

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122918\
 Data File : PR035159.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Dec 2018 12:34
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 141 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660339

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 30 23:39:15 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121818CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 18 01:56:32 2018
 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...	4.427	3.499	24983646	35944101	12.845	10.311
2)	SA Decachlor...	10.112	8.392	57632521	129.9E6	29.316	29.538
Target Compounds							
3)	L1 AR-1016-1	5.592	4.577	20390349	110.0E6	302.065	845.557 #
4)	L1 AR-1016-2	5.615	4.577	28965122	110.0E6	292.497	556.679 #
5)	L1 AR-1016-3	5.677	4.749	17560532	30465064	298.366	316.962
6)	L1 AR-1016-4	5.775	4.791	15467864	24321242	326.072	321.927
7)	L1 AR-1016-5	6.067	5.000	14662666	43606855	307.861	424.085 #
8)	L2 AR-1221-1	0.000	3.658f	0	401333	N.D.	9.499 #
9)	L2 AR-1221-2	4.722	3.866f	1883883	8732942	122.882	284.129 #
10)	L2 AR-1221-3	4.799	3.866	9468835	8732942	175.060	78.719 #
11)	L3 AR-1232-1	4.799	3.866	9468835	8732942	211.192	95.562 #
12)	L3 AR-1232-2	5.325	4.577	13257751	110.0E6	572.842	1065.232 #
13)	L3 AR-1232-3	5.615	4.749	28965122	30465064	564.455	630.735
14)	L3 AR-1232-4	5.775	4.831	15467864	30220097	663.466	674.882
15)	L3 AR-1232-5	5.862	5.000	13203920	43606855	835.129	877.353
16)	L4 AR-1242-1	5.592	4.577	20390349	110.0E6	351.535	969.292 #
17)	L4 AR-1242-2	5.615	4.577	28965122	110.0E6	342.202	644.462 #
18)	L4 AR-1242-3	5.677	4.749	17560532	30465064	350.435	359.549
19)	L4 AR-1242-4	5.775	4.831	15467864	30220097	378.517	365.519
20)	L4 AR-1242-5	6.506	5.369	7117930	25418177	154.540	228.529 #
21)	L5 AR-1248-1	5.592	4.577	20390349	110.0E6	420.224	1128.470 #
22)	L5 AR-1248-2	5.862	4.791	13203920	24321242	199.837	189.858
23)	L5 AR-1248-3	6.067	4.831	14662666	30220097	196.248	228.980
24)	L5 AR-1248-4	6.468	5.000	7260227	43606855	81.260	265.038 #
25)	L5 AR-1248-5	6.506	5.369	7117930	25418177	85.073	151.881 #
26)	L6 AR-1254-1	6.442	5.369	27073872	25418177	331.361	103.878 #
27)	L6 AR-1254-2	6.657	5.488	13698121	33858248	107.204	159.191 #
28)	L6 AR-1254-3	7.025	5.898	11795362	72921731	87.391	204.081 #
29)	L6 AR-1254-4	7.308	6.139	6444382	15643573	60.751	66.233
30)	L6 AR-1254-5	7.725	6.520	46023294	114.1E6	429.549	357.620
31)	L7 AR-1260-1	7.185	6.012	21742394	73481517	231.282	341.819 #
32)	L7 AR-1260-2	7.441	6.198	44623733	102.3E6	384.352	376.057
33)	L7 AR-1260-3	7.725	6.348	46023294	85086382	329.783	342.764
34)	L7 AR-1260-4	8.024	6.813	29732388	60398087	344.270	353.225
35)	L7 AR-1260-5	8.341	7.054	65684967	174.6E6	363.797	360.932
36)	L8 AR-1262-1	7.798	6.557	28331980	73253220	174.455	188.536
37)	L8 AR-1262-2	8.341	7.054	65684967	174.6E6	232.267	245.239
38)	L8 AR-1262-3	8.664	7.333	33867625	28828217	174.284	94.341 #
39)	L8 AR-1262-4	8.718	7.397	20254962	117.8E6	137.252	224.921 #
40)	L8 AR-1262-5	9.381	7.933	14647440	-18063805	138.092	N.D. #
41)	L9 AR-1268-1	8.664	7.333	33867625	28828217	89.141	31.669 #
42)	L9 AR-1268-2	8.718	7.397	20254962	117.8E6	59.323	140.198 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122918\
 Data File : PR035159.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Dec 2018 12:34
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 141 Sample Multiplier: 1

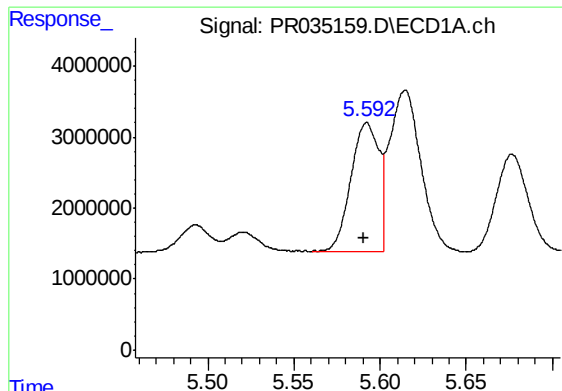
Instrument :
 ECD_R
 ClientSampleId :
 AR1660339

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 30 23:39:15 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121818CLP.M
 Quant Title : GC EXTRACTABLES
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 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
43) L9	AR-1268-3	0.000	7.600	0	1823366	N.D.	2.490 #
44) L9	AR-1268-4	9.381	7.933	14647440	-18063805	117.645	N.D. #
45) L9	AR-1268-5	9.784	8.160	3358203	6673781	3.627	2.964

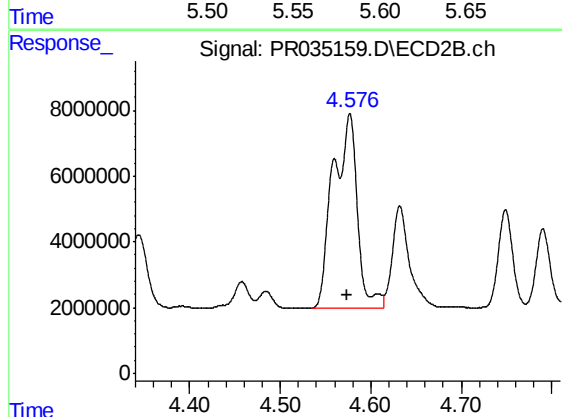
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

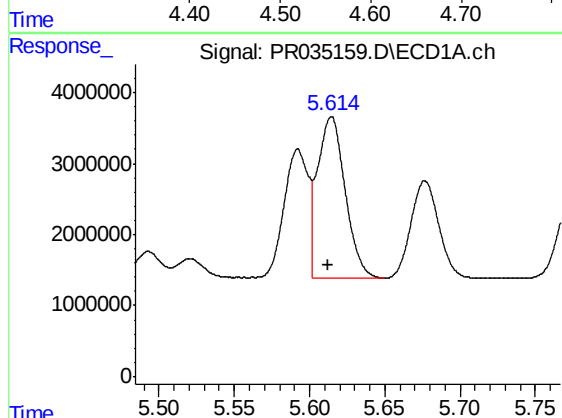
R.T.: 5.592 min
Delta R.T.: 0.002 min
Response: 20390349
Conc: 302.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660339



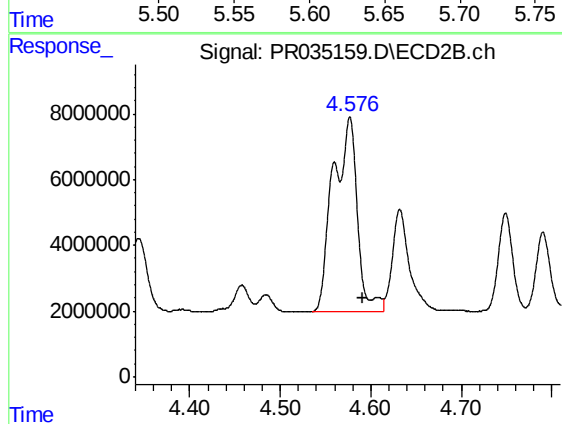
#3 AR-1016-1

R.T.: 4.577 min
Delta R.T.: 0.003 min
Response: 110027688
Conc: 845.56 ng/ml



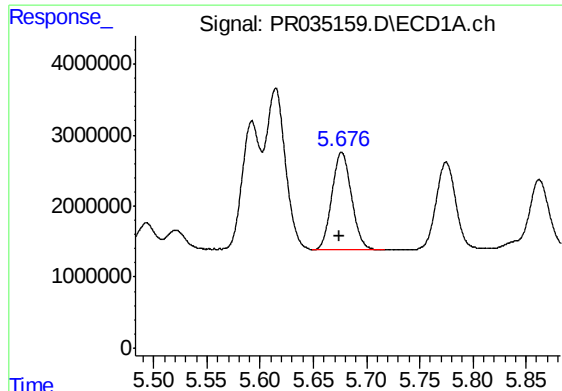
#4 AR-1016-2

R.T.: 5.615 min
Delta R.T.: 0.002 min
Response: 28965122
Conc: 292.50 ng/ml



#4 AR-1016-2

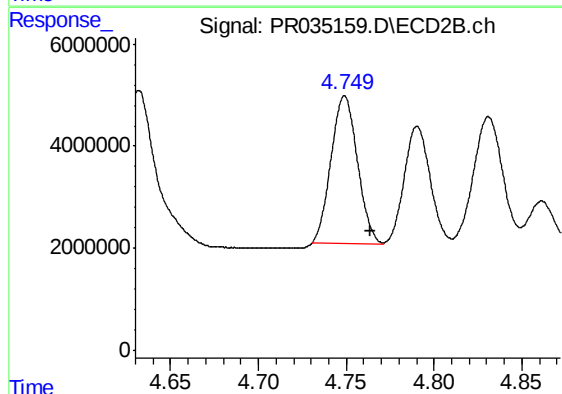
R.T.: 4.577 min
Delta R.T.: -0.014 min
Response: 110027688
Conc: 556.68 ng/ml



#5 AR-1016-3

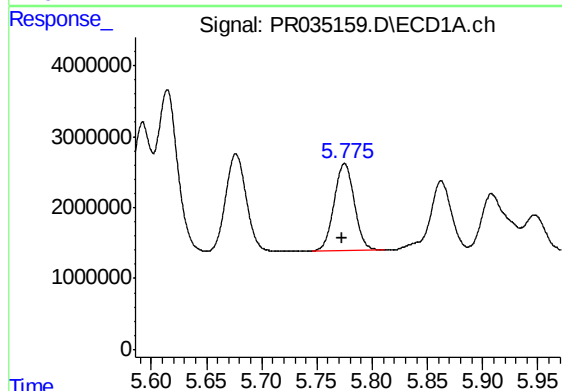
R.T.: 5.677 min
Delta R.T.: 0.002 min
Response: 17560532
Conc: 298.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660339



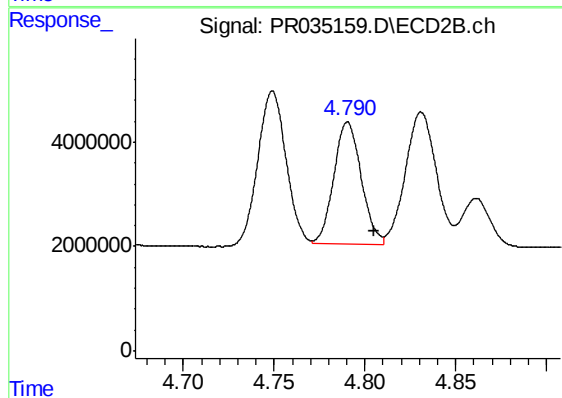
#5 AR-1016-3

R.T.: 4.749 min
Delta R.T.: -0.015 min
Response: 30465064
Conc: 316.96 ng/ml



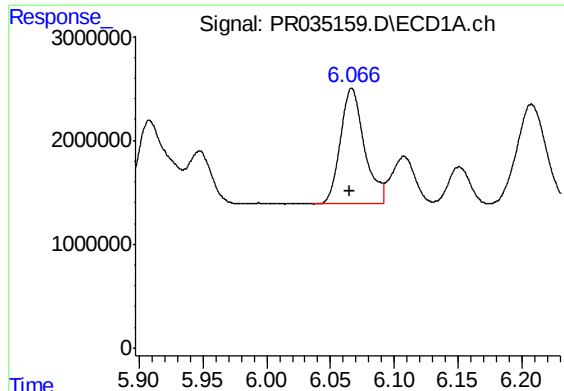
#6 AR-1016-4

R.T.: 5.775 min
Delta R.T.: 0.002 min
Response: 15467864
Conc: 326.07 ng/ml



#6 AR-1016-4

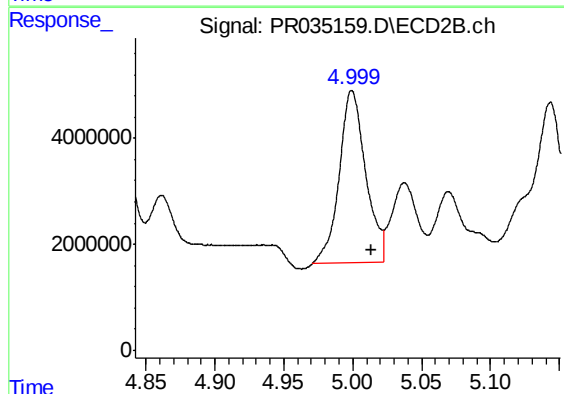
R.T.: 4.791 min
Delta R.T.: -0.014 min
Response: 24321242
Conc: 321.93 ng/ml



#7 AR-1016-5

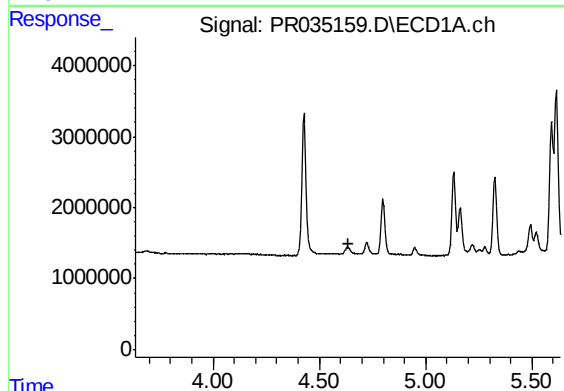
R.T.: 6.067 min
Delta R.T.: 0.002 min
Response: 14662666
Conc: 307.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660339



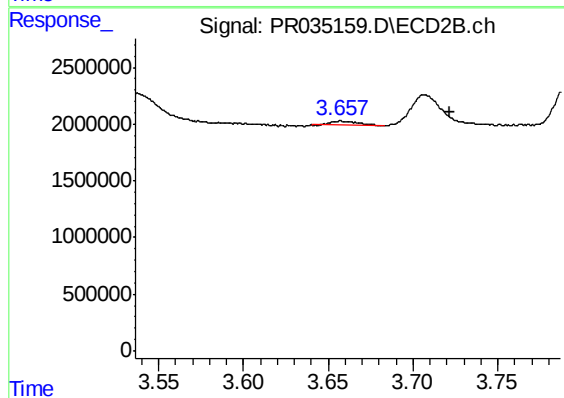
#7 AR-1016-5

R.T.: 5.000 min
Delta R.T.: -0.015 min
Response: 43606855
Conc: 424.08 ng/ml



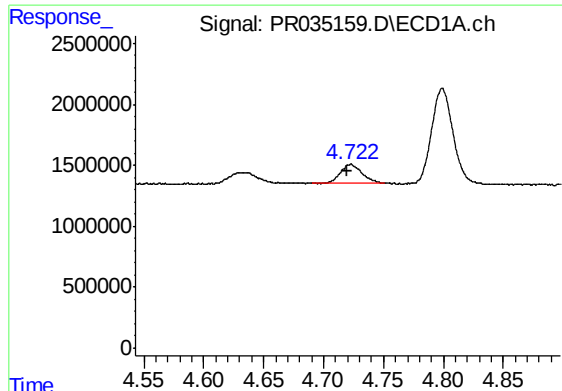
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.635 min
Response: 0
Conc: N.D.



#8 AR-1221-1

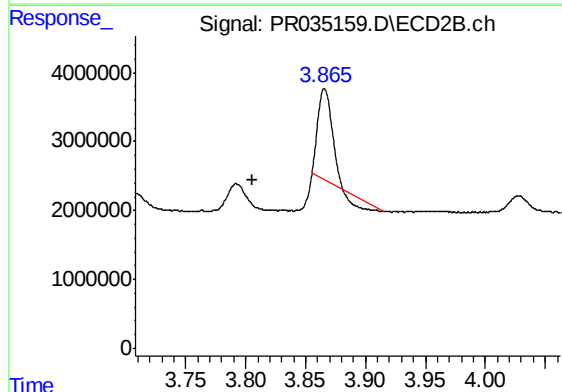
R.T.: 3.658 min
Delta R.T.: -0.064 min
Response: 401333
Conc: 9.50 ng/ml



#9 AR-1221-2

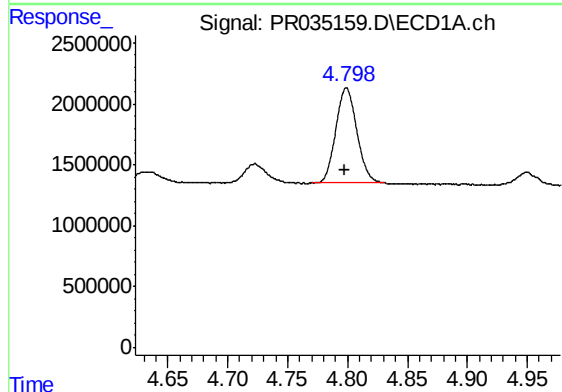
R.T.: 4.722 min
Delta R.T.: 0.002 min
Response: 1883883
Conc: 122.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660339



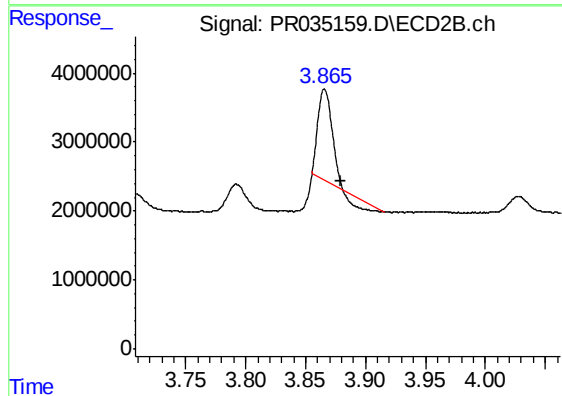
#9 AR-1221-2

R.T.: 3.866 min
Delta R.T.: 0.060 min
Response: 8732942
Conc: 284.13 ng/ml



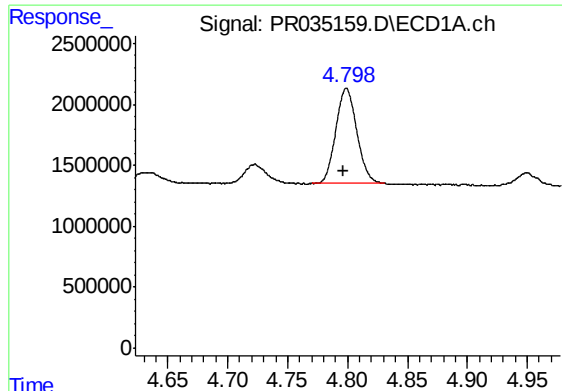
#10 AR-1221-3

R.T.: 4.799 min
Delta R.T.: 0.002 min
Response: 9468835
Conc: 175.06 ng/ml



#10 AR-1221-3

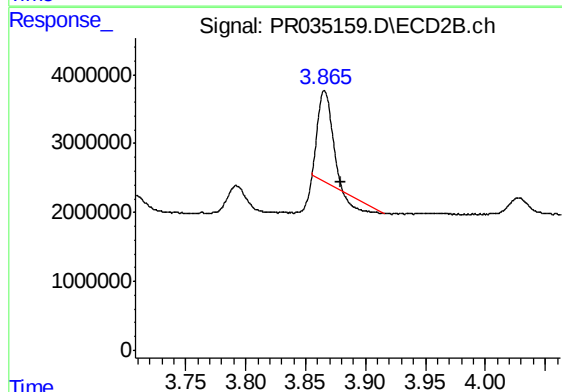
R.T.: 3.866 min
Delta R.T.: -0.014 min
Response: 8732942
Conc: 78.72 ng/ml



#11 AR-1232-1

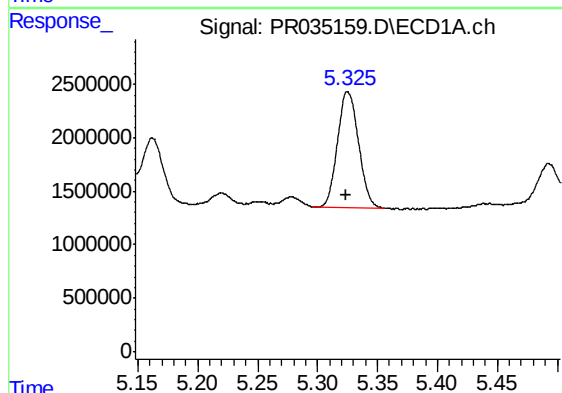
R.T.: 4.799 min
Delta R.T.: 0.002 min
Response: 9468835
Conc: 211.19 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660339



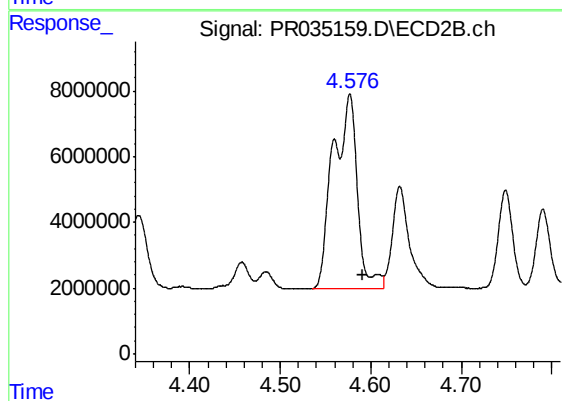
#11 AR-1232-1

R.T.: 3.866 min
Delta R.T.: -0.014 min
Response: 8732942
Conc: 95.56 ng/ml



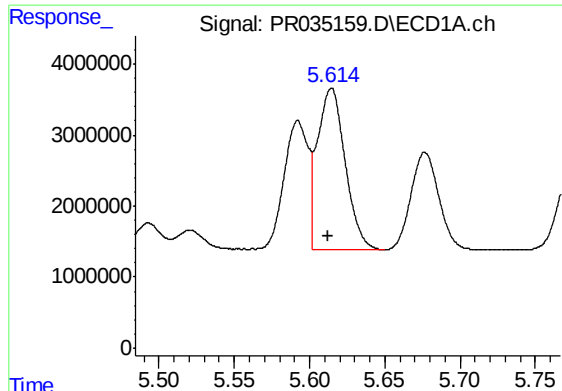
#12 AR-1232-2

R.T.: 5.325 min
Delta R.T.: 0.002 min
Response: 13257751
Conc: 572.84 ng/ml



#12 AR-1232-2

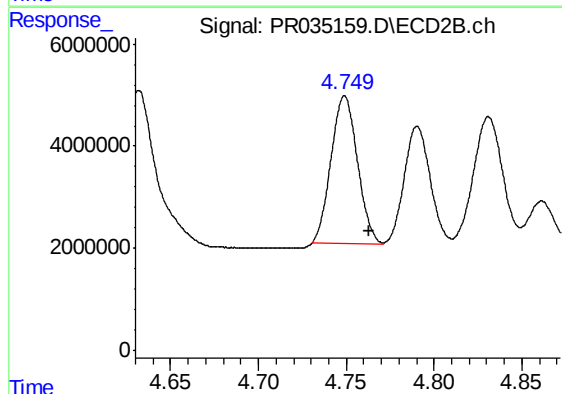
R.T.: 4.577 min
Delta R.T.: -0.014 min
Response: 110027688
Conc: 1065.23 ng/ml



#13 AR-1232-3

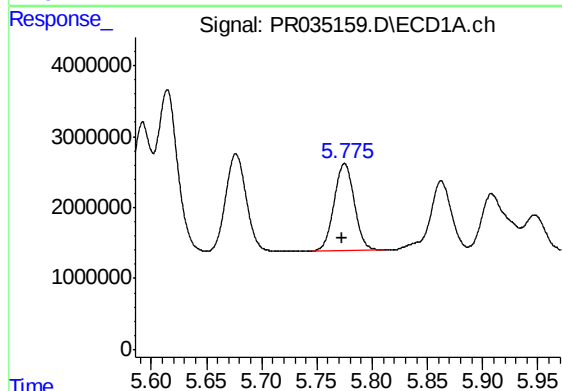
R.T.: 5.615 min
Delta R.T.: 0.002 min
Response: 28965122
Conc: 564.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660339



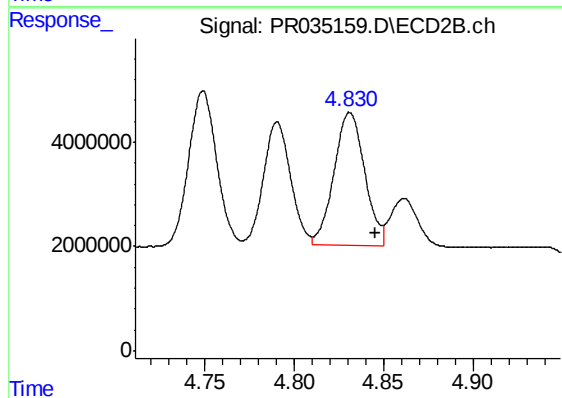
#13 AR-1232-3

R.T.: 4.749 min
Delta R.T.: -0.014 min
Response: 30465064
Conc: 630.74 ng/ml



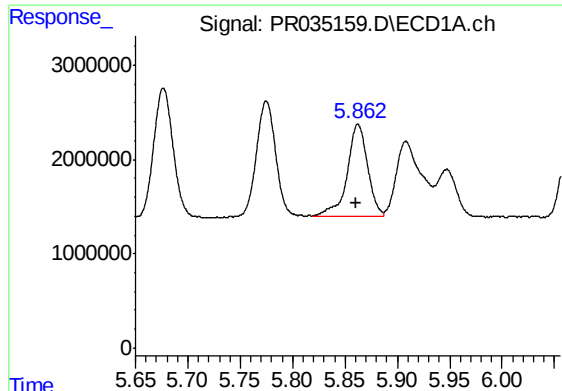
#14 AR-1232-4

R.T.: 5.775 min
Delta R.T.: 0.002 min
Response: 15467864
Conc: 663.47 ng/ml



#14 AR-1232-4

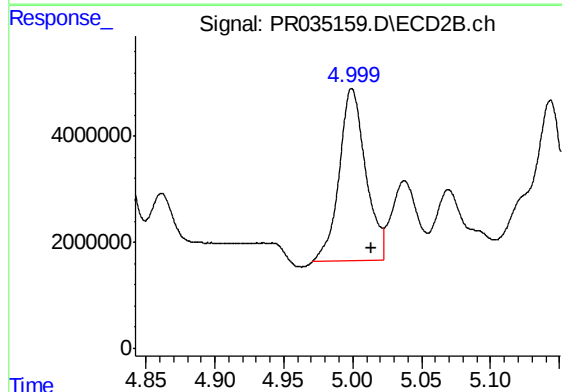
R.T.: 4.831 min
Delta R.T.: -0.014 min
Response: 30220097
Conc: 674.88 ng/ml



#15 AR-1232-5

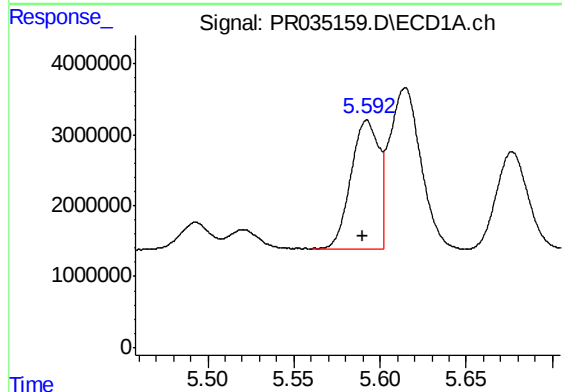
R.T.: 5.862 min
Delta R.T.: 0.002 min
Response: 13203920
Conc: 835.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660339



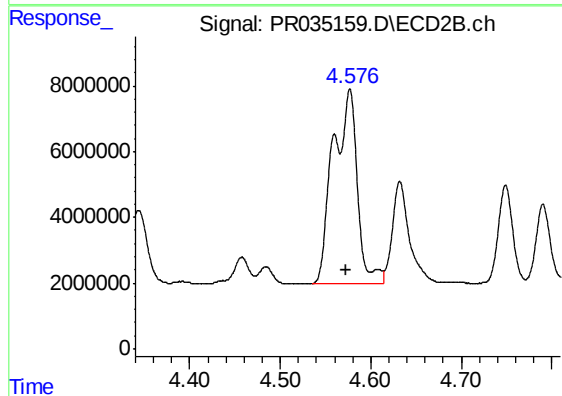
#15 AR-1232-5

R.T.: 5.000 min
Delta R.T.: -0.015 min
Response: 43606855
Conc: 877.35 ng/ml



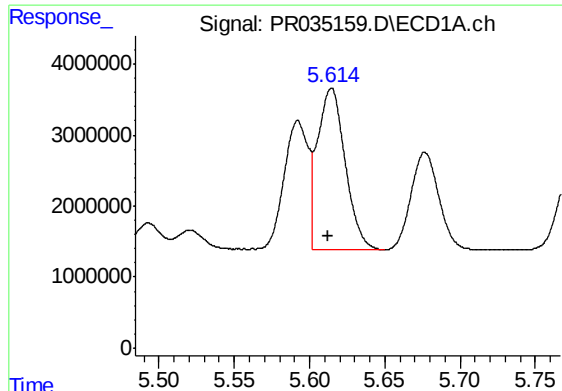
#16 AR-1242-1

R.T.: 5.592 min
Delta R.T.: 0.002 min
Response: 20390349
Conc: 351.54 ng/ml



#16 AR-1242-1

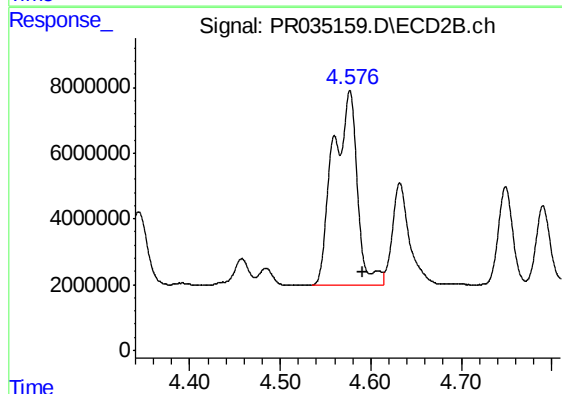
R.T.: 4.577 min
Delta R.T.: 0.004 min
Response: 110027688
Conc: 969.29 ng/ml



#17 AR-1242-2

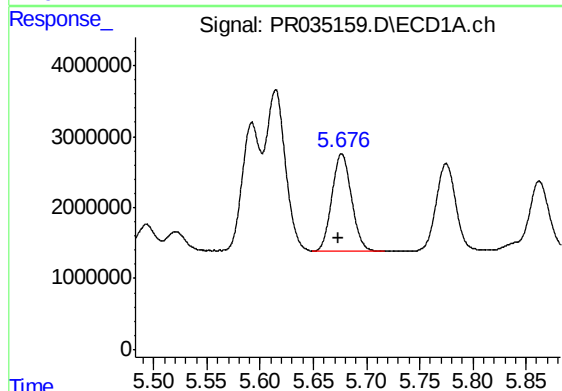
R.T.: 5.615 min
Delta R.T.: 0.002 min
Response: 28965122
Conc: 342.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660339



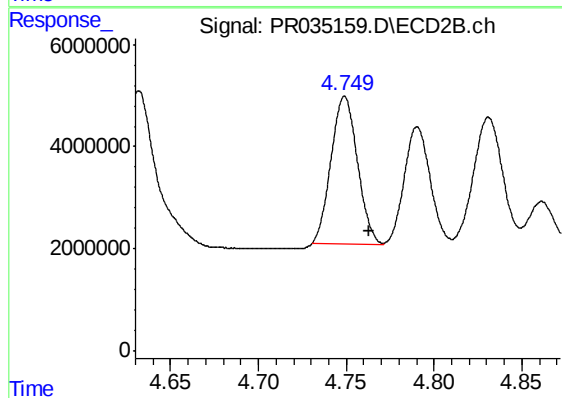
#17 AR-1242-2

R.T.: 4.577 min
Delta R.T.: -0.014 min
Response: 110027688
Conc: 644.46 ng/ml



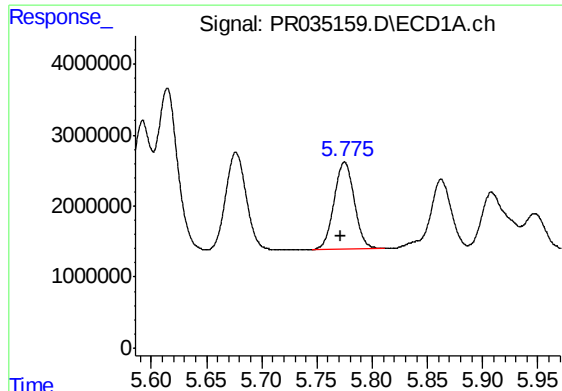
#18 AR-1242-3

R.T.: 5.677 min
Delta R.T.: 0.003 min
Response: 17560532
Conc: 350.43 ng/ml



#18 AR-1242-3

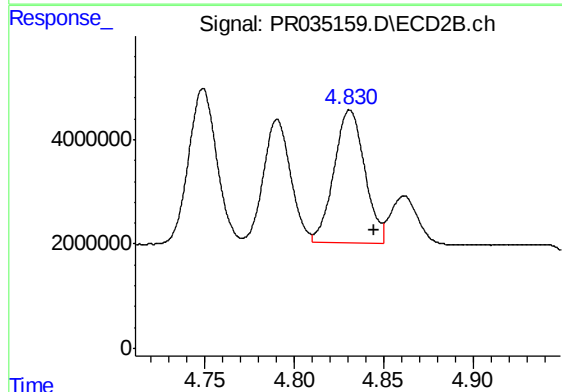
R.T.: 4.749 min
Delta R.T.: -0.014 min
Response: 30465064
Conc: 359.55 ng/ml



#19 AR-1242-4

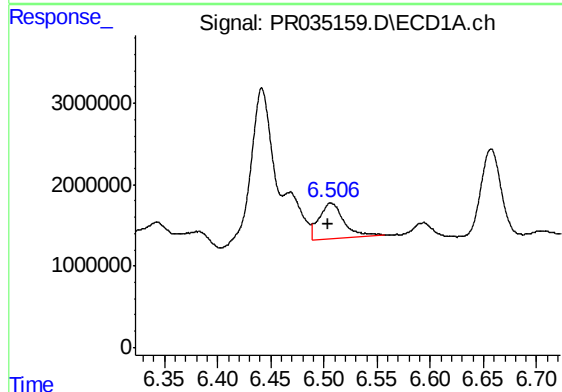
R.T.: 5.775 min
Delta R.T.: 0.003 min
Response: 15467864
Conc: 378.52 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660339



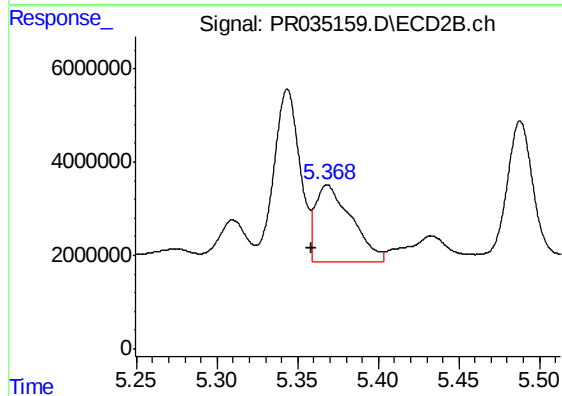
#19 AR-1242-4

R.T.: 4.831 min
Delta R.T.: -0.014 min
Response: 30220097
Conc: 365.52 ng/ml



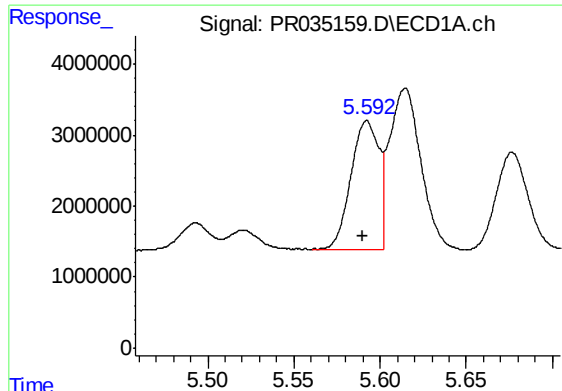
#20 AR-1242-5

R.T.: 6.506 min
Delta R.T.: 0.002 min
Response: 7117930
Conc: 154.54 ng/ml



#20 AR-1242-5

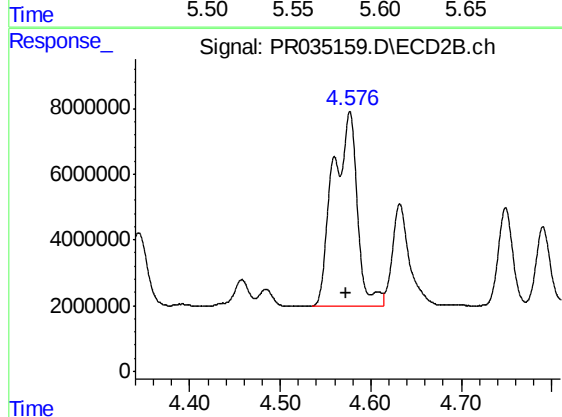
R.T.: 5.369 min
Delta R.T.: 0.010 min
Response: 25418177
Conc: 228.53 ng/ml



#21 AR-1248-1

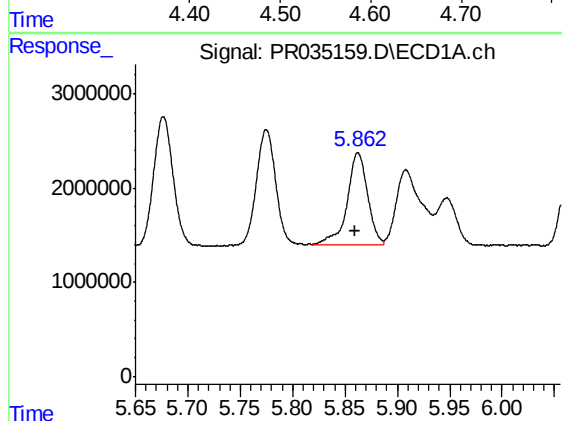
R.T.: 5.592 min
Delta R.T.: 0.003 min
Response: 20390349
Conc: 420.22 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660339



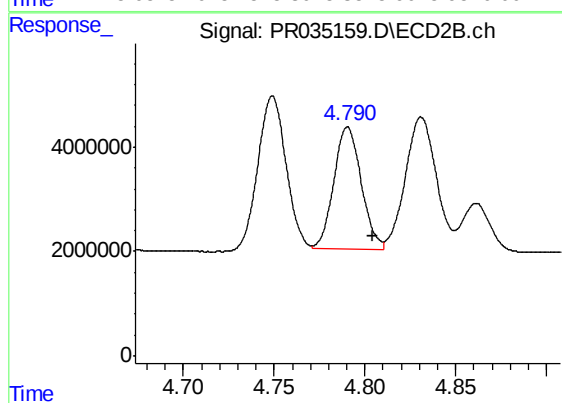
#21 AR-1248-1

R.T.: 4.577 min
Delta R.T.: 0.003 min
Response: 110027688
Conc: 1128.47 ng/ml



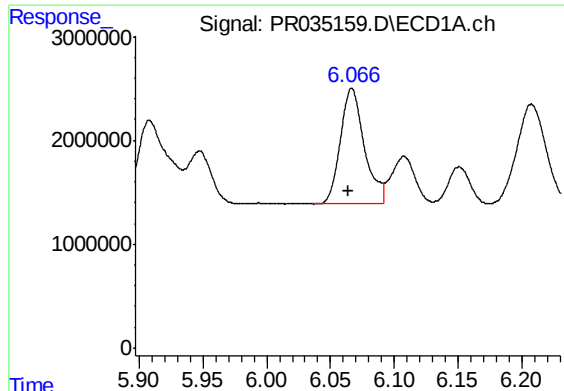
#22 AR-1248-2

R.T.: 5.862 min
Delta R.T.: 0.003 min
Response: 13203920
Conc: 199.84 ng/ml



#22 AR-1248-2

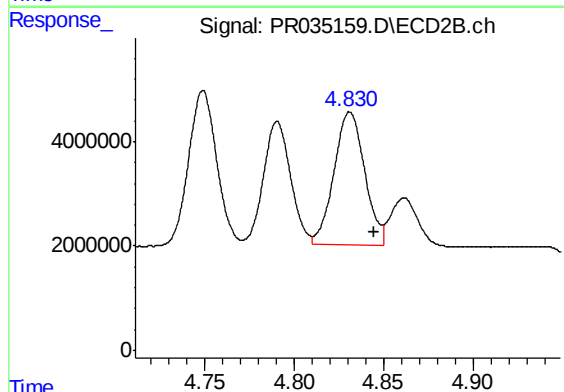
R.T.: 4.791 min
Delta R.T.: -0.014 min
Response: 24321242
Conc: 189.86 ng/ml



#23 AR-1248-3

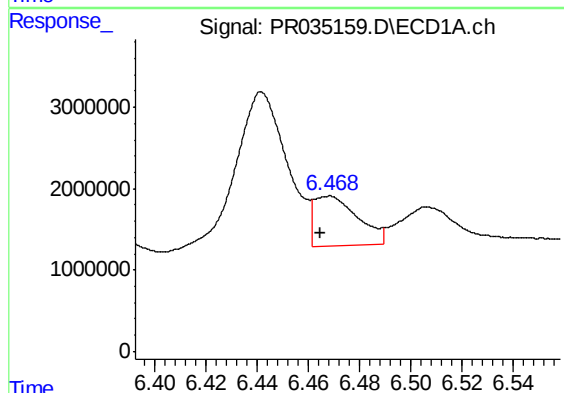
R.T.: 6.067 min
Delta R.T.: 0.003 min
Response: 14662666
Conc: 196.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660339



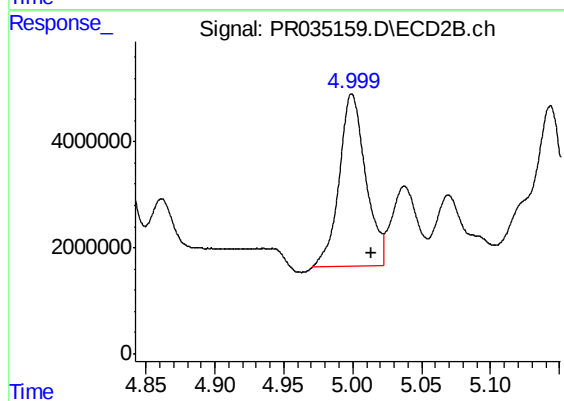
#23 AR-1248-3

R.T.: 4.831 min
Delta R.T.: -0.013 min
Response: 30220097
Conc: 228.98 ng/ml



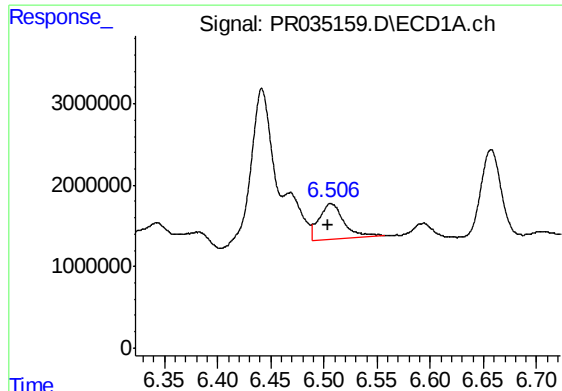
#24 AR-1248-4

R.T.: 6.468 min
Delta R.T.: 0.003 min
Response: 7260227
Conc: 81.26 ng/ml



#24 AR-1248-4

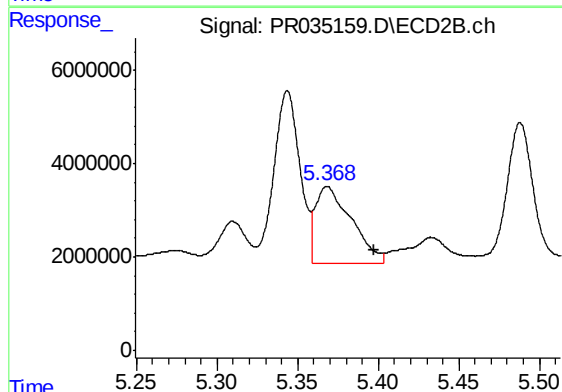
R.T.: 5.000 min
Delta R.T.: -0.014 min
Response: 43606855
Conc: 265.04 ng/ml



#25 AR-1248-5

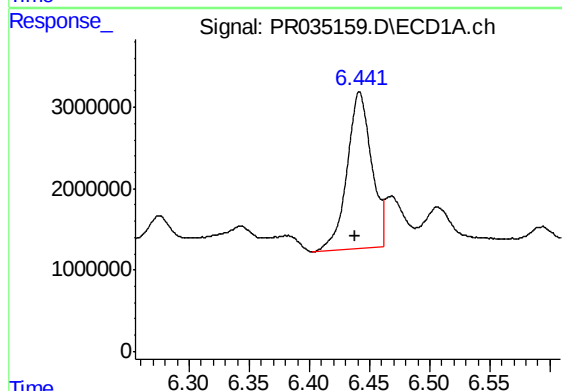
R.T.: 6.506 min
Delta R.T.: 0.003 min
Response: 7117930
Conc: 85.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660339



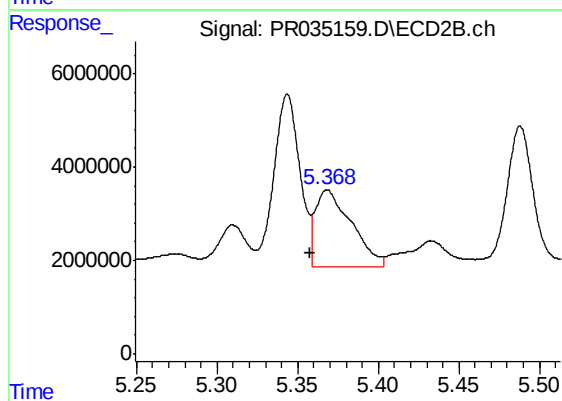
#25 AR-1248-5

R.T.: 5.369 min
Delta R.T.: -0.029 min
Response: 25418177
Conc: 151.88 ng/ml



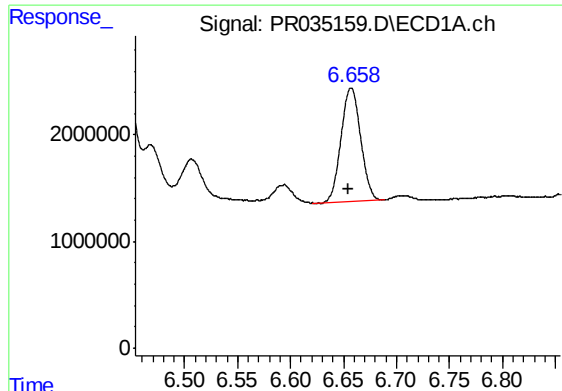
#26 AR-1254-1

R.T.: 6.442 min
Delta R.T.: 0.003 min
Response: 27073872
Conc: 331.36 ng/ml



#26 AR-1254-1

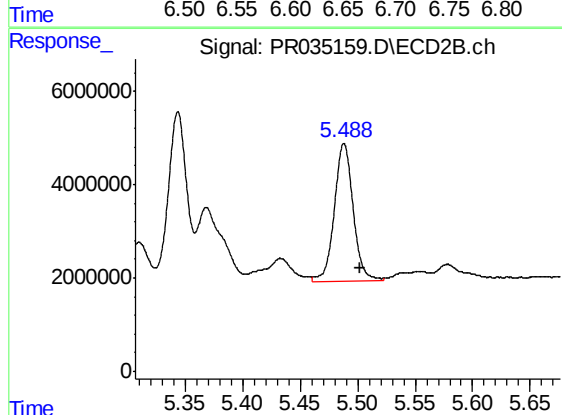
R.T.: 5.369 min
Delta R.T.: 0.011 min
Response: 25418177
Conc: 103.88 ng/ml



#27 AR-1254-2

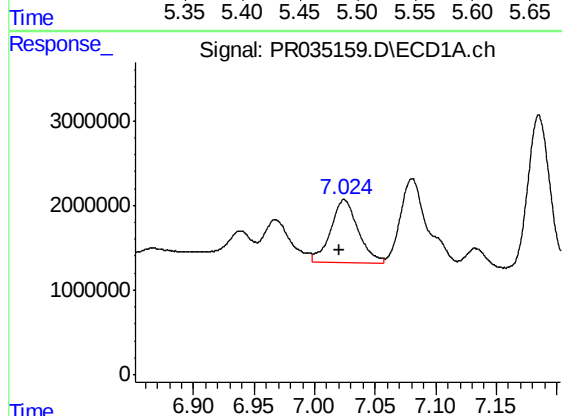
R.T.: 6.657 min
Delta R.T.: 0.002 min
Response: 13698121
Conc: 107.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660339



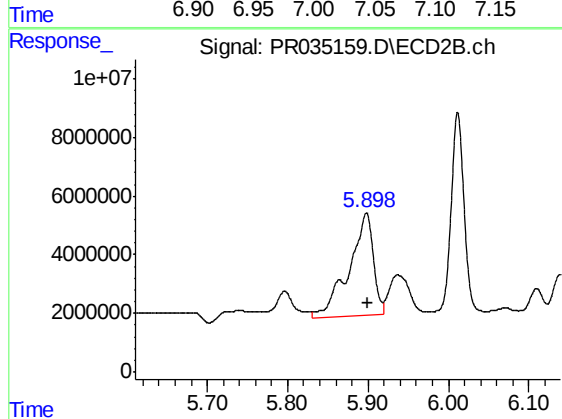
#27 AR-1254-2

R.T.: 5.488 min
Delta R.T.: -0.014 min
Response: 33858248
Conc: 159.19 ng/ml



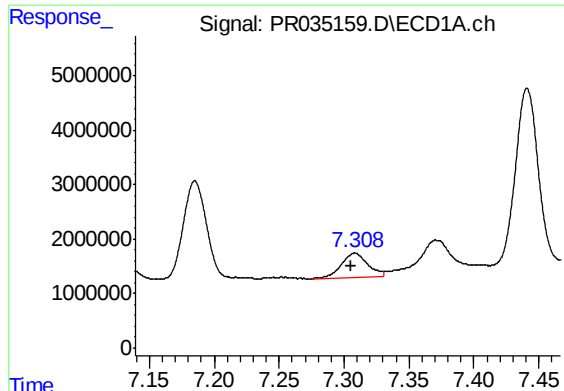
#28 AR-1254-3

R.T.: 7.025 min
Delta R.T.: 0.004 min
Response: 11795362
Conc: 87.39 ng/ml



#28 AR-1254-3

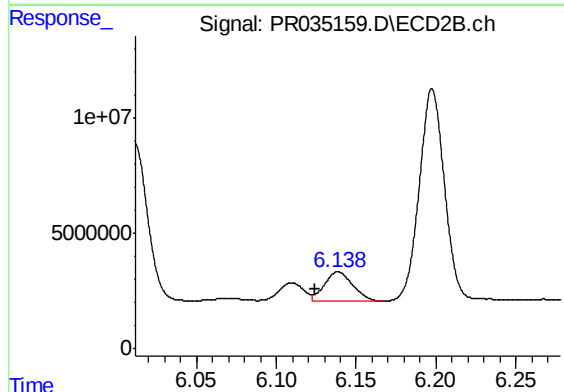
R.T.: 5.898 min
Delta R.T.: -0.001 min
Response: 72921731
Conc: 204.08 ng/ml



#29 AR-1254-4

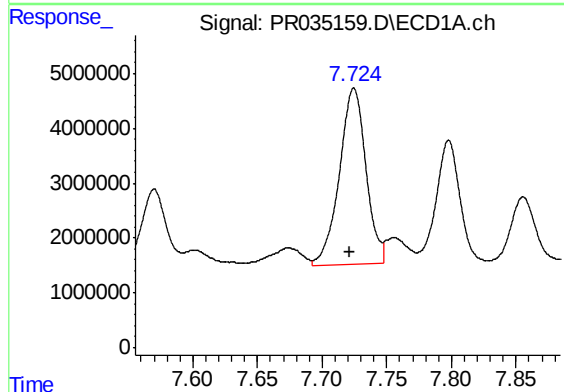
R.T.: 7.308 min
Delta R.T.: 0.003 min
Response: 6444382
Conc: 60.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660339



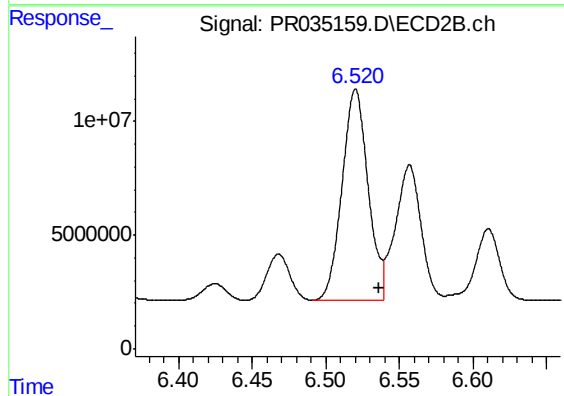
#29 AR-1254-4

R.T.: 6.139 min
Delta R.T.: 0.014 min
Response: 15643573
Conc: 66.23 ng/ml



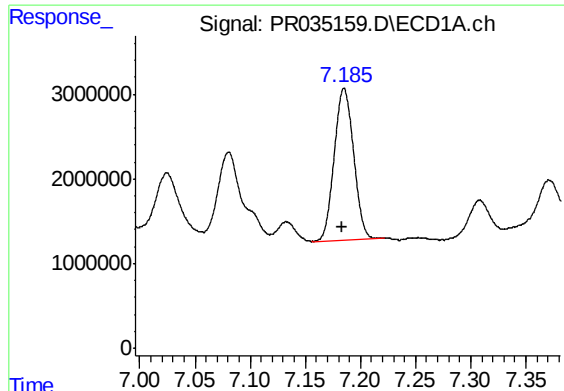
#30 AR-1254-5

R.T.: 7.725 min
Delta R.T.: 0.003 min
Response: 46023294
Conc: 429.55 ng/ml



#30 AR-1254-5

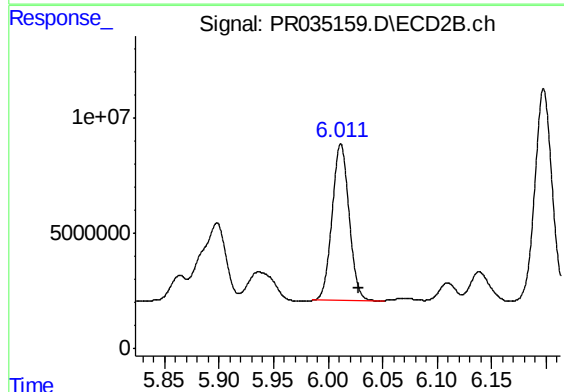
R.T.: 6.520 min
Delta R.T.: -0.016 min
Response: 114059924
Conc: 357.62 ng/ml



#31 AR-1260-1

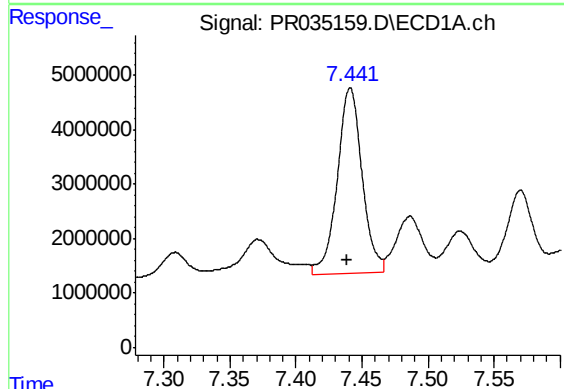
R.T.: 7.185 min
Delta R.T.: 0.002 min
Response: 21742394
Conc: 231.28 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660339



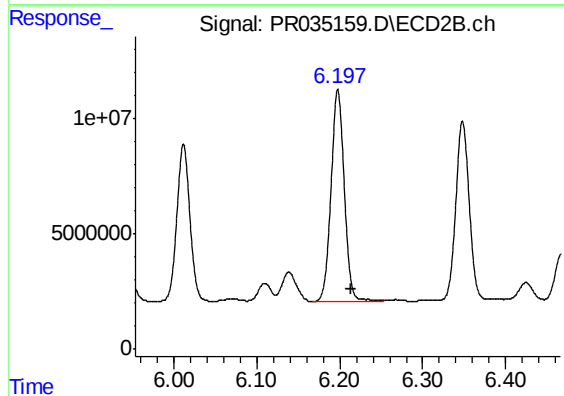
#31 AR-1260-1

R.T.: 6.012 min
Delta R.T.: -0.016 min
Response: 73481517
Conc: 341.82 ng/ml



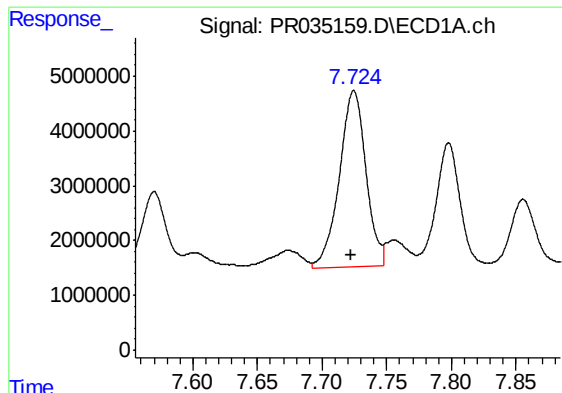
#32 AR-1260-2

R.T.: 7.441 min
Delta R.T.: 0.002 min
Response: 44623733
Conc: 384.35 ng/ml



#32 AR-1260-2

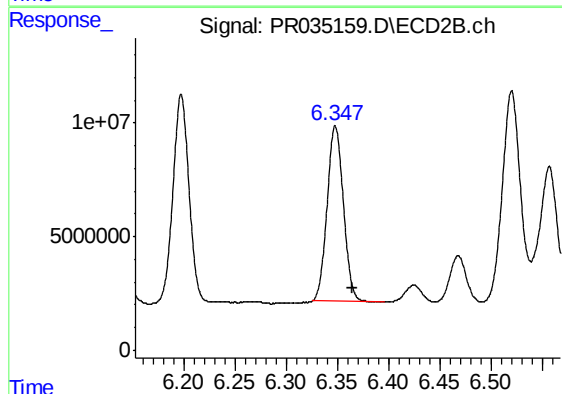
R.T.: 6.198 min
Delta R.T.: -0.016 min
Response: 102333344
Conc: 376.06 ng/ml



#33 AR-1260-3

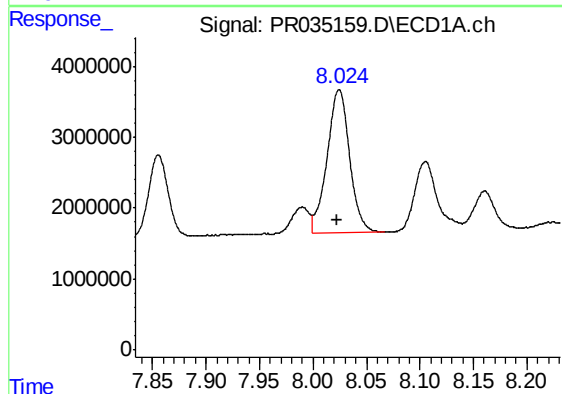
R.T.: 7.725 min
Delta R.T.: 0.002 min
Response: 46023294
Conc: 329.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660339



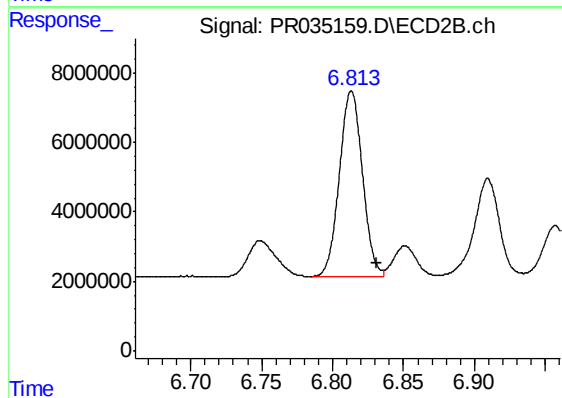
#33 AR-1260-3

R.T.: 6.348 min
Delta R.T.: -0.017 min
Response: 85086382
Conc: 342.76 ng/ml



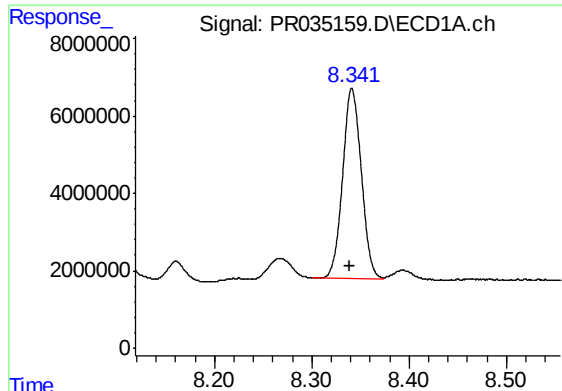
#34 AR-1260-4

R.T.: 8.024 min
Delta R.T.: 0.002 min
Response: 29732388
Conc: 344.27 ng/ml



#34 AR-1260-4

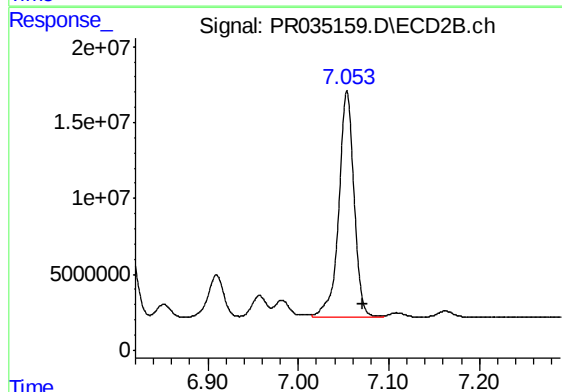
R.T.: 6.813 min
Delta R.T.: -0.017 min
Response: 60398087
Conc: 353.23 ng/ml



#35 AR-1260-5

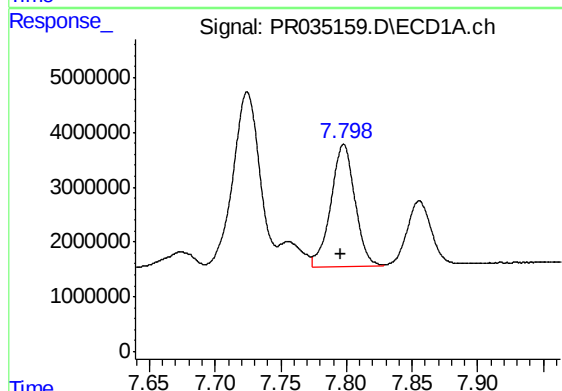
R.T.: 8.341 min
Delta R.T.: 0.002 min
Response: 65684967
Conc: 363.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660339



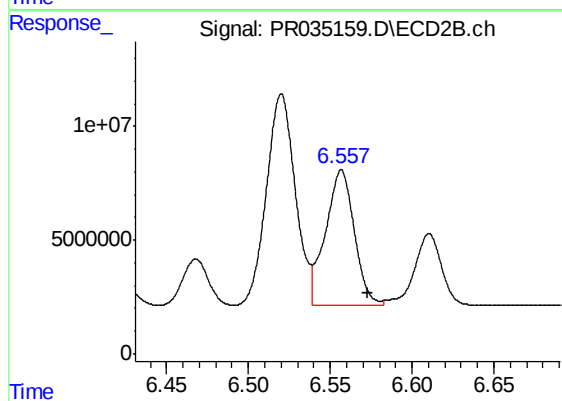
#35 AR-1260-5

R.T.: 7.054 min
Delta R.T.: -0.017 min
Response: 174563140
Conc: 360.93 ng/ml



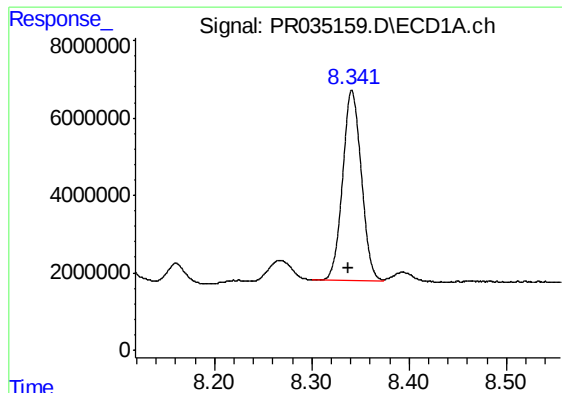
#36 AR-1262-1

R.T.: 7.798 min
Delta R.T.: 0.003 min
Response: 28331980
Conc: 174.46 ng/ml



#36 AR-1262-1

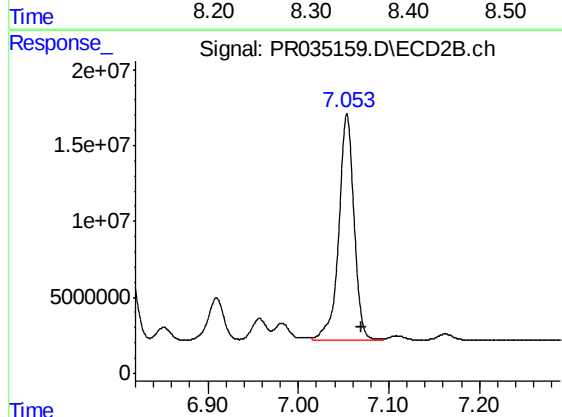
R.T.: 6.557 min
Delta R.T.: -0.016 min
Response: 73253220
Conc: 188.54 ng/ml



#37 AR-1262-2

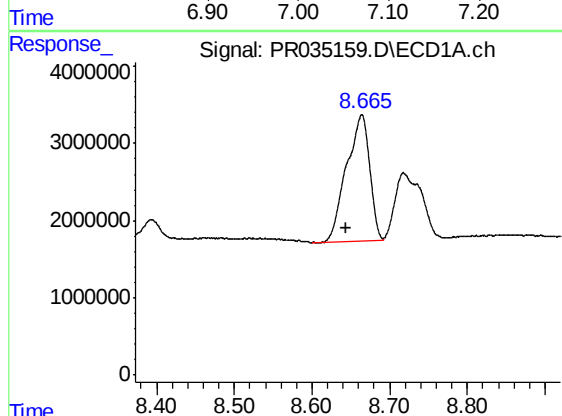
R.T.: 8.341 min
Delta R.T.: 0.003 min
Response: 65684967
Conc: 232.27 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660339



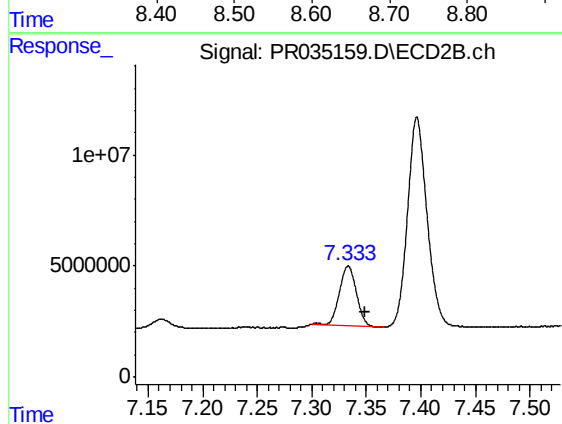
#37 AR-1262-2

R.T.: 7.054 min
Delta R.T.: -0.016 min
Response: 174563140
Conc: 245.24 ng/ml



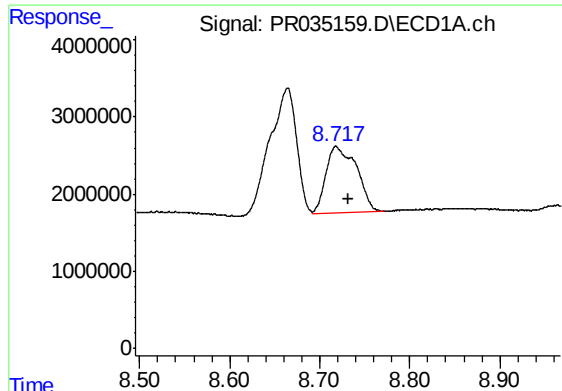
#38 AR-1262-3

R.T.: 8.664 min
Delta R.T.: 0.021 min
Response: 33867625
Conc: 174.28 ng/ml



#38 AR-1262-3

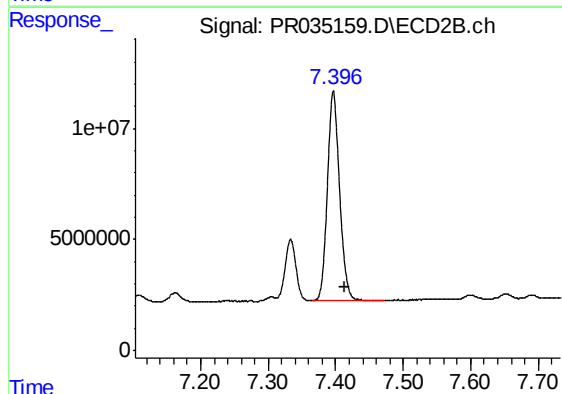
R.T.: 7.333 min
Delta R.T.: -0.016 min
Response: 28828217
Conc: 94.34 ng/ml



#39 AR-1262-4

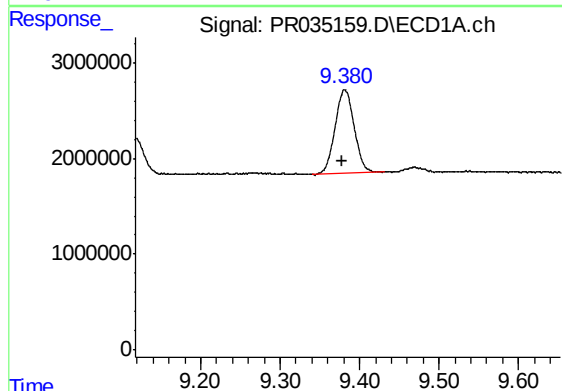
R.T.: 8.718 min
Delta R.T.: -0.014 min
Response: 20254962
Conc: 137.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660339



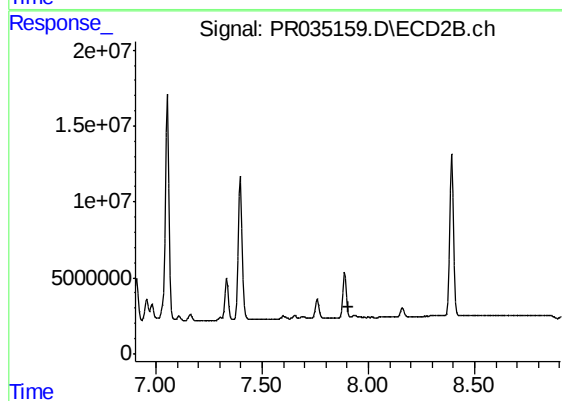
#39 AR-1262-4

R.T.: 7.397 min
Delta R.T.: -0.017 min
Response: 117757507
Conc: 224.92 ng/ml



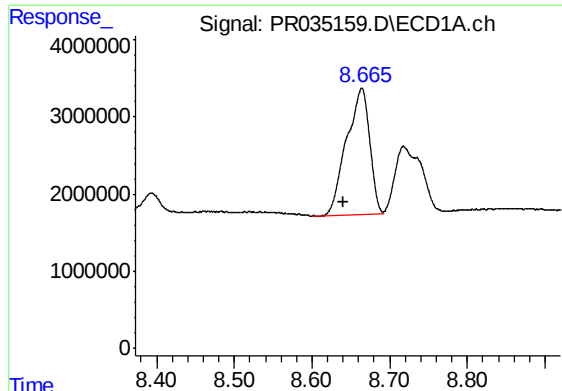
#40 AR-1262-5

R.T.: 9.381 min
Delta R.T.: 0.003 min
Response: 14647440
Conc: 138.09 ng/ml



#40 AR-1262-5

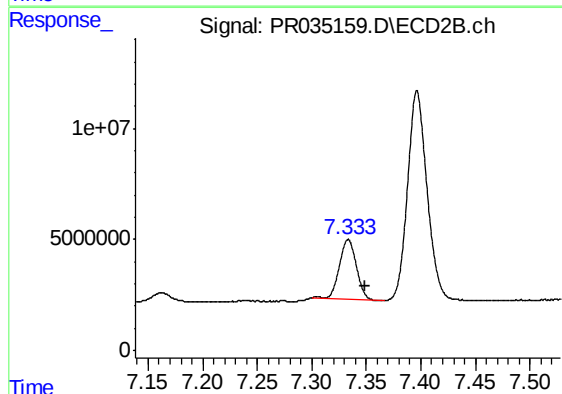
R.T.: 7.933 min
Delta R.T.: 0.029 min
Response: -18063805
Conc: N.D.



#41 AR-1268-1

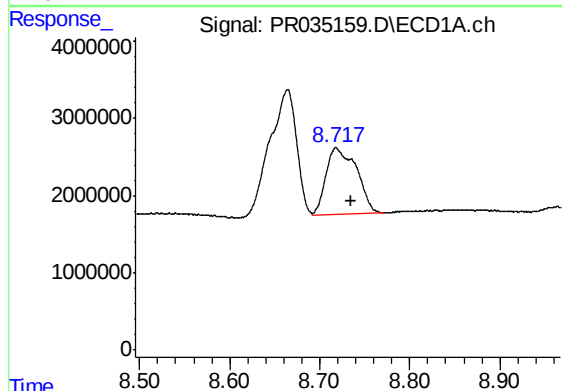
R.T.: 8.664 min
Delta R.T.: 0.023 min
Response: 33867625
Conc: 89.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660339



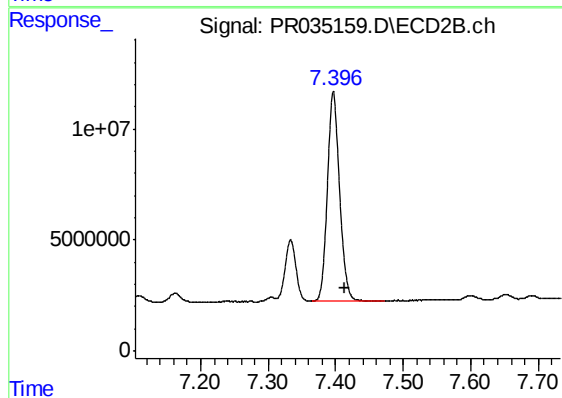
#41 AR-1268-1

R.T.: 7.333 min
Delta R.T.: -0.016 min
Response: 28828217
Conc: 31.67 ng/ml



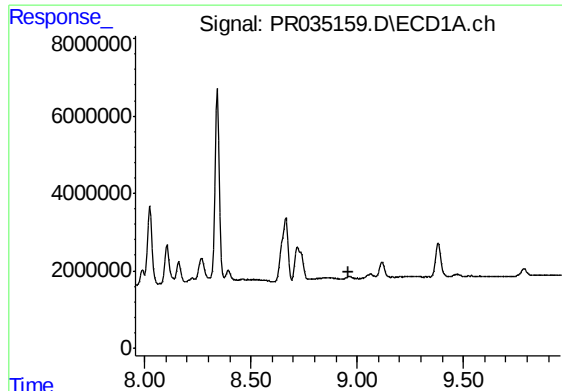
#42 AR-1268-2

R.T.: 8.718 min
Delta R.T.: -0.016 min
Response: 20254962
Conc: 59.32 ng/ml



#42 AR-1268-2

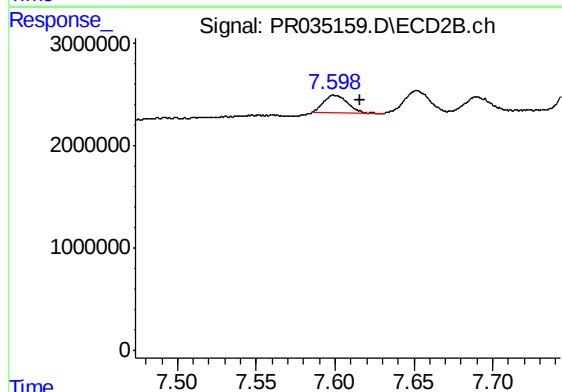
R.T.: 7.397 min
Delta R.T.: -0.017 min
Response: 117757507
Conc: 140.20 ng/ml



#43 AR-1268-3

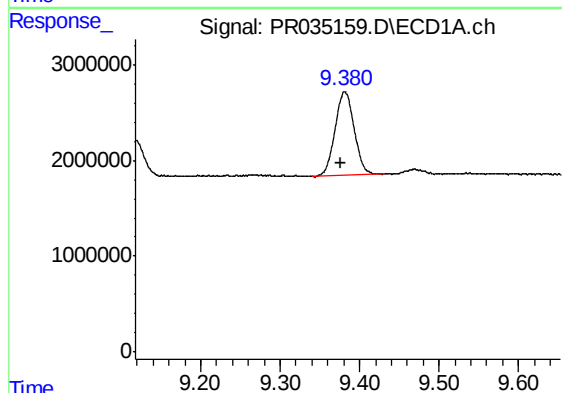
R.T.: 0.000 min
Exp R.T.: 8.957 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1660339



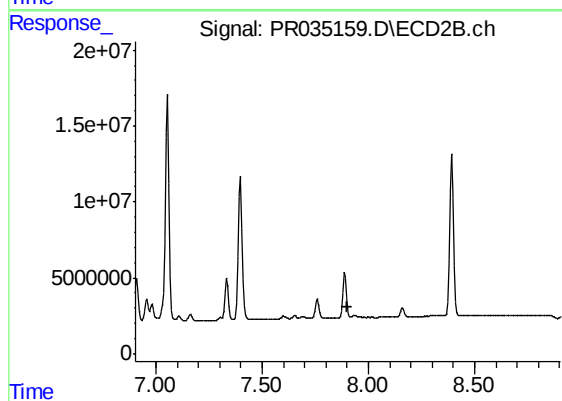
#43 AR-1268-3

R.T.: 7.600 min
Delta R.T.: -0.016 min
Response: 1823366
Conc: 2.49 ng/ml



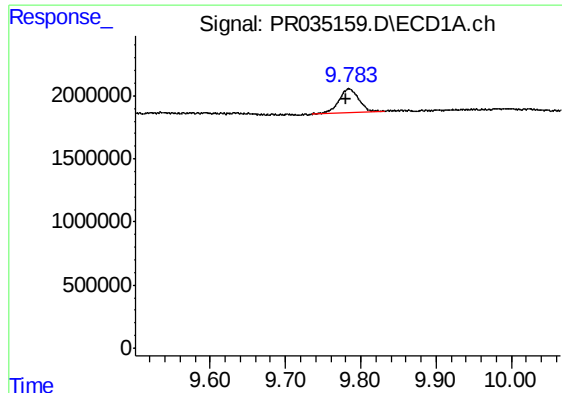
#44 AR-1268-4

R.T.: 9.381 min
Delta R.T.: 0.005 min
Response: 14647440
Conc: 117.65 ng/ml



#44 AR-1268-4

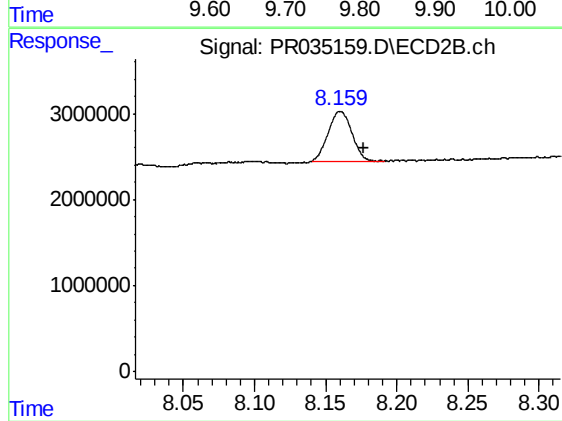
R.T.: 7.933 min
Delta R.T.: 0.029 min
Response: -18063805
Conc: N.D.



#45 AR-1268-5

R.T.: 9.784 min
Delta R.T.: 0.003 min
Response: 3358203
Conc: 3.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660339



#45 AR-1268-5

R.T.: 8.160 min
Delta R.T.: -0.016 min
Response: 6673781
Conc: 2.96 ng/ml