

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072419\
 Data File : PQ041479.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2019 17:18
 Operator : SM\AJ
 Sample : PB121616BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ALCS16

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 00:42:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 23 11:02:25 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...	5.702	4.759	63296405	52092760	16.535	17.329
2)	SA Decachlor...	12.112	10.524	339.5E6	168.9E6	32.823	37.060
Target Compounds							
3)	L1 AR-1016-1	7.148	6.214	17985729	16915911	103.051	115.615
4)	L1 AR-1016-2	7.173	6.236	26024800	22411021	98.683	107.672
5)	L1 AR-1016-3	7.244	6.451	15980028	11505923	98.780	101.907
6)	L1 AR-1016-4	7.357	6.505	14921818	9651306	110.722	105.866
7)	L1 AR-1016-5	7.691	6.757	12055193	12041019	90.593	100.191
10)	L2 AR-1221-3	6.187	5.289	7143776	6723191	59.248	63.460
11)	L3 AR-1232-1	6.187	5.289	7143776	6723191	79.622	88.623
12)	L3 AR-1232-2	6.832	6.236	10708146	22411021	216.853	239.894
13)	L3 AR-1232-3	7.173	6.451	26024800	11505923	229.940	239.044
14)	L3 AR-1232-4	7.357	6.554	14921818	11679980	252.450	270.905
15)	L3 AR-1232-5	7.464	6.757	13245685	12041019	358.914	248.928 #
16)	L4 AR-1242-1	7.148	6.214	17985729	16915911	143.588	160.282
17)	L4 AR-1242-2	7.173	6.236	26024800	22411021	136.661	144.525
18)	L4 AR-1242-3	7.244	6.451	15980028	11505923	135.156	137.874
19)	L4 AR-1242-4	7.357	6.554	14921818	11679980	152.236	143.401
20)	L4 AR-1242-5	0.000	7.167	0	9840175	N.D.	78.829 #
21)	L5 AR-1248-1	7.148	6.214	17985729	16915911	193.899	210.611
22)	L5 AR-1248-2	7.464	6.505	13245685	9651306	107.638	86.161
23)	L5 AR-1248-3	7.691	6.554	12055193	11679980	76.767	101.189 #
24)	L5 AR-1248-4	8.110	6.757	8346993	12041019	38.642	83.182 #
25)	L5 AR-1248-5	0.000	7.167	0	9840175	N.D.	58.474 #
26)	L6 AR-1254-1	8.110	7.167	8346993	9840175	41.179	38.694
27)	L6 AR-1254-2	8.347	7.334	11900134	10953735	34.454	47.877 #
28)	L6 AR-1254-3	8.741	7.799	7502218	20763645	18.104	51.156 #
29)	L6 AR-1254-4	9.044	8.031	6479157	3088338	17.902	11.305 #
30)	L6 AR-1254-5	9.482	8.477	54857627	46496497	136.622	116.453
31)	L7 AR-1260-1	8.914	7.924	30000864	30141948	99.303	113.335
32)	L7 AR-1260-2	9.186	8.127	44312911	41444822	96.675	114.220
33)	L7 AR-1260-3	9.561	8.292	33964154	34703384	79.993	110.513 #
34)	L7 AR-1260-4	9.804	8.791	36359396	26909751	86.375	94.526
35)	L7 AR-1260-5	10.152	9.042	100.7E6	77099227	94.254	103.686
36)	L8 AR-1262-1	9.622	8.575	19343577	20978679	78.788	109.071 #
37)	L8 AR-1262-2	10.152	9.042	100.7E6	77099227	82.935	91.768
38)	L8 AR-1262-3	10.508	9.336	147.7E6	15559445	177.284	44.238 #
39)	L8 AR-1262-4	10.568	9.403	69016010	53573806	105.939	91.157
40)	L8 AR-1262-5	11.299	9.927	26935986	16843075	58.925	70.193
41)	L9 AR-1268-1	10.508	9.336	147.7E6	15559445	81.871	13.618 #
42)	L9 AR-1268-2	10.568	9.403	69016010	53573806	43.253	55.132 #
43)	L9 AR-1268-3	10.836	9.618	64412983	3328291	45.820	4.170 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072419\
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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2019 17:18
 Operator : SM\AJ
 Sample : PB121616BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

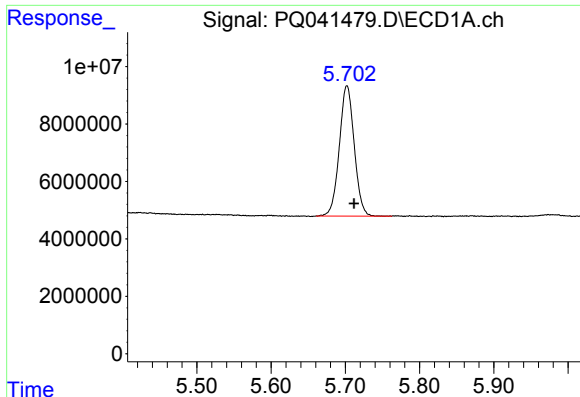
Instrument :
 ECD_Q
 ClientSampleId :
 ALCS16

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 00:42:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 23 11:02:25 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
44) L9	AR-1268-4	11.299	9.927	26935986	16843075	47.452	54.886
45) L9	AR-1268-5	11.746	10.245	10265140	5841065	2.370	2.956

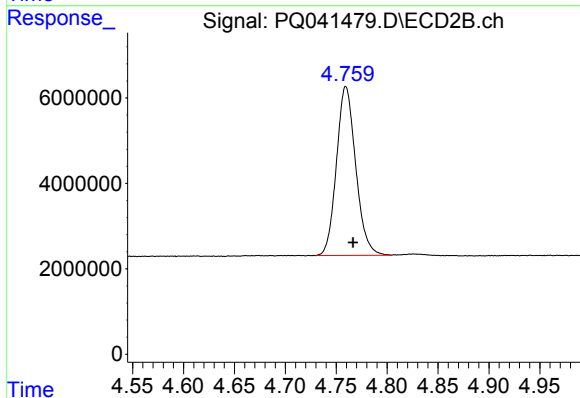
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

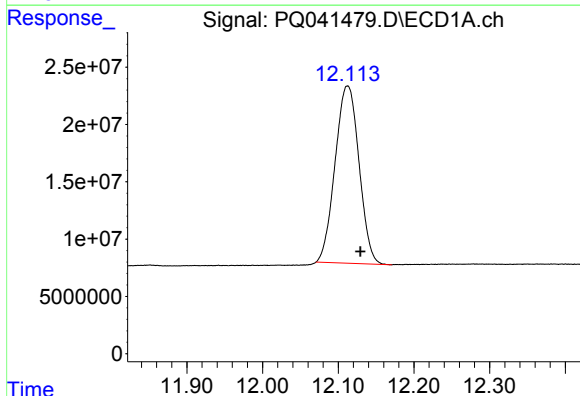
R.T.: 5.702 min
Delta R.T.: -0.010 min
Response: 63296405
Conc: 16.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS16



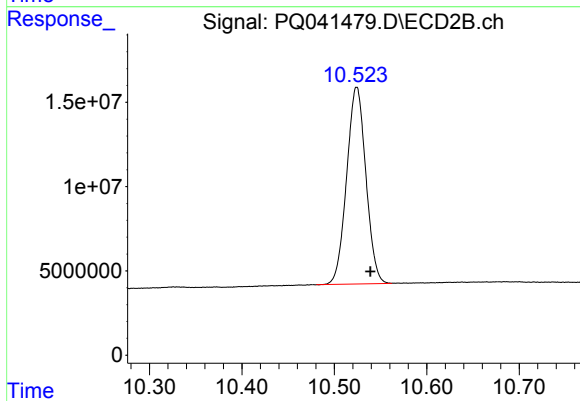
#1 Tetrachloro-m-xylene

R.T.: 4.759 min
Delta R.T.: -0.007 min
Response: 52092760
Conc: 17.33 ng/ml



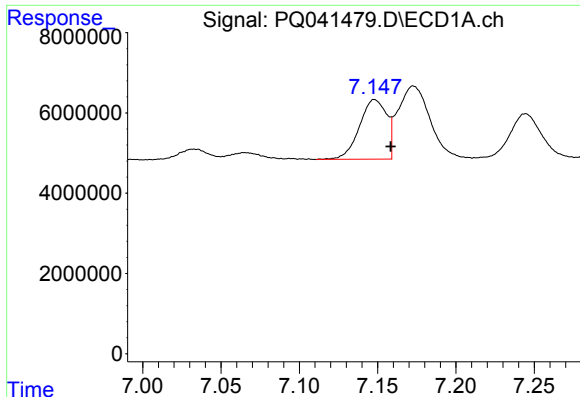
#2 Decachlorobiphenyl

R.T.: 12.112 min
Delta R.T.: -0.017 min
Response: 339511005
Conc: 32.82 ng/ml



#2 Decachlorobiphenyl

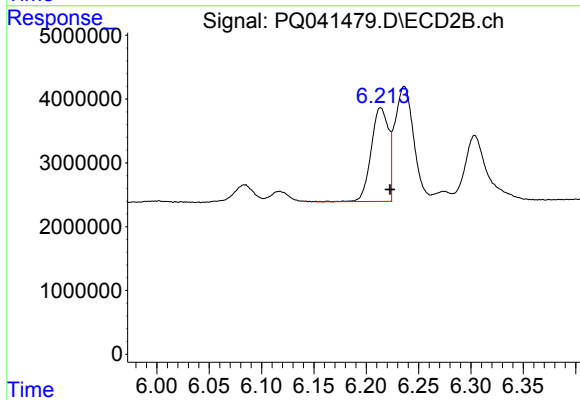
R.T.: 10.524 min
Delta R.T.: -0.015 min
Response: 168872623
Conc: 37.06 ng/ml



#3 AR-1016-1

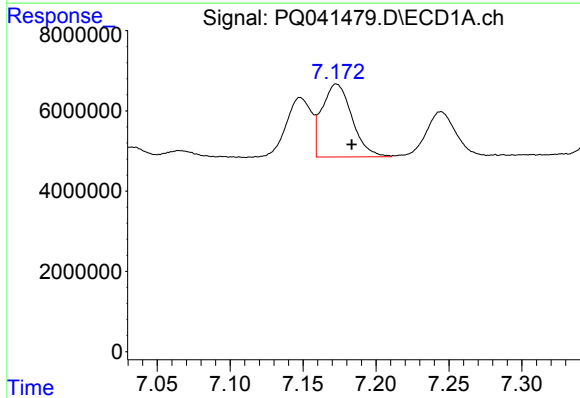
R.T.: 7.148 min
Delta R.T.: -0.010 min
Response: 17985729
Conc: 103.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS16



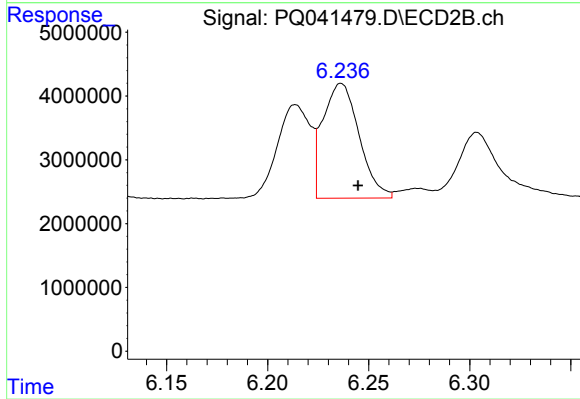
#3 AR-1016-1

R.T.: 6.214 min
Delta R.T.: -0.009 min
Response: 16915911
Conc: 115.61 ng/ml



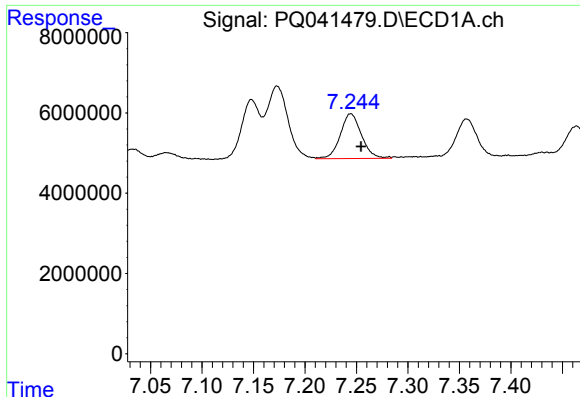
#4 AR-1016-2

R.T.: 7.173 min
Delta R.T.: -0.010 min
Response: 26024800
Conc: 98.68 ng/ml



#4 AR-1016-2

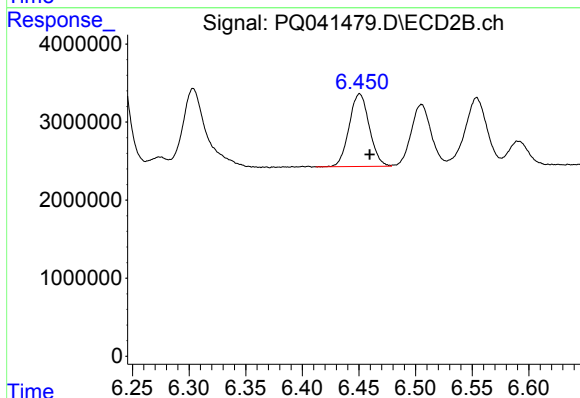
R.T.: 6.236 min
Delta R.T.: -0.008 min
Response: 22411021
Conc: 107.67 ng/ml



#5 AR-1016-3

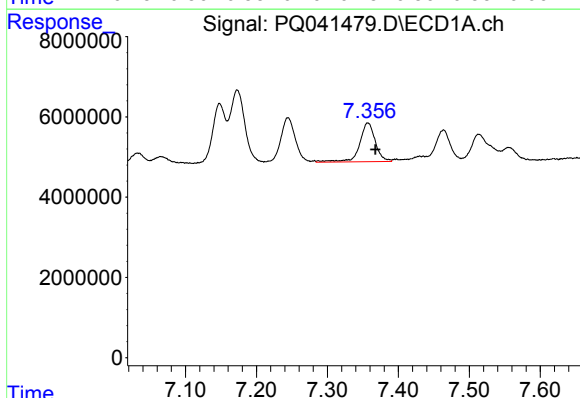
R.T.: 7.244 min
Delta R.T.: -0.010 min
Response: 15980028
Conc: 98.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS16



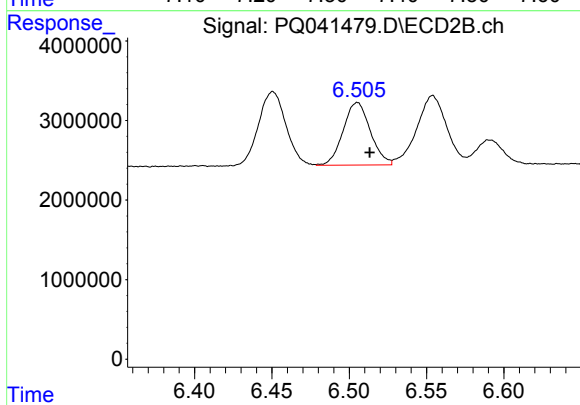
#5 AR-1016-3

R.T.: 6.451 min
Delta R.T.: -0.009 min
Response: 11505923
Conc: 101.91 ng/ml



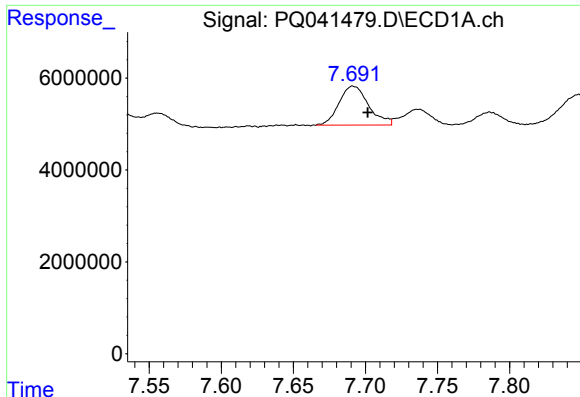
#6 AR-1016-4

R.T.: 7.357 min
Delta R.T.: -0.011 min
Response: 14921818
Conc: 110.72 ng/ml



#6 AR-1016-4

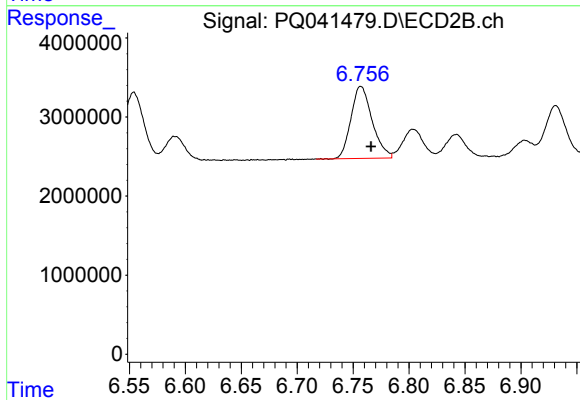
R.T.: 6.505 min
Delta R.T.: -0.008 min
Response: 9651306
Conc: 105.87 ng/ml



#7 AR-1016-5

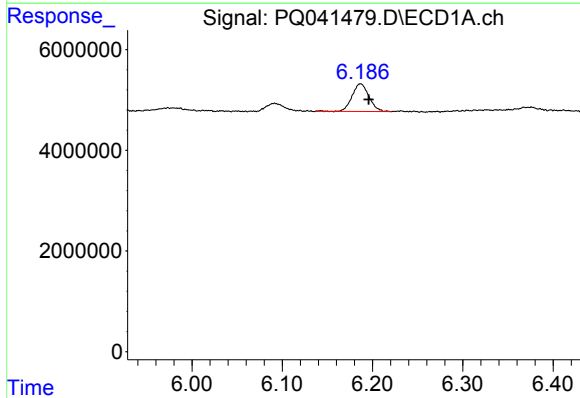
R.T.: 7.691 min
Delta R.T.: -0.010 min
Response: 12055193
Conc: 90.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS16



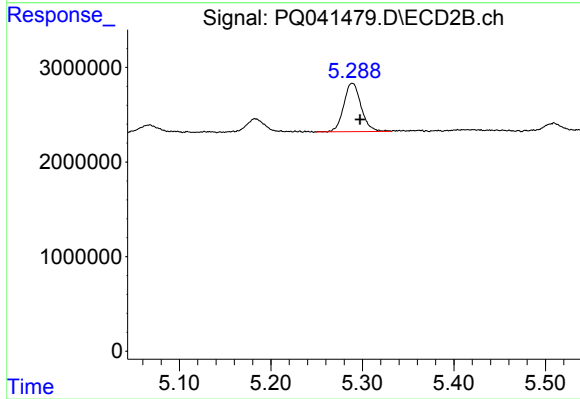
#7 AR-1016-5

R.T.: 6.757 min
Delta R.T.: -0.009 min
Response: 12041019
Conc: 100.19 ng/ml



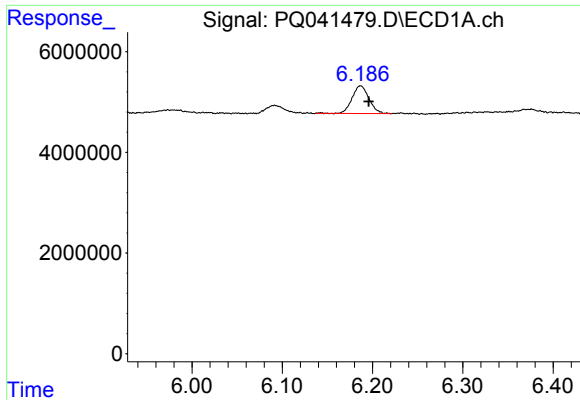
#10 AR-1221-3

R.T.: 6.187 min
Delta R.T.: -0.009 min
Response: 7143776
Conc: 59.25 ng/ml



#10 AR-1221-3

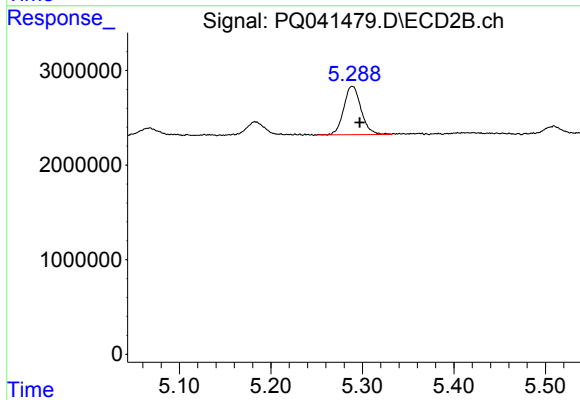
R.T.: 5.289 min
Delta R.T.: -0.008 min
Response: 6723191
Conc: 63.46 ng/ml



#11 AR-1232-1

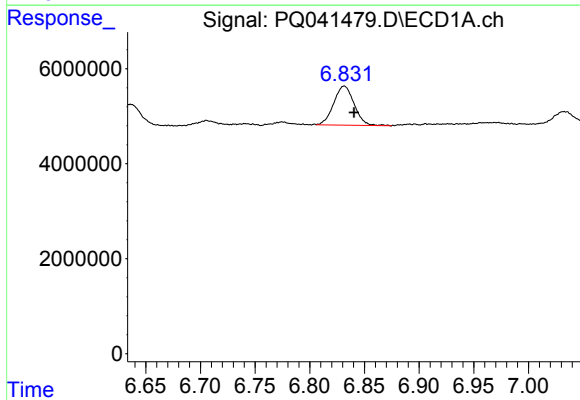
R.T.: 6.187 min
Delta R.T.: -0.009 min
Response: 7143776
Conc: 79.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS16



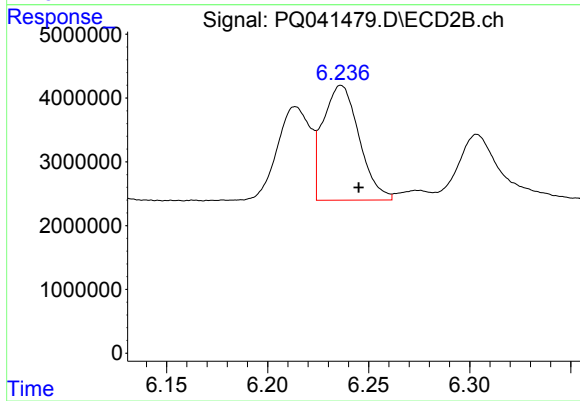
#11 AR-1232-1

R.T.: 5.289 min
Delta R.T.: -0.008 min
Response: 6723191
Conc: 88.62 ng/ml



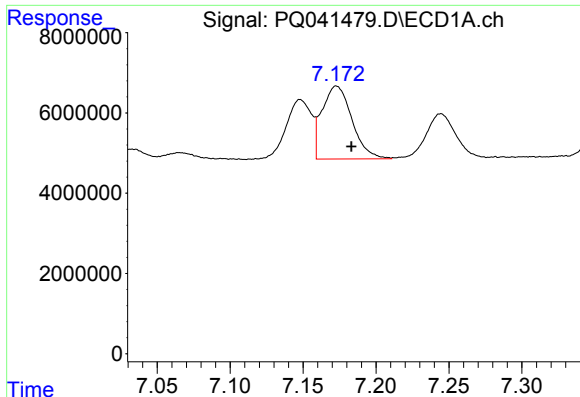
#12 AR-1232-2

R.T.: 6.832 min
Delta R.T.: -0.009 min
Response: 10708146
Conc: 216.85 ng/ml



#12 AR-1232-2

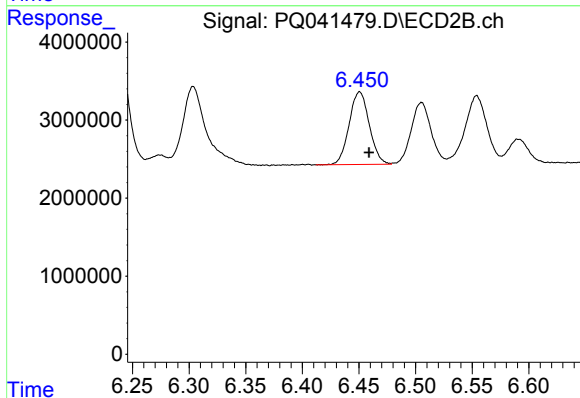
R.T.: 6.236 min
Delta R.T.: -0.009 min
Response: 22411021
Conc: 239.89 ng/ml



#13 AR-1232-3

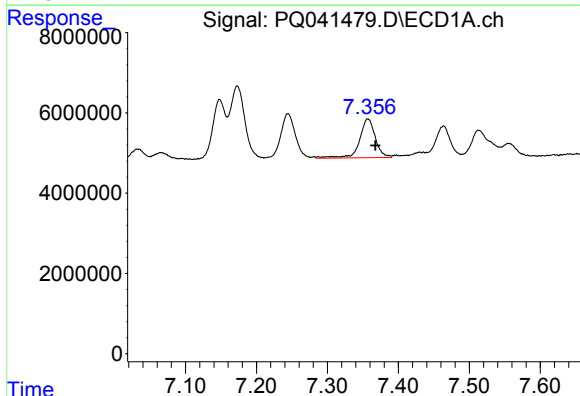
R.T.: 7.173 min
Delta R.T.: -0.010 min
Response: 26024800
Conc: 229.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS16



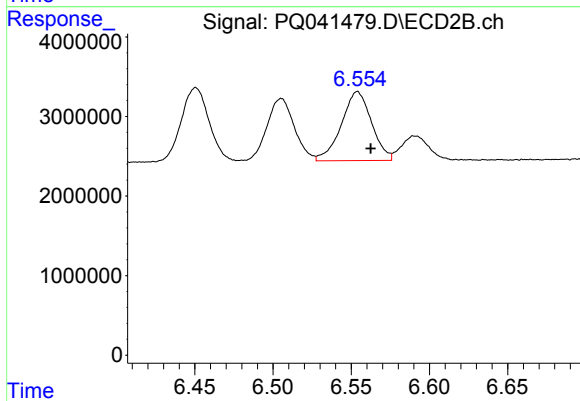
#13 AR-1232-3

R.T.: 6.451 min
Delta R.T.: -0.008 min
Response: 11505923
Conc: 239.04 ng/ml



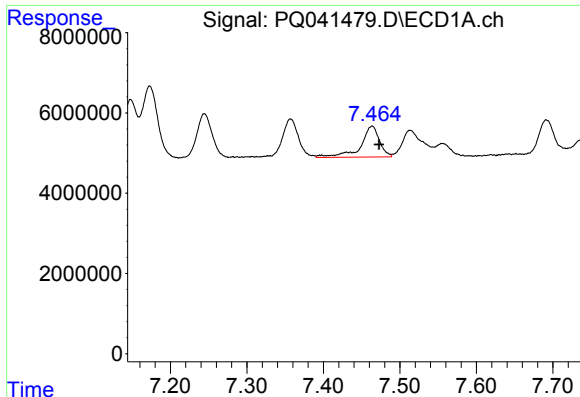
#14 AR-1232-4

R.T.: 7.357 min
Delta R.T.: -0.011 min
Response: 14921818
Conc: 252.45 ng/ml



#14 AR-1232-4

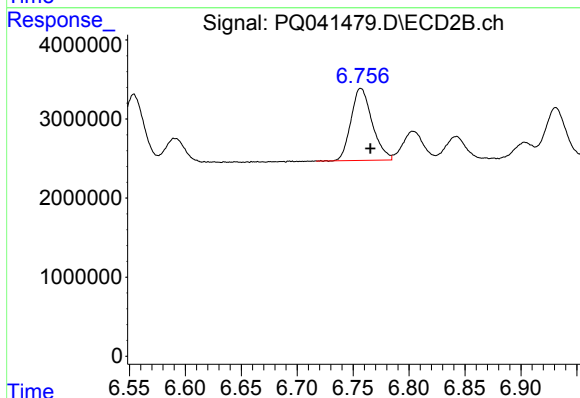
R.T.: 6.554 min
Delta R.T.: -0.009 min
Response: 11679980
Conc: 270.90 ng/ml



#15 AR-1232-5

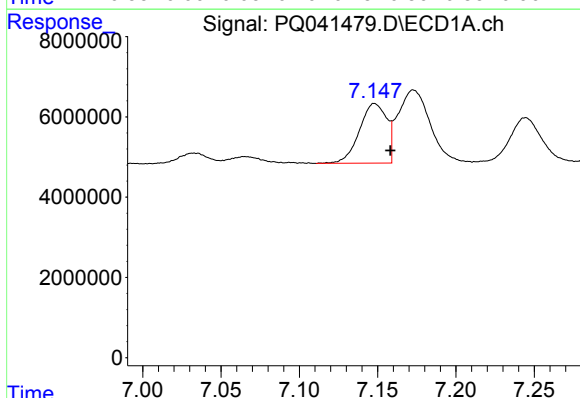
R.T.: 7.464 min
Delta R.T.: -0.009 min
Response: 13245685
Conc: 358.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS16



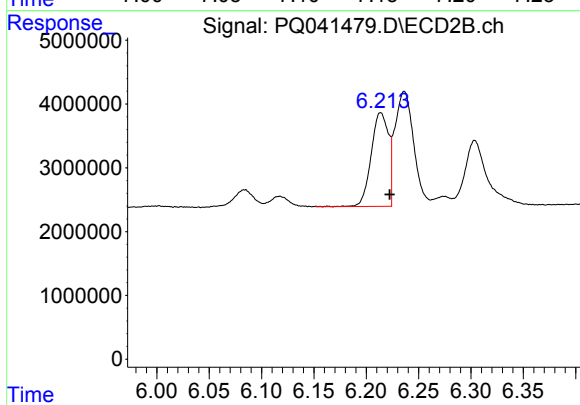
#15 AR-1232-5

R.T.: 6.757 min
Delta R.T.: -0.009 min
Response: 12041019
Conc: 248.93 ng/ml



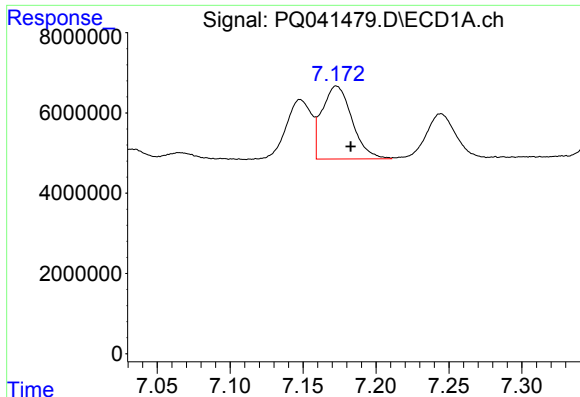
#16 AR-1242-1

R.T.: 7.148 min
Delta R.T.: -0.010 min
Response: 17985729
Conc: 143.59 ng/ml



#16 AR-1242-1

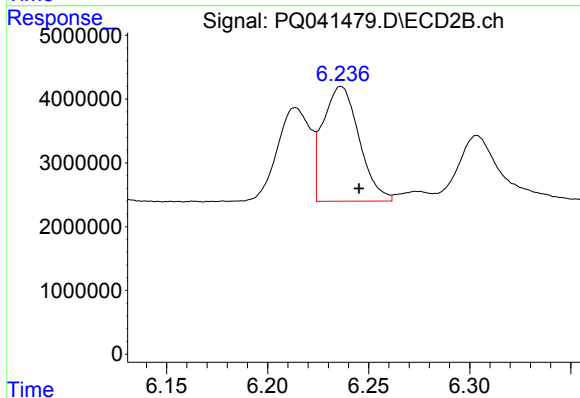
R.T.: 6.214 min
Delta R.T.: -0.009 min
Response: 16915911
Conc: 160.28 ng/ml



#17 AR-1242-2

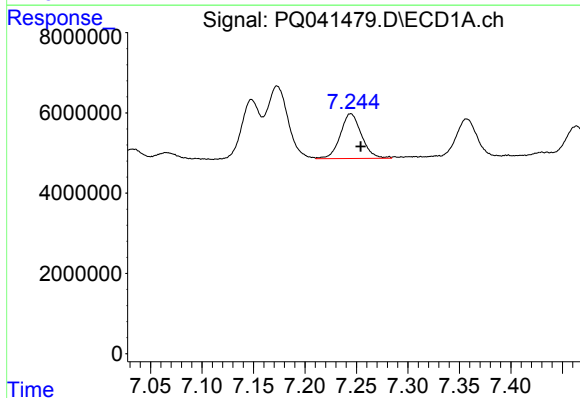
R.T.: 7.173 min
Delta R.T.: -0.010 min
Response: 26024800
Conc: 136.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS16



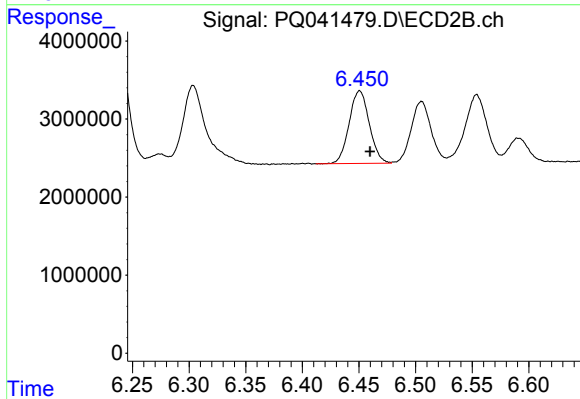
#17 AR-1242-2

R.T.: 6.236 min
Delta R.T.: -0.009 min
Response: 22411021
Conc: 144.53 ng/ml



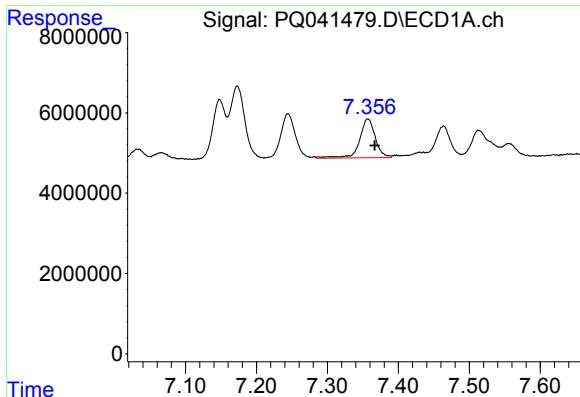
#18 AR-1242-3

R.T.: 7.244 min
Delta R.T.: -0.010 min
Response: 15980028
Conc: 135.16 ng/ml



#18 AR-1242-3

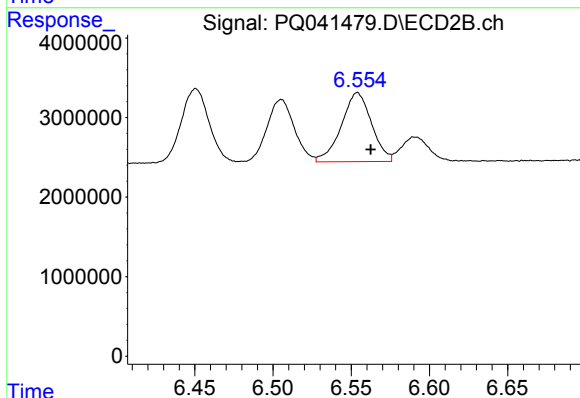
R.T.: 6.451 min
Delta R.T.: -0.009 min
Response: 11505923
Conc: 137.87 ng/ml



#19 AR-1242-4

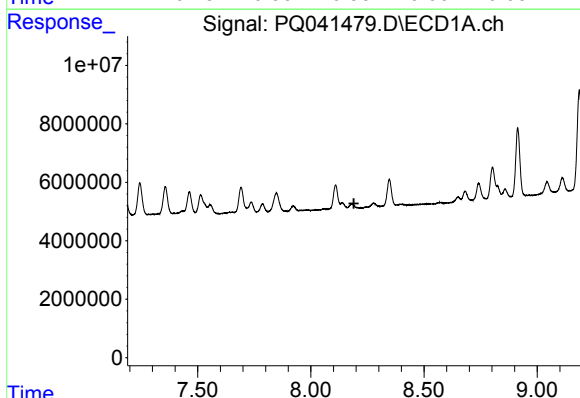
R.T.: 7.357 min
Delta R.T.: -0.010 min
Response: 14921818
Conc: 152.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS16



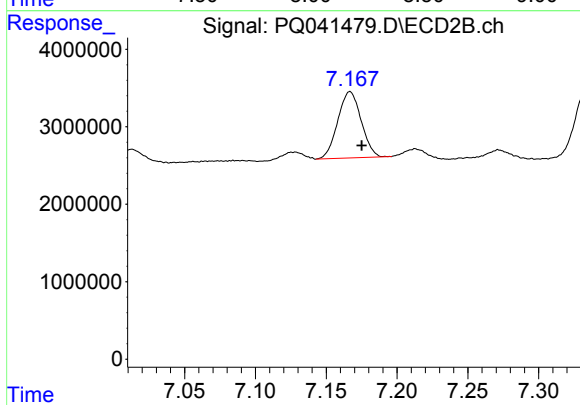
#19 AR-1242-4

R.T.: 6.554 min
Delta R.T.: -0.008 min
Response: 11679980
Conc: 143.40 ng/ml



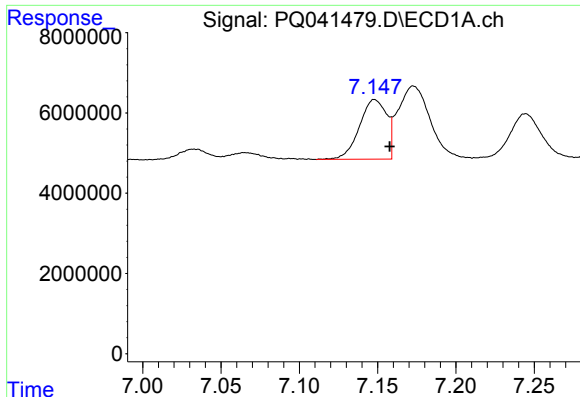
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 8.190 min
Response: 0
Conc: N.D.



#20 AR-1242-5

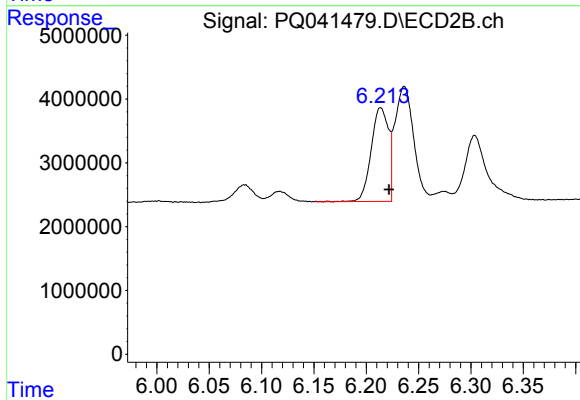
R.T.: 7.167 min
Delta R.T.: -0.008 min
Response: 9840175
Conc: 78.83 ng/ml



#21 AR-1248-1

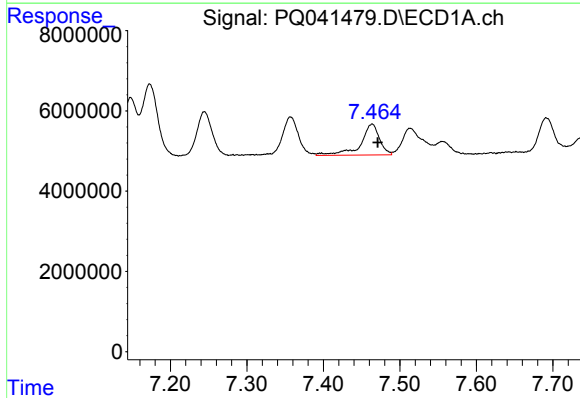
R.T.: 7.148 min
Delta R.T.: -0.010 min
Response: 17985729
Conc: 193.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS16



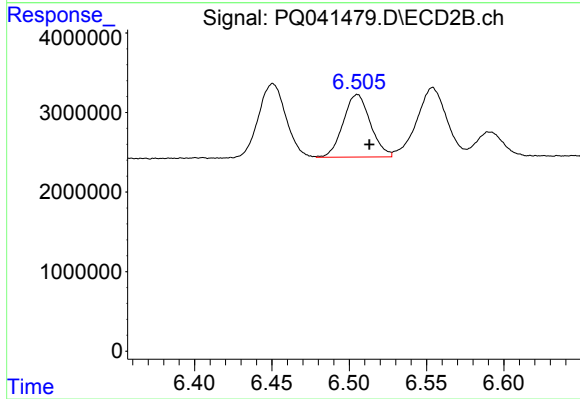
#21 AR-1248-1

R.T.: 6.214 min
Delta R.T.: -0.008 min
Response: 16915911
Conc: 210.61 ng/ml



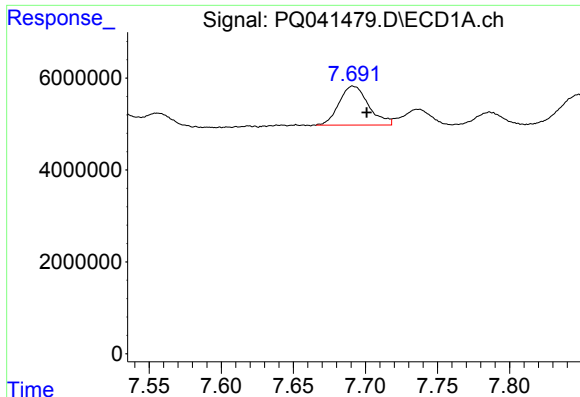
#22 AR-1248-2

R.T.: 7.464 min
Delta R.T.: -0.007 min
Response: 13245685
Conc: 107.64 ng/ml



#22 AR-1248-2

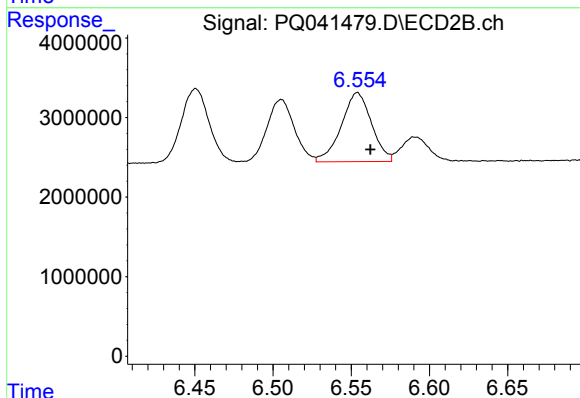
R.T.: 6.505 min
Delta R.T.: -0.008 min
Response: 9651306
Conc: 86.16 ng/ml



#23 AR-1248-3

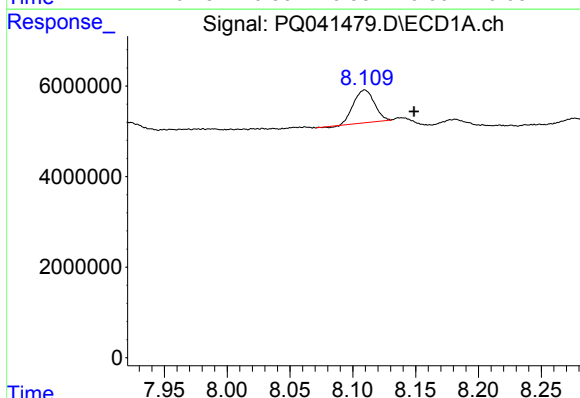
R.T.: 7.691 min
Delta R.T.: -0.009 min
Response: 12055193
Conc: 76.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS16



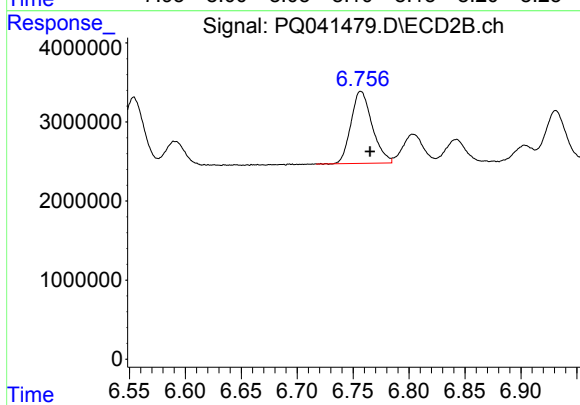
#23 AR-1248-3

R.T.: 6.554 min
Delta R.T.: -0.008 min
Response: 11679980
Conc: 101.19 ng/ml



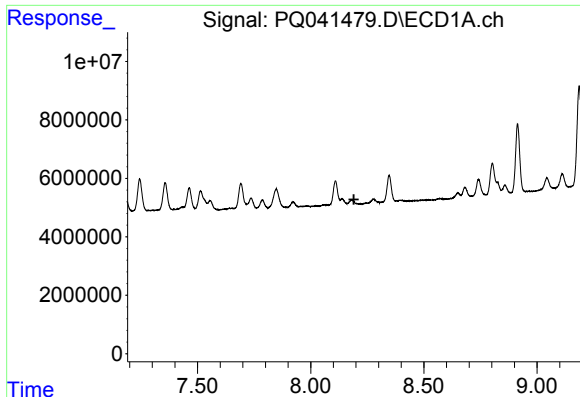
#24 AR-1248-4

R.T.: 8.110 min
Delta R.T.: -0.039 min
Response: 8346993
Conc: 38.64 ng/ml



#24 AR-1248-4

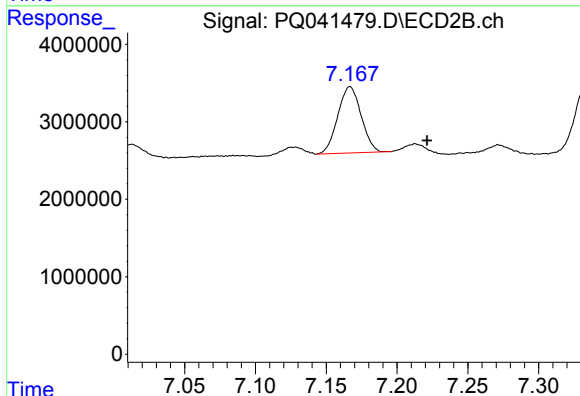
R.T.: 6.757 min
Delta R.T.: -0.008 min
Response: 12041019
Conc: 83.18 ng/ml



#25 AR-1248-5

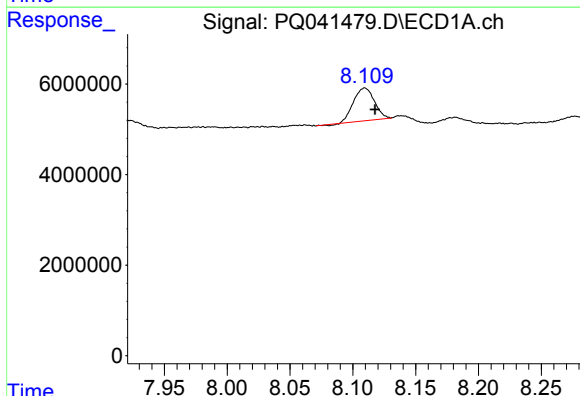
R.T.: 0.000 min
Exp R.T.: 8.191 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ALCS16



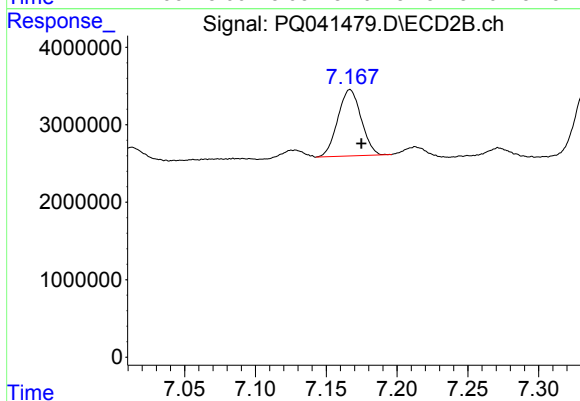
#25 AR-1248-5

R.T.: 7.167 min
Delta R.T.: -0.054 min
Response: 9840175
Conc: 58.47 ng/ml



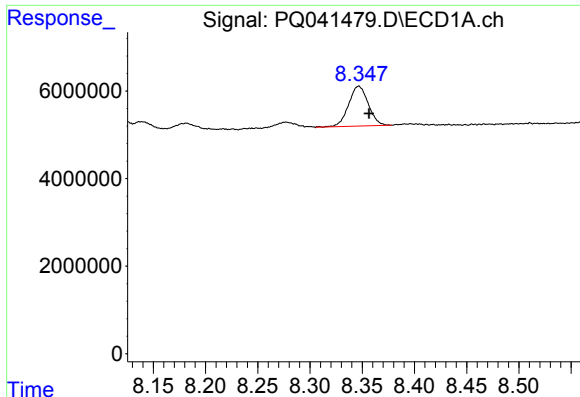
#26 AR-1254-1

R.T.: 8.110 min
Delta R.T.: -0.008 min
Response: 8346993
Conc: 41.18 ng/ml



#26 AR-1254-1

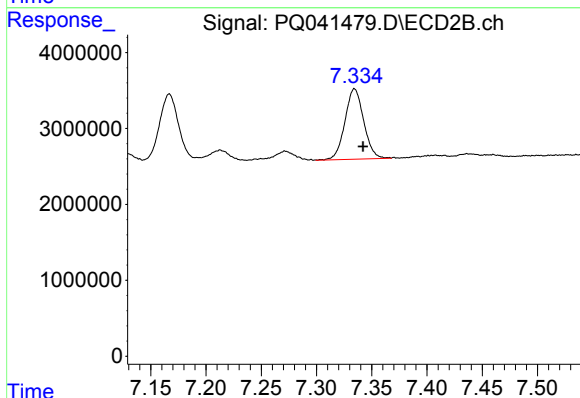
R.T.: 7.167 min
Delta R.T.: -0.008 min
Response: 9840175
Conc: 38.69 ng/ml



#27 AR-1254-2

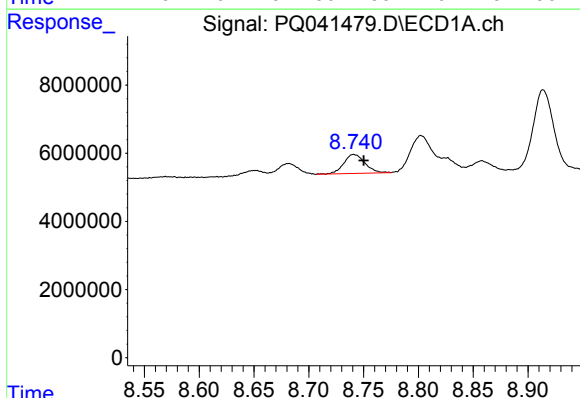
R.T.: 8.347 min
Delta R.T.: -0.010 min
Response: 11900134
Conc: 34.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS16



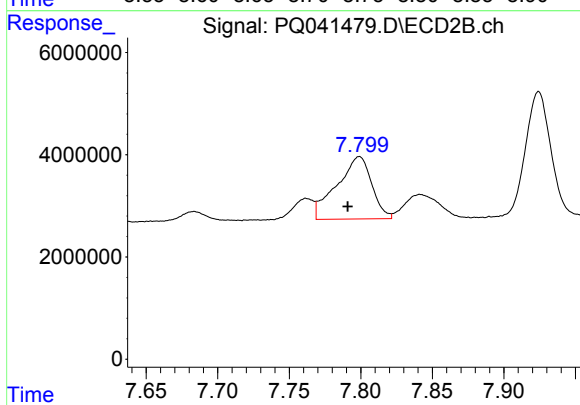
#27 AR-1254-2

R.T.: 7.334 min
Delta R.T.: -0.008 min
Response: 10953735
Conc: 47.88 ng/ml



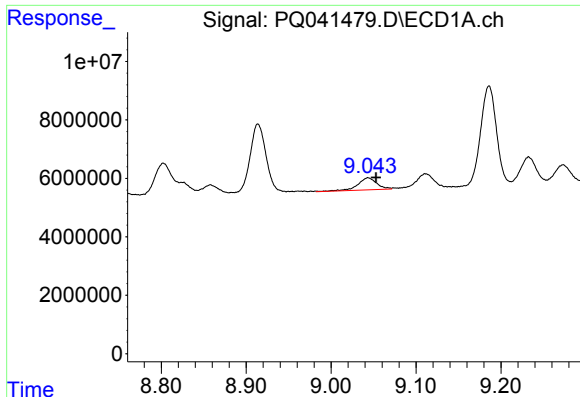
#28 AR-1254-3

R.T.: 8.741 min
Delta R.T.: -0.009 min
Response: 7502218
Conc: 18.10 ng/ml



#28 AR-1254-3

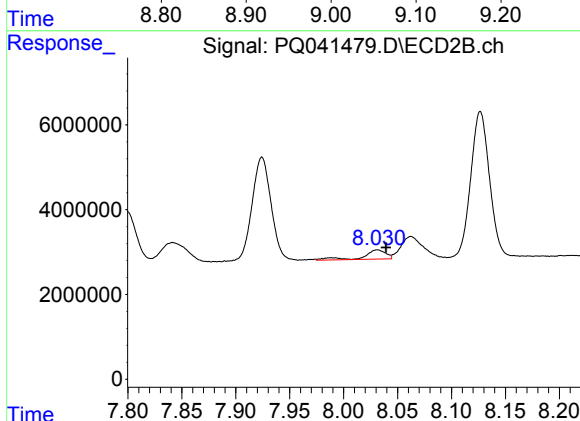
R.T.: 7.799 min
Delta R.T.: 0.008 min
Response: 20763645
Conc: 51.16 ng/ml



#29 AR-1254-4

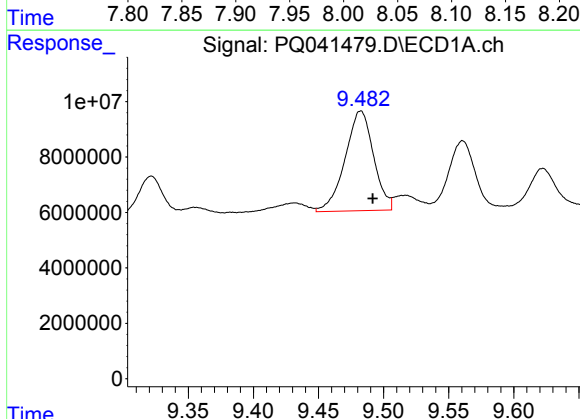
R.T.: 9.044 min
Delta R.T.: -0.009 min
Response: 6479157
Conc: 17.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS16



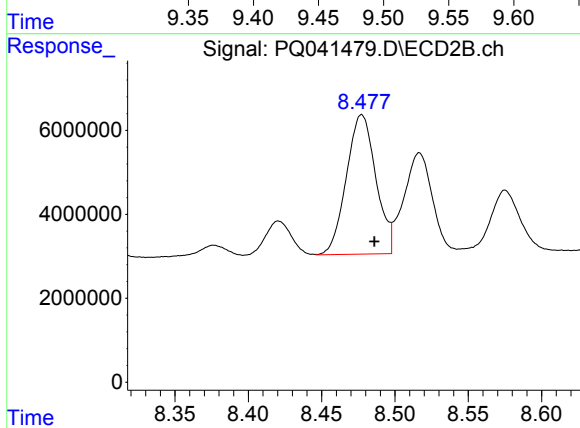
#29 AR-1254-4

R.T.: 8.031 min
Delta R.T.: -0.008 min
Response: 3088338
Conc: 11.30 ng/ml



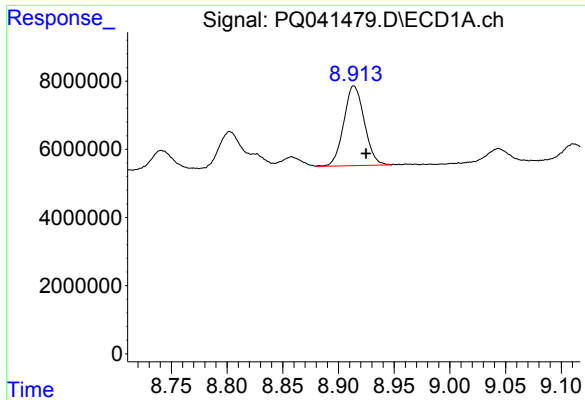
#30 AR-1254-5

R.T.: 9.482 min
Delta R.T.: -0.009 min
Response: 54857627
Conc: 136.62 ng/ml



#30 AR-1254-5

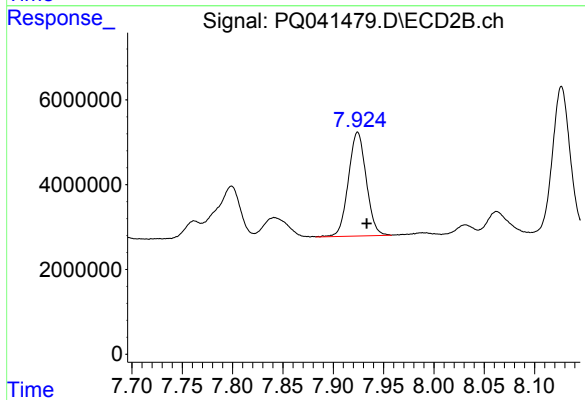
R.T.: 8.477 min
Delta R.T.: -0.009 min
Response: 46496497
Conc: 116.45 ng/ml



#31 AR-1260-1

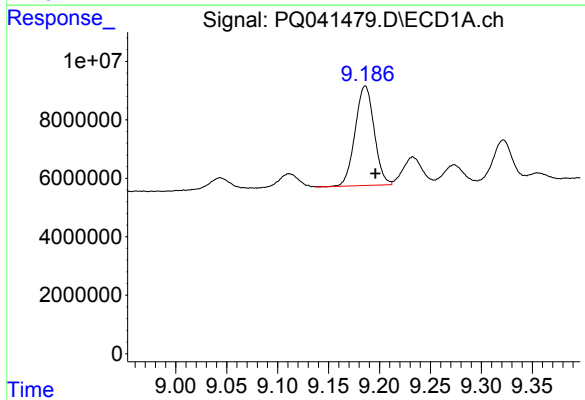
R.T.: 8.914 min
Delta R.T.: -0.011 min
Response: 30000864
Conc: 99.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS16



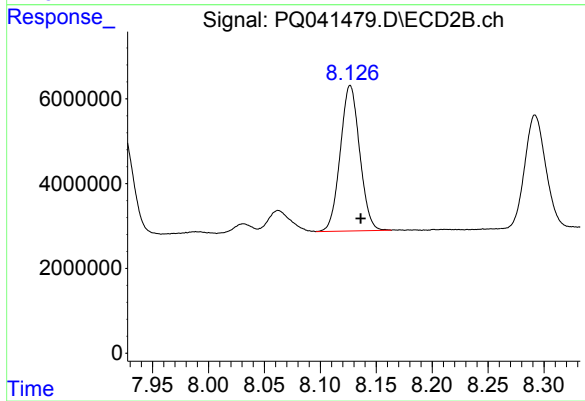
#31 AR-1260-1

R.T.: 7.924 min
Delta R.T.: -0.009 min
Response: 30141948
Conc: 113.33 ng/ml



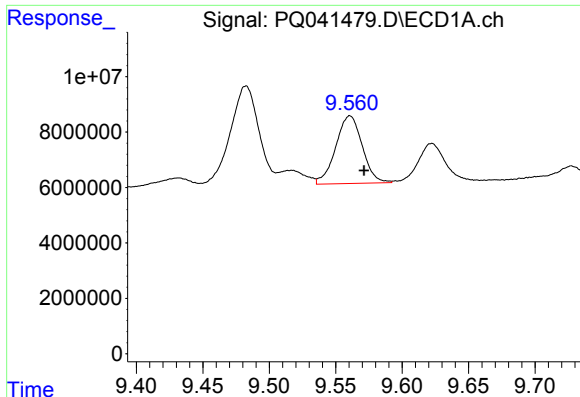
#32 AR-1260-2

R.T.: 9.186 min
Delta R.T.: -0.010 min
Response: 44312911
Conc: 96.68 ng/ml



#32 AR-1260-2

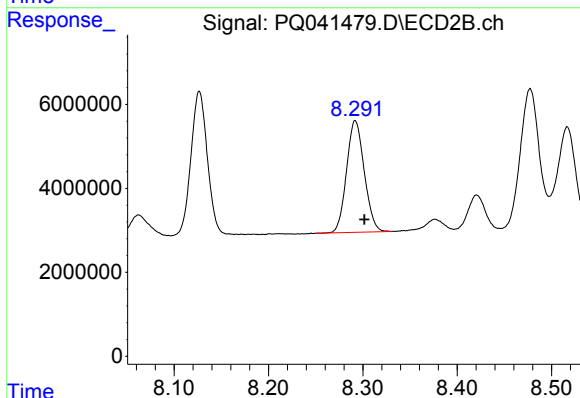
R.T.: 8.127 min
Delta R.T.: -0.009 min
Response: 41444822
Conc: 114.22 ng/ml



#33 AR-1260-3

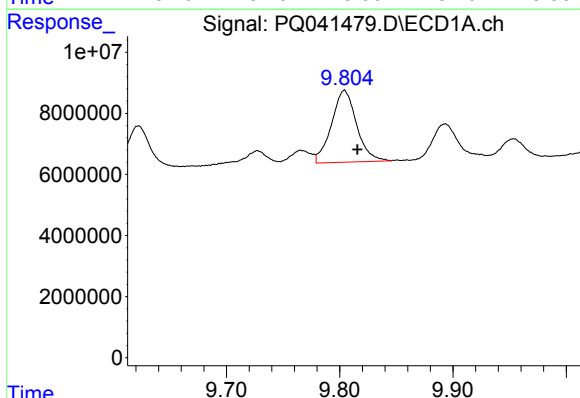
R.T.: 9.561 min
Delta R.T.: -0.011 min
Response: 33964154
Conc: 79.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS16



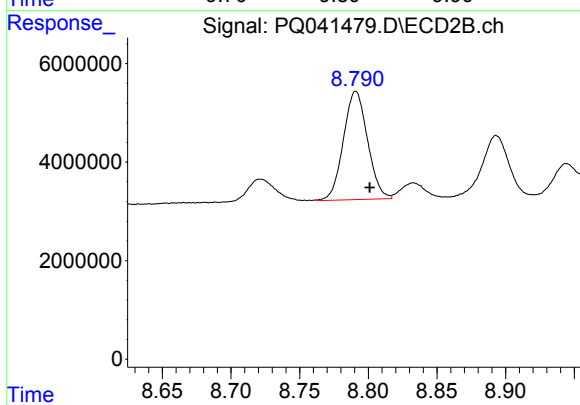
#33 AR-1260-3

R.T.: 8.292 min
Delta R.T.: -0.010 min
Response: 34703384
Conc: 110.51 ng/ml



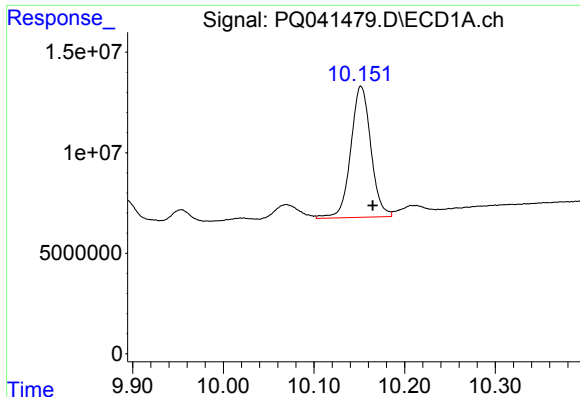
#34 AR-1260-4

R.T.: 9.804 min
Delta R.T.: -0.012 min
Response: 36359396
Conc: 86.38 ng/ml



#34 AR-1260-4

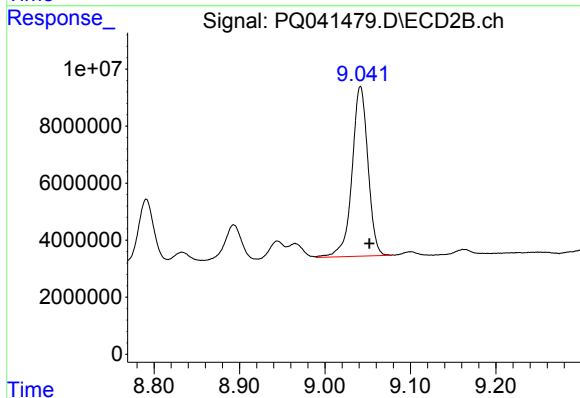
R.T.: 8.791 min
Delta R.T.: -0.010 min
Response: 26909751
Conc: 94.53 ng/ml



#35 AR-1260-5

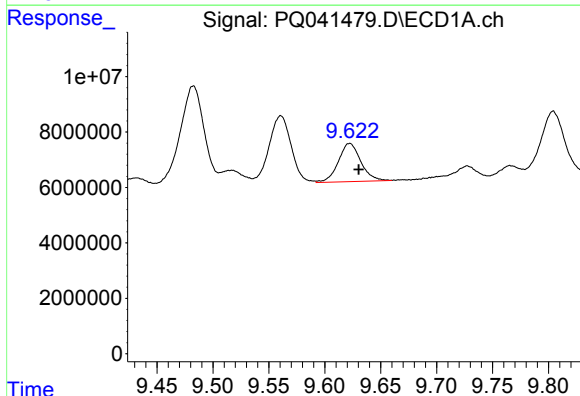
R.T.: 10.152 min
Delta R.T.: -0.013 min
Response: 100718843
Conc: 94.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS16



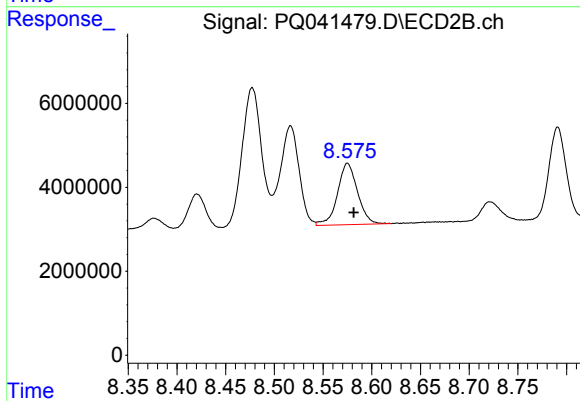
#35 AR-1260-5

R.T.: 9.042 min
Delta R.T.: -0.011 min
Response: 77099227
Conc: 103.69 ng/ml



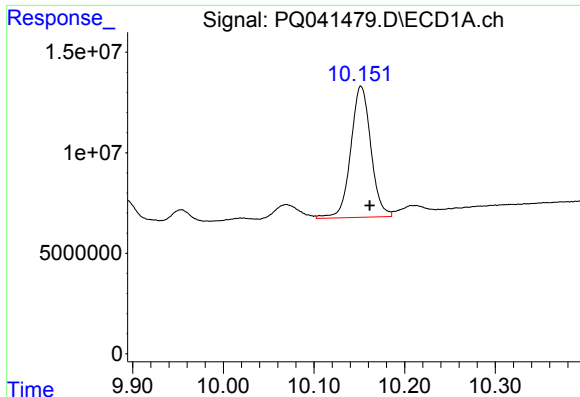
#36 AR-1262-1

R.T.: 9.622 min
Delta R.T.: -0.008 min
Response: 19343577
Conc: 78.79 ng/ml



#36 AR-1262-1

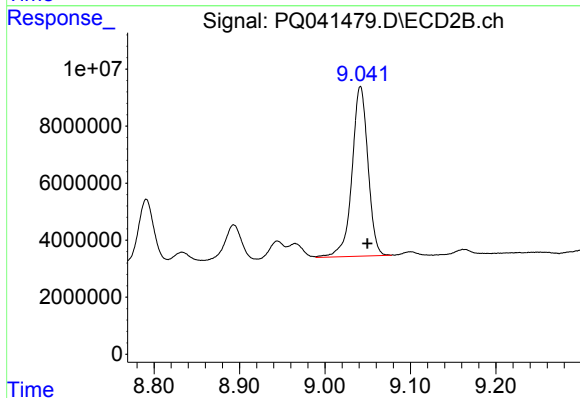
R.T.: 8.575 min
Delta R.T.: -0.007 min
Response: 20978679
Conc: 109.07 ng/ml



#37 AR-1262-2

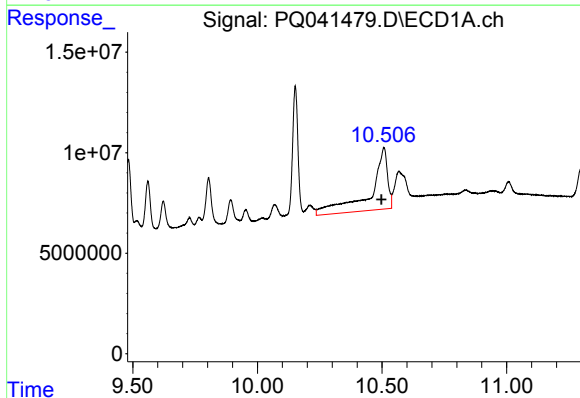
R.T.: 10.152 min
Delta R.T.: -0.010 min
Response: 100718843
Conc: 82.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS16



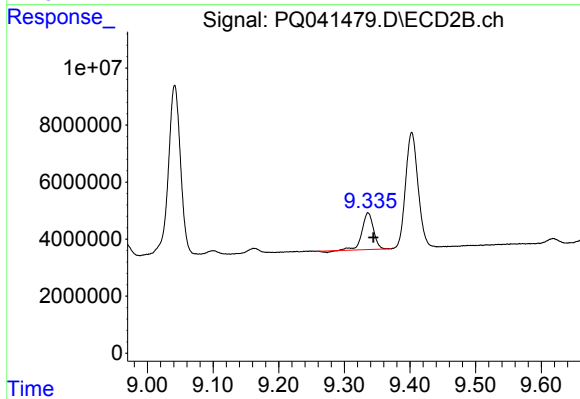
#37 AR-1262-2

R.T.: 9.042 min
Delta R.T.: -0.008 min
Response: 77099227
Conc: 91.77 ng/ml



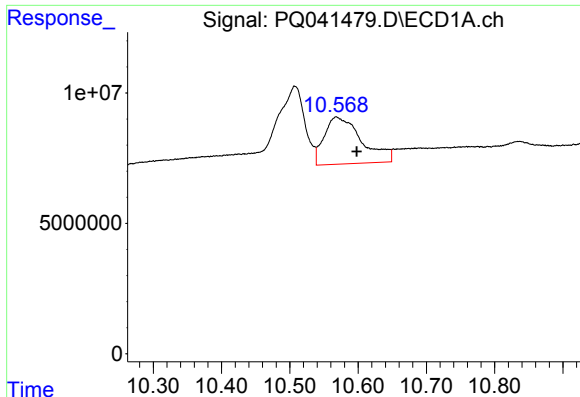
#38 AR-1262-3

R.T.: 10.508 min
Delta R.T.: 0.010 min
Response: 147746063
Conc: 177.28 ng/ml



#38 AR-1262-3

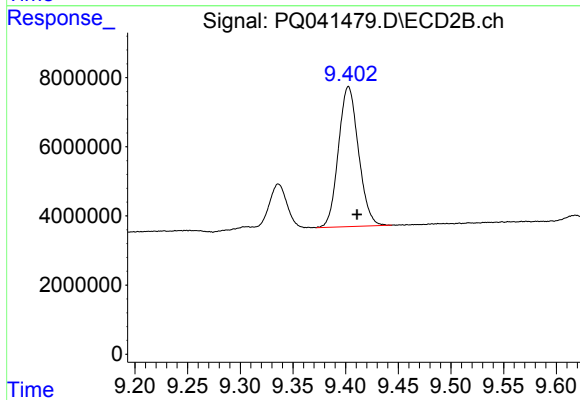
R.T.: 9.336 min
Delta R.T.: -0.008 min
Response: 15559445
Conc: 44.24 ng/ml



#39 AR-1262-4

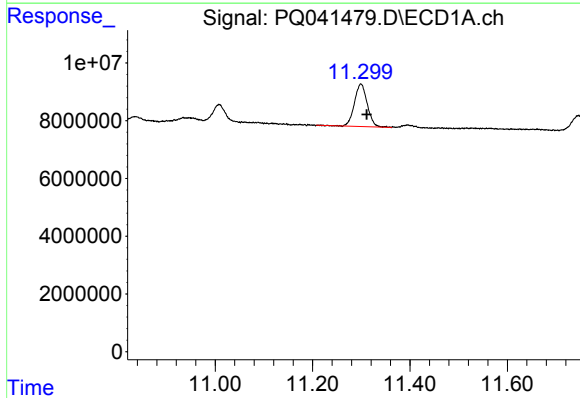
R.T.: 10.568 min
Delta R.T.: -0.030 min
Response: 69016010
Conc: 105.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS16



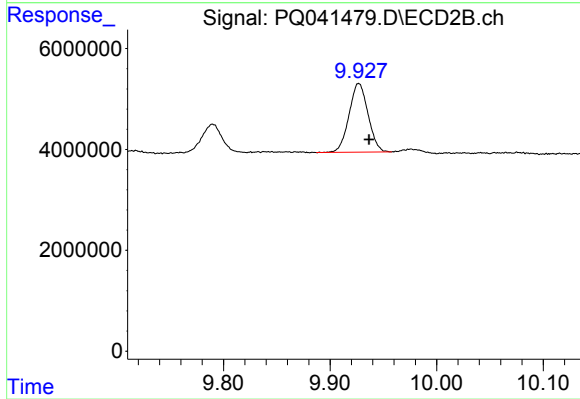
#39 AR-1262-4

R.T.: 9.403 min
Delta R.T.: -0.008 min
Response: 53573806
Conc: 91.16 ng/ml



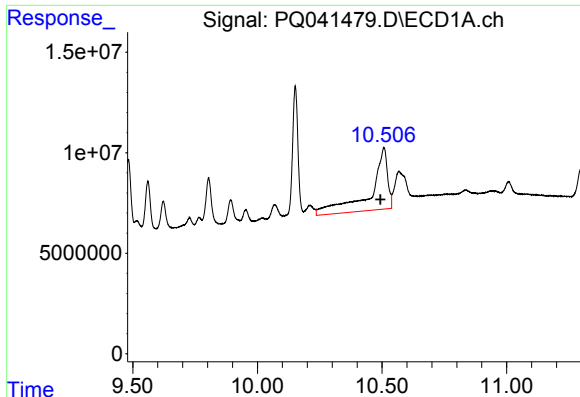
#40 AR-1262-5

R.T.: 11.299 min
Delta R.T.: -0.012 min
Response: 26935986
Conc: 58.93 ng/ml



#40 AR-1262-5

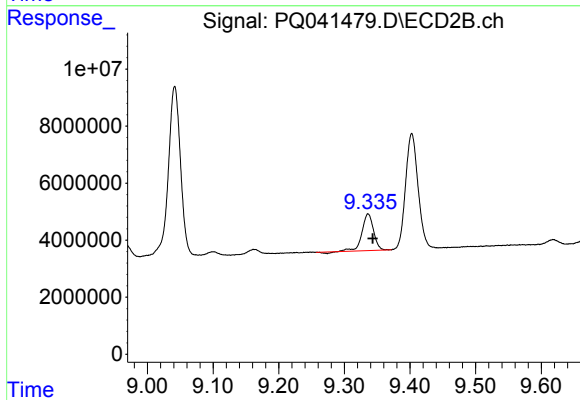
R.T.: 9.927 min
Delta R.T.: -0.010 min
Response: 16843075
Conc: 70.19 ng/ml



#41 AR-1268-1

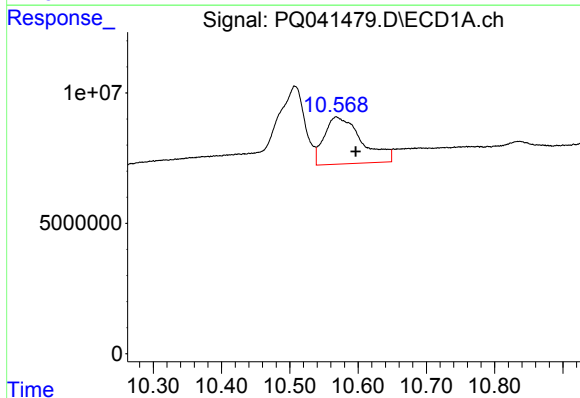
R.T.: 10.508 min
Delta R.T.: 0.014 min
Response: 147746063
Conc: 81.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS16



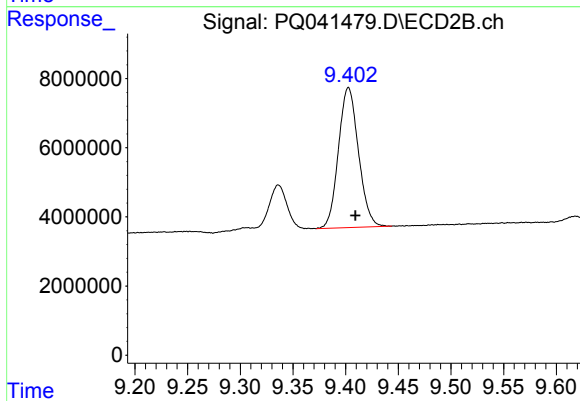
#41 AR-1268-1

R.T.: 9.336 min
Delta R.T.: -0.007 min
Response: 15559445
Conc: 13.62 ng/ml



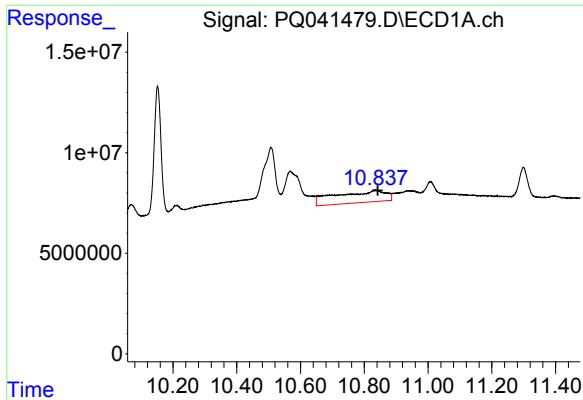
#42 AR-1268-2

R.T.: 10.568 min
Delta R.T.: -0.028 min
Response: 69016010
Conc: 43.25 ng/ml



#42 AR-1268-2

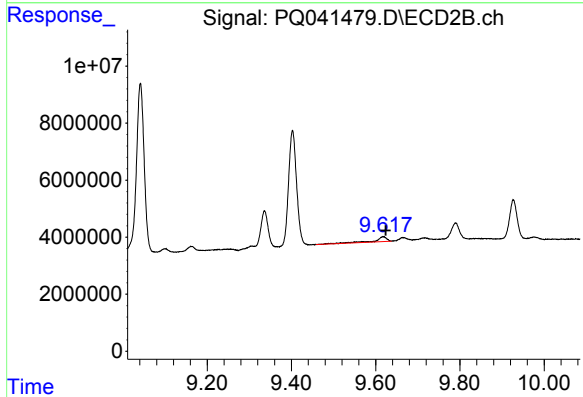
R.T.: 9.403 min
Delta R.T.: -0.007 min
Response: 53573806
Conc: 55.13 ng/ml



#43 AR-1268-3

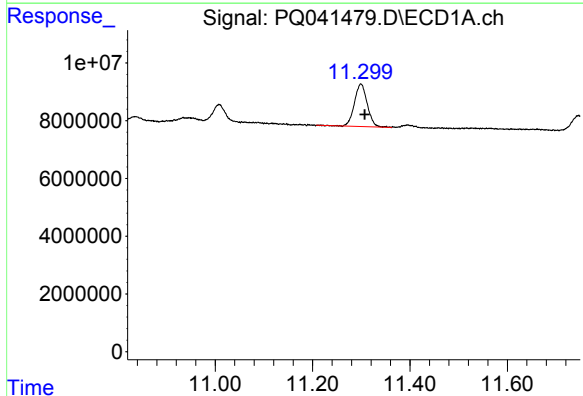
R.T.: 10.836 min
Delta R.T.: -0.006 min
Response: 64412983
Conc: 45.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS16



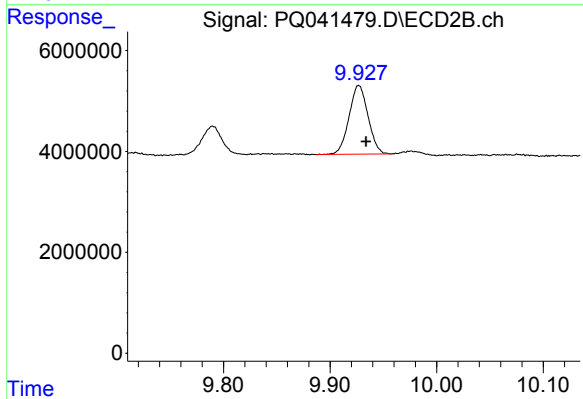
#43 AR-1268-3

R.T.: 9.618 min
Delta R.T.: -0.006 min
Response: 3328291
Conc: 4.17 ng/ml



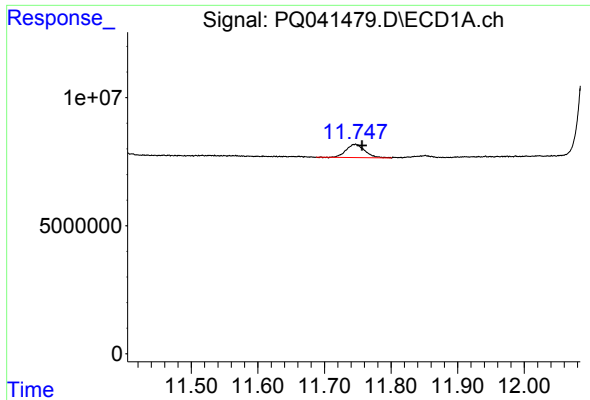
#44 AR-1268-4

R.T.: 11.299 min
Delta R.T.: -0.008 min
Response: 26935986
Conc: 47.45 ng/ml



#44 AR-1268-4

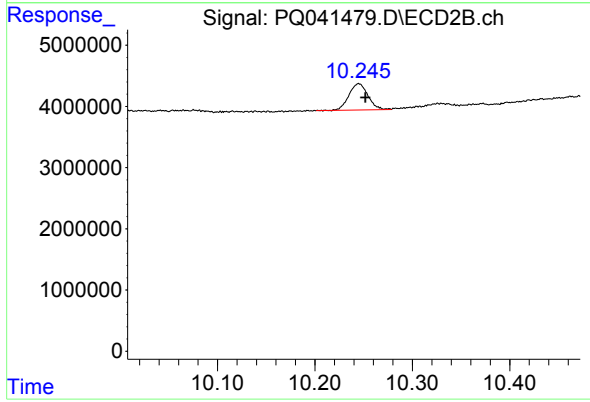
R.T.: 9.927 min
Delta R.T.: -0.007 min
Response: 16843075
Conc: 54.89 ng/ml



#45 AR-1268-5

R.T.: 11.746 min
Delta R.T.: -0.010 min
Response: 10265140
Conc: 2.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS16



#45 AR-1268-5

R.T.: 10.245 min
Delta R.T.: -0.007 min
Response: 5841065
Conc: 2.96 ng/ml