

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032119\
 Data File : PQ038017.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Mar 2019 10:08
 Operator : SM\SJ
 Sample : AR1242ICV500
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 11:28:05 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032019.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 20 09:51:59 2019
 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...	4.192	3.635	312.4E6	168.1E6	53.684	54.443
2)	SA Decachlor...	9.614	8.512	249.0E6	113.0E6	51.643	50.482
Target Compounds							
3)	L1 AR-1016-1	5.333	4.693	85621679	47237143	425.440	419.837
4)	L1 AR-1016-2	5.353	4.709	129.9E6	72004519	413.846	425.074
5)	L1 AR-1016-3	5.414	4.883	75766875	35374107	416.007	410.406
6)	L1 AR-1016-4	5.513	4.922	62557394	26566830	418.177	384.035
7)	L1 AR-1016-5	5.795	5.132	60670173	36475648	417.861	418.453
8)	L2 AR-1221-1	4.401	3.840	7673114	4502687	120.930	131.242
9)	L2 AR-1221-2	4.490	3.927	11831162	6468896	255.755	252.093
10)	L2 AR-1221-3	4.564	4.000	45686885	25710381	298.921	300.566
11)	L3 AR-1232-1	4.564	4.000	45686885	25710381	367.099	383.538
12)	L3 AR-1232-2	5.073	4.709	61133208	72004519	1038.178	1018.404
13)	L3 AR-1232-3	5.353	4.883	129.9E6	35374107	1051.611	1058.107
14)	L3 AR-1232-4	5.513	4.962	62557394	33756523	1074.066	1172.991
15)	L3 AR-1232-5	5.594	5.132	50726539	36475648	1186.599	1150.695
16)	L4 AR-1242-1	5.333	4.693	85621679	47237143	521.051	514.782
17)	L4 AR-1242-2	5.353	4.709	129.9E6	72004519	508.989	515.312
18)	L4 AR-1242-3	5.414	4.883	75766875	35374107	513.729	511.872
19)	L4 AR-1242-4	5.513	4.962	62557394	33756523	511.057	528.837
20)	L4 AR-1242-5	6.229	5.475	67523433	42534421	494.189	492.078
21)	L5 AR-1248-1	5.333	4.693	85621679	47237143	540.618	512.143
22)	L5 AR-1248-2	5.594	4.922	50726539	26566830	231.755	221.820
23)	L5 AR-1248-3	5.795	4.962	60670173	33756523	246.945	278.150
24)	L5 AR-1248-4	6.192	5.132	64979292	36475648	232.311	245.302
25)	L5 AR-1248-5	6.229	5.515	67523433	35907277	254.716	246.858
26)	L6 AR-1254-1	6.161	5.475	49505826	42534421	251.989	276.129
27)	L6 AR-1254-2	6.387	5.617	57748766	9178254	188.417	70.740 #
28)	L6 AR-1254-3	6.739	6.015	21656466	12170934	69.544	57.541
29)	L6 AR-1254-4	7.020	6.242	17239175	10063317	67.912	62.744
30)	L6 AR-1254-5	7.431	6.650	4191916	1936333	14.207	11.131
31)	L7 AR-1260-1	6.867	6.137	10876254	4795513	41.999	30.899 #
32)	L7 AR-1260-2	7.142	6.326	4424077	1645141	12.835	8.720 #
33)	L7 AR-1260-3	7.493	6.475	691265	1233253	2.437	7.242 #
34)	L7 AR-1260-4	7.723	0.000	3839341	0	14.261	N.D. #
35)	L7 AR-1260-5	8.029	0.000	2787077	0	4.424	N.D. #
36)	L8 AR-1262-1	7.596	6.650	1325051	1936333	8.580	9.167
37)	L8 AR-1262-2	8.029	0.000	2787077	0	3.973	N.D. #
38)	L8 AR-1262-3	8.315	0.000	575914	0	1.921	N.D. #
39)	L8 AR-1262-4	8.386	0.000	411517	0	1.187	N.D. #
41)	L9 AR-1268-1	8.315	0.000	575914	0	0.700	N.D. #
42)	L9 AR-1268-2	8.386	0.000	411517	0	0.551	N.D. #

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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
43) L9	AR-1268-3	8.582	7.711	3761136	1452441	5.736	4.802
45) L9	AR-1268-5	9.340	0.000	2311226	0	1.184	N.D. #

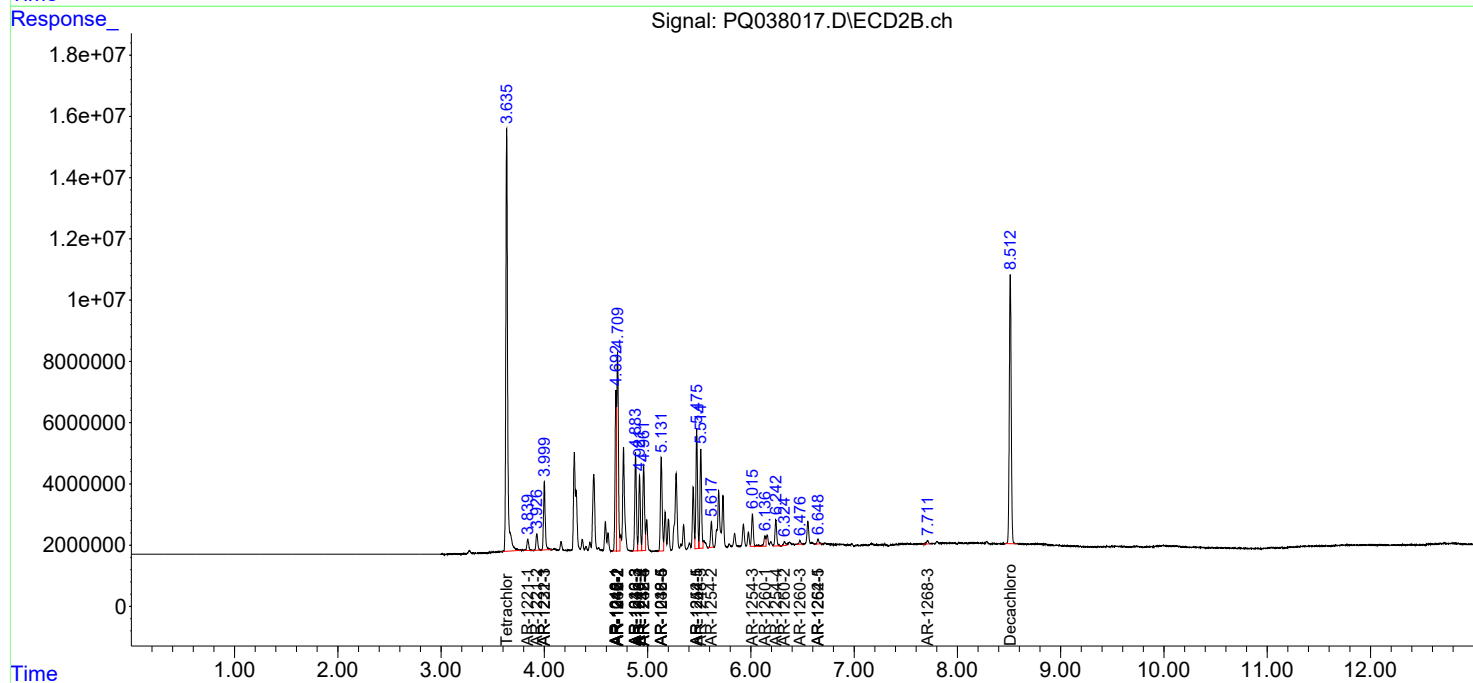
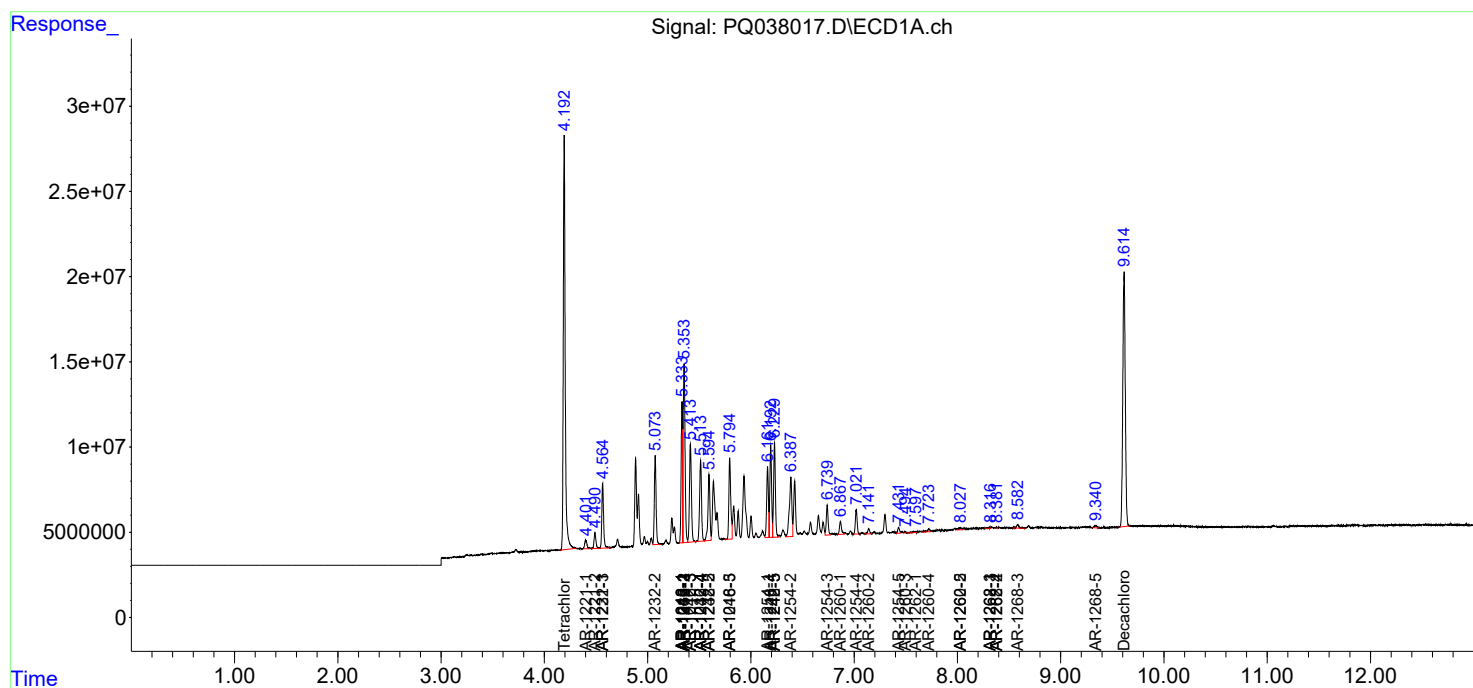
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

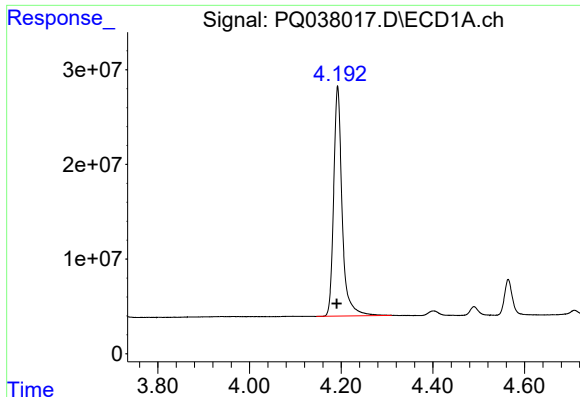
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Data File : PQ038017.D
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Sample : AR1242ICV500
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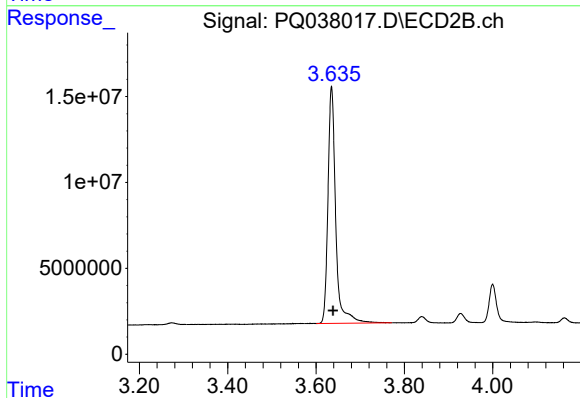




#1 Tetrachloro-m-xylene

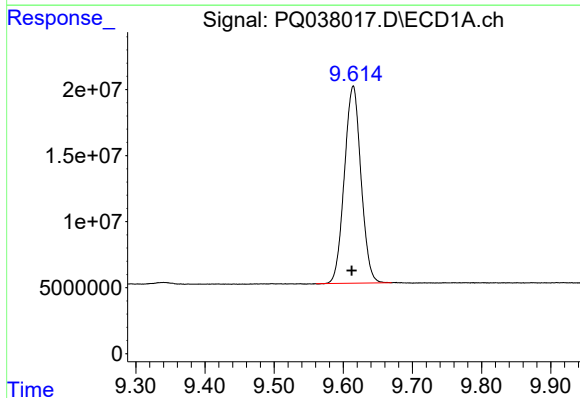
R.T.: 4.192 min
Delta R.T.: 0.002 min
Response: 312368577
Conc: 53.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



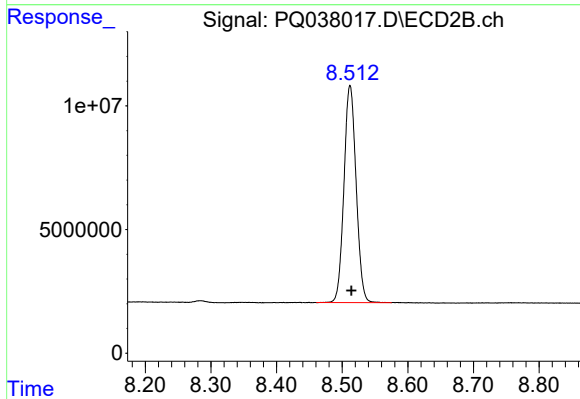
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: -0.004 min
Response: 168148544
Conc: 54.44 ng/ml



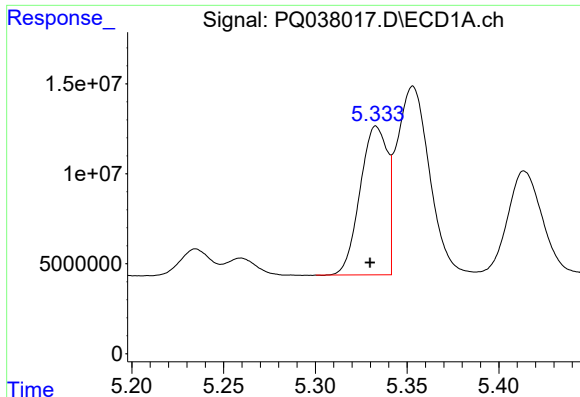
#2 Decachlorobiphenyl

R.T.: 9.614 min
Delta R.T.: 0.002 min
Response: 248985066
Conc: 51.64 ng/ml



#2 Decachlorobiphenyl

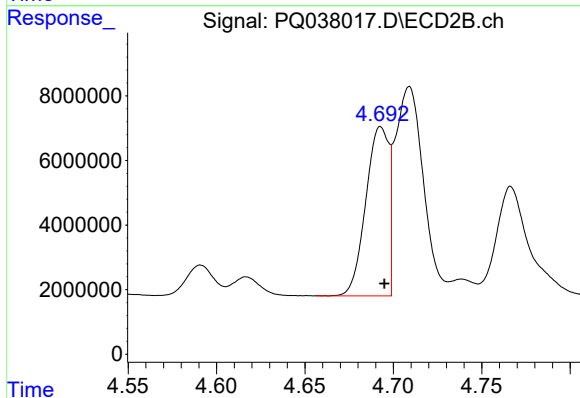
R.T.: 8.512 min
Delta R.T.: -0.002 min
Response: 113016466
Conc: 50.48 ng/ml



#3 AR-1016-1

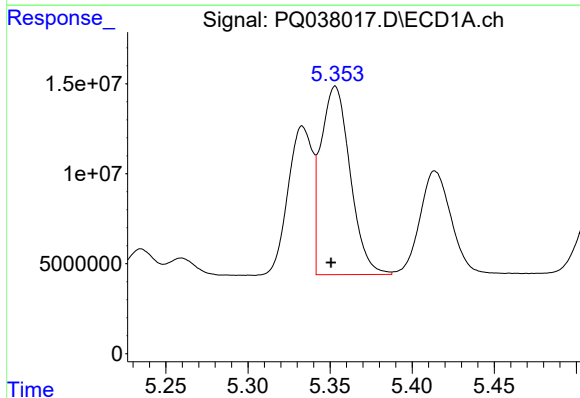
R.T.: 5.333 min
Delta R.T.: 0.003 min
Response: 85621679
Conc: 425.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



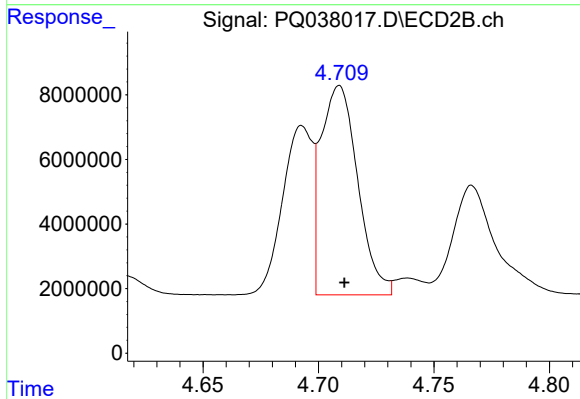
#3 AR-1016-1

R.T.: 4.693 min
Delta R.T.: -0.002 min
Response: 47237143
Conc: 419.84 ng/ml



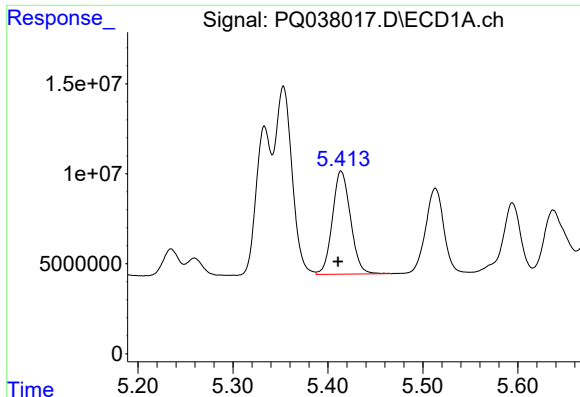
#4 AR-1016-2

R.T.: 5.353 min
Delta R.T.: 0.003 min
Response: 129876131
Conc: 413.85 ng/ml



#4 AR-1016-2

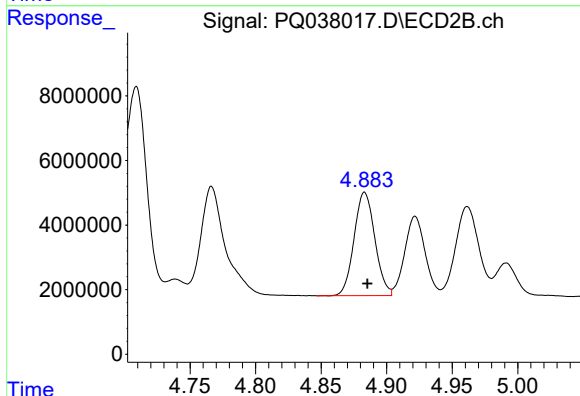
R.T.: 4.709 min
Delta R.T.: -0.002 min
Response: 72004519
Conc: 425.07 ng/ml



#5 AR-1016-3

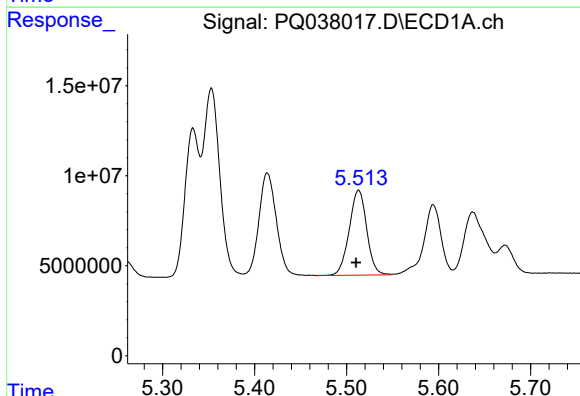
R.T.: 5.414 min
Delta R.T.: 0.003 min
Response: 75766875
Conc: 416.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



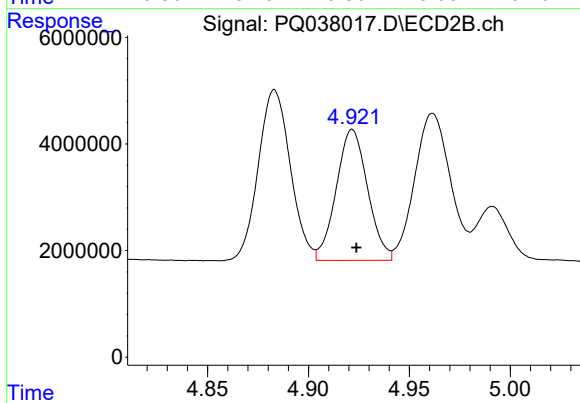
#5 AR-1016-3

R.T.: 4.883 min
Delta R.T.: -0.002 min
Response: 35374107
Conc: 410.41 ng/ml



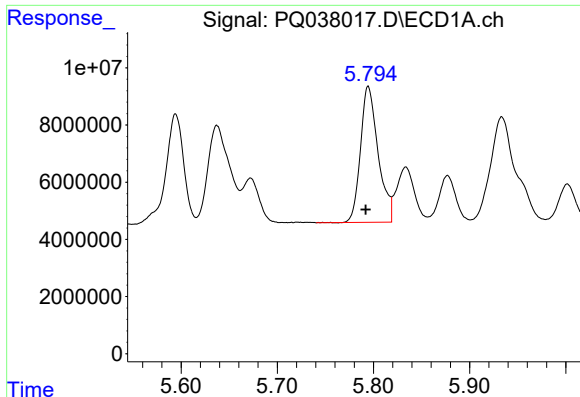
#6 AR-1016-4

R.T.: 5.513 min
Delta R.T.: 0.003 min
Response: 62557394
Conc: 418.18 ng/ml



#6 AR-1016-4

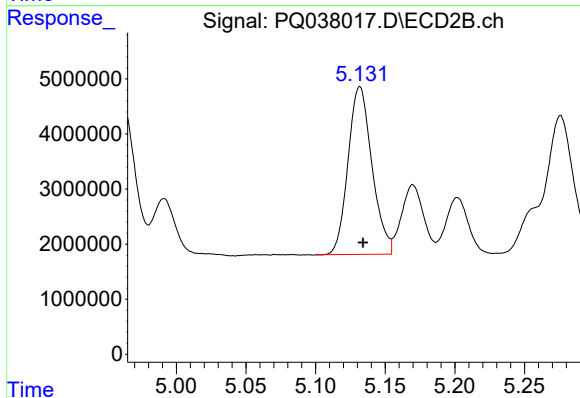
R.T.: 4.922 min
Delta R.T.: -0.002 min
Response: 26566830
Conc: 384.03 ng/ml



#7 AR-1016-5

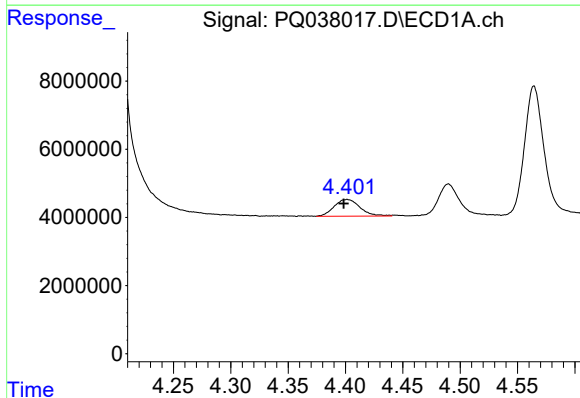
R.T.: 5.795 min
Delta R.T.: 0.003 min
Response: 60670173
Conc: 417.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



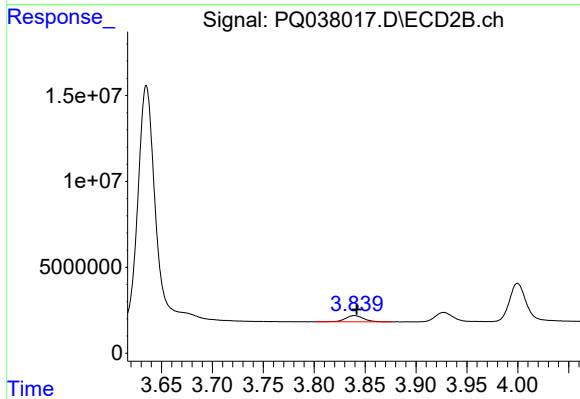
#7 AR-1016-5

R.T.: 5.132 min
Delta R.T.: -0.002 min
Response: 36475648
Conc: 418.45 ng/ml



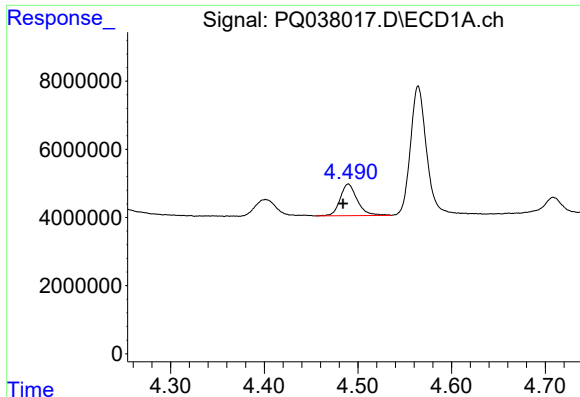
#8 AR-1221-1

R.T.: 4.401 min
Delta R.T.: 0.003 min
Response: 7673114
Conc: 120.93 ng/ml



#8 AR-1221-1

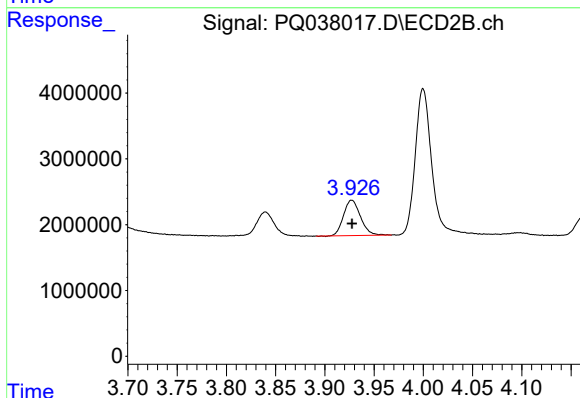
R.T.: 3.840 min
Delta R.T.: -0.002 min
Response: 4502687
Conc: 131.24 ng/ml



#9 AR-1221-2

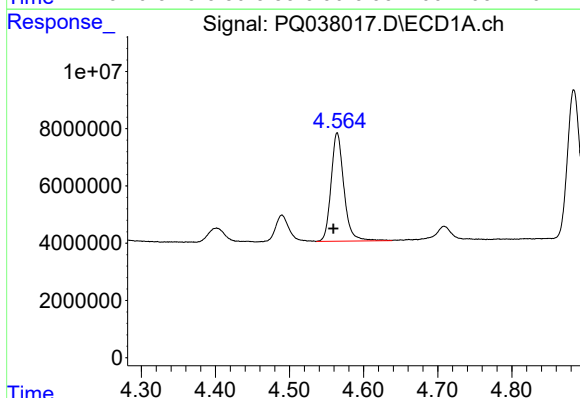
R.T.: 4.490 min
Delta R.T.: 0.005 min
Response: 11831162
Conc: 255.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



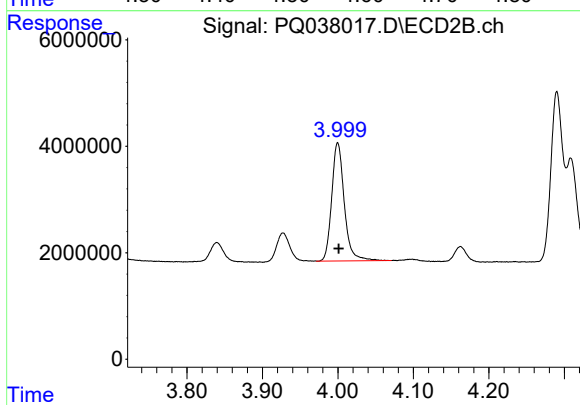
#9 AR-1221-2

R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 6468896
Conc: 252.09 ng/ml



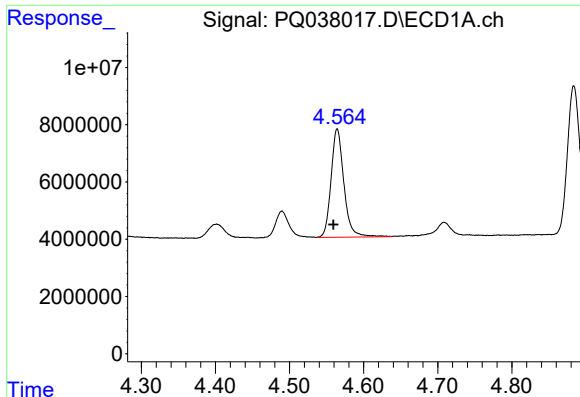
#10 AR-1221-3

R.T.: 4.564 min
Delta R.T.: 0.005 min
Response: 45686885
Conc: 298.92 ng/ml



#10 AR-1221-3

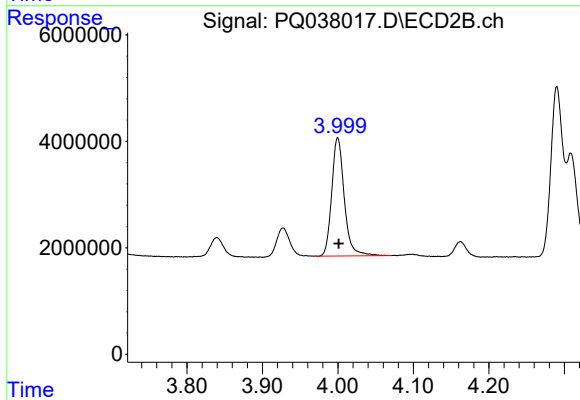
R.T.: 4.000 min
Delta R.T.: -0.002 min
Response: 25710381
Conc: 300.57 ng/ml



#11 AR-1232-1

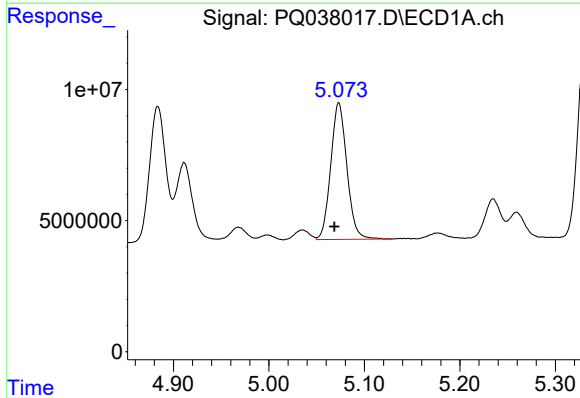
R.T.: 4.564 min
Delta R.T.: 0.005 min
Response: 45686885
Conc: 367.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



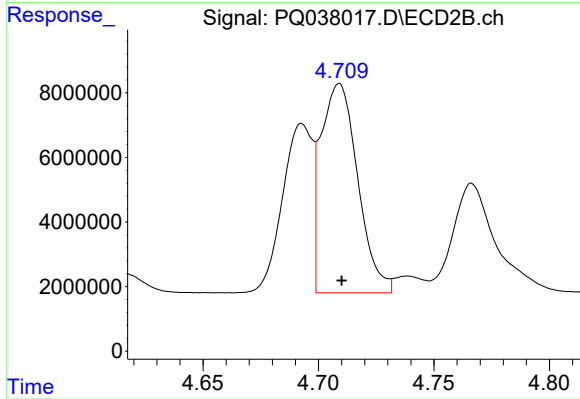
#11 AR-1232-1

R.T.: 4.000 min
Delta R.T.: -0.002 min
Response: 25710381
Conc: 383.54 ng/ml



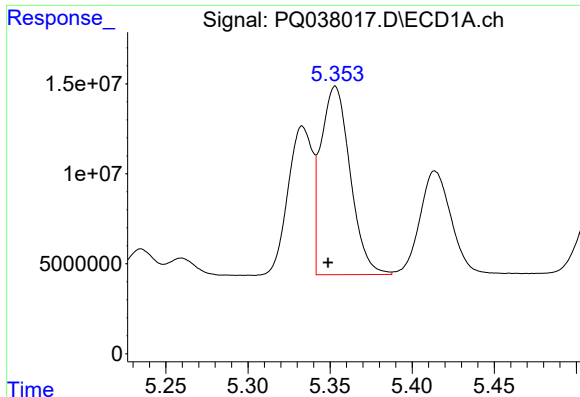
#12 AR-1232-2

R.T.: 5.073 min
Delta R.T.: 0.005 min
Response: 61133208
Conc: 1038.18 ng/ml



#12 AR-1232-2

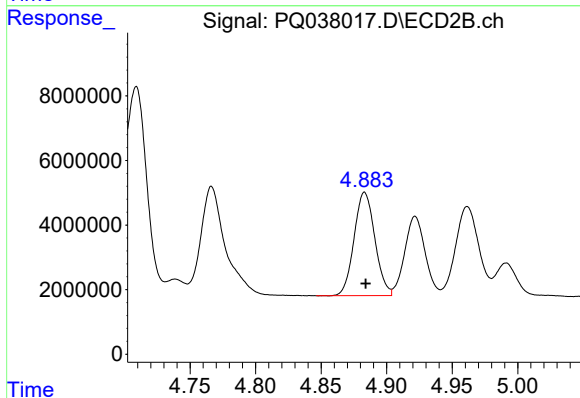
R.T.: 4.709 min
Delta R.T.: -0.001 min
Response: 72004519
Conc: 1018.40 ng/ml



#13 AR-1232-3

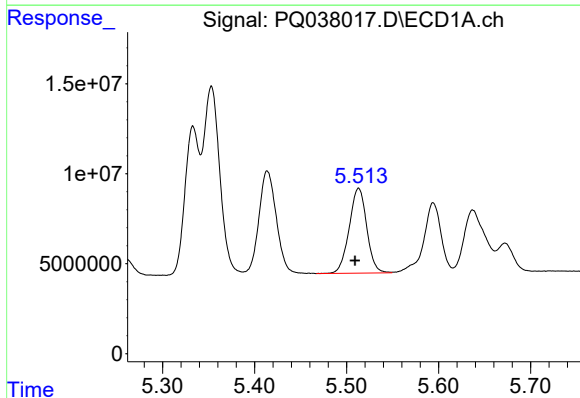
R.T.: 5.353 min
Delta R.T.: 0.004 min
Response: 129876131
Conc: 1051.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



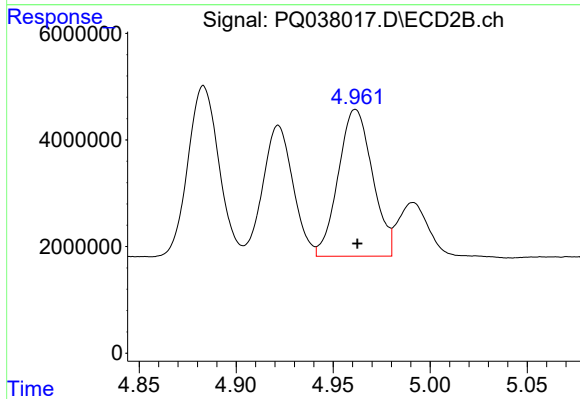
#13 AR-1232-3

R.T.: 4.883 min
Delta R.T.: 0.000 min
Response: 35374107
Conc: 1058.11 ng/ml



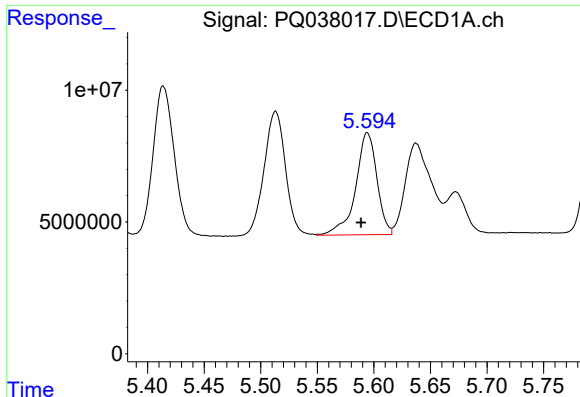
#14 AR-1232-4

R.T.: 5.513 min
Delta R.T.: 0.004 min
Response: 62557394
Conc: 1074.07 ng/ml



#14 AR-1232-4

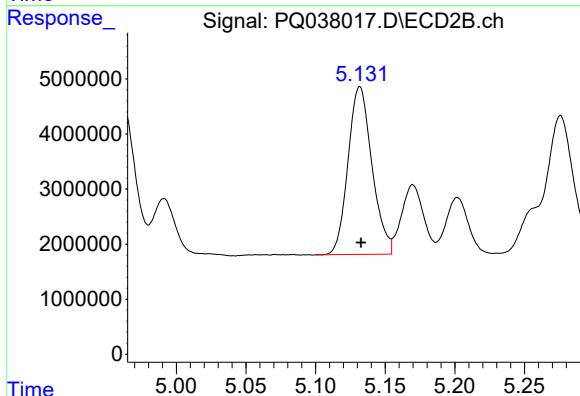
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 33756523
Conc: 1172.99 ng/ml



#15 AR-1232-5

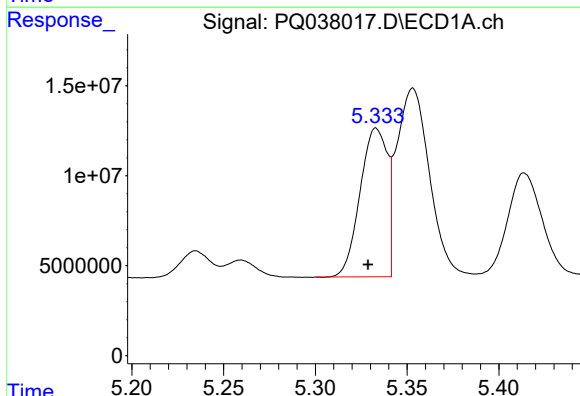
R.T.: 5.594 min
Delta R.T.: 0.005 min
Response: 50726539
Conc: 1186.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



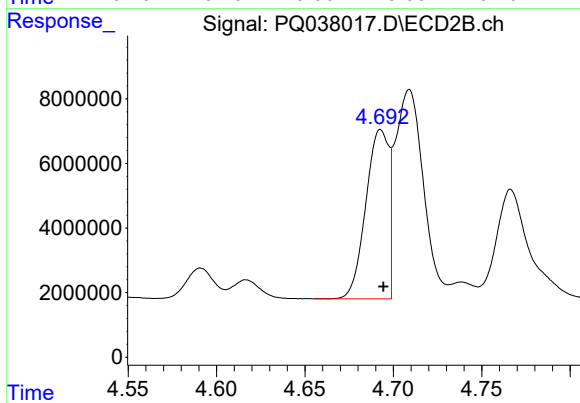
#15 AR-1232-5

R.T.: 5.132 min
Delta R.T.: 0.000 min
Response: 36475648
Conc: 1150.70 ng/ml



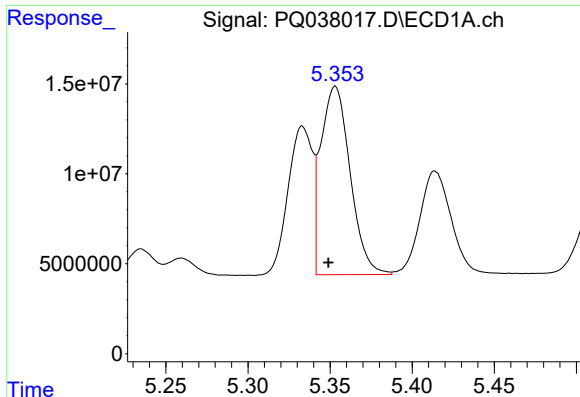
#16 AR-1242-1

R.T.: 5.333 min
Delta R.T.: 0.004 min
Response: 85621679
Conc: 521.05 ng/ml



#16 AR-1242-1

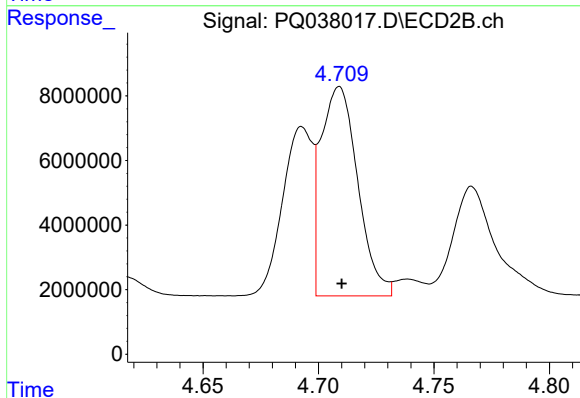
R.T.: 4.693 min
Delta R.T.: -0.001 min
Response: 47237143
Conc: 514.78 ng/ml



#17 AR-1242-2

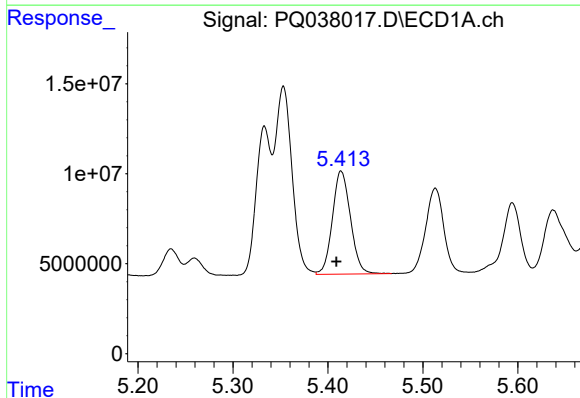
R.T.: 5.353 min
Delta R.T.: 0.004 min
Response: 129876131
Conc: 508.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



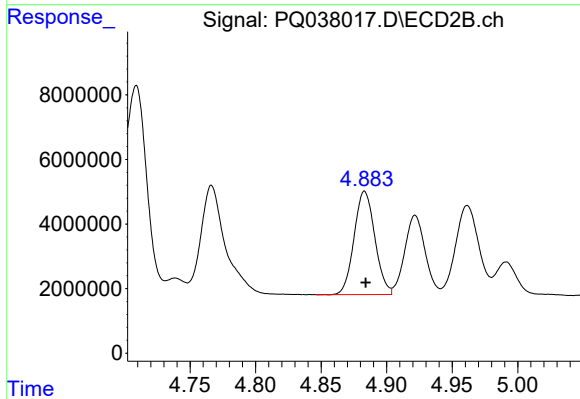
#17 AR-1242-2

R.T.: 4.709 min
Delta R.T.: -0.001 min
Response: 72004519
Conc: 515.31 ng/ml



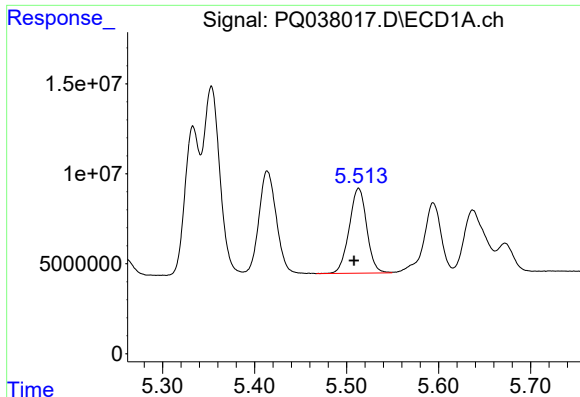
#18 AR-1242-3

R.T.: 5.414 min
Delta R.T.: 0.005 min
Response: 75766875
Conc: 513.73 ng/ml



#18 AR-1242-3

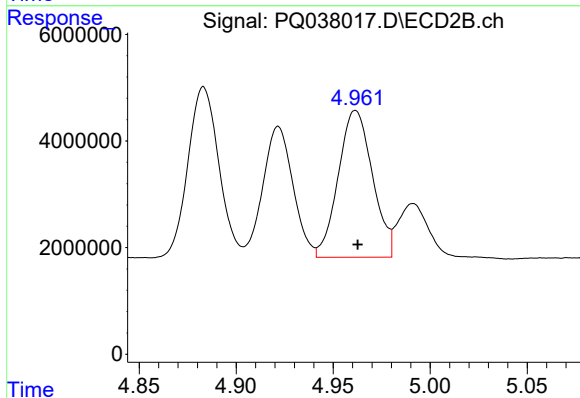
R.T.: 4.883 min
Delta R.T.: 0.000 min
Response: 35374107
Conc: 511.87 ng/ml



#19 AR-1242-4

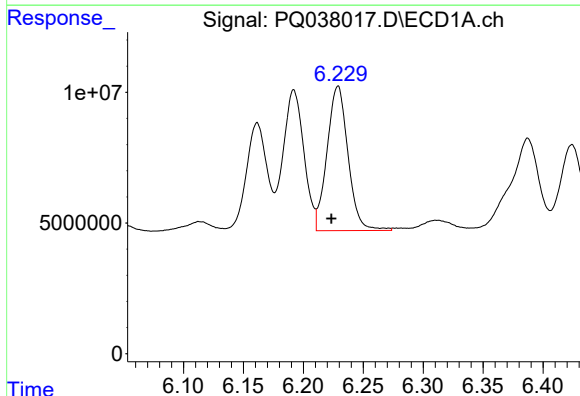
R.T.: 5.513 min
Delta R.T.: 0.005 min
Response: 62557394
Conc: 511.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



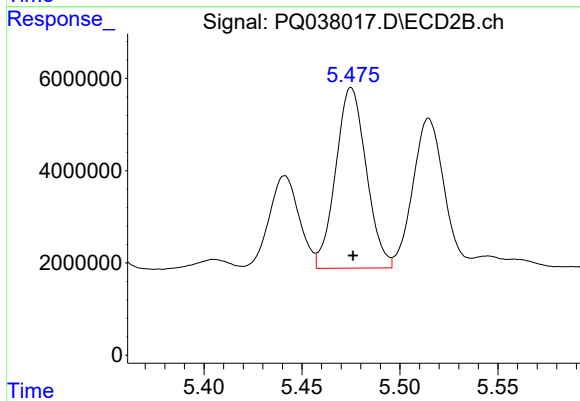
#19 AR-1242-4

R.T.: 4.962 min
Delta R.T.: -0.001 min
Response: 33756523
Conc: 528.84 ng/ml



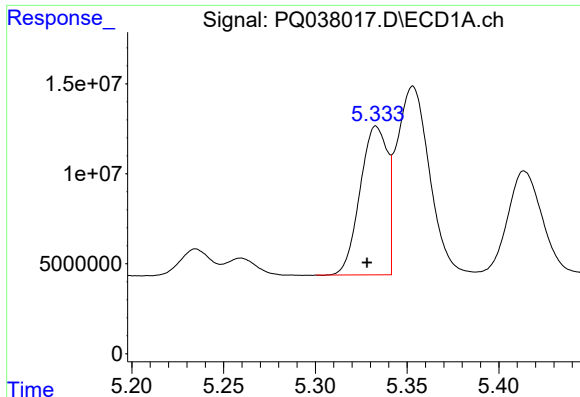
#20 AR-1242-5

R.T.: 6.229 min
Delta R.T.: 0.005 min
Response: 67523433
Conc: 494.19 ng/ml



#20 AR-1242-5

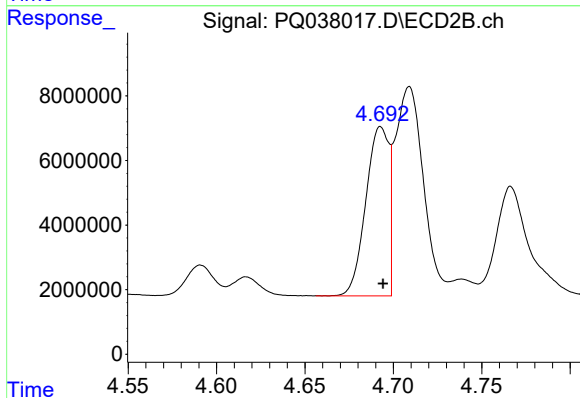
R.T.: 5.475 min
Delta R.T.: 0.000 min
Response: 42534421
Conc: 492.08 ng/ml



#21 AR-1248-1

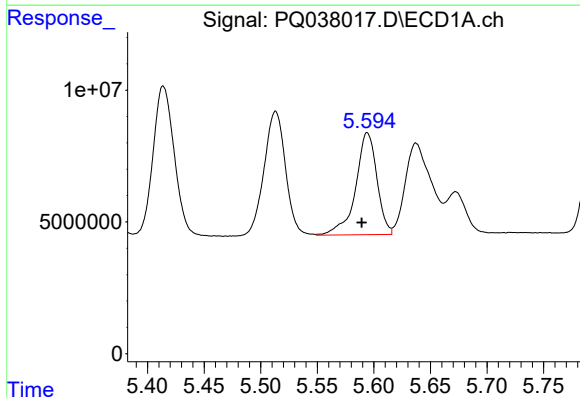
R.T.: 5.333 min
Delta R.T.: 0.005 min
Response: 85621679
Conc: 540.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



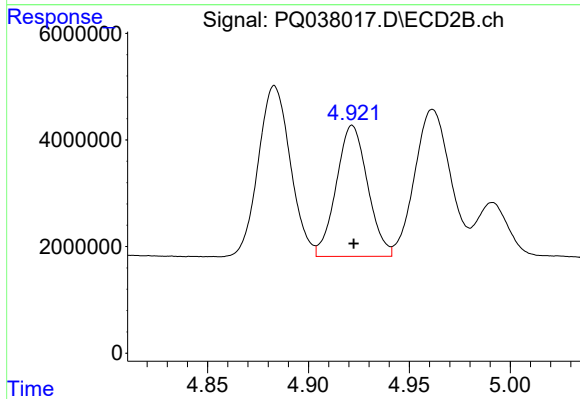
#21 AR-1248-1

R.T.: 4.693 min
Delta R.T.: -0.001 min
Response: 47237143
Conc: 512.14 ng/ml



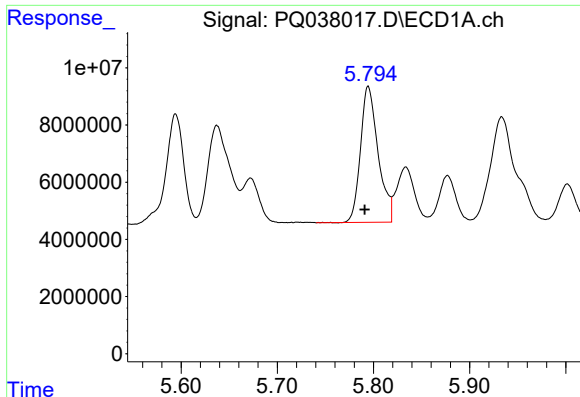
#22 AR-1248-2

R.T.: 5.594 min
Delta R.T.: 0.005 min
Response: 50726539
Conc: 231.75 ng/ml



#22 AR-1248-2

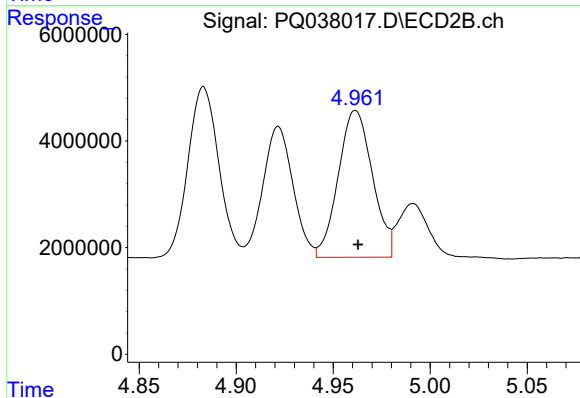
R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 26566830
Conc: 221.82 ng/ml



#23 AR-1248-3

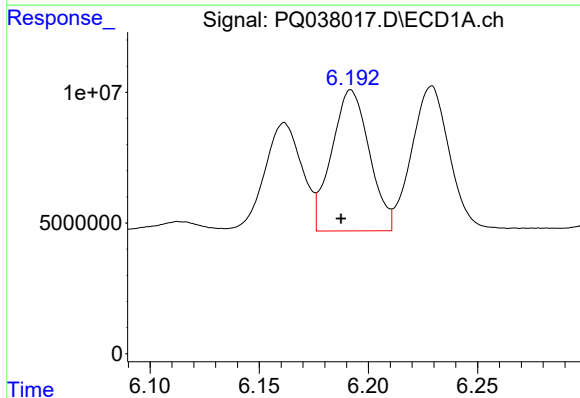
R.T.: 5.795 min
Delta R.T.: 0.004 min
Response: 60670173
Conc: 246.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



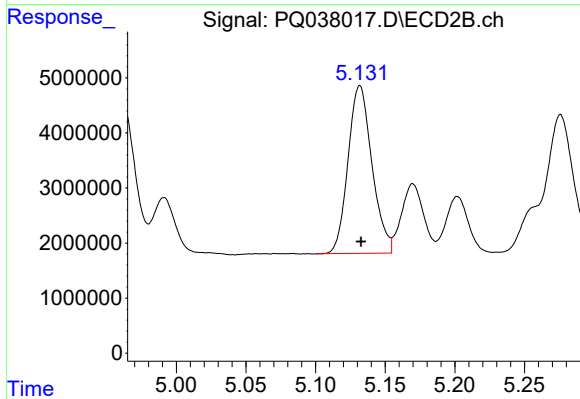
#23 AR-1248-3

R.T.: 4.962 min
Delta R.T.: -0.001 min
Response: 33756523
Conc: 278.15 ng/ml



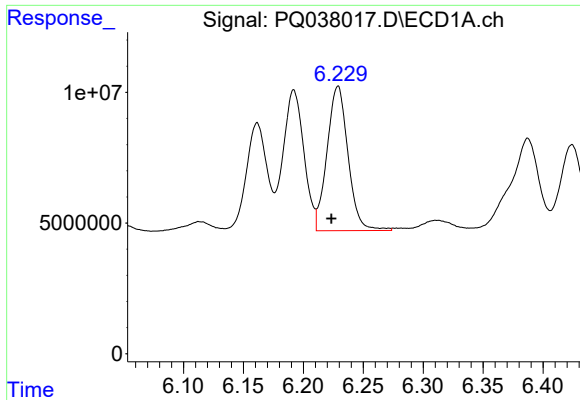
#24 AR-1248-4

R.T.: 6.192 min
Delta R.T.: 0.005 min
Response: 64979292
Conc: 232.31 ng/ml



#24 AR-1248-4

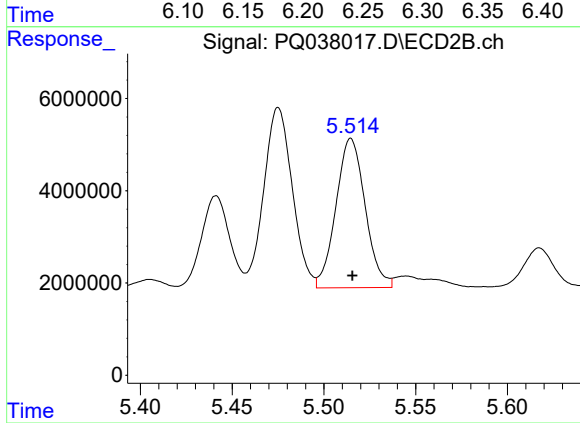
R.T.: 5.132 min
Delta R.T.: 0.000 min
Response: 36475648
Conc: 245.30 ng/ml



#25 AR-1248-5

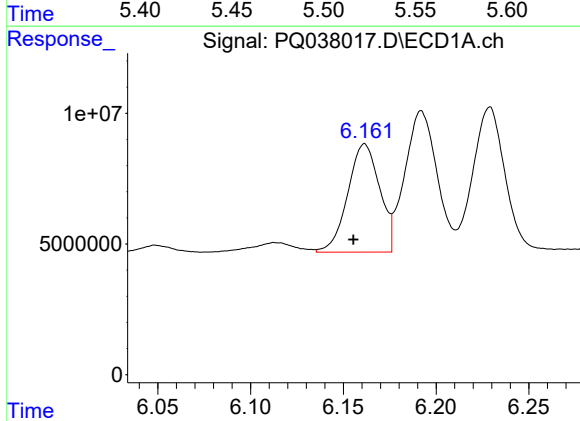
R.T.: 6.229 min
Delta R.T.: 0.005 min
Response: 67523433
Conc: 254.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



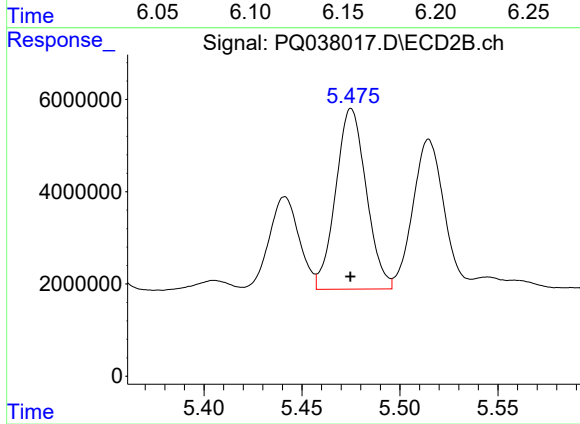
#25 AR-1248-5

R.T.: 5.515 min
Delta R.T.: 0.000 min
Response: 35907277
Conc: 246.86 ng/ml



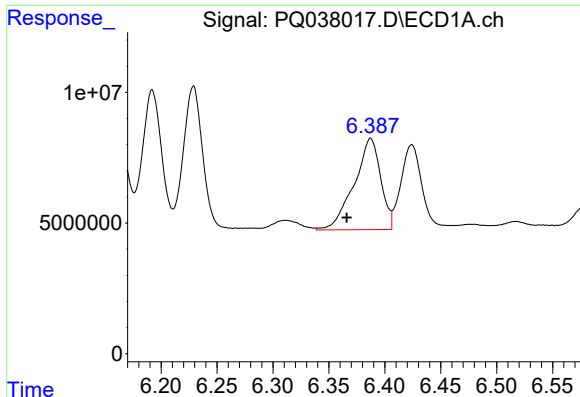
#26 AR-1254-1

R.T.: 6.161 min
Delta R.T.: 0.006 min
Response: 49505826
Conc: 251.99 ng/ml



#26 AR-1254-1

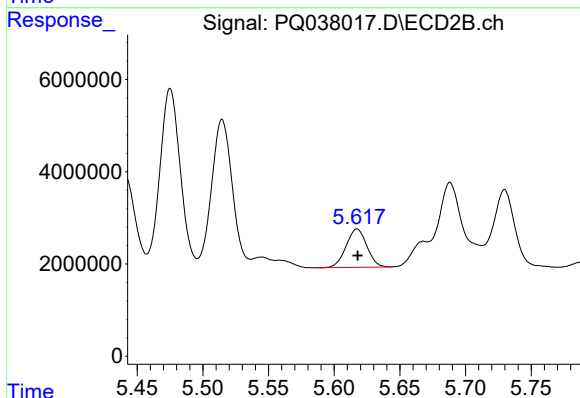
R.T.: 5.475 min
Delta R.T.: 0.000 min
Response: 42534421
Conc: 276.13 ng/ml



#27 AR-1254-2

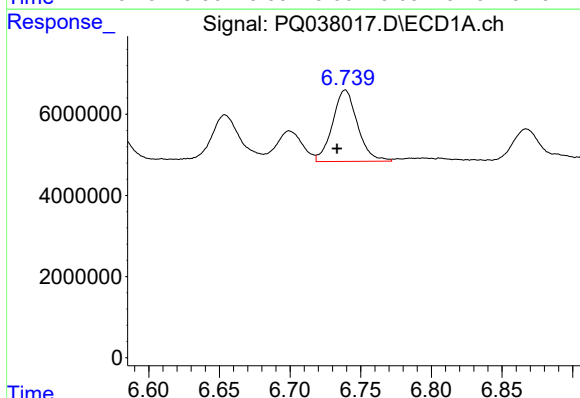
R.T.: 6.387 min
Delta R.T.: 0.021 min
Response: 57748766
Conc: 188.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



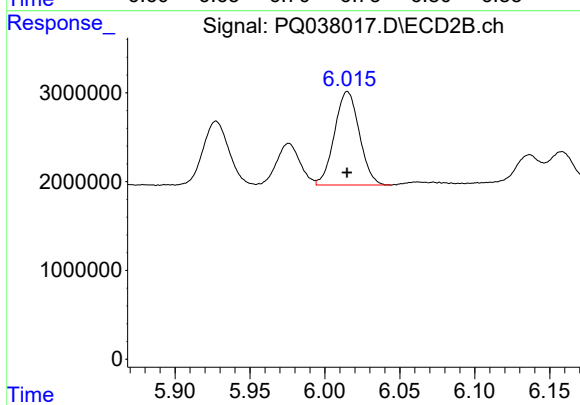
#27 AR-1254-2

R.T.: 5.617 min
Delta R.T.: 0.000 min
Response: 9178254
Conc: 70.74 ng/ml



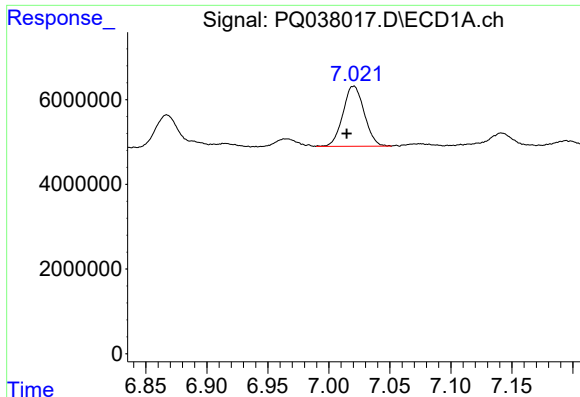
#28 AR-1254-3

R.T.: 6.739 min
Delta R.T.: 0.006 min
Response: 21656466
Conc: 69.54 ng/ml



#28 AR-1254-3

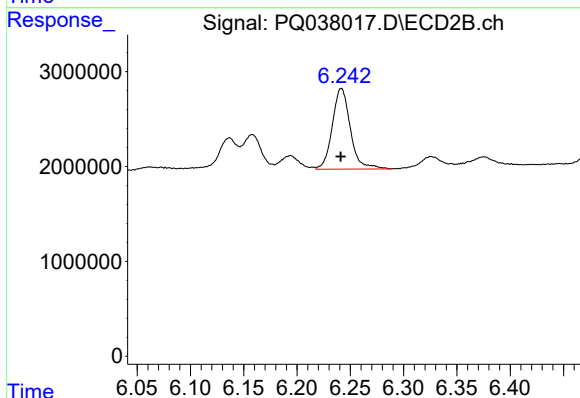
R.T.: 6.015 min
Delta R.T.: 0.000 min
Response: 12170934
Conc: 57.54 ng/ml



#29 AR-1254-4

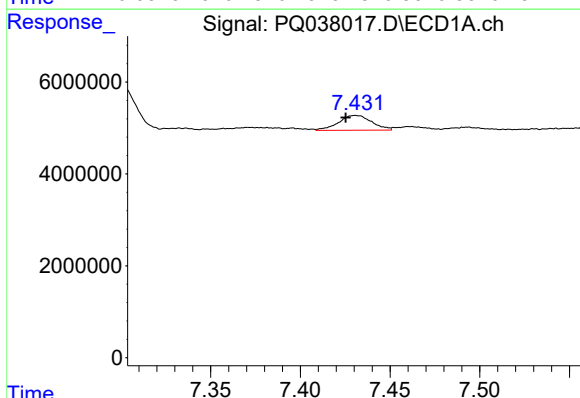
R.T.: 7.020 min
Delta R.T.: 0.006 min
Response: 17239175
Conc: 67.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



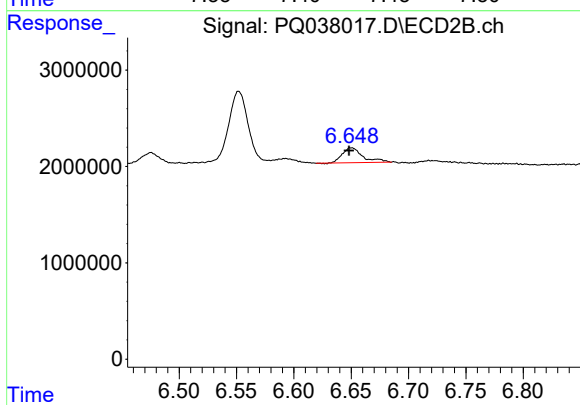
#29 AR-1254-4

R.T.: 6.242 min
Delta R.T.: 0.000 min
Response: 10063317
Conc: 62.74 ng/ml



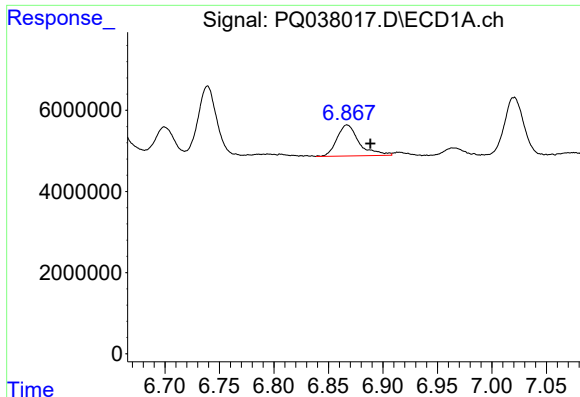
#30 AR-1254-5

R.T.: 7.431 min
Delta R.T.: 0.006 min
Response: 4191916
Conc: 14.21 ng/ml



#30 AR-1254-5

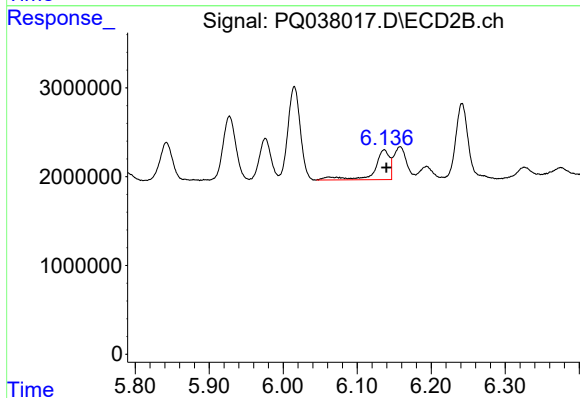
R.T.: 6.650 min
Delta R.T.: 0.002 min
Response: 1936333
Conc: 11.13 ng/ml



#31 AR-1260-1

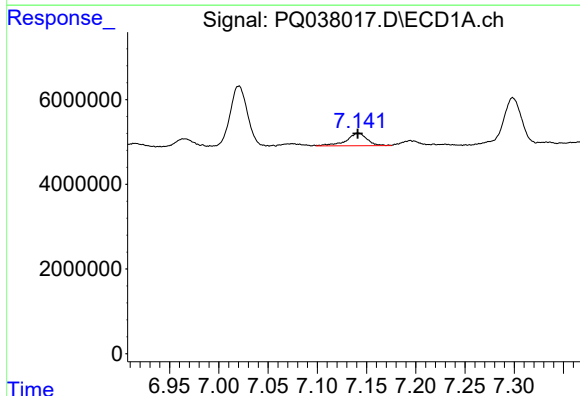
R.T.: 6.867 min
Delta R.T.: -0.021 min
Response: 10876254
Conc: 42.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



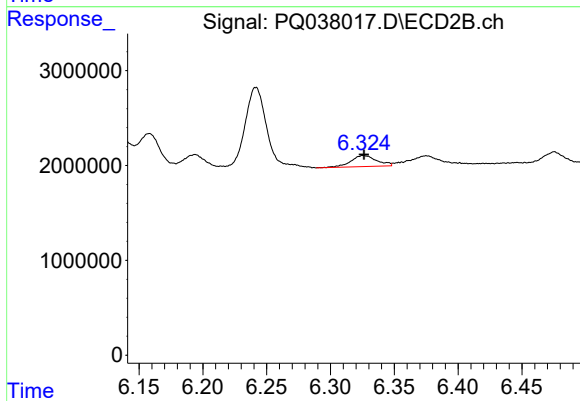
#31 AR-1260-1

R.T.: 6.137 min
Delta R.T.: -0.003 min
Response: 4795513
Conc: 30.90 ng/ml



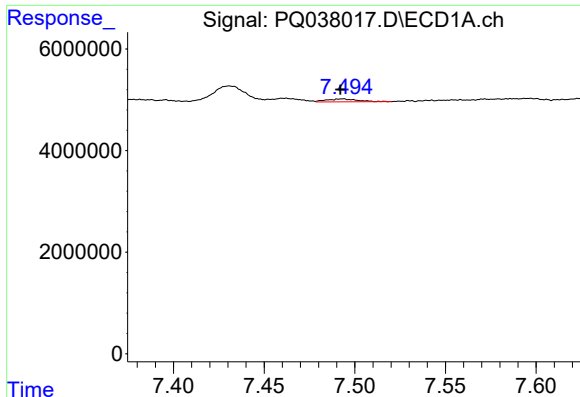
#32 AR-1260-2

R.T.: 7.142 min
Delta R.T.: 0.000 min
Response: 4424077
Conc: 12.83 ng/ml



#32 AR-1260-2

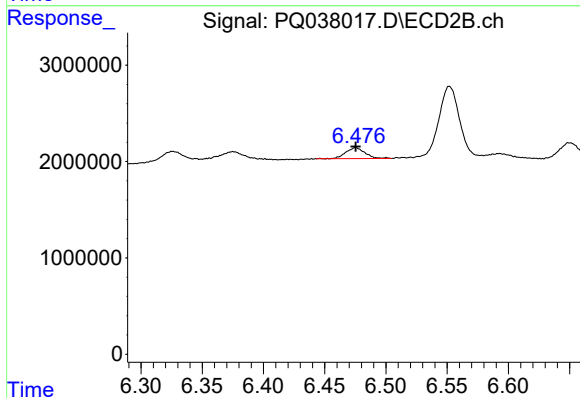
R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 1645141
Conc: 8.72 ng/ml



#33 AR-1260-3

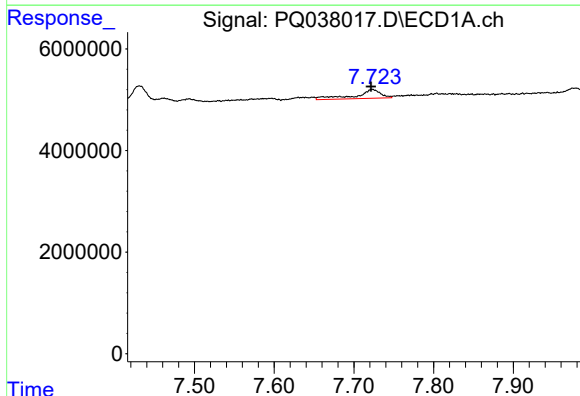
R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 691265
Conc: 2.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



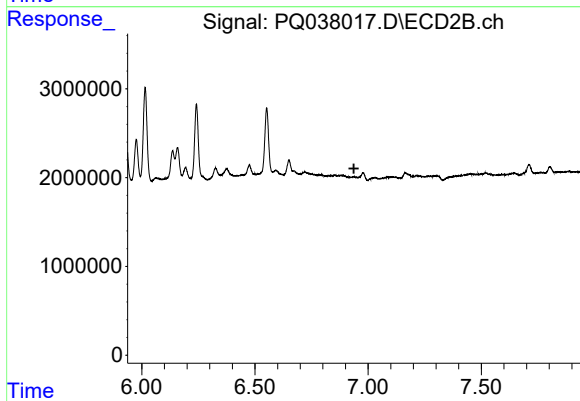
#33 AR-1260-3

R.T.: 6.475 min
Delta R.T.: 0.000 min
Response: 1233253
Conc: 7.24 ng/ml



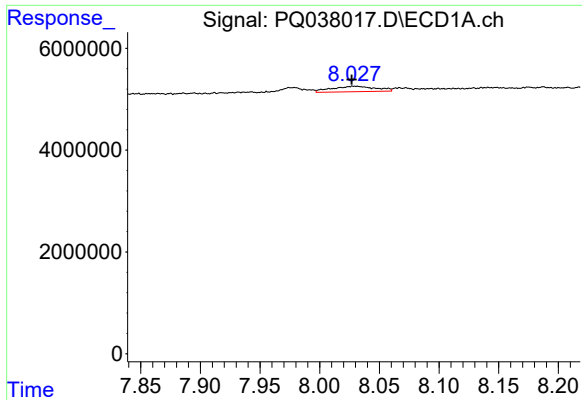
#34 AR-1260-4

R.T.: 7.723 min
Delta R.T.: 0.002 min
Response: 3839341
Conc: 14.26 ng/ml



#34 AR-1260-4

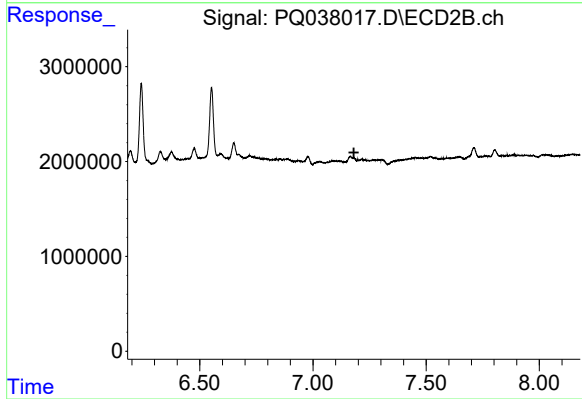
R.T.: 0.000 min
Exp R.T. : 6.937 min
Response: 0
Conc: N.D.



#35 AR-1260-5

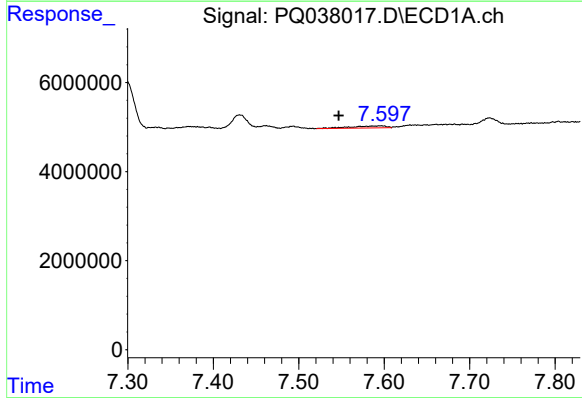
R.T.: 8.029 min
Delta R.T.: 0.002 min
Response: 2787077
Conc: 4.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



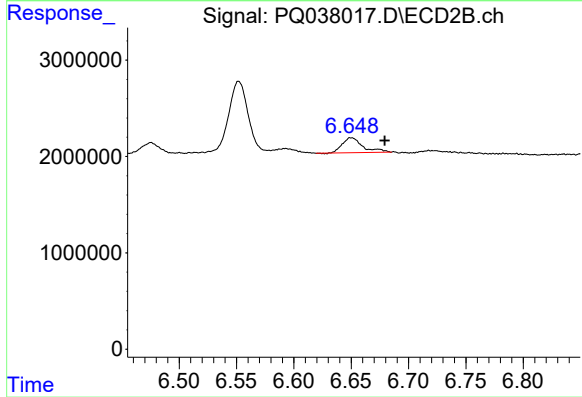
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.181 min
Response: 0
Conc: N.D.



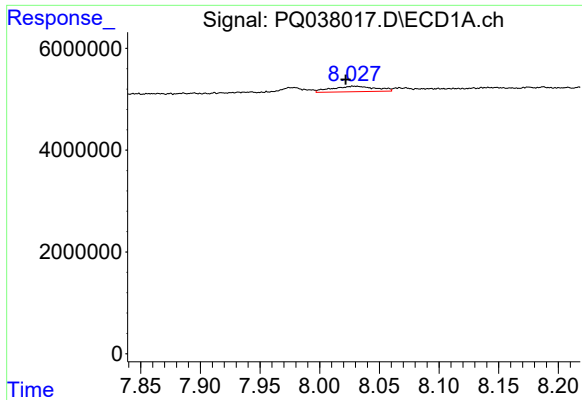
#36 AR-1262-1

R.T.: 7.596 min
Delta R.T.: 0.049 min
Response: 1325051
Conc: 8.58 ng/ml



#36 AR-1262-1

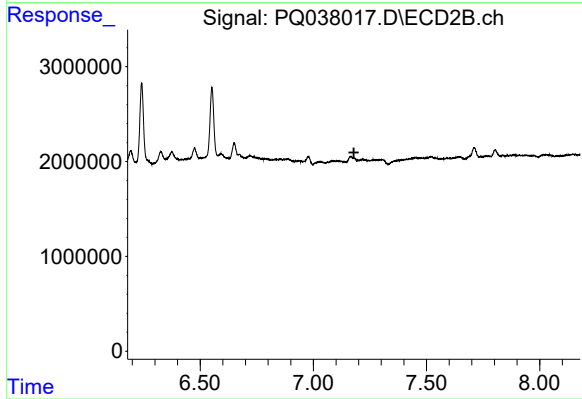
R.T.: 6.650 min
Delta R.T.: -0.029 min
Response: 1936333
Conc: 9.17 ng/ml



#37 AR-1262-2

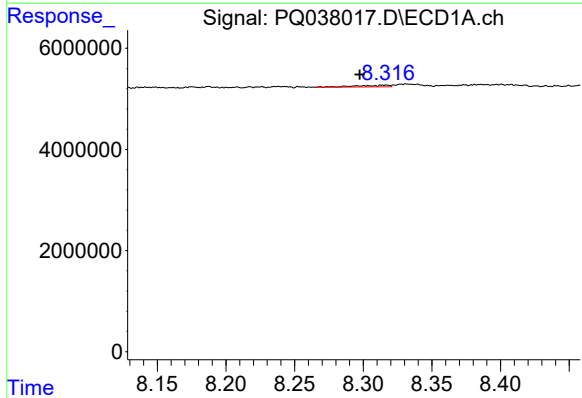
R.T.: 8.029 min
Delta R.T.: 0.007 min
Response: 2787077
Conc: 3.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



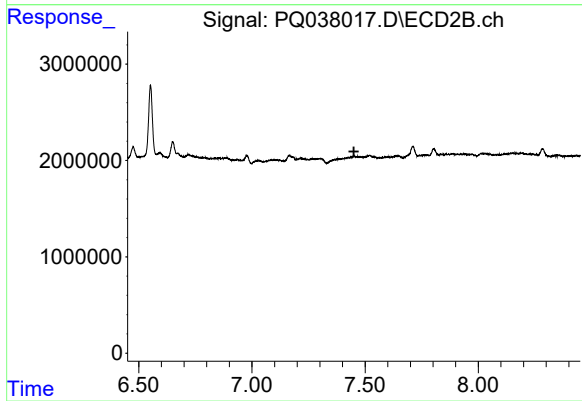
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.179 min
Response: 0
Conc: N.D.



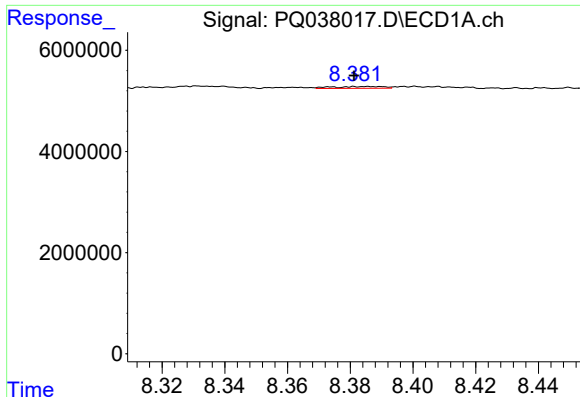
#38 AR-1262-3

R.T.: 8.315 min
Delta R.T.: 0.017 min
Response: 575914
Conc: 1.92 ng/ml



#38 AR-1262-3

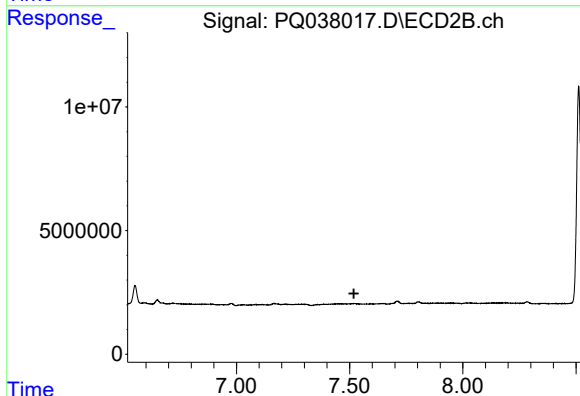
R.T.: 0.000 min
Exp R.T. : 7.450 min
Response: 0
Conc: N.D.



#39 AR-1262-4

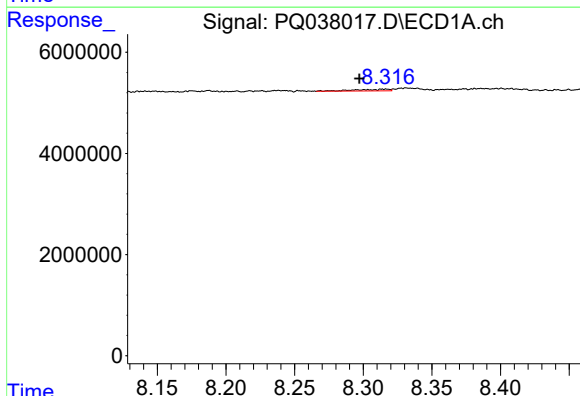
R.T.: 8.386 min
Delta R.T.: 0.005 min
Response: 411517
Conc: 1.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



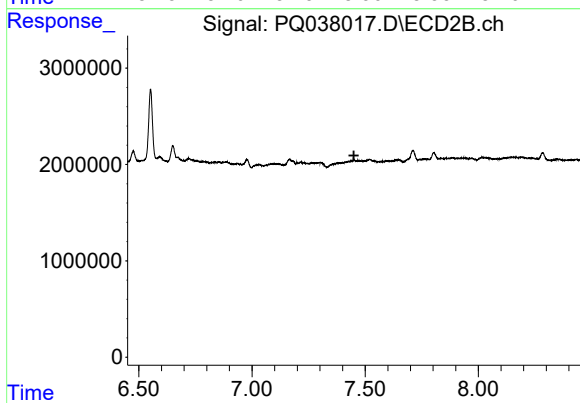
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.519 min
Response: 0
Conc: N.D.



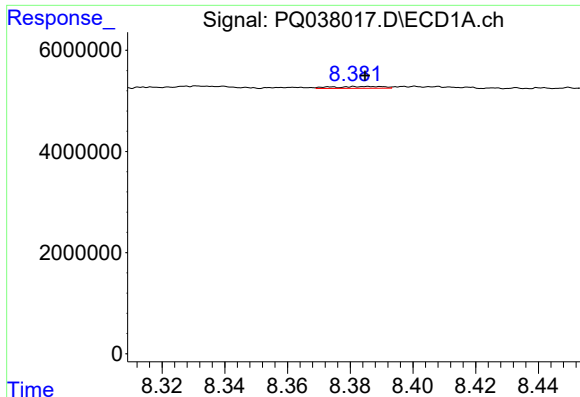
#41 AR-1268-1

R.T.: 8.315 min
Delta R.T.: 0.018 min
Response: 575914
Conc: 0.70 ng/ml



#41 AR-1268-1

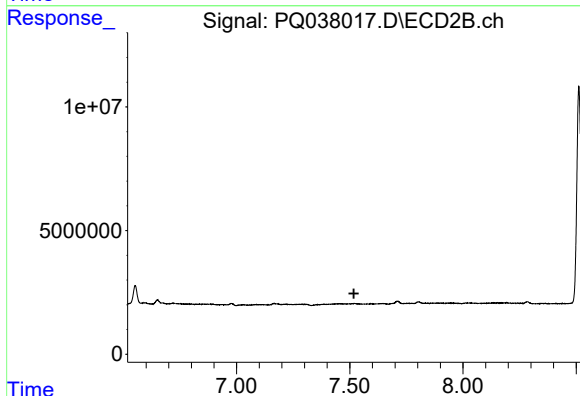
R.T.: 0.000 min
Exp R.T. : 7.450 min
Response: 0
Conc: N.D.



#42 AR-1268-2

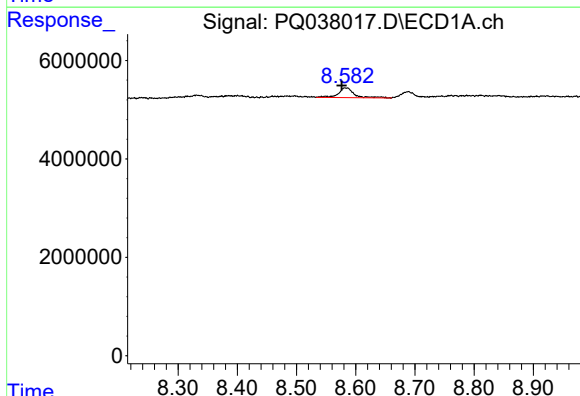
R.T.: 8.386 min
Delta R.T.: 0.001 min
Response: 411517
Conc: 0.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



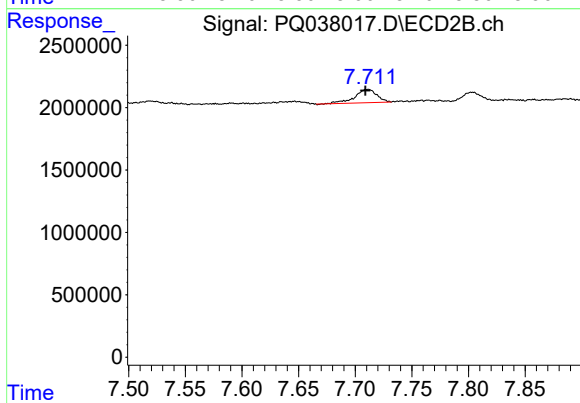
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.518 min
Response: 0
Conc: N.D.



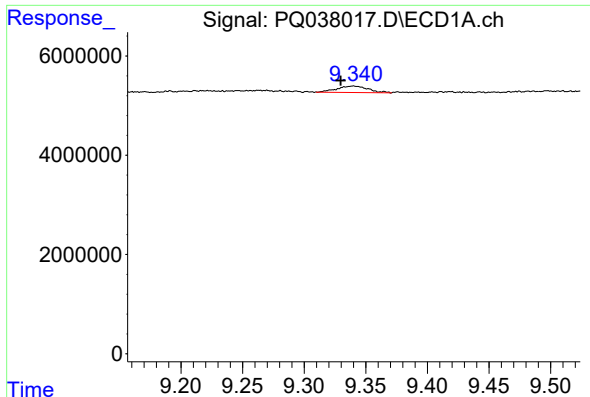
#43 AR-1268-3

R.T.: 8.582 min
Delta R.T.: 0.006 min
Response: 3761136
Conc: 5.74 ng/ml



#43 AR-1268-3

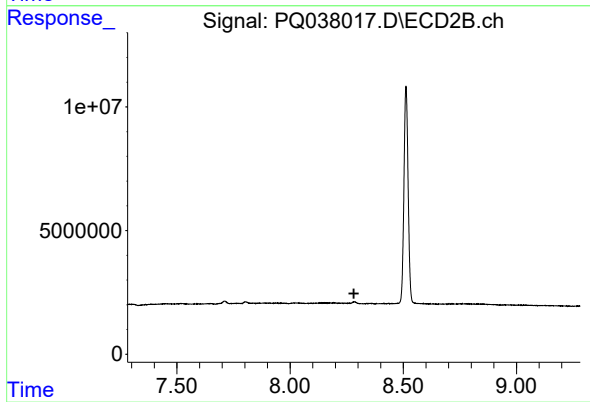
R.T.: 7.711 min
Delta R.T.: 0.002 min
Response: 1452441
Conc: 4.80 ng/ml



#45 AR-1268-5

R.T.: 9.340 min
Delta R.T.: 0.010 min
Response: 2311226
Conc: 1.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.282 min
Response: 0
Conc: N.D.