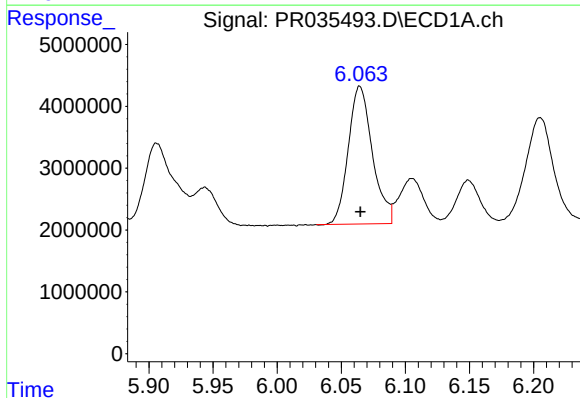
R.T.: 5.861 min
Delta R.T.: 0.000 min
Response: 25221124
Conc: 445.23 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248314



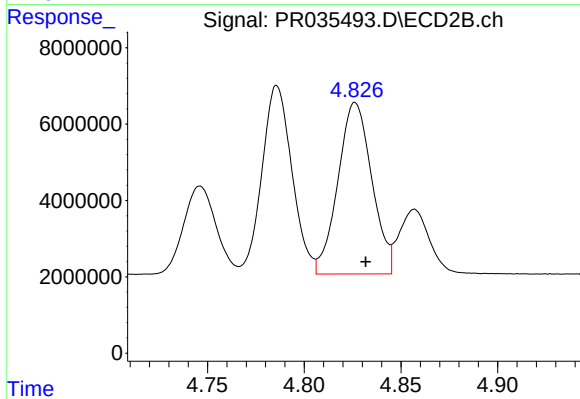
#22 AR-1248-2

R.T.: 4.786 min
Delta R.T.: -0.006 min
Response: 53424213
Conc: 416.06 ng/ml



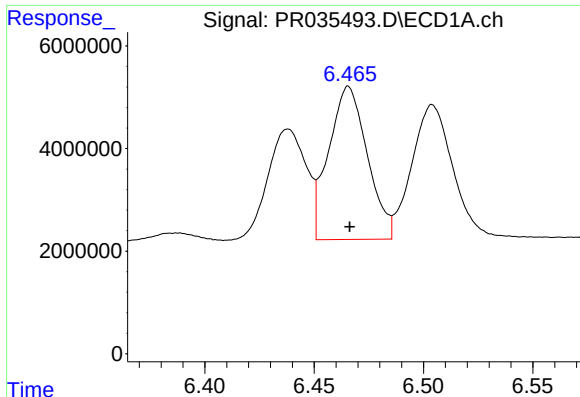
#23 AR-1248-3

R.T.: 6.065 min
Delta R.T.: 0.000 min
Response: 29123908
Conc: 454.73 ng/ml



#23 AR-1248-3

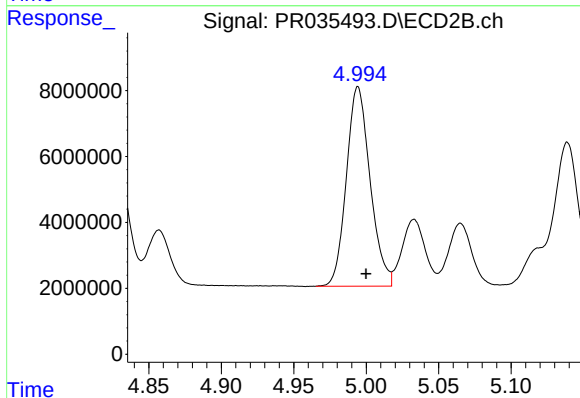
R.T.: 4.826 min
Delta R.T.: -0.006 min
Response: 54800066
Conc: 413.30 ng/ml



#24 AR-1248-4

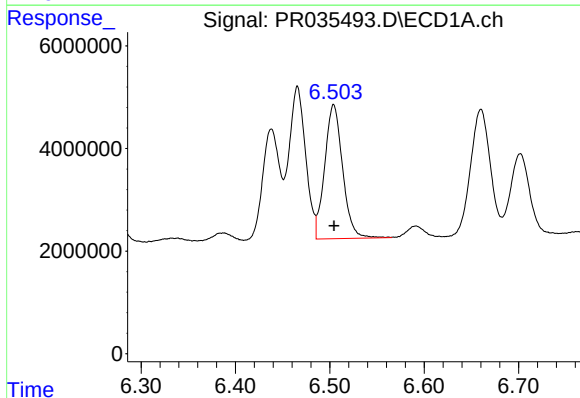
R.T.: 6.466 min
Delta R.T.: 0.000 min
Response: 36690777
Conc: 466.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248314



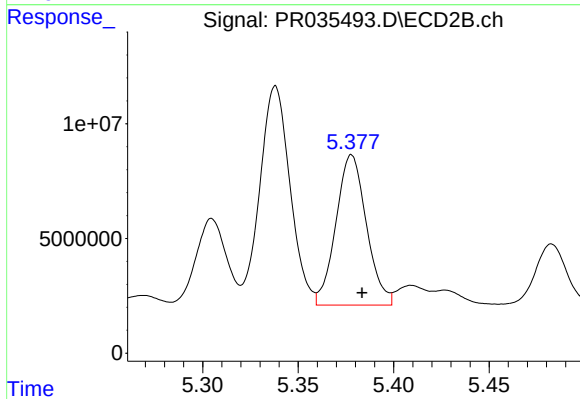
#24 AR-1248-4

R.T.: 4.994 min
Delta R.T.: -0.006 min
Response: 69041528
Conc: 413.09 ng/ml



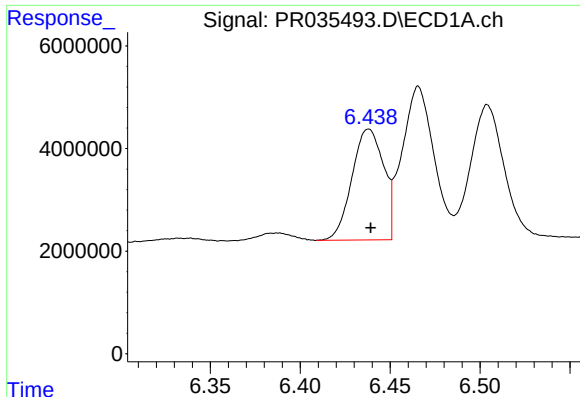
#25 AR-1248-5

R.T.: 6.504 min
Delta R.T.: 0.000 min
Response: 34495698
Conc: 463.98 ng/ml



#25 AR-1248-5

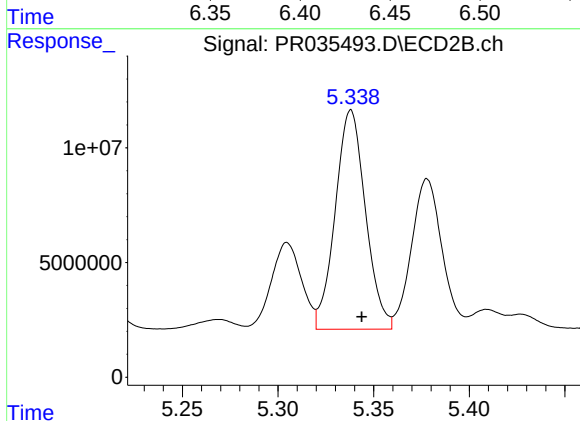
R.T.: 5.378 min
Delta R.T.: -0.006 min
Response: 72924704
Conc: 412.47 ng/ml



#26 AR-1254-1

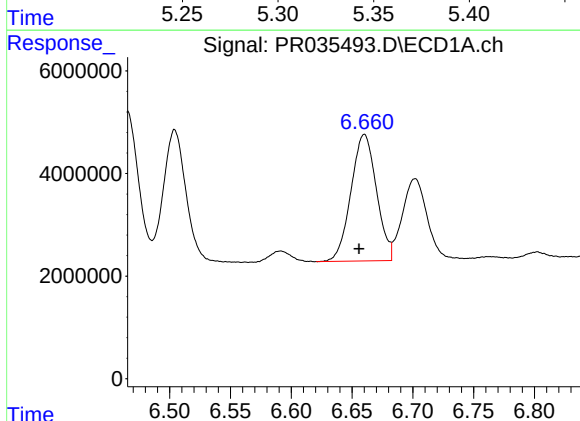
R.T.: 6.438 min
Delta R.T.: -0.001 min
Response: 26404244
Conc: 237.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248314



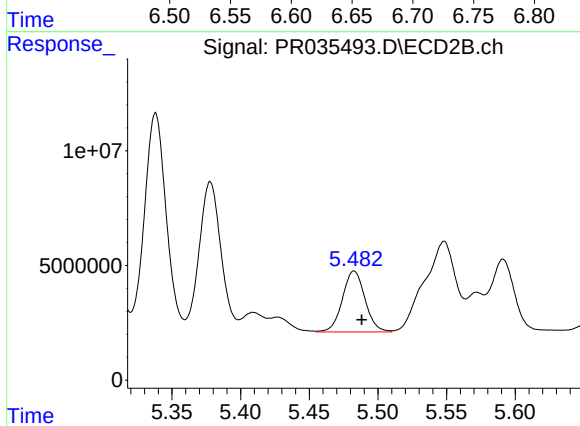
#26 AR-1254-1

R.T.: 5.338 min
Delta R.T.: -0.006 min
Response: 105276712
Conc: 272.34 ng/ml



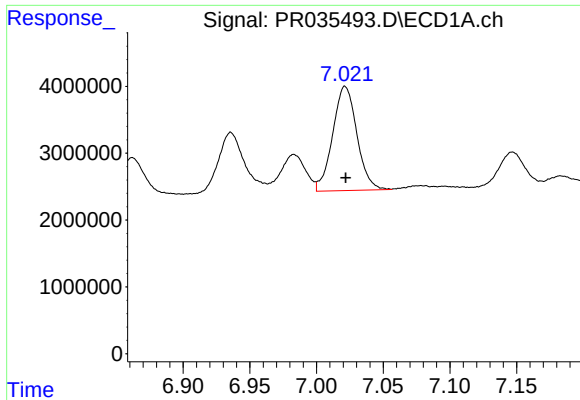
#27 AR-1254-2

R.T.: 6.660 min
Delta R.T.: 0.004 min
Response: 35948683
Conc: 202.39 ng/ml



#27 AR-1254-2

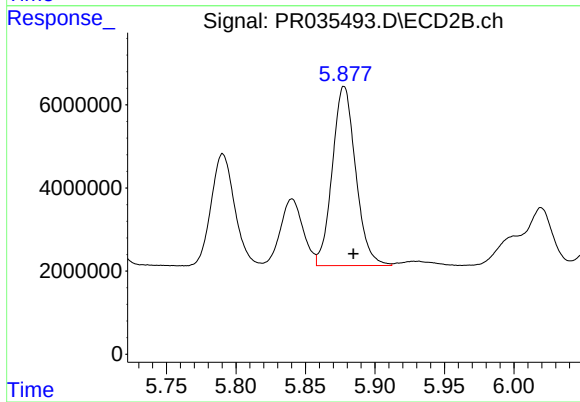
R.T.: 5.483 min
Delta R.T.: -0.006 min
Response: 30418244
Conc: 89.50 ng/ml



#28 AR-1254-3

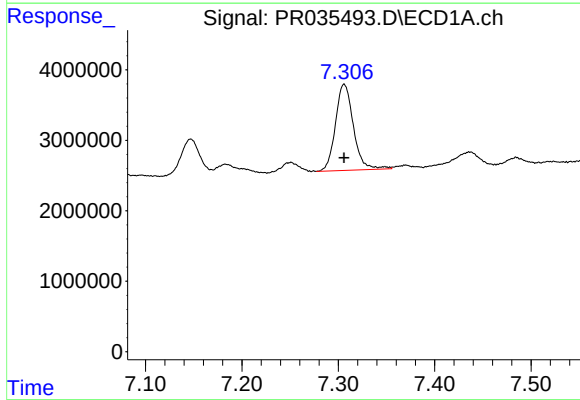
R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 19729575
Conc: 103.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248314



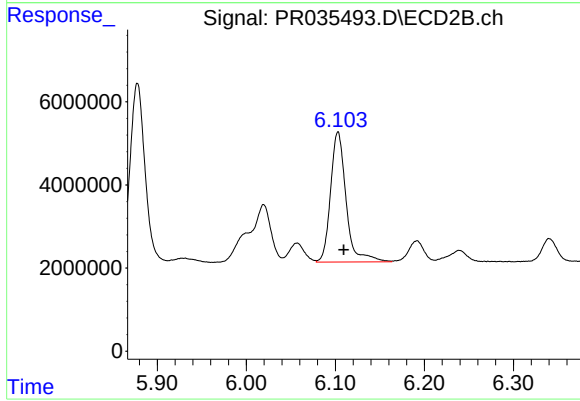
#28 AR-1254-3

R.T.: 5.878 min
Delta R.T.: -0.007 min
Response: 50504392
Conc: 86.24 ng/ml



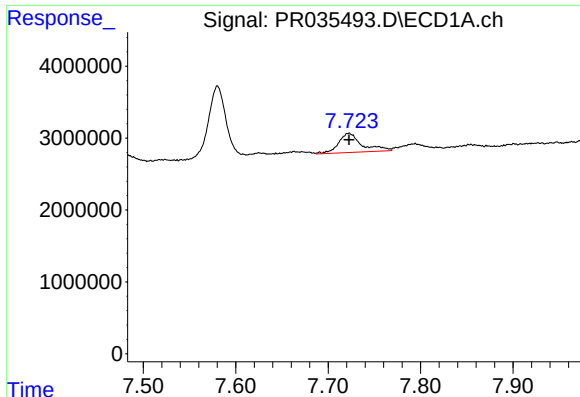
#29 AR-1254-4

R.T.: 7.306 min
Delta R.T.: 0.000 min
Response: 15811468
Conc: 98.18 ng/ml



#29 AR-1254-4

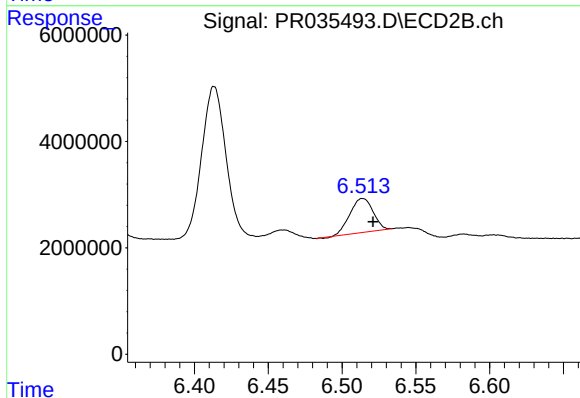
R.T.: 6.103 min
Delta R.T.: -0.007 min
Response: 38021362
Conc: 96.87 ng/ml



#30 AR-1254-5

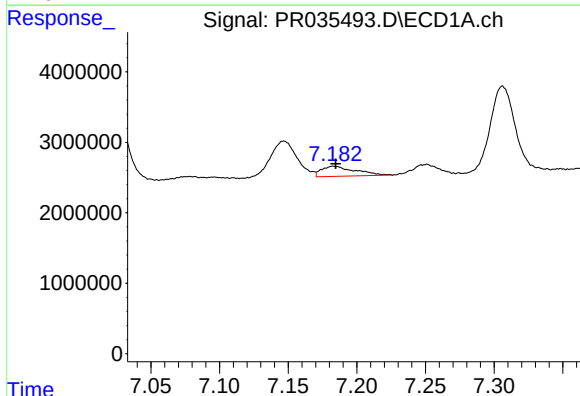
R.T.: 7.723 min
Delta R.T.: 0.000 min
Response: 4730408
Conc: 28.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248314



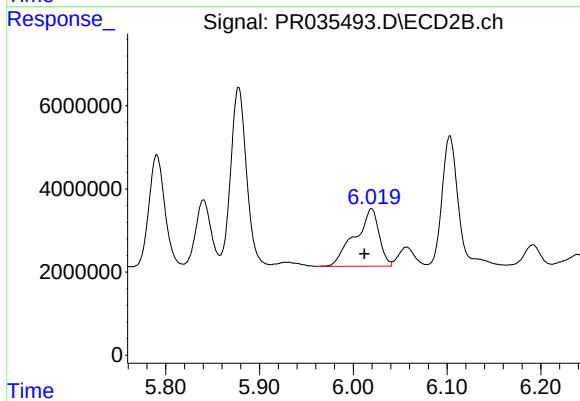
#30 AR-1254-5

R.T.: 6.514 min
Delta R.T.: -0.007 min
Response: 6920371
Conc: 12.52 ng/ml



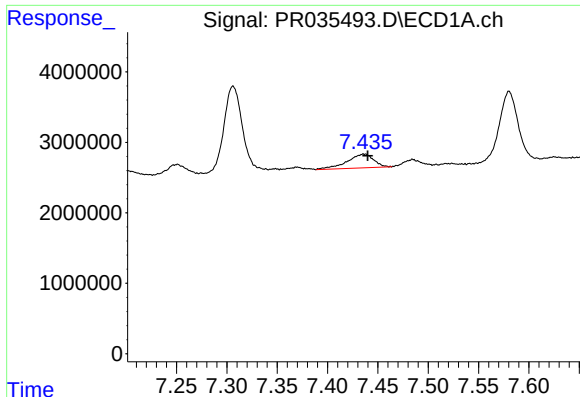
#31 AR-1260-1

R.T.: 7.184 min
Delta R.T.: -0.001 min
Response: 2461508
Conc: 14.31 ng/ml



#31 AR-1260-1

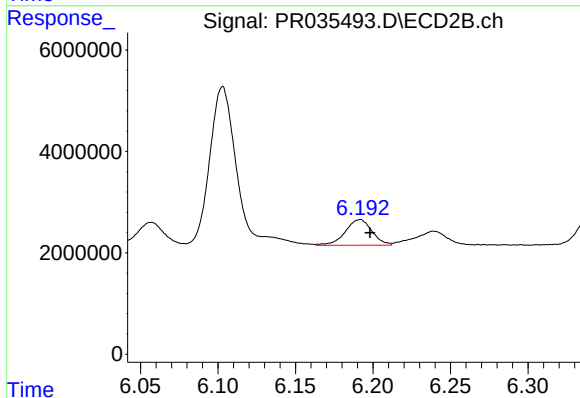
R.T.: 6.020 min
Delta R.T.: 0.008 min
Response: 24811814
Conc: 54.89 ng/ml



#32 AR-1260-2

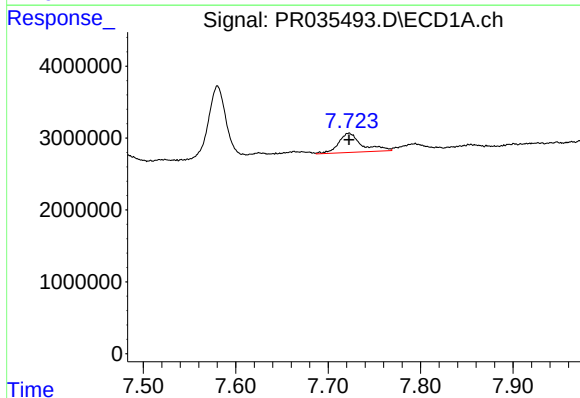
R.T.: 7.436 min
Delta R.T.: -0.004 min
Response: 3576755
Conc: 14.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248314



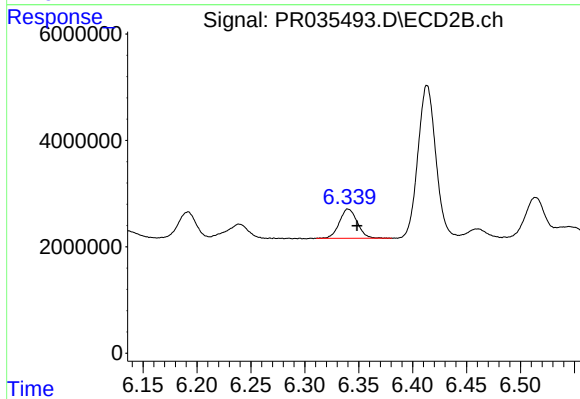
#32 AR-1260-2

R.T.: 6.192 min
Delta R.T.: -0.006 min
Response: 6052455
Conc: 9.97 ng/ml



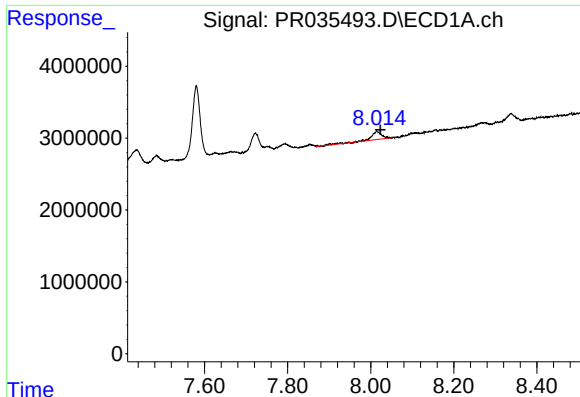
#33 AR-1260-3

R.T.: 7.723 min
Delta R.T.: 0.000 min
Response: 4730408
Conc: 17.76 ng/ml



#33 AR-1260-3

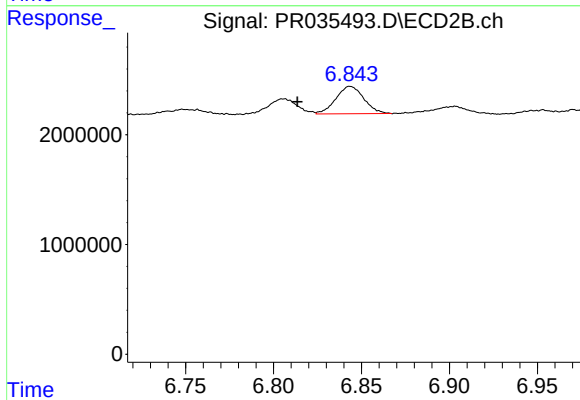
R.T.: 6.340 min
Delta R.T.: -0.008 min
Response: 6330910
Conc: 11.68 ng/ml



#34 AR-1260-4

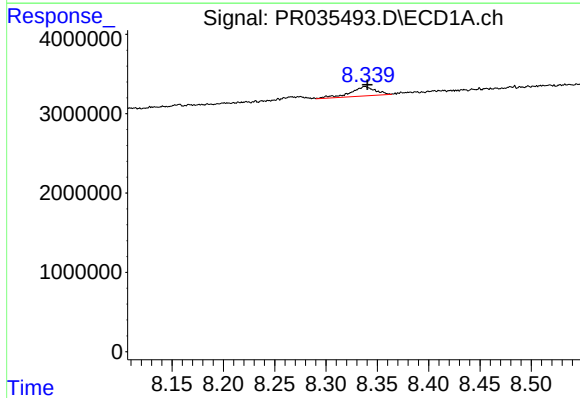
R.T.: 8.015 min
Delta R.T.: -0.008 min
Response: 2128256
Conc: 11.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248314



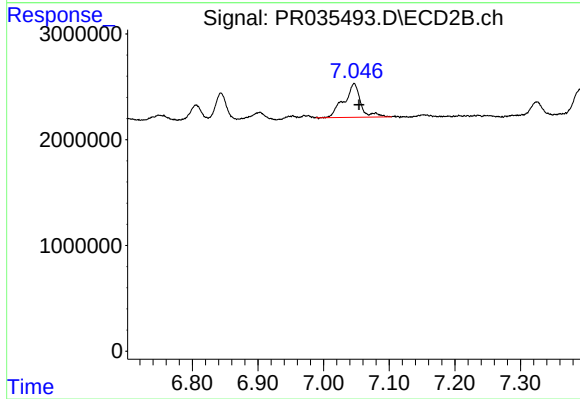
#34 AR-1260-4

R.T.: 6.844 min
Delta R.T.: 0.030 min
Response: 2760388
Conc: 6.03 ng/ml



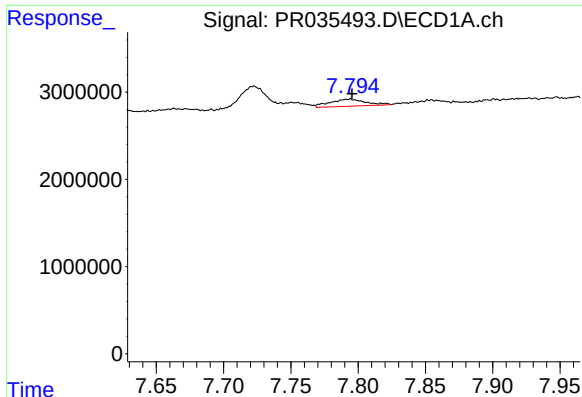
#35 AR-1260-5

R.T.: 8.338 min
Delta R.T.: -0.002 min
Response: 1952926
Conc: 4.25 ng/ml



#35 AR-1260-5

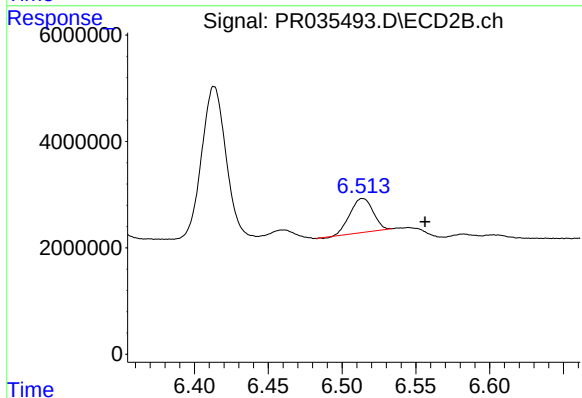
R.T.: 7.047 min
Delta R.T.: -0.008 min
Response: 5624627
Conc: 4.46 ng/ml



#36 AR-1262-1

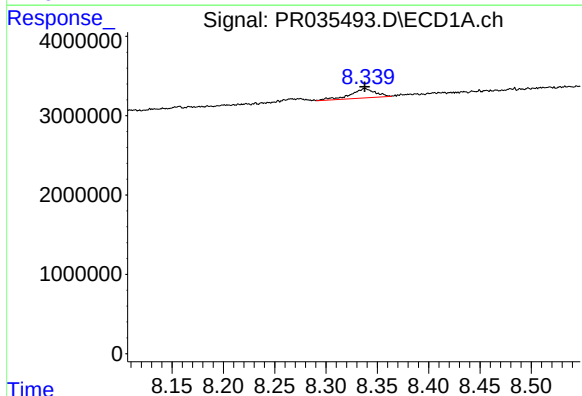
R.T.: 7.793 min
Delta R.T.: -0.002 min
Response: 1515271
Conc: 8.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248314



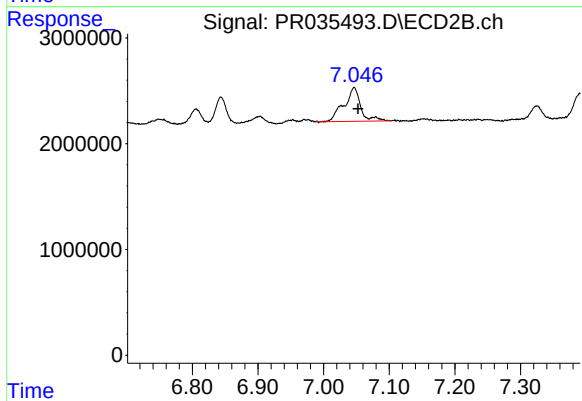
#36 AR-1262-1

R.T.: 6.514 min
Delta R.T.: -0.042 min
Response: 6920371
Conc: 14.54 ng/ml



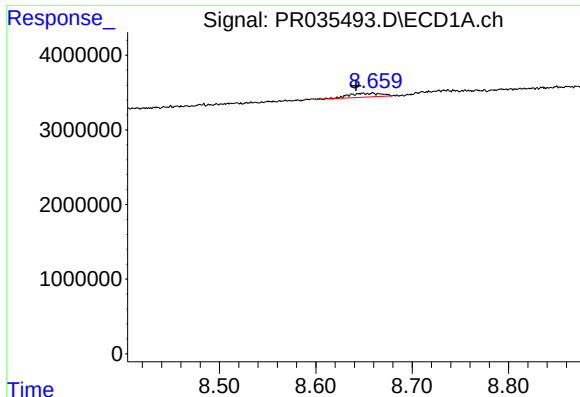
#37 AR-1262-2

R.T.: 8.338 min
Delta R.T.: 0.000 min
Response: 1952926
Conc: 6.09 ng/ml



#37 AR-1262-2

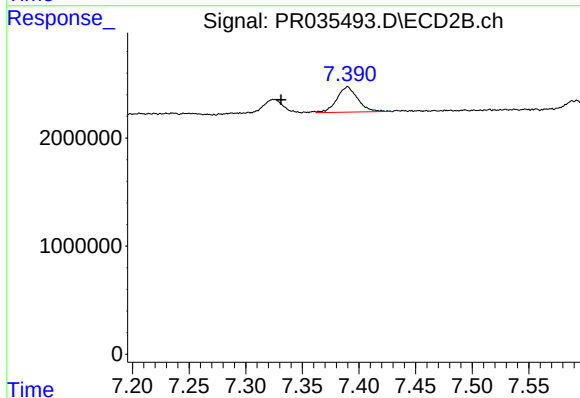
R.T.: 7.047 min
Delta R.T.: -0.006 min
Response: 5624627
Conc: 6.35 ng/ml



#38 AR-1262-3

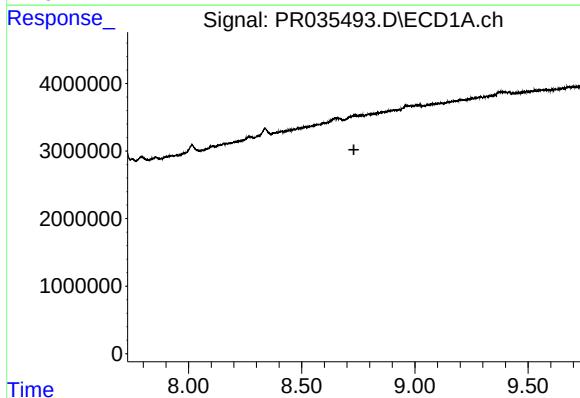
R.T.: 8.659 min
Delta R.T.: 0.017 min
Response: 1203024
Conc: 5.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248314



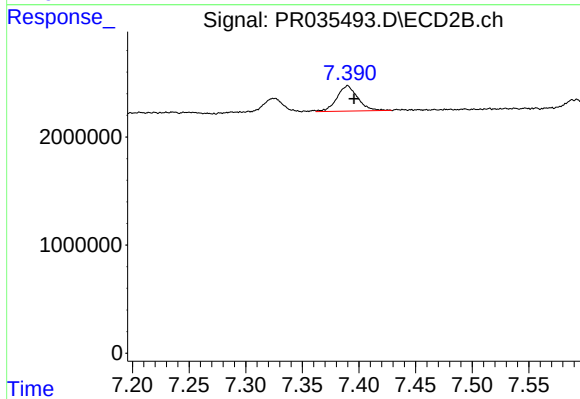
#38 AR-1262-3

R.T.: 7.390 min
Delta R.T.: 0.059 min
Response: 3009695
Conc: 8.20 ng/ml



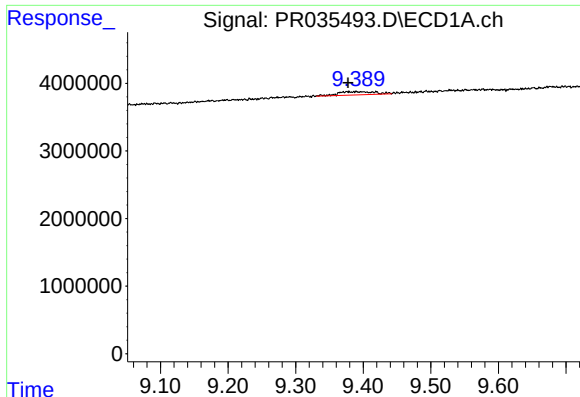
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.730 min
Response: 0
Conc: N.D.



#39 AR-1262-4

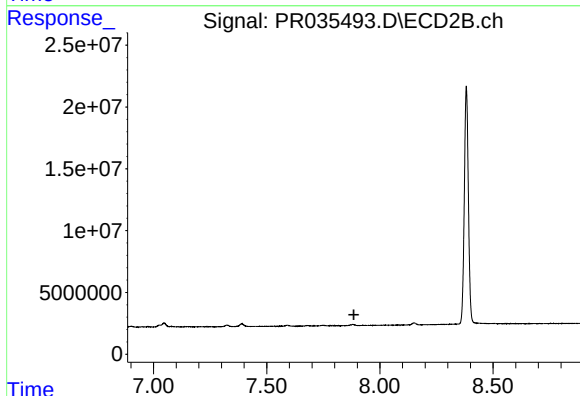
R.T.: 7.390 min
Delta R.T.: -0.006 min
Response: 3009695
Conc: 4.80 ng/ml



#40 AR-1262-5

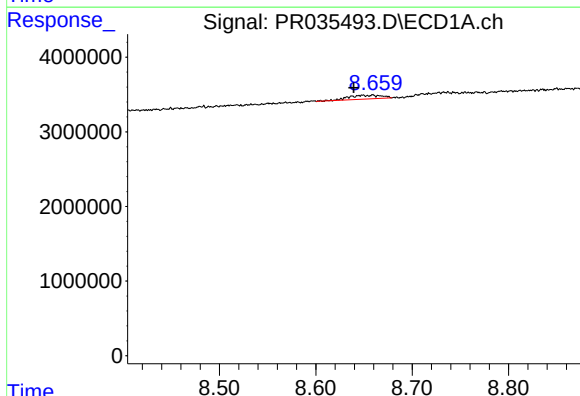
R.T.: 9.390 min
Delta R.T.: 0.012 min
Response: 1784362
Conc: 17.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248314



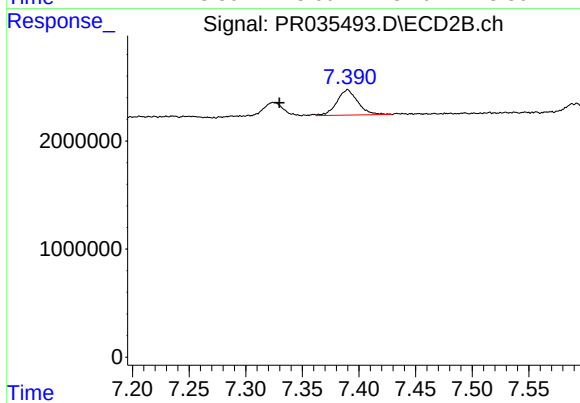
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 7.885 min
Response: 0
Conc: N.D.



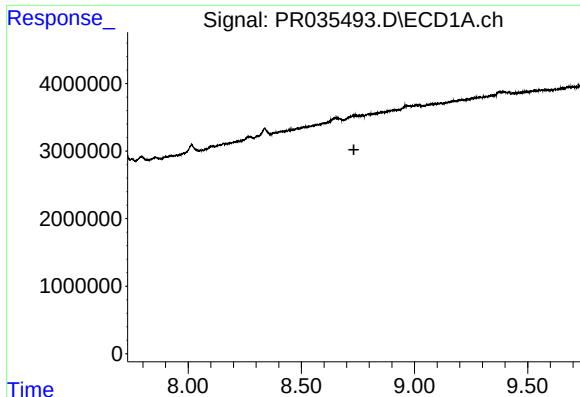
#41 AR-1268-1

R.T.: 8.659 min
Delta R.T.: 0.020 min
Response: 1203024
Conc: 2.04 ng/ml



#41 AR-1268-1

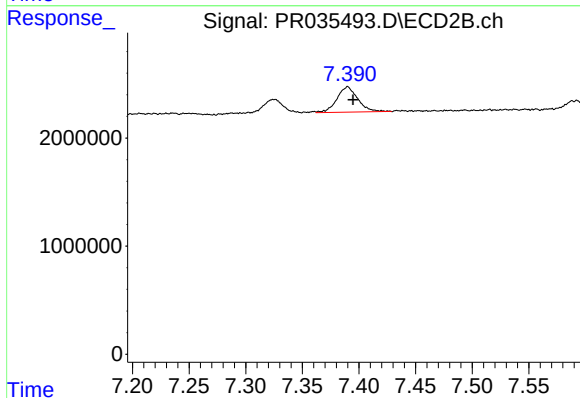
R.T.: 7.390 min
Delta R.T.: 0.060 min
Response: 3009695
Conc: 1.88 ng/ml



#42 AR-1268-2

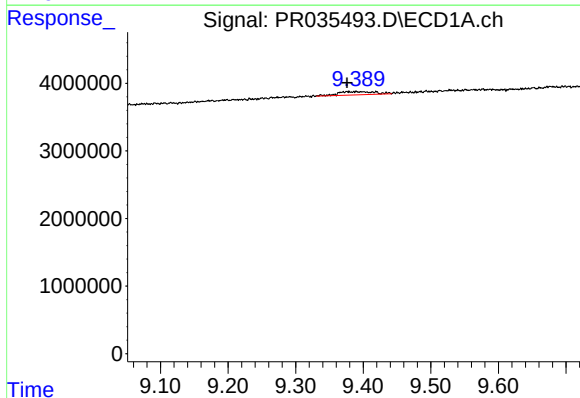
R.T.: 0.000 min
Exp R.T.: 8.732 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1248314



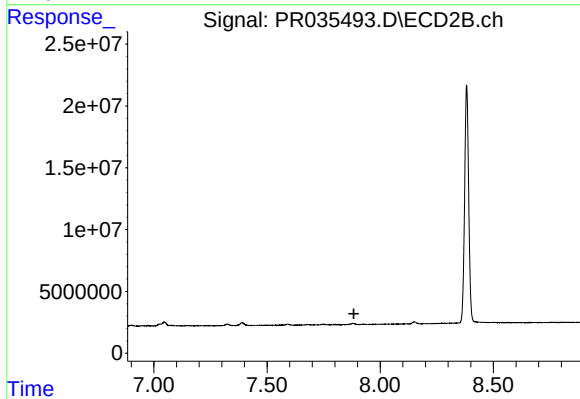
#42 AR-1268-2

R.T.: 7.390 min
Delta R.T.: -0.005 min
Response: 3009695
Conc: 2.12 ng/ml



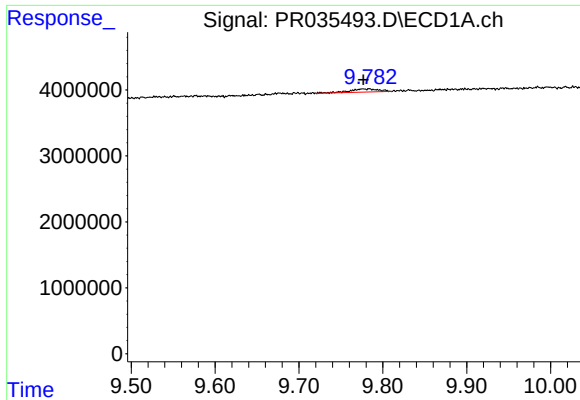
#44 AR-1268-4

R.T.: 9.390 min
Delta R.T.: 0.014 min
Response: 1784362
Conc: 11.07 ng/ml



#44 AR-1268-4

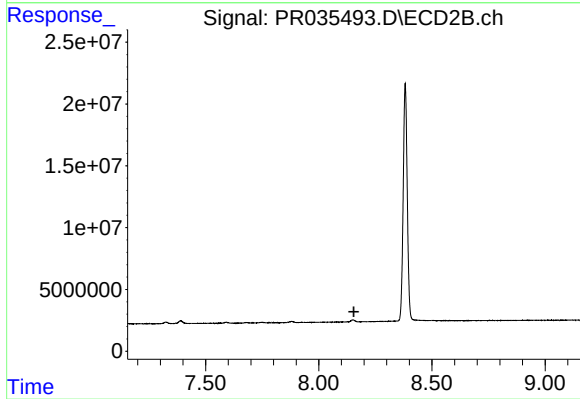
R.T.: 0.000 min
Exp R.T.: 7.884 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.778 min
Delta R.T.: 0.000 min
Response: 1117949
Conc: 0.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248314



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.155 min
Response: 0
Conc: N.D.