

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122718\
 Data File : PQ036073.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Dec 2018 23:00
 Operator : SM\SJ
 Sample : PB116025BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 28 04:20:11 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ121318.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Dec 24 12:28:48 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.409	3.733	94934857	53575453	24.264	23.978
2)	SA Decachlor...	0.000	8.700	0	38703221	N.D.	21.898 #
Target Compounds							
3)	L1 AR-1016-1	5.594	4.826	51264829	29223929	400.671	379.019
4)	L1 AR-1016-2	5.655	4.826	30318704	29223929	158.083	258.255 #
5)	L1 AR-1016-3	5.655	5.003	30318704	15620653	264.909	267.480
6)	L1 AR-1016-4	5.755	5.043	24883107	12283881	261.301	261.244
7)	L1 AR-1016-5	6.086	5.255	-656084	14889781	N.D.	242.552 #
8)	L2 AR-1221-1	4.616	3.942	2726907	1382733	79.823	67.771
9)	L2 AR-1221-2	4.706	4.030	4225156	2275437	165.843	153.946
10)	L2 AR-1221-3	4.782	4.105	17097901	9765041	205.453	201.007
11)	L3 AR-1232-1	4.782	4.105	17097901	9765041	235.126	221.774
12)	L3 AR-1232-2	5.307	4.826	23535556	29223929	610.708	595.649
13)	L3 AR-1232-3	5.655	5.003	30318704	15620653	370.783	611.340 #
14)	L3 AR-1232-4	5.755	5.114	24883107	4946878	621.419	216.813 #
15)	L3 AR-1232-5	5.886	5.255	22068257	14889781	696.851	596.132
16)	L4 AR-1242-1	5.594	4.826	51264829	29223929	531.356	493.873
17)	L4 AR-1242-2	5.655	4.826	30318704	29223929	208.970	339.382 #
18)	L4 AR-1242-3	5.655	5.003	30318704	15620653	350.440	346.853
19)	L4 AR-1242-4	5.755	5.114	24883107	4946878	359.686	111.714 #
20)	L4 AR-1242-5	6.487	5.603	3422133	11835345	43.620	214.449 #
21)	L5 AR-1248-1	5.594	4.826	51264829	29223929	776.671	740.694
22)	L5 AR-1248-2	5.886	5.043	22068257	12283881	232.825	226.331
23)	L5 AR-1248-3	6.086	5.114	-656084	4946878	N.D.	88.650 #
24)	L5 AR-1248-4	6.487	5.255	3422133	14889781	27.789	215.092 #
25)	L5 AR-1248-5	6.487	5.643	3422133	1631435	29.251	23.147
26)	L6 AR-1254-1	6.448	5.603	3521794	11835345	23.134	88.729 #
27)	L6 AR-1254-2	6.635	5.748	19316962	11168627	81.641	96.657
28)	L6 AR-1254-3	7.059	6.160	28269154	20217529	110.101	104.722
29)	L6 AR-1254-4	7.350	6.403	4539450	6884197	25.036	57.204 #
30)	L6 AR-1254-5	7.739	6.824	6773727	24132008	34.533	148.174 #
31)	L7 AR-1260-1	7.165	6.277	44519145	28935410	241.424	230.034
32)	L7 AR-1260-2	7.420	6.464	52258088	34636832	240.506	229.363
33)	L7 AR-1260-3	7.779	6.616	32222282	31805609	240.533	227.615
34)	L7 AR-1260-4	8.007	7.085	39433567	19111996	239.266	205.825
35)	L7 AR-1260-5	8.324	7.326	73116826	50720330	245.221	226.029
36)	L8 AR-1262-1	7.836	6.859	17616856	12690676	80.415	82.693
37)	L8 AR-1262-2	8.375	7.326	4052319	50720330	10.757	190.062 #
38)	L8 AR-1262-3	8.651	7.604	44836223	10761871	186.515	103.696 #
39)	L8 AR-1262-4	8.702	7.670	23852780	35686369	132.025	192.645 #
40)	L8 AR-1262-5	9.365	8.166	15694483	-2753410	137.812	N.D. #
41)	L9 AR-1268-1	8.651	7.604	44836223	10761871	92.927	32.273 #

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 Acq On : 27 Dec 2018 23:00
 Operator : SM\SJ
 Sample : PB116025BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

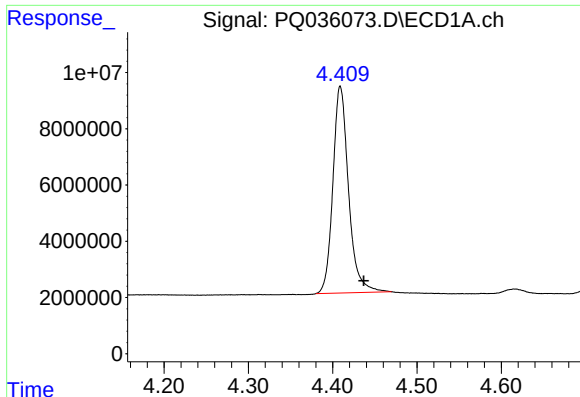
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 28 04:20:11 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ121318.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.702	7.670	23852780	35686369	55.284	120.417 #
43) L9	AR-1268-3	9.045	0.000	2011812	0	5.323	N.D. #
44) L9	AR-1268-4	9.365	8.166	15694483	-2753410	114.482	N.D. #
45) L9	AR-1268-5	9.762	0.000	7338836	0	6.339	N.D. #

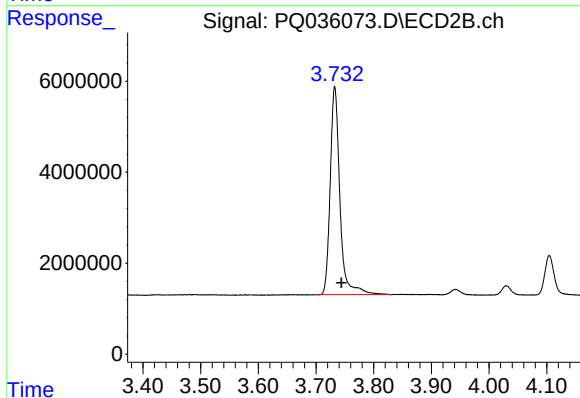
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

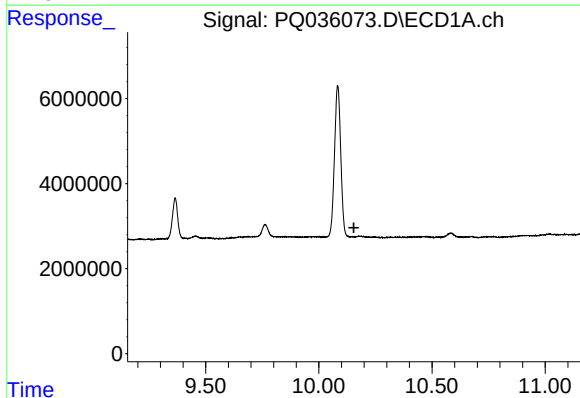
R.T.: 4.409 min
Delta R.T.: -0.028 min
Response: 94934857
Conc: 24.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



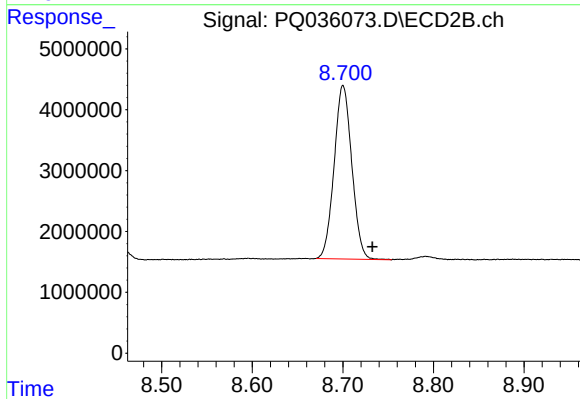
#1 Tetrachloro-m-xylene

R.T.: 3.733 min
Delta R.T.: -0.012 min
Response: 53575453
Conc: 23.98 ng/ml



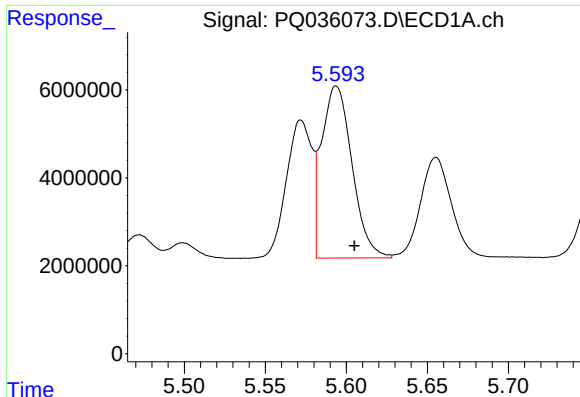
#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 10.155 min
Response: 0
Conc: N.D.



#2 Decachlorobiphenyl

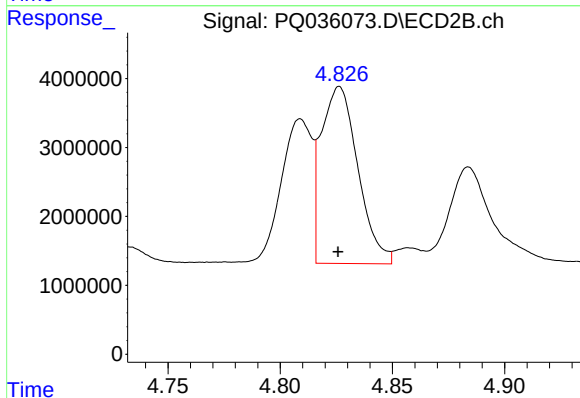
R.T.: 8.700 min
Delta R.T.: -0.032 min
Response: 38703221
Conc: 21.90 ng/ml



#3 AR-1016-1

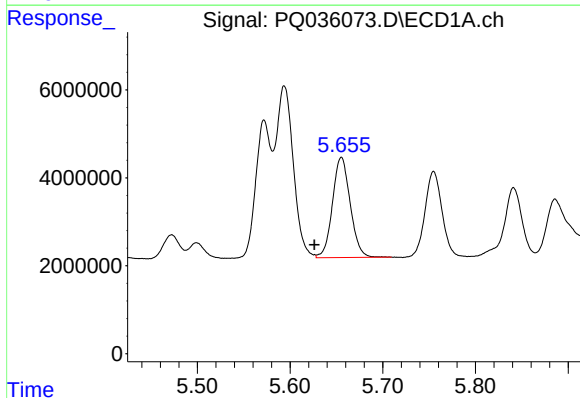
R.T.: 5.594 min
Delta R.T.: -0.011 min
Response: 51264829
Conc: 400.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



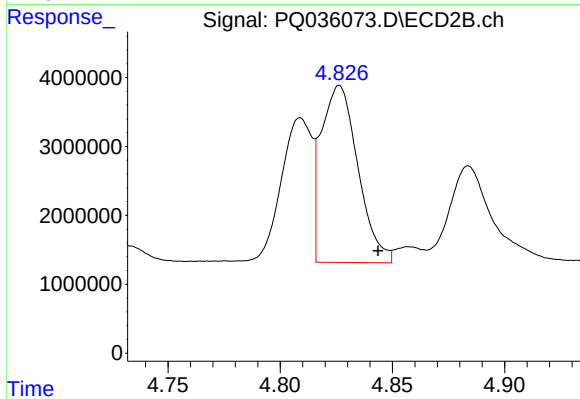
#3 AR-1016-1

R.T.: 4.826 min
Delta R.T.: 0.000 min
Response: 29223929
Conc: 379.02 ng/ml



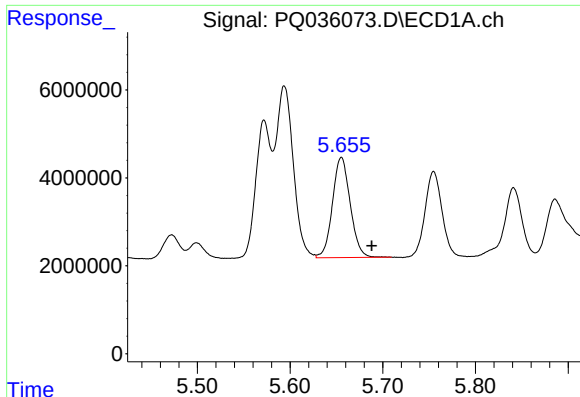
#4 AR-1016-2

R.T.: 5.655 min
Delta R.T.: 0.029 min
Response: 30318704
Conc: 158.08 ng/ml



#4 AR-1016-2

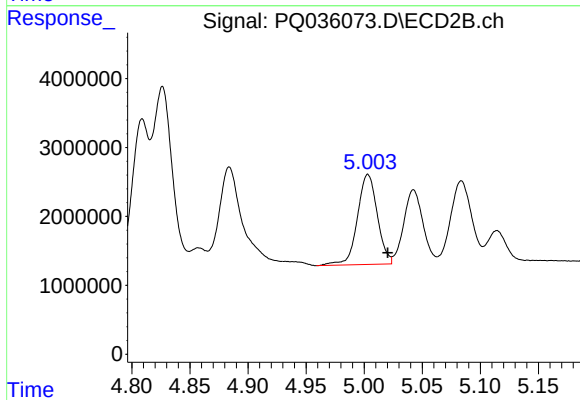
R.T.: 4.826 min
Delta R.T.: -0.017 min
Response: 29223929
Conc: 258.26 ng/ml



#5 AR-1016-3

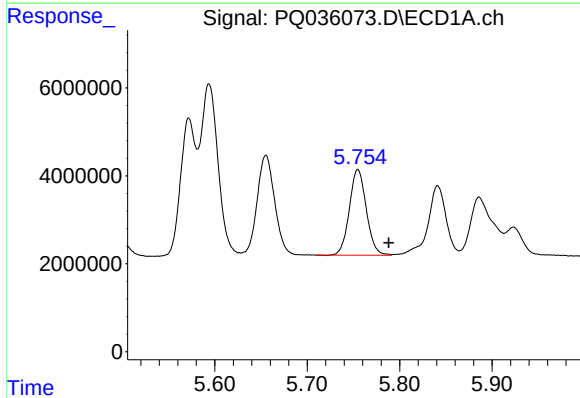
R.T.: 5.655 min
Delta R.T.: -0.033 min
Response: 30318704
Conc: 264.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



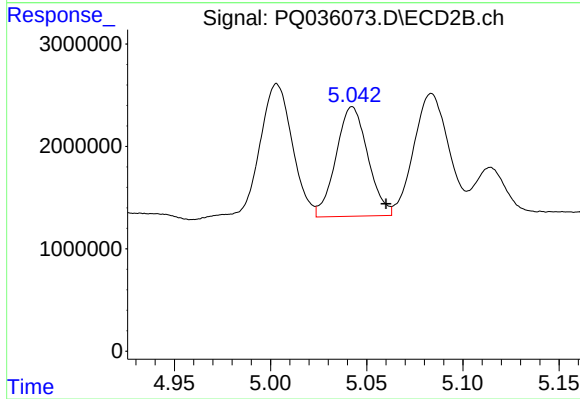
#5 AR-1016-3

R.T.: 5.003 min
Delta R.T.: -0.017 min
Response: 15620653
Conc: 267.48 ng/ml



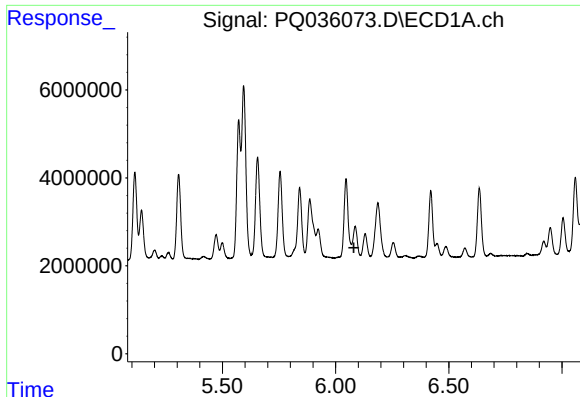
#6 AR-1016-4

R.T.: 5.755 min
Delta R.T.: -0.033 min
Response: 24883107
Conc: 261.30 ng/ml



#6 AR-1016-4

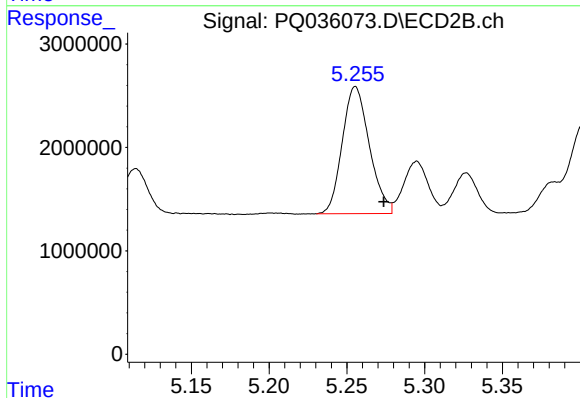
R.T.: 5.043 min
Delta R.T.: -0.018 min
Response: 12283881
Conc: 261.24 ng/ml



#7 AR-1016-5

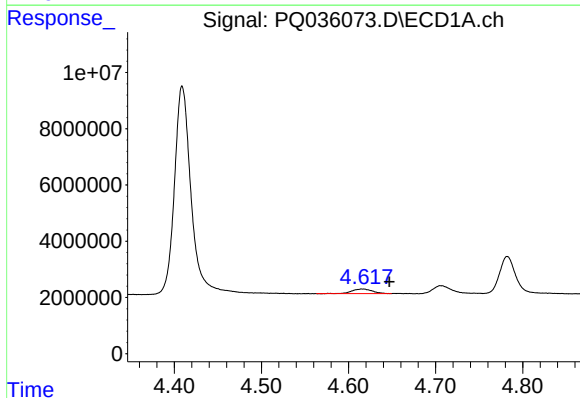
R.T.: 6.086 min
Delta R.T.: 0.006 min
Response: -656084
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



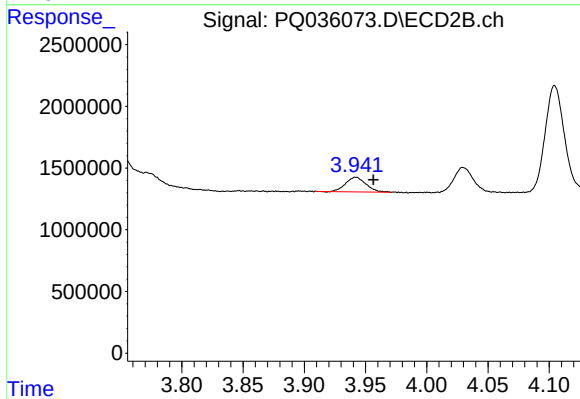
#7 AR-1016-5

R.T.: 5.255 min
Delta R.T.: -0.018 min
Response: 14889781
Conc: 242.55 ng/ml



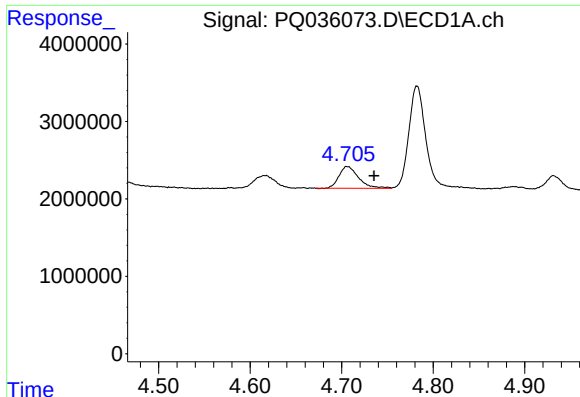
#8 AR-1221-1

R.T.: 4.616 min
Delta R.T.: -0.031 min
Response: 2726907
Conc: 79.82 ng/ml



#8 AR-1221-1

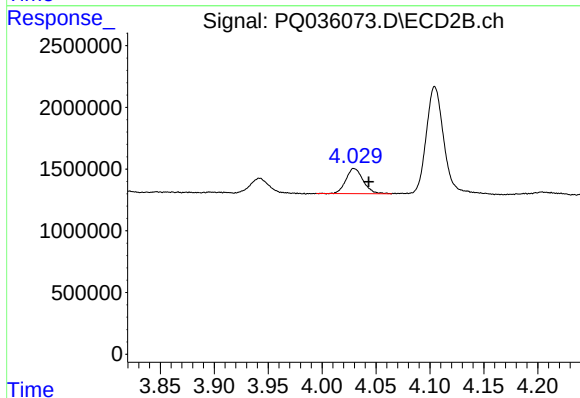
R.T.: 3.942 min
Delta R.T.: -0.014 min
Response: 1382733
Conc: 67.77 ng/ml



#9 AR-1221-2

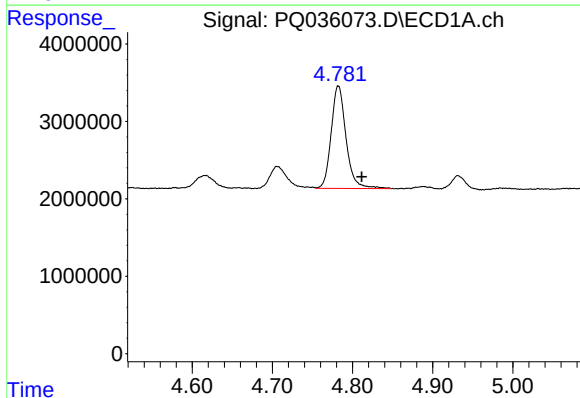
R.T.: 4.706 min
Delta R.T.: -0.029 min
Response: 4225156
Conc: 165.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



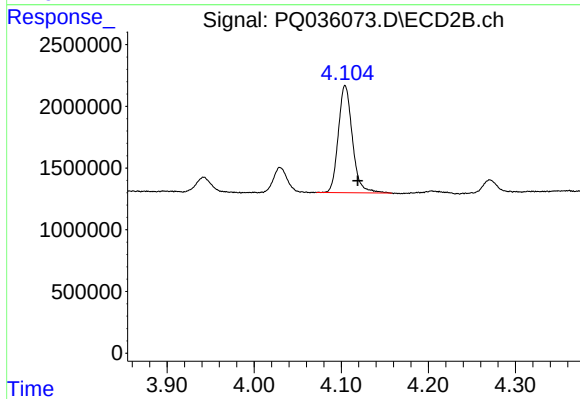
#9 AR-1221-2

R.T.: 4.030 min
Delta R.T.: -0.013 min
Response: 2275437
Conc: 153.95 ng/ml



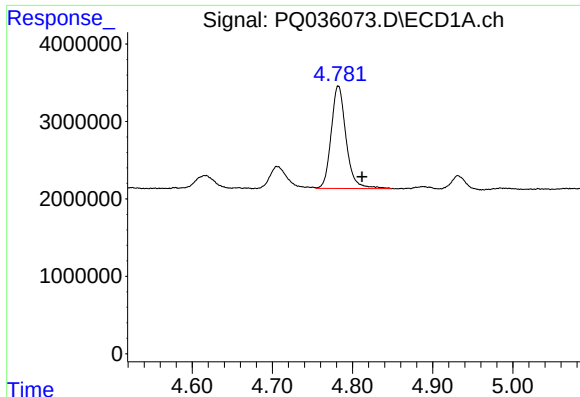
#10 AR-1221-3

R.T.: 4.782 min
Delta R.T.: -0.029 min
Response: 17097901
Conc: 205.45 ng/ml



#10 AR-1221-3

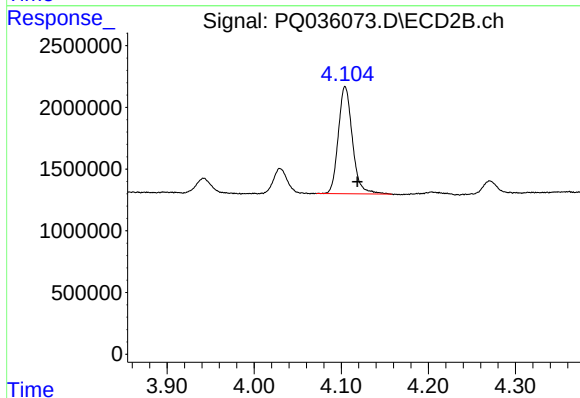
R.T.: 4.105 min
Delta R.T.: -0.014 min
Response: 9765041
Conc: 201.01 ng/ml



#11 AR-1232-1

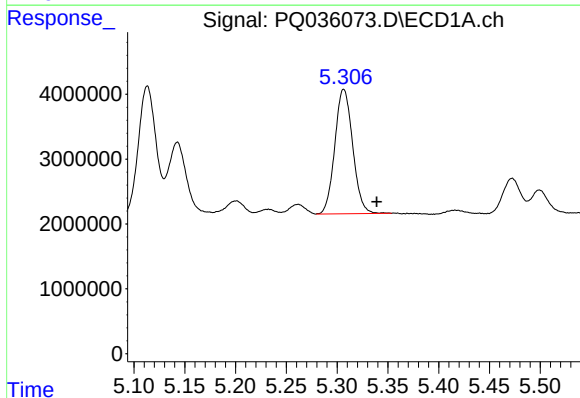
R.T.: 4.782 min
Delta R.T.: -0.030 min
Response: 17097901
Conc: 235.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



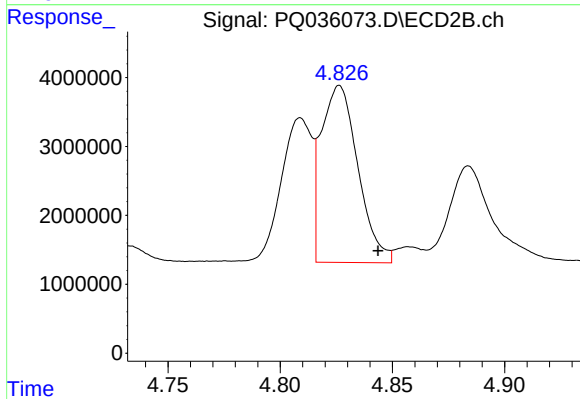
#11 AR-1232-1

R.T.: 4.105 min
Delta R.T.: -0.014 min
Response: 9765041
Conc: 221.77 ng/ml



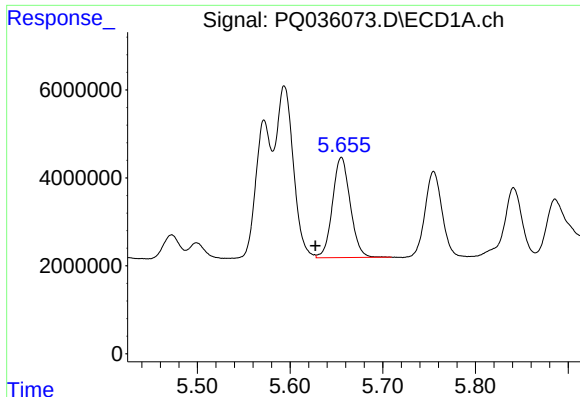
#12 AR-1232-2

R.T.: 5.307 min
Delta R.T.: -0.032 min
Response: 23535556
Conc: 610.71 ng/ml



#12 AR-1232-2

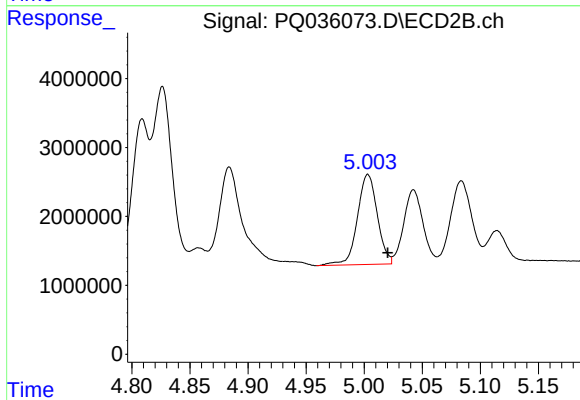
R.T.: 4.826 min
Delta R.T.: -0.017 min
Response: 29223929
Conc: 595.65 ng/ml



#13 AR-1232-3

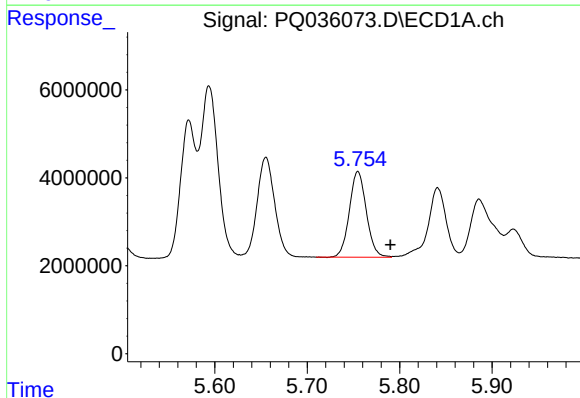
R.T.: 5.655 min
Delta R.T.: 0.028 min
Response: 30318704
Conc: 370.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



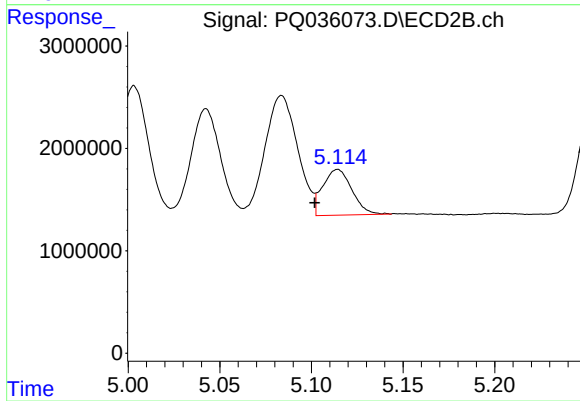
#13 AR-1232-3

R.T.: 5.003 min
Delta R.T.: -0.017 min
Response: 15620653
Conc: 611.34 ng/ml



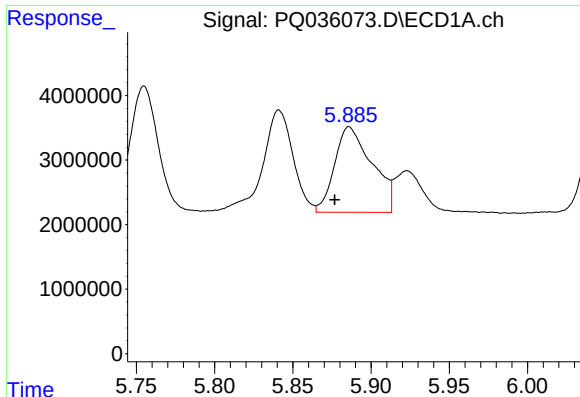
#14 AR-1232-4

R.T.: 5.755 min
Delta R.T.: -0.035 min
Response: 24883107
Conc: 621.42 ng/ml



#14 AR-1232-4

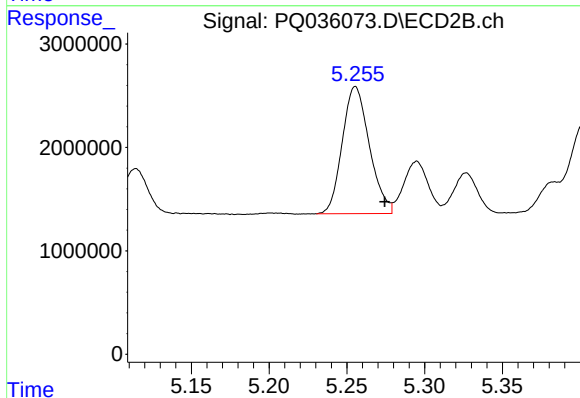
R.T.: 5.114 min
Delta R.T.: 0.012 min
Response: 4946878
Conc: 216.81 ng/ml



#15 AR-1232-5

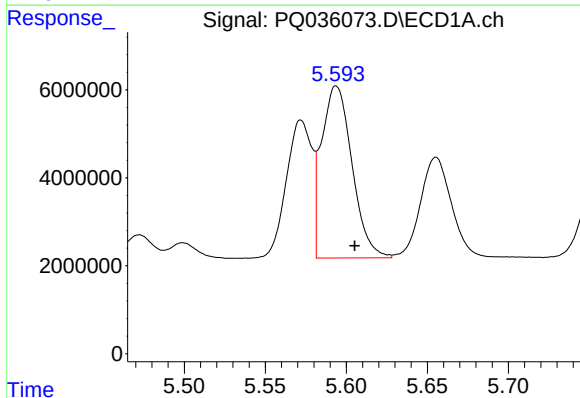
R.T.: 5.886 min
Delta R.T.: 0.009 min
Response: 22068257
Conc: 696.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



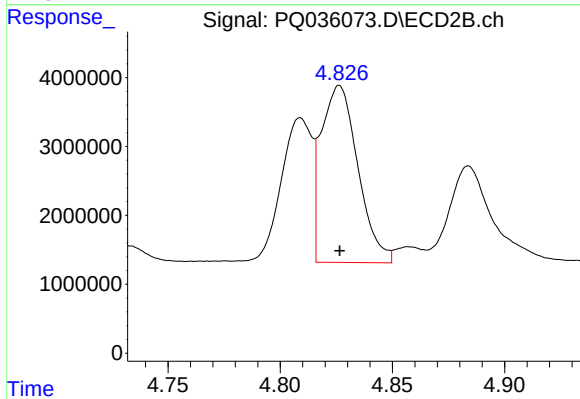
#15 AR-1232-5

R.T.: 5.255 min
Delta R.T.: -0.019 min
Response: 14889781
Conc: 596.13 ng/ml



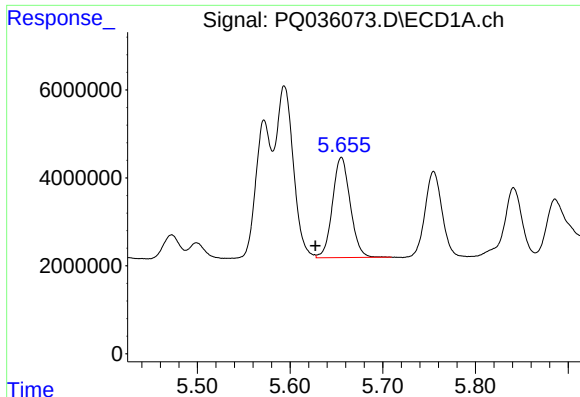
#16 AR-1242-1

R.T.: 5.594 min
Delta R.T.: -0.011 min
Response: 51264829
Conc: 531.36 ng/ml



#16 AR-1242-1

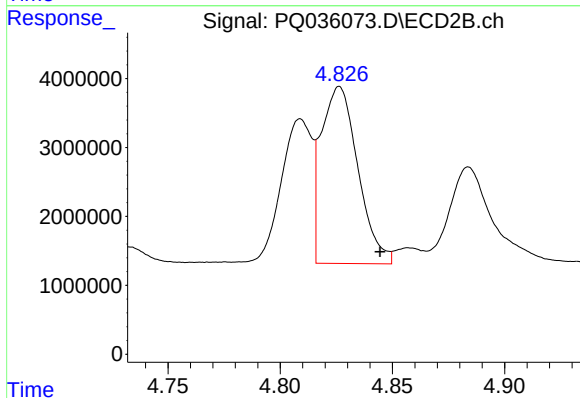
R.T.: 4.826 min
Delta R.T.: 0.000 min
Response: 29223929
Conc: 493.87 ng/ml



#17 AR-1242-2

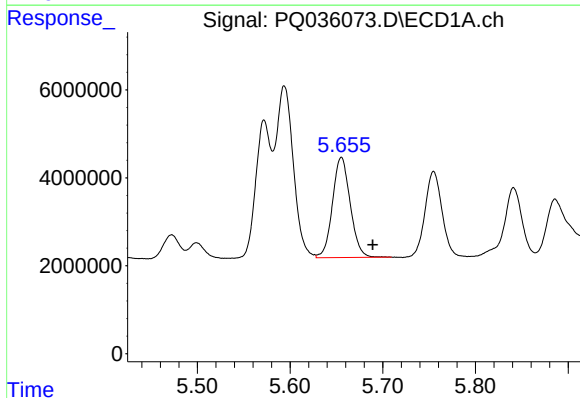
R.T.: 5.655 min
Delta R.T.: 0.028 min
Response: 30318704
Conc: 208.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



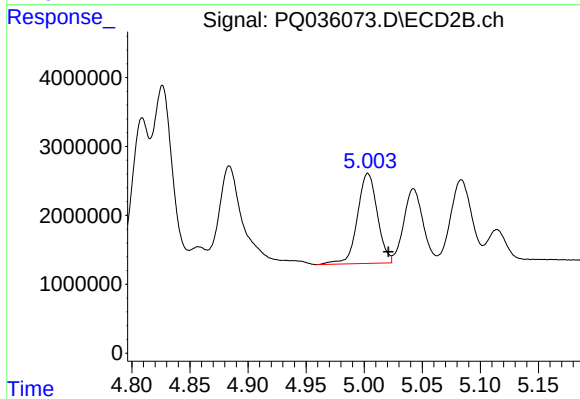
#17 AR-1242-2

R.T.: 4.826 min
Delta R.T.: -0.018 min
Response: 29223929
Conc: 339.38 ng/ml



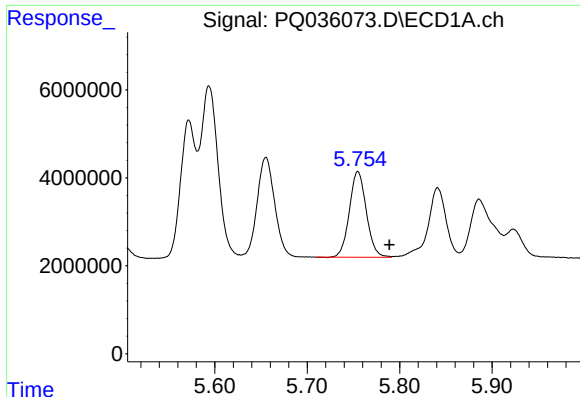
#18 AR-1242-3

R.T.: 5.655 min
Delta R.T.: -0.034 min
Response: 30318704
Conc: 350.44 ng/ml



#18 AR-1242-3

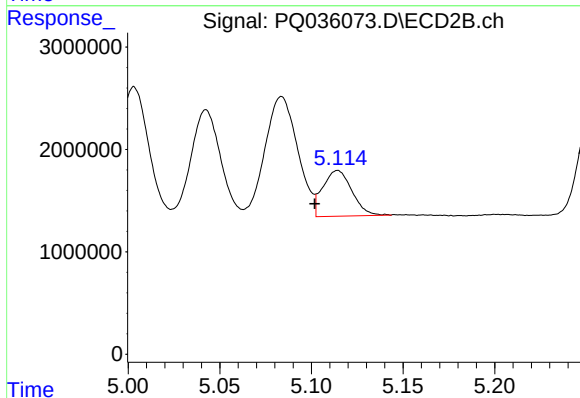
R.T.: 5.003 min
Delta R.T.: -0.018 min
Response: 15620653
Conc: 346.85 ng/ml



#19 AR-1242-4

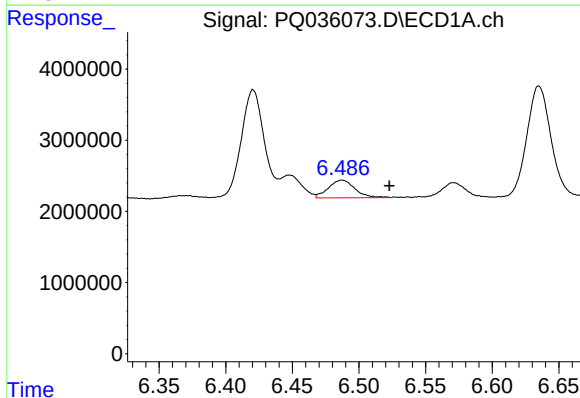
R.T.: 5.755 min
Delta R.T.: -0.034 min
Response: 24883107
Conc: 359.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



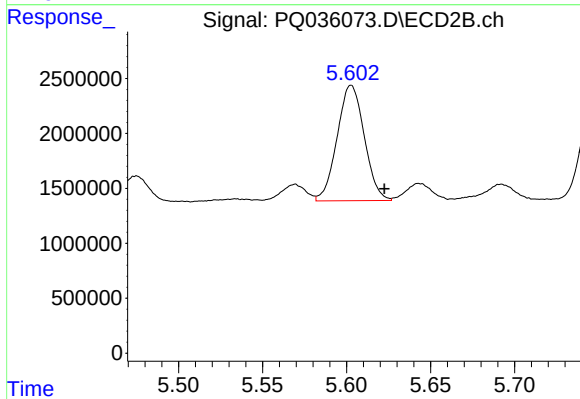
#19 AR-1242-4

R.T.: 5.114 min
Delta R.T.: 0.012 min
Response: 4946878
Conc: 111.71 ng/ml



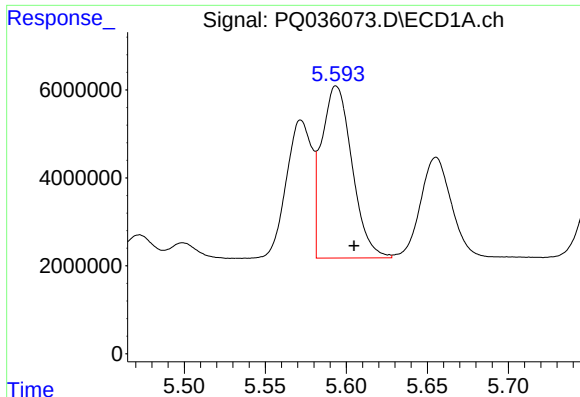
#20 AR-1242-5

R.T.: 6.487 min
Delta R.T.: -0.035 min
Response: 3422133
Conc: 43.62 ng/ml



#20 AR-1242-5

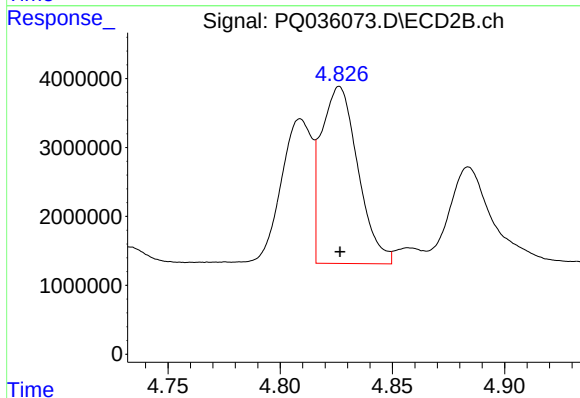
R.T.: 5.603 min
Delta R.T.: -0.020 min
Response: 11835345
Conc: 214.45 ng/ml



#21 AR-1248-1

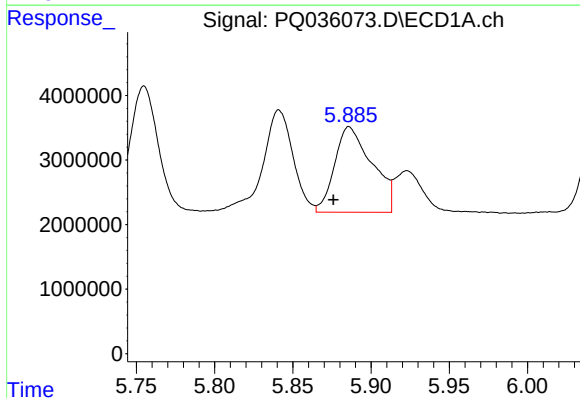
R.T.: 5.594 min
Delta R.T.: -0.011 min
Response: 51264829
Conc: 776.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



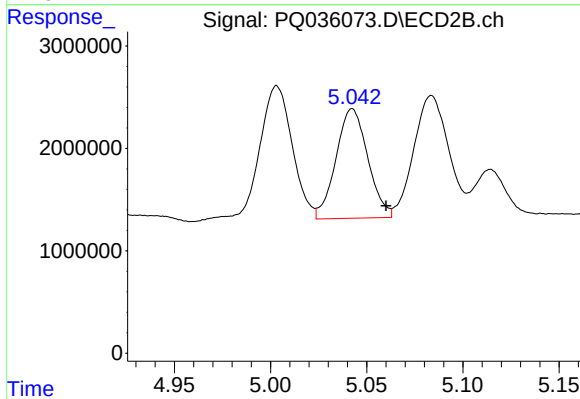
#21 AR-1248-1

R.T.: 4.826 min
Delta R.T.: 0.000 min
Response: 29223929
Conc: 740.69 ng/ml



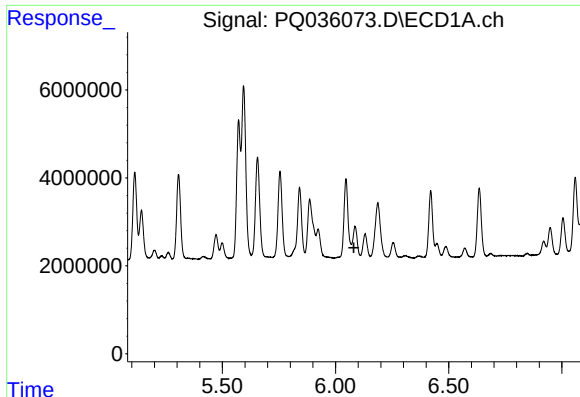
#22 AR-1248-2

R.T.: 5.886 min
Delta R.T.: 0.010 min
Response: 22068257
Conc: 232.82 ng/ml



#22 AR-1248-2

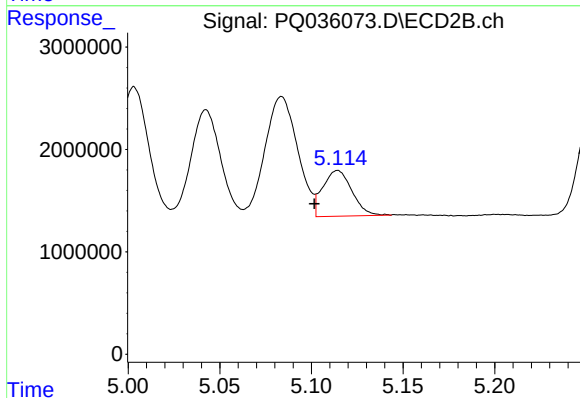
R.T.: 5.043 min
Delta R.T.: -0.018 min
Response: 12283881
Conc: 226.33 ng/ml



#23 AR-1248-3

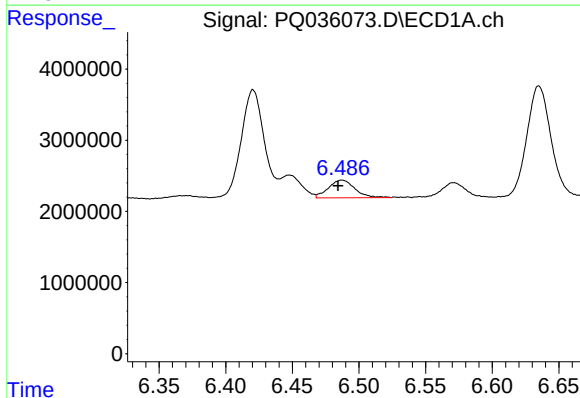
R.T.: 6.086 min
Delta R.T.: 0.005 min
Response: -656084
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



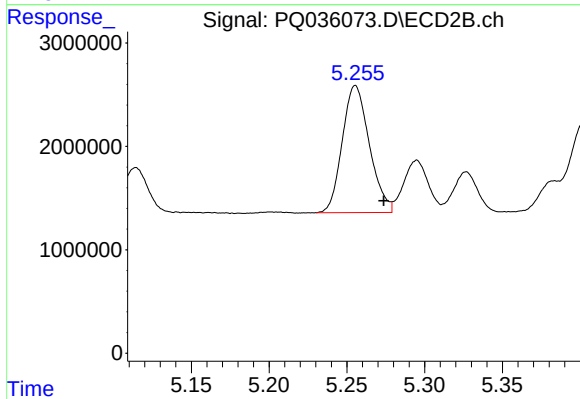
#23 AR-1248-3

R.T.: 5.114 min
Delta R.T.: 0.013 min
Response: 4946878
Conc: 88.65 ng/ml



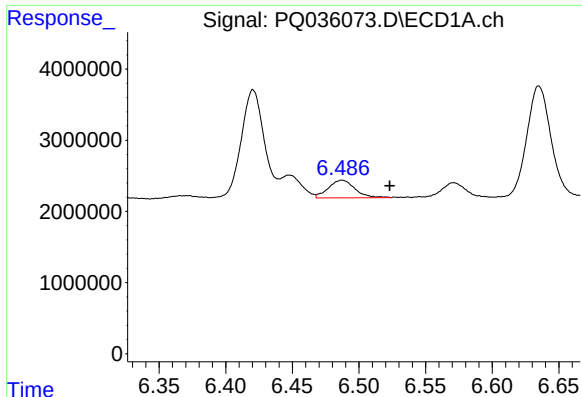
#24 AR-1248-4

R.T.: 6.487 min
Delta R.T.: 0.003 min
Response: 3422133
Conc: 27.79 ng/ml



#24 AR-1248-4

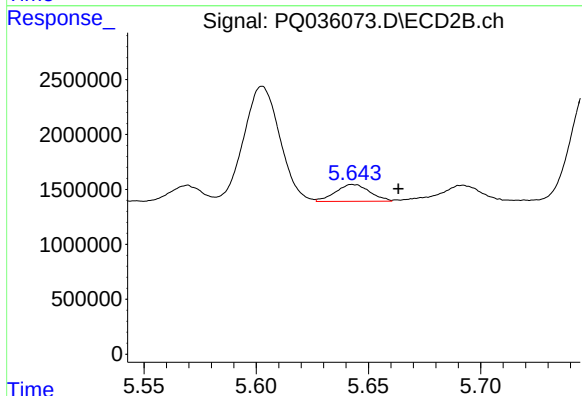
R.T.: 5.255 min
Delta R.T.: -0.018 min
Response: 14889781
Conc: 215.09 ng/ml



#25 AR-1248-5

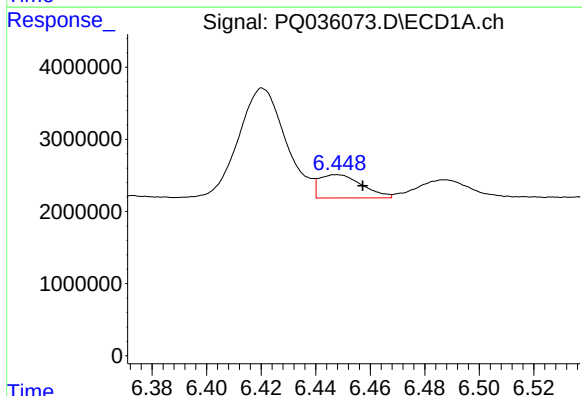
R.T.: 6.487 min
Delta R.T.: -0.036 min
Response: 3422133
Conc: 29.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



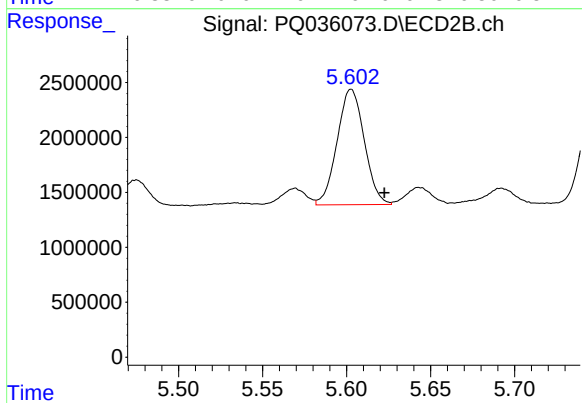
#25 AR-1248-5

R.T.: 5.643 min
Delta R.T.: -0.020 min
Response: 1631435
Conc: 23.15 ng/ml



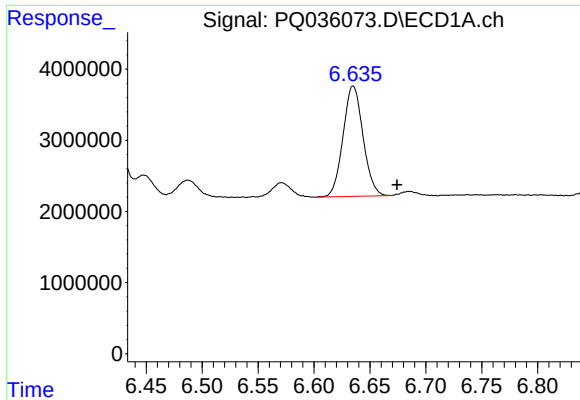
#26 AR-1254-1

R.T.: 6.448 min
Delta R.T.: -0.009 min
Response: 3521794
Conc: 23.13 ng/ml



#26 AR-1254-1

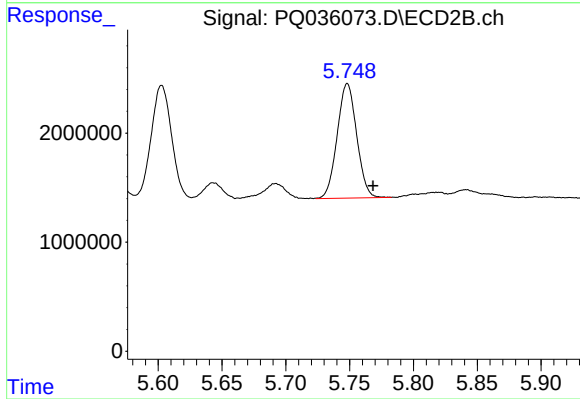
R.T.: 5.603 min
Delta R.T.: -0.020 min
Response: 11835345
Conc: 88.73 ng/ml



#27 AR-1254-2

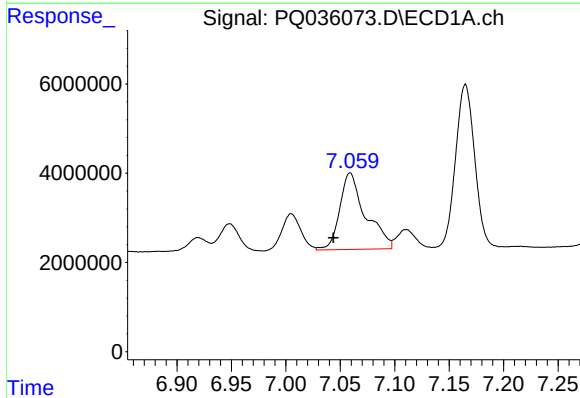
R.T.: 6.635 min
Delta R.T.: -0.039 min
Response: 19316962
Conc: 81.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



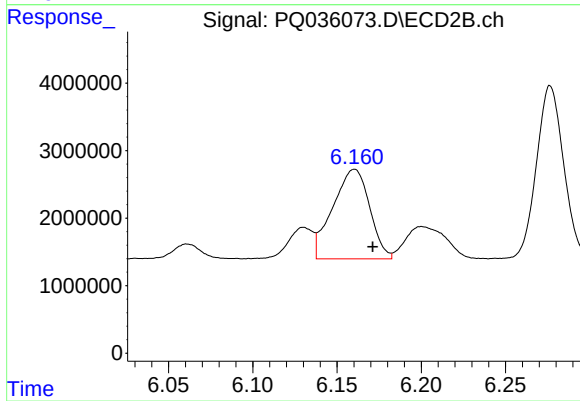
#27 AR-1254-2

R.T.: 5.748 min
Delta R.T.: -0.020 min
Response: 11168627
Conc: 96.66 ng/ml



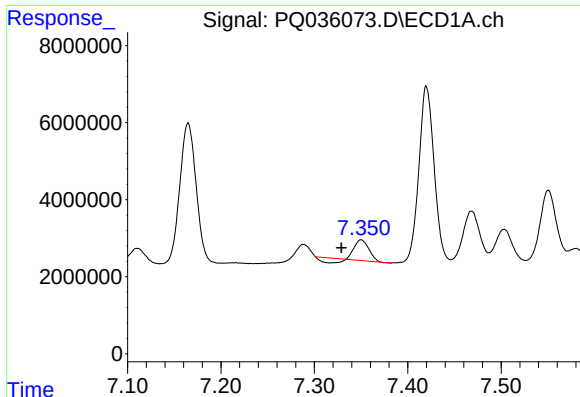
#28 AR-1254-3

R.T.: 7.059 min
Delta R.T.: 0.015 min
Response: 28269154
Conc: 110.10 ng/ml



#28 AR-1254-3

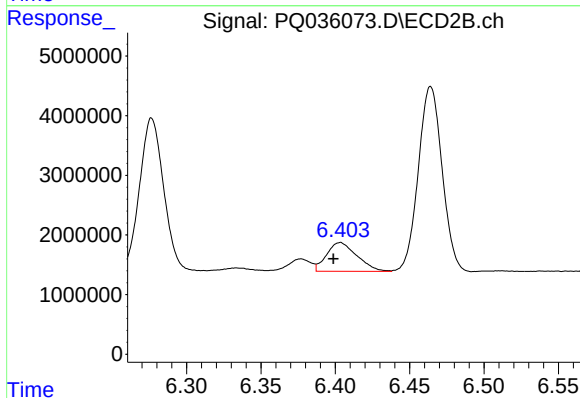
R.T.: 6.160 min
Delta R.T.: -0.011 min
Response: 20217529
Conc: 104.72 ng/ml



#29 AR-1254-4

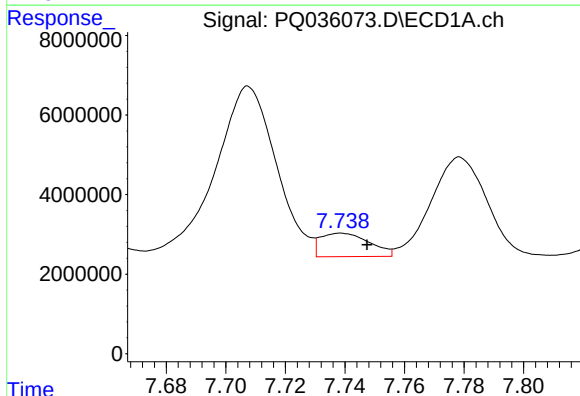
R.T.: 7.350 min
Delta R.T.: 0.021 min
Response: 4539450
Conc: 25.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



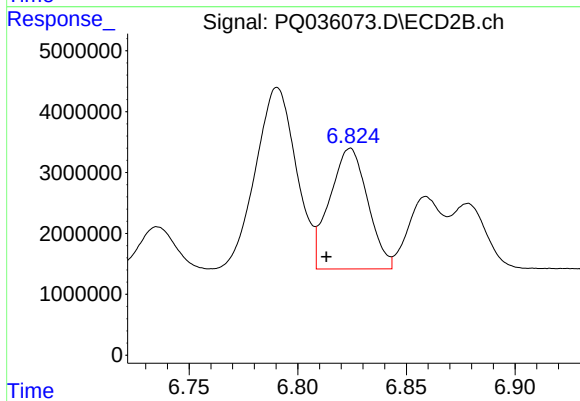
#29 AR-1254-4

R.T.: 6.403 min
Delta R.T.: 0.005 min
Response: 6884197
Conc: 57.20 ng/ml



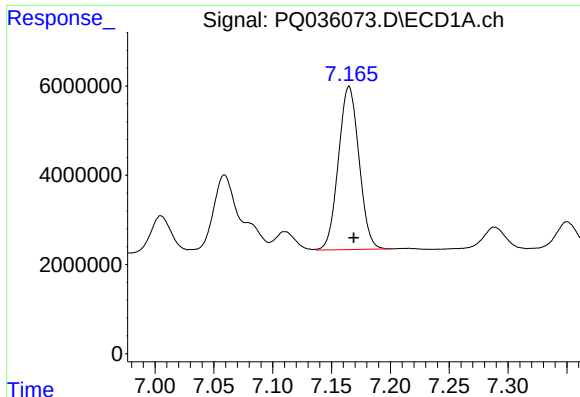
#30 AR-1254-5

R.T.: 7.739 min
Delta R.T.: -0.009 min
Response: 6773727
Conc: 34.53 ng/ml



#30 AR-1254-5

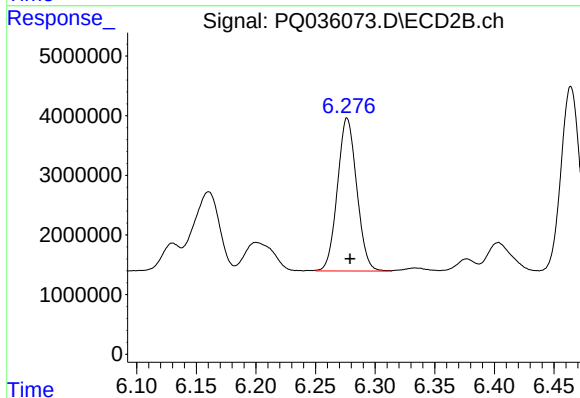
R.T.: 6.824 min
Delta R.T.: 0.011 min
Response: 24132008
Conc: 148.17 ng/ml



#31 AR-1260-1

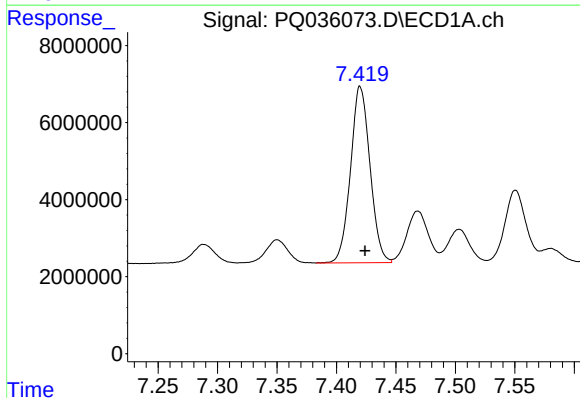
R.T.: 7.165 min
Delta R.T.: -0.004 min
Response: 44519145
Conc: 241.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



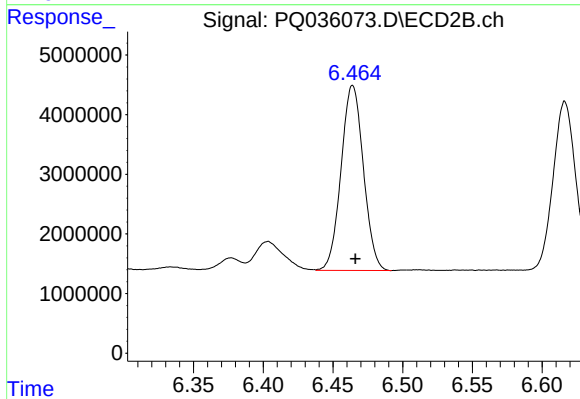
#31 AR-1260-1

R.T.: 6.277 min
Delta R.T.: -0.002 min
Response: 28935410
Conc: 230.03 ng/ml



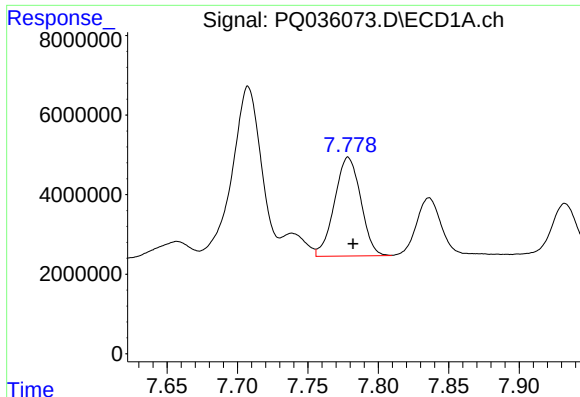
#32 AR-1260-2

R.T.: 7.420 min
Delta R.T.: -0.004 min
Response: 52258088
Conc: 240.51 ng/ml



#32 AR-1260-2

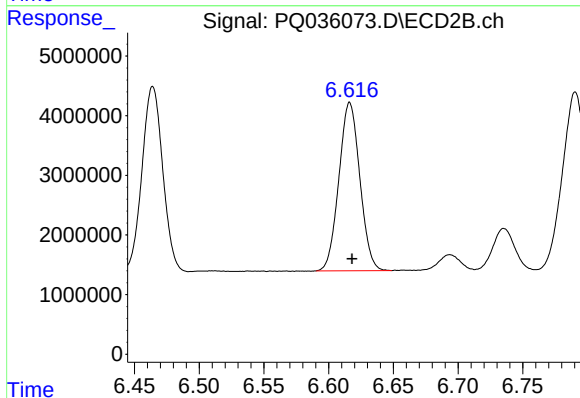
R.T.: 6.464 min
Delta R.T.: -0.002 min
Response: 34636832
Conc: 229.36 ng/ml



#33 AR-1260-3

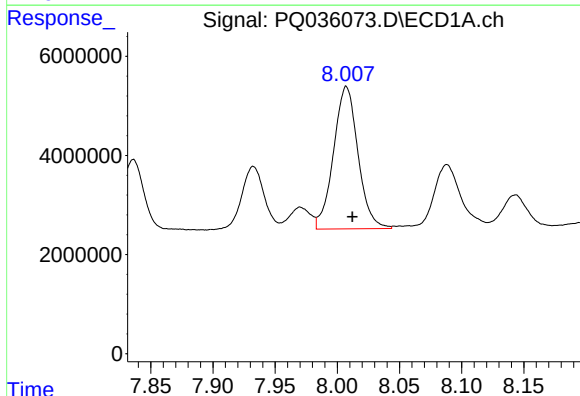
R.T.: 7.779 min
Delta R.T.: -0.003 min
Response: 32222282
Conc: 240.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



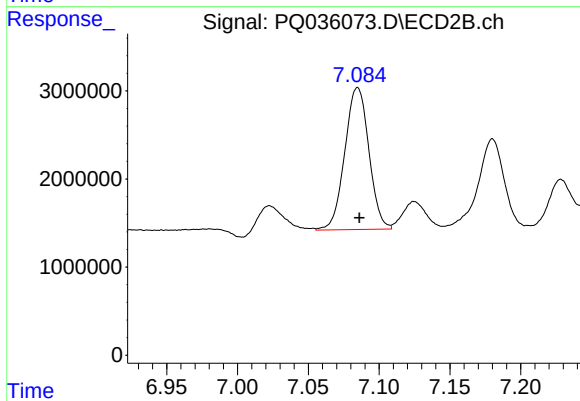
#33 AR-1260-3

R.T.: 6.616 min
Delta R.T.: -0.002 min
Response: 31805609
Conc: 227.61 ng/ml



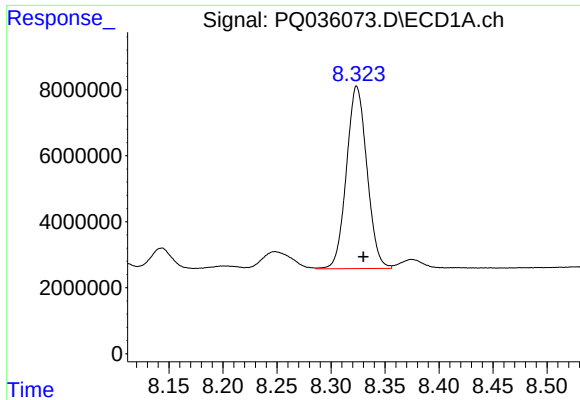
#34 AR-1260-4

R.T.: 8.007 min
Delta R.T.: -0.005 min
Response: 39433567
Conc: 239.27 ng/ml



#34 AR-1260-4

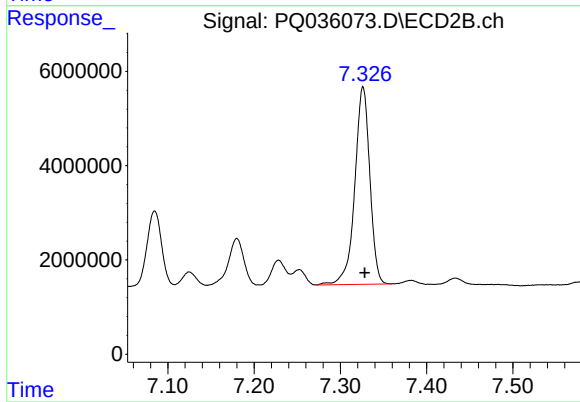
R.T.: 7.085 min
Delta R.T.: -0.001 min
Response: 19111996
Conc: 205.82 ng/ml



#35 AR-1260-5

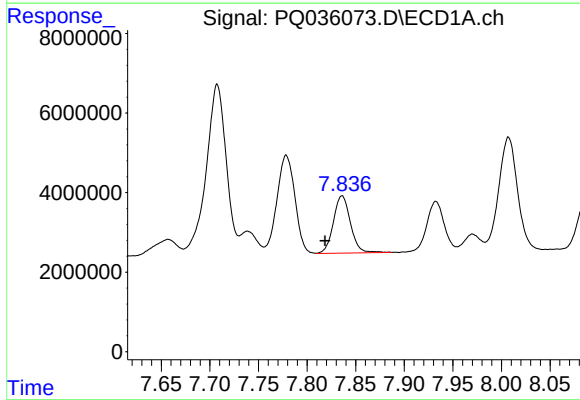
R.T.: 8.324 min
Delta R.T.: -0.006 min
Response: 73116826
Conc: 245.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



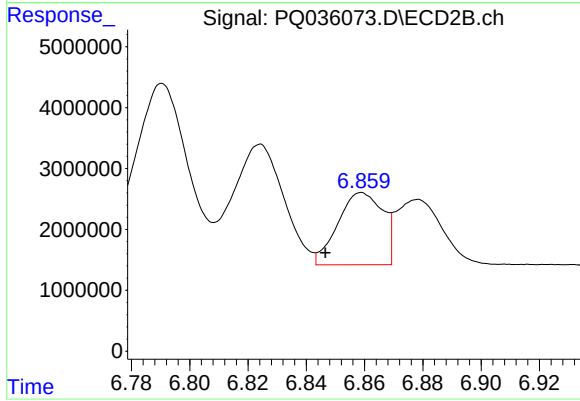
#35 AR-1260-5

R.T.: 7.326 min
Delta R.T.: -0.002 min
Response: 50720330
Conc: 226.03 ng/ml



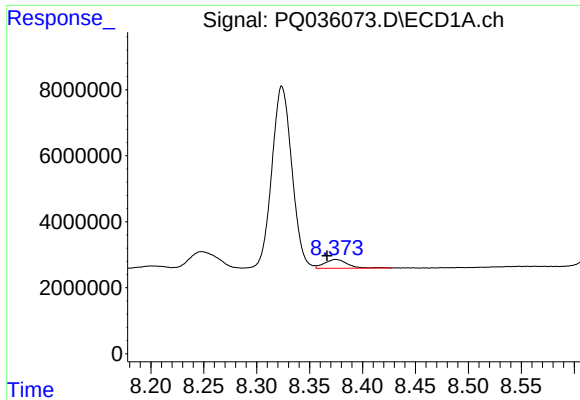
#36 AR-1262-1

R.T.: 7.836 min
Delta R.T.: 0.017 min
Response: 17616856
Conc: 80.41 ng/ml



#36 AR-1262-1

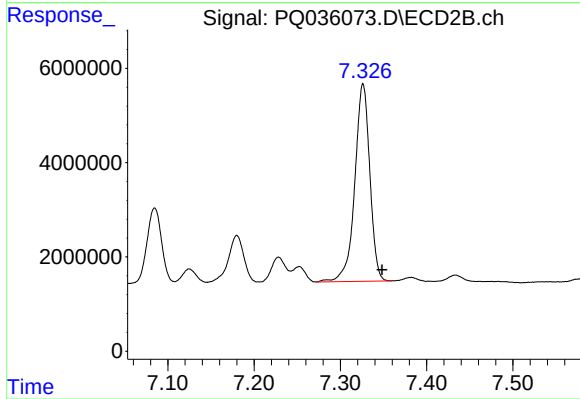
R.T.: 6.859 min
Delta R.T.: 0.012 min
Response: 12690676
Conc: 82.69 ng/ml



#37 AR-1262-2

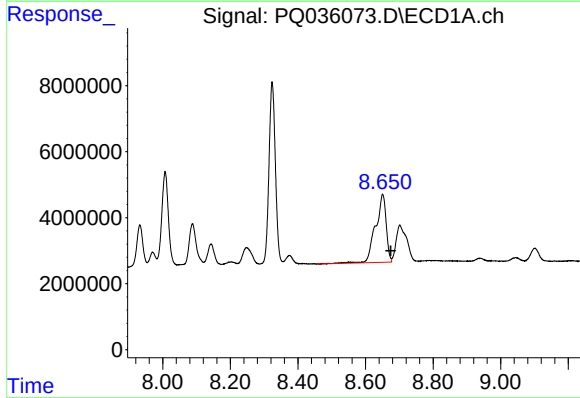
R.T.: 8.375 min
Delta R.T.: 0.008 min
Response: 4052319
Conc: 10.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



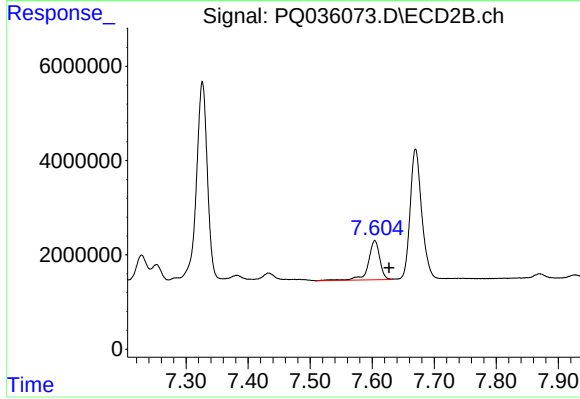
#37 AR-1262-2

R.T.: 7.326 min
Delta R.T.: -0.022 min
Response: 50720330
Conc: 190.06 ng/ml



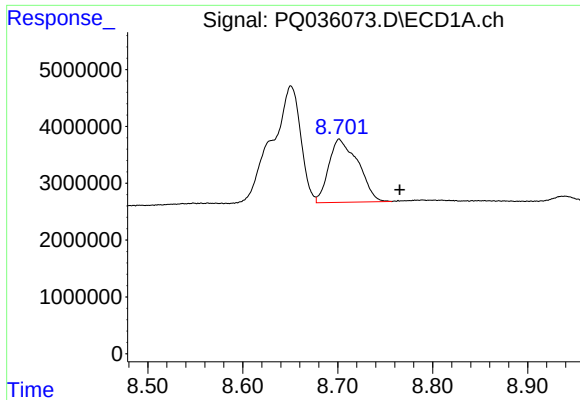
#38 AR-1262-3

R.T.: 8.651 min
Delta R.T.: -0.024 min
Response: 44836223
Conc: 186.51 ng/ml



#38 AR-1262-3

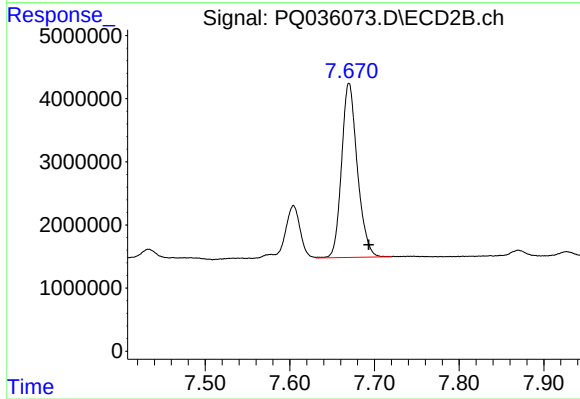
R.T.: 7.604 min
Delta R.T.: -0.023 min
Response: 10761871
Conc: 103.70 ng/ml



#39 AR-1262-4

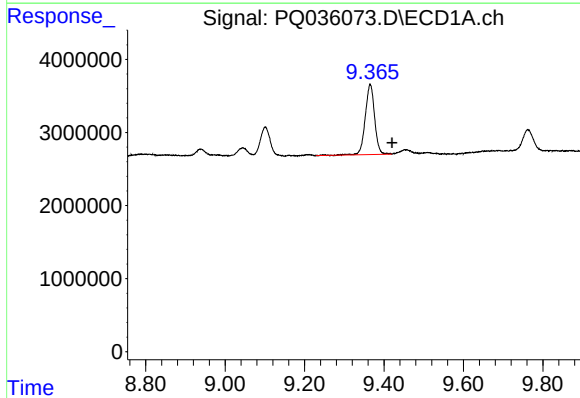
R.T.: 8.702 min
Delta R.T.: -0.064 min
Response: 23852780
Conc: 132.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



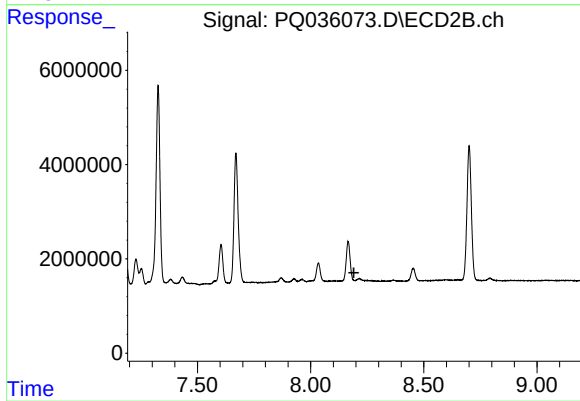
#39 AR-1262-4

R.T.: 7.670 min
Delta R.T.: -0.023 min
Response: 35686369
Conc: 192.65 ng/ml



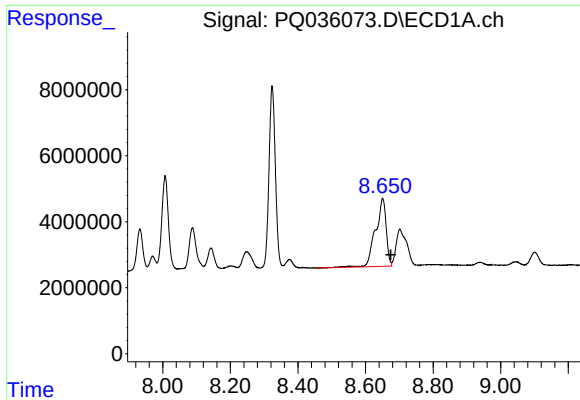
#40 AR-1262-5

R.T.: 9.365 min
Delta R.T.: -0.055 min
Response: 15694483
Conc: 137.81 ng/ml



#40 AR-1262-5

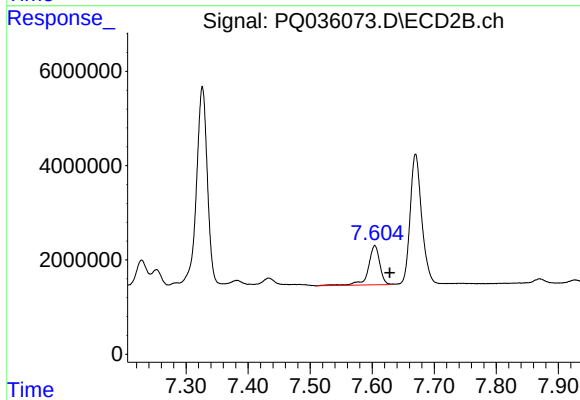
R.T.: 8.166 min
Delta R.T.: -0.025 min
Response: -2753410
Conc: N.D.



#41 AR-1268-1

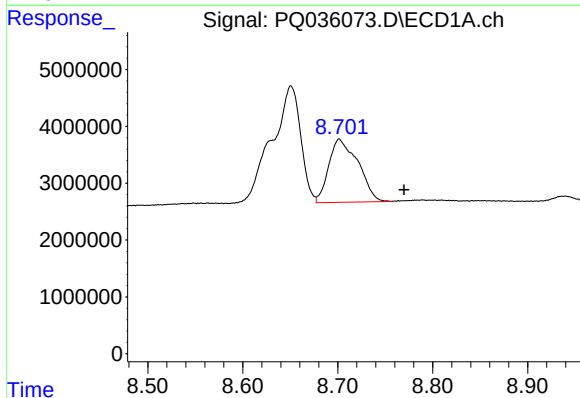
R.T.: 8.651 min
Delta R.T.: -0.024 min
Response: 44836223
Conc: 92.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



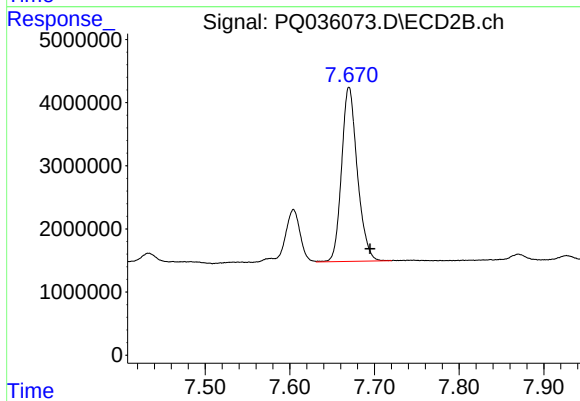
#41 AR-1268-1

R.T.: 7.604 min
Delta R.T.: -0.024 min
Response: 10761871
Conc: 32.27 ng/ml



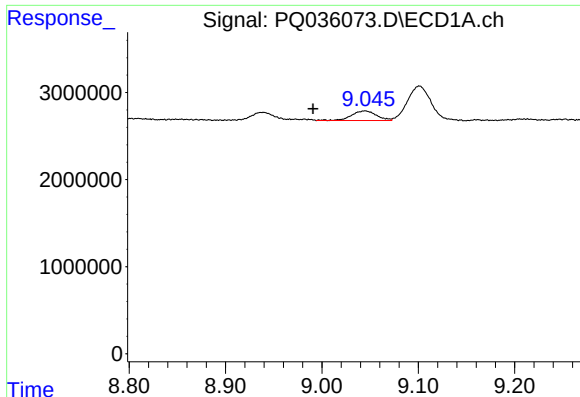
#42 AR-1268-2

R.T.: 8.702 min
Delta R.T.: -0.068 min
Response: 23852780
Conc: 55.28 ng/ml



#42 AR-1268-2

R.T.: 7.670 min
Delta R.T.: -0.025 min
Response: 35686369
Conc: 120.42 ng/ml



#43 AR-1268-3

R.T.: 9.045 min
Delta R.T.: 0.054 min
Response: 2011812
Conc: 5.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :

#43 AR-1268-3

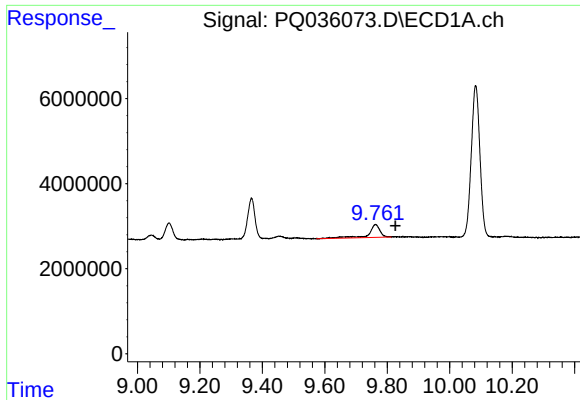
R.T.: 0.000 min
Exp R.T. : 7.896 min
Response: 0
Conc: N.D.

#44 AR-1268-4

R.T.: 9.365 min
Delta R.T.: -0.056 min
Response: 15694483
Conc: 114.48 ng/ml

#44 AR-1268-4

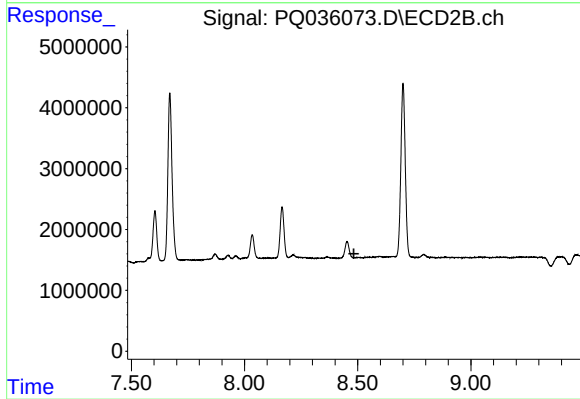
R.T.: 8.166 min
Delta R.T.: -0.027 min
Response: -2753410
Conc: N.D.



#45 AR-1268-5

R.T.: 9.762 min
Delta R.T.: -0.064 min
Response: 7338836
Conc: 6.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.483 min
Response: 0
Conc: N.D.