

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022819\
 Data File : PQ037638.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Feb 2019 18:43
 Operator : SM\SJ
 Sample : K1602-05MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BF5D5MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 00:00:51 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022619CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 26 04:57:52 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.224	3.655	130.9E6	65042134	23.015	24.693
2)	SA Decachlor...	9.687	8.544	149.8E6	79623683	29.654	34.320
Target Compounds							
3)	L1 AR-1016-1	5.390	4.714	116.5E6	41000128	403.074	265.751 #
4)	L1 AR-1016-2	5.390	4.730	116.5E6	61564296	260.693	256.470
5)	L1 AR-1016-3	5.450	4.904	70209746	30922036	267.126	253.942
6)	L1 AR-1016-4	5.549	4.943	58822875	24102058	267.556	258.068
7)	L1 AR-1016-5	5.832	5.153	56186476	30977840	261.388	247.315
8)	L2 AR-1221-1	4.431	3.859	5694977	3496466	90.886	102.758
9)	L2 AR-1221-2	4.521	3.947	8079017	4180686	183.464	174.308
10)	L2 AR-1221-3	4.596	4.020	37072970	18925173	241.191	223.791
11)	L3 AR-1232-1	4.596	4.020	37072970	18925173	324.854	305.726
12)	L3 AR-1232-2	5.107	4.730	54049539	61564296	924.518	895.967
13)	L3 AR-1232-3	5.390	4.904	116.5E6	30922036	932.630	887.942
14)	L3 AR-1232-4	5.549	4.983	58822875	29782892	920.500	1010.080
15)	L3 AR-1232-5	5.630	5.153	50475045	30977840	1106.737	911.546
16)	L4 AR-1242-1	5.390	4.714	116.5E6	41000128	710.198	456.432 #
17)	L4 AR-1242-2	5.390	4.730	116.5E6	61564296	462.208	451.470
18)	L4 AR-1242-3	5.450	4.904	70209746	30922036	464.160	438.415
19)	L4 AR-1242-4	5.549	4.983	58822875	29782892	467.305	434.062
20)	L4 AR-1242-5	6.268	5.495	7158396	24757625	51.583	283.173 #
21)	L5 AR-1248-1	5.369	4.714	75657923	41000128	642.838	614.618
22)	L5 AR-1248-2	5.630	4.943	50475045	24102058	294.214	266.611
23)	L5 AR-1248-3	5.832	4.983	56186476	29782892	289.201	322.698
24)	L5 AR-1248-4	6.230	5.153	8999319	30977840	39.580	272.981 #
25)	L5 AR-1248-5	6.268	5.538	7158396	3648096	33.146	33.228
26)	L6 AR-1254-1	6.199	5.495	41211109	24757625	194.585	149.311
27)	L6 AR-1254-2	6.410	5.640	44152104	22469261	131.667	157.775
28)	L6 AR-1254-3	6.779	6.046	22592675	39158955	65.098	171.628 #
29)	L6 AR-1254-4	7.058	6.265	14309706	3832772	51.706	22.318 #
30)	L6 AR-1254-5	7.473	6.672	140.3E6	74014315	507.778	382.251
31)	L7 AR-1260-1	6.932	6.162	96922702	55994122	218.136	220.855
32)	L7 AR-1260-2	7.186	6.349	123.3E6	66253517	213.261	215.549
33)	L7 AR-1260-3	7.538	6.499	80813474	61536345	180.895	216.694
34)	L7 AR-1260-4	7.767	6.962	81950352	41377861	187.104	188.003
35)	L7 AR-1260-5	8.072	7.205	179.5E6	98293042	179.086	186.166
36)	L8 AR-1262-1	7.538	6.703	80813474	45779088	202.323	218.743
37)	L8 AR-1262-2	8.072	7.205	179.5E6	98293042	259.126	265.330
38)	L8 AR-1262-3	8.352	7.477	35193146	18452023	117.536	126.245
39)	L8 AR-1262-4	8.430	7.546	59952617	68056006	170.624	255.196 #
40)	L8 AR-1262-5	9.044	8.038	39058732	18442308	163.776	157.856
41)	L9 AR-1268-1	8.352	7.477	35193146	18452023	26.252	28.169

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022819\
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 Acq On : 27 Feb 2019 18:43
 Operator : SM\SJ
 Sample : K1602-05MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

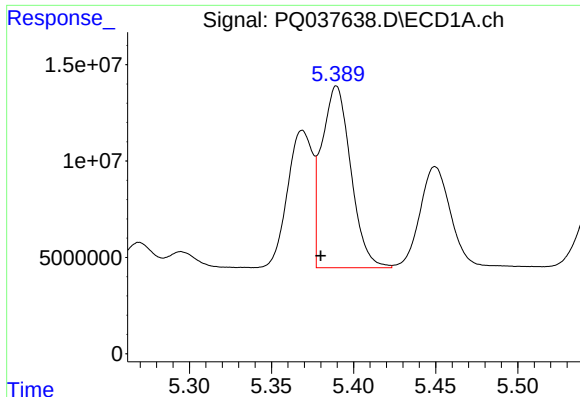
Instrument :
 ECD_Q
 ClientSampleId :
 BF5D5MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 00:00:51 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022619CLP.M
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.430	7.546	59952617	68056006	48.669	113.797 #
43) L9	AR-1268-3	8.637	7.737	4187017	1706277	3.821	3.427
44) L9	AR-1268-4	9.044	8.038	39058732	18442308	97.926	94.093
45) L9	AR-1268-5	9.404	8.313	14178864	6673688	4.362	4.337

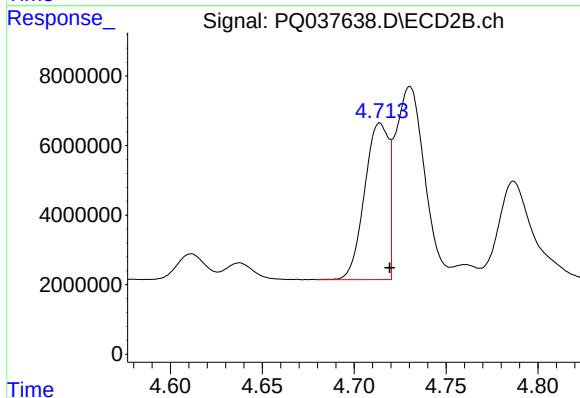
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

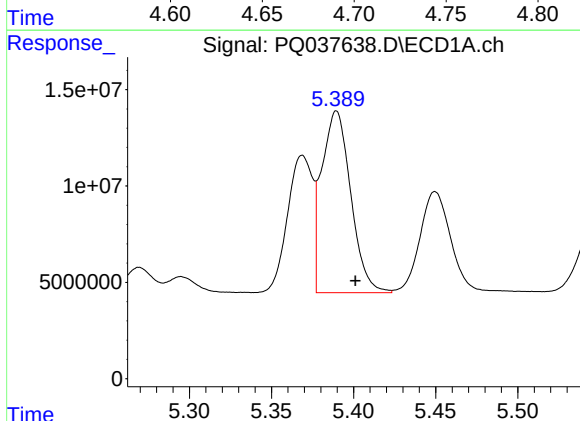
R.T.: 5.390 min
Delta R.T.: 0.010 min
Response: 116498601
Conc: 403.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5D5MS



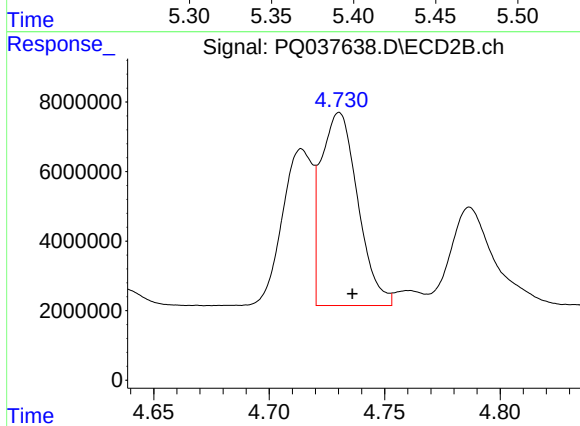
#3 AR-1016-1

R.T.: 4.714 min
Delta R.T.: -0.005 min
Response: 41000128
Conc: 265.75 ng/ml



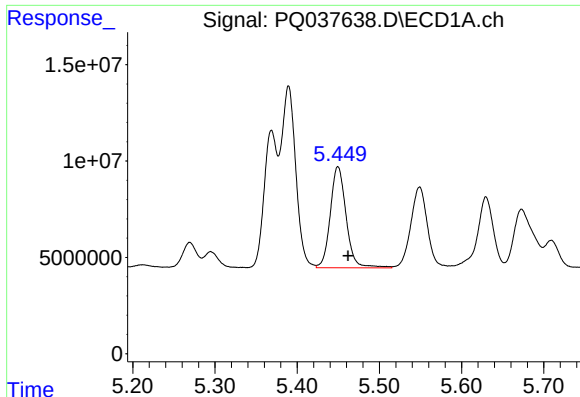
#4 AR-1016-2

R.T.: 5.390 min
Delta R.T.: -0.012 min
Response: 116498601
Conc: 260.69 ng/ml



#4 AR-1016-2

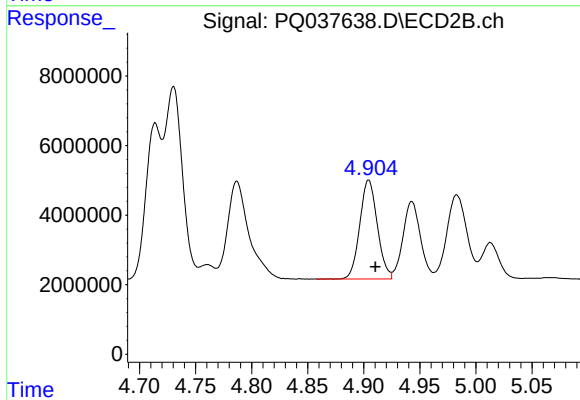
R.T.: 4.730 min
Delta R.T.: -0.006 min
Response: 61564296
Conc: 256.47 ng/ml



#5 AR-1016-3

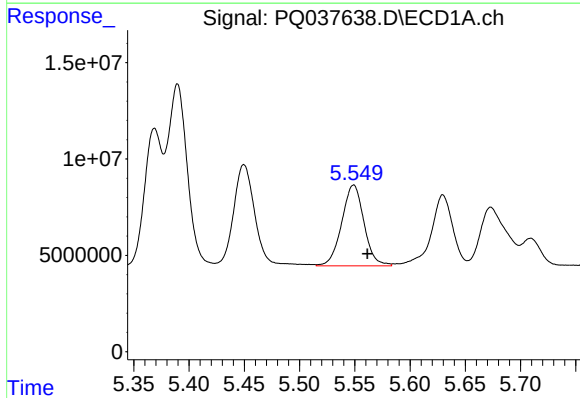
R.T.: 5.450 min
Delta R.T.: -0.012 min
Response: 70209746
Conc: 267.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5D5MS



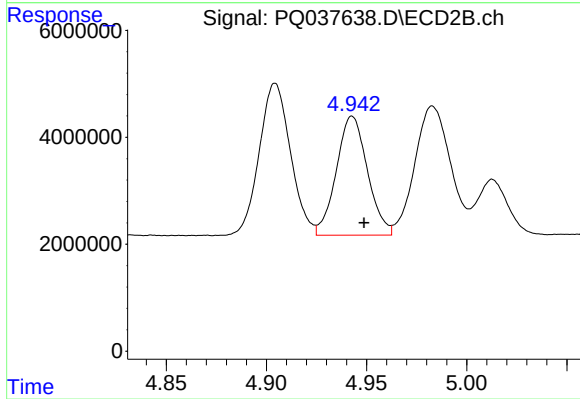
#5 AR-1016-3

R.T.: 4.904 min
Delta R.T.: -0.006 min
Response: 30922036
Conc: 253.94 ng/ml



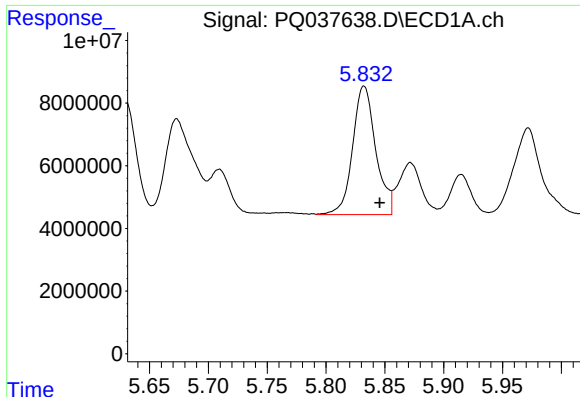
#6 AR-1016-4

R.T.: 5.549 min
Delta R.T.: -0.012 min
Response: 58822875
Conc: 267.56 ng/ml



#6 AR-1016-4

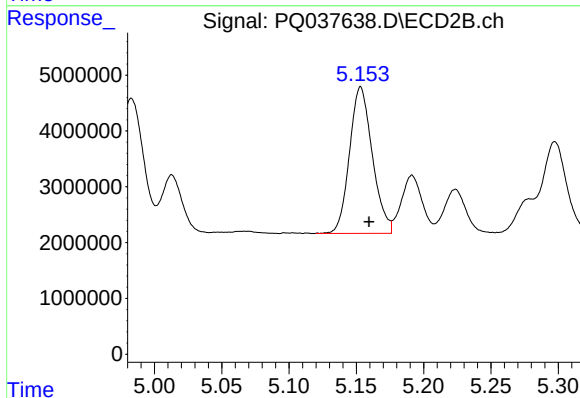
R.T.: 4.943 min
Delta R.T.: -0.006 min
Response: 24102058
Conc: 258.07 ng/ml



#7 AR-1016-5

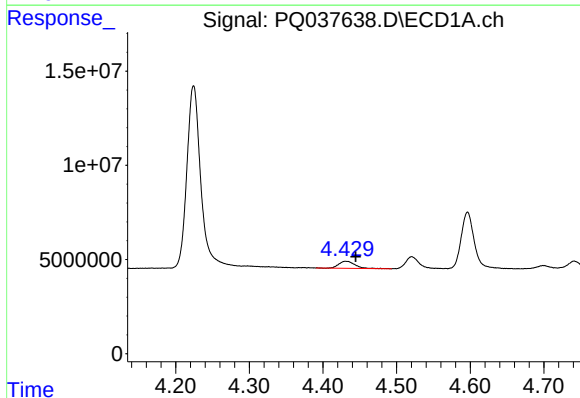
R.T.: 5.832 min
Delta R.T.: -0.013 min
Response: 56186476
Conc: 261.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5D5MS



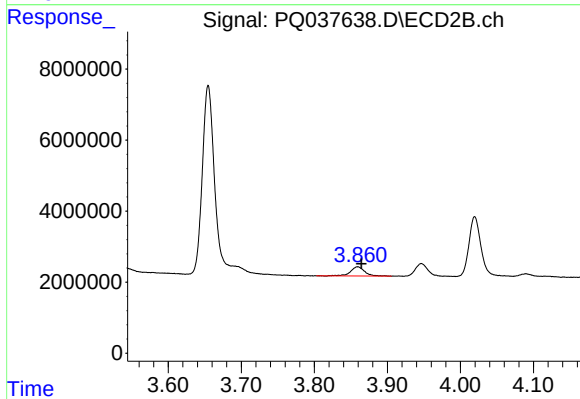
#7 AR-1016-5

R.T.: 5.153 min
Delta R.T.: -0.006 min
Response: 30977840
Conc: 247.32 ng/ml



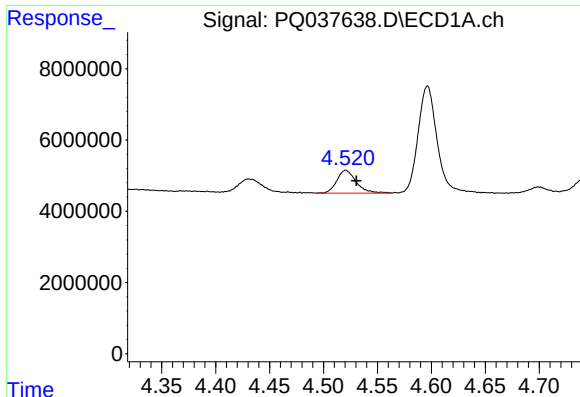
#8 AR-1221-1

R.T.: 4.431 min
Delta R.T.: -0.014 min
Response: 5694977
Conc: 90.89 ng/ml



#8 AR-1221-1

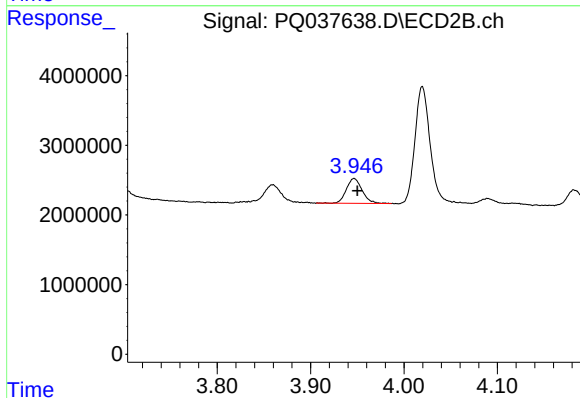
R.T.: 3.859 min
Delta R.T.: -0.005 min
Response: 3496466
Conc: 102.76 ng/ml



#9 AR-1221-2

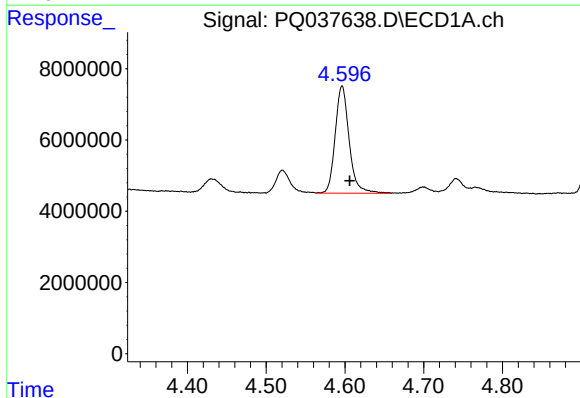
R.T.: 4.521 min
Delta R.T.: -0.010 min
Response: 8079017
Conc: 183.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5D5MS



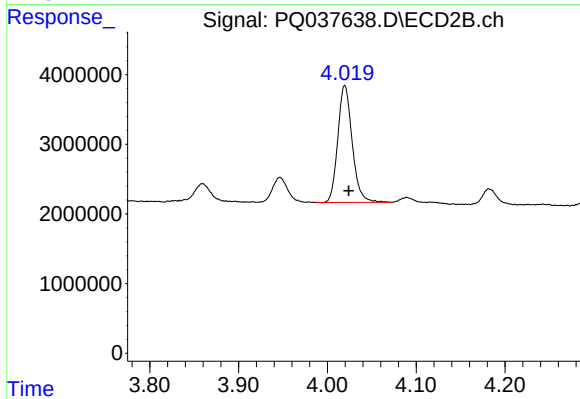
#9 AR-1221-2

R.T.: 3.947 min
Delta R.T.: -0.003 min
Response: 4180686
Conc: 174.31 ng/ml



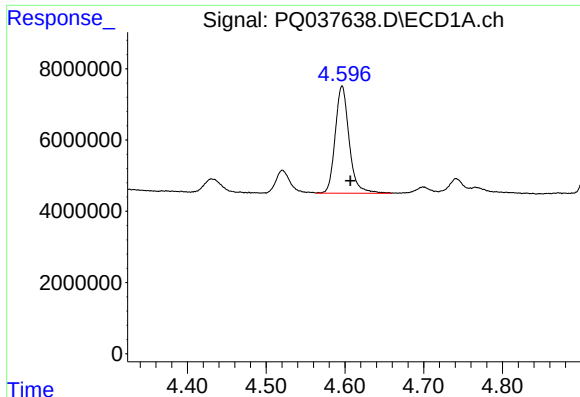
#10 AR-1221-3

R.T.: 4.596 min
Delta R.T.: -0.010 min
Response: 37072970
Conc: 241.19 ng/ml



#10 AR-1221-3

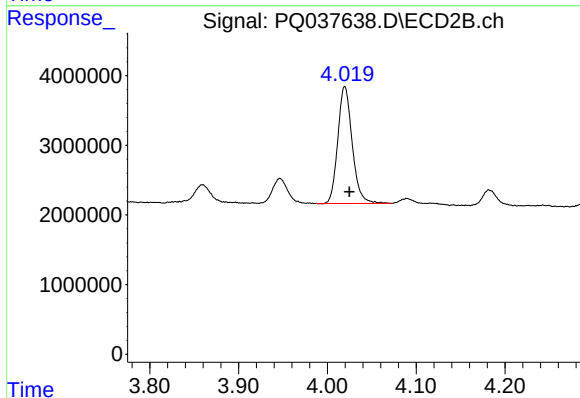
R.T.: 4.020 min
Delta R.T.: -0.004 min
Response: 18925173
Conc: 223.79 ng/ml



#11 AR-1232-1

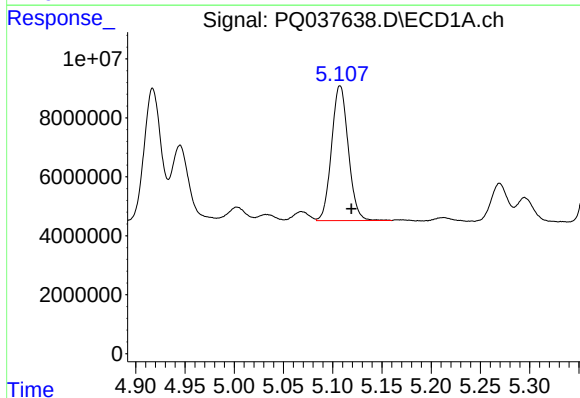
R.T.: 4.596 min
Delta R.T.: -0.011 min
Response: 37072970
Conc: 324.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5D5MS



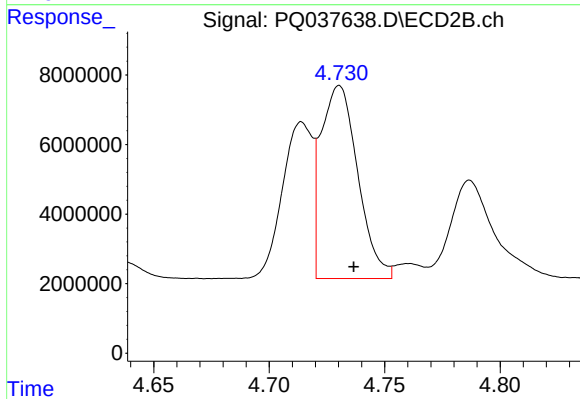
#11 AR-1232-1

R.T.: 4.020 min
Delta R.T.: -0.005 min
Response: 18925173
Conc: 305.73 ng/ml



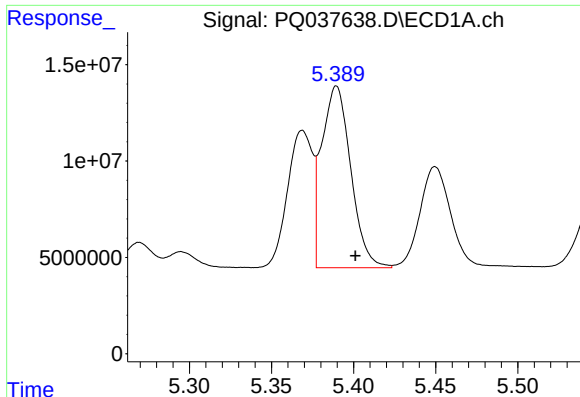
#12 AR-1232-2

R.T.: 5.107 min
Delta R.T.: -0.012 min
Response: 54049539
Conc: 924.52 ng/ml



#12 AR-1232-2

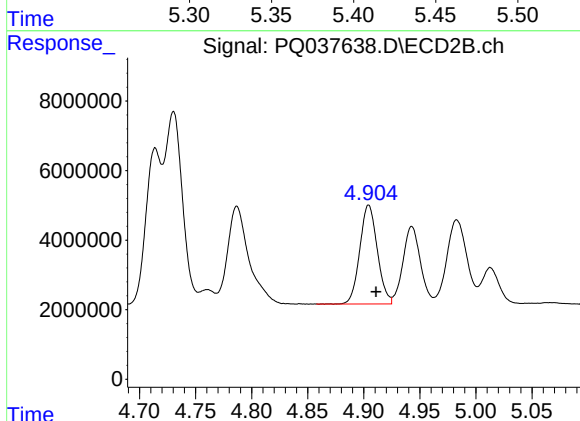
R.T.: 4.730 min
Delta R.T.: -0.006 min
Response: 61564296
Conc: 895.97 ng/ml



#13 AR-1232-3

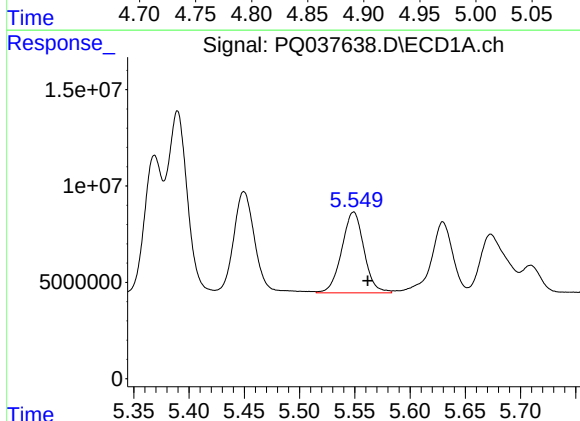
R.T.: 5.390 min
Delta R.T.: -0.012 min
Response: 116498601
Conc: 932.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5D5MS



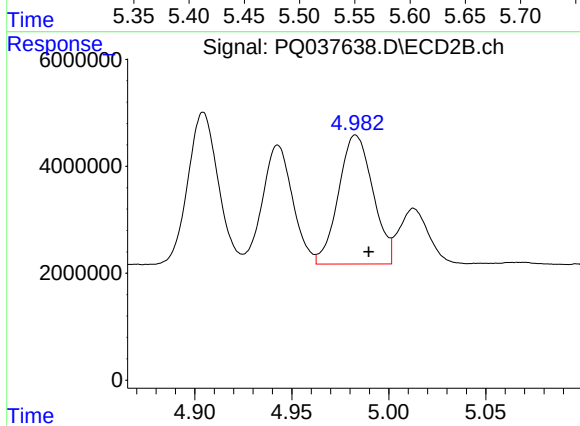
#13 AR-1232-3

R.T.: 4.904 min
Delta R.T.: -0.006 min
Response: 30922036
Conc: 887.94 ng/ml



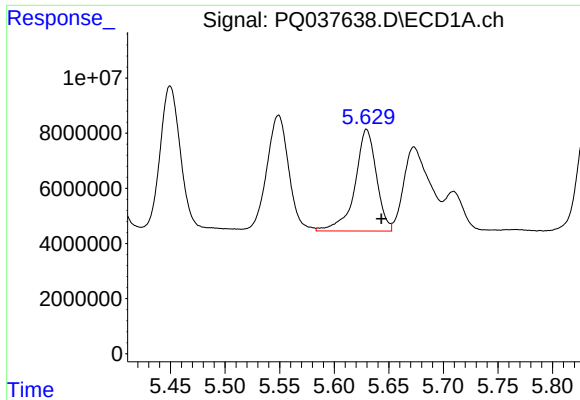
#14 AR-1232-4

R.T.: 5.549 min
Delta R.T.: -0.013 min
Response: 58822875
Conc: 920.50 ng/ml



#14 AR-1232-4

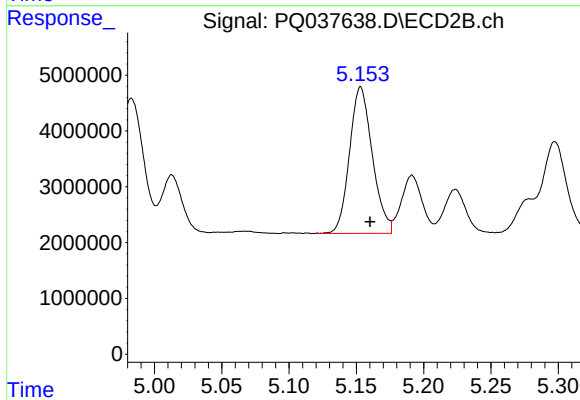
R.T.: 4.983 min
Delta R.T.: -0.007 min
Response: 29782892
Conc: 1010.08 ng/ml



#15 AR-1232-5

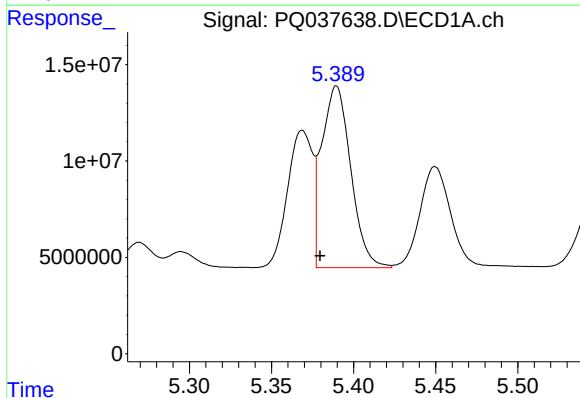
R.T.: 5.630 min
Delta R.T.: -0.014 min
Response: 50475045
Conc: 1106.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5D5MS



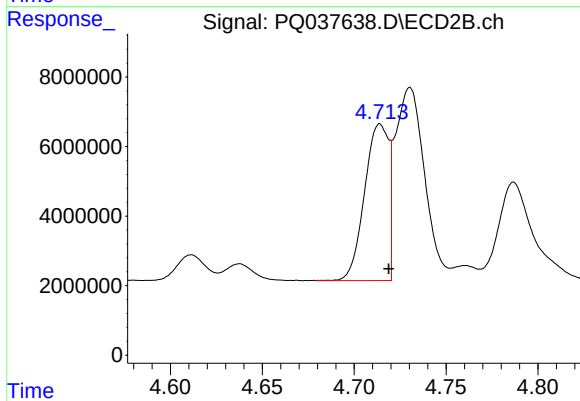
#15 AR-1232-5

R.T.: 5.153 min
Delta R.T.: -0.007 min
Response: 30977840
Conc: 911.55 ng/ml



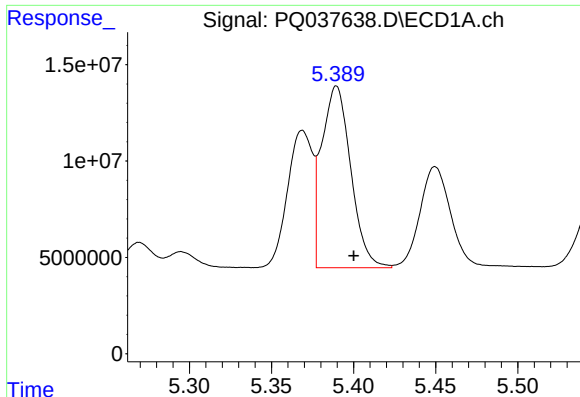
#16 AR-1242-1

R.T.: 5.390 min
Delta R.T.: 0.010 min
Response: 116498601
Conc: 710.20 ng/ml



#16 AR-1242-1

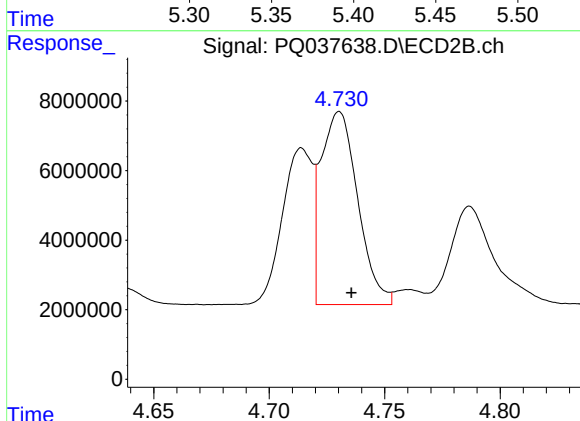
R.T.: 4.714 min
Delta R.T.: -0.005 min
Response: 41000128
Conc: 456.43 ng/ml



#17 AR-1242-2

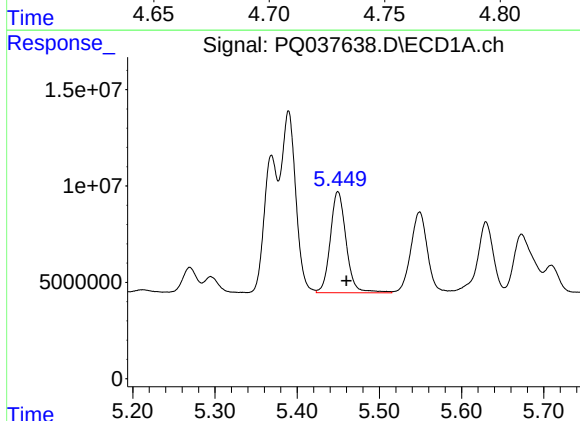
R.T.: 5.390 min
Delta R.T.: -0.010 min
Response: 116498601
Conc: 462.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5D5MS



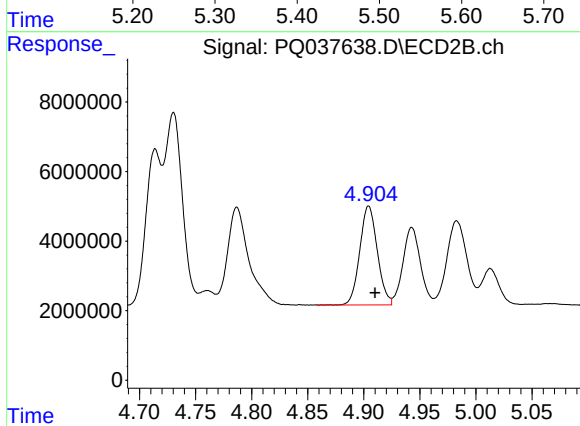
#17 AR-1242-2

R.T.: 4.730 min
Delta R.T.: -0.005 min
Response: 61564296
Conc: 451.47 ng/ml



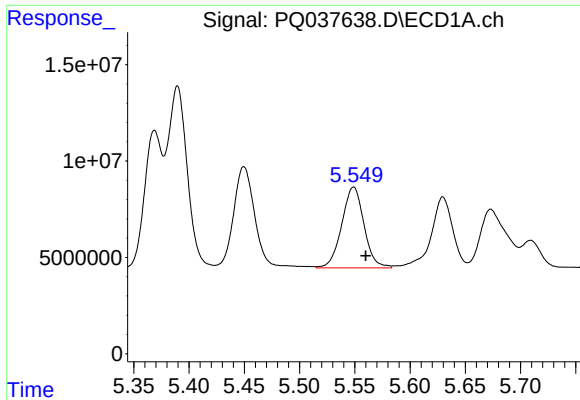
#18 AR-1242-3

R.T.: 5.450 min
Delta R.T.: -0.010 min
Response: 70209746
Conc: 464.16 ng/ml



#18 AR-1242-3

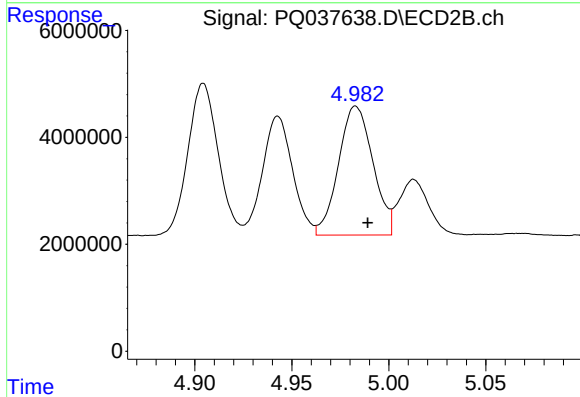
R.T.: 4.904 min
Delta R.T.: -0.006 min
Response: 30922036
Conc: 438.42 ng/ml



#19 AR-1242-4

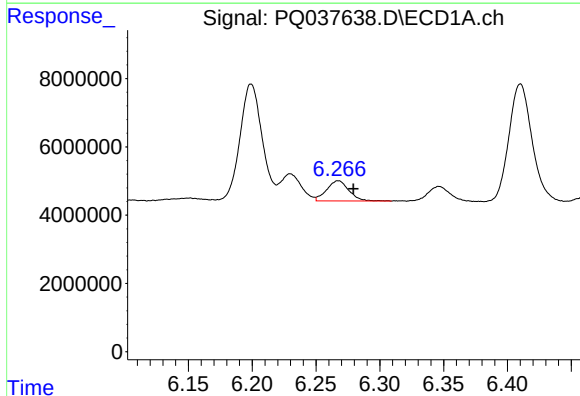
R.T.: 5.549 min
Delta R.T.: -0.011 min
Response: 58822875
Conc: 467.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5D5MS



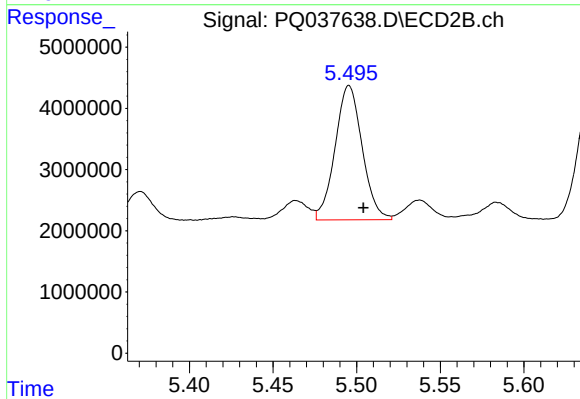
#19 AR-1242-4

R.T.: 4.983 min
Delta R.T.: -0.006 min
Response: 29782892
Conc: 434.06 ng/ml



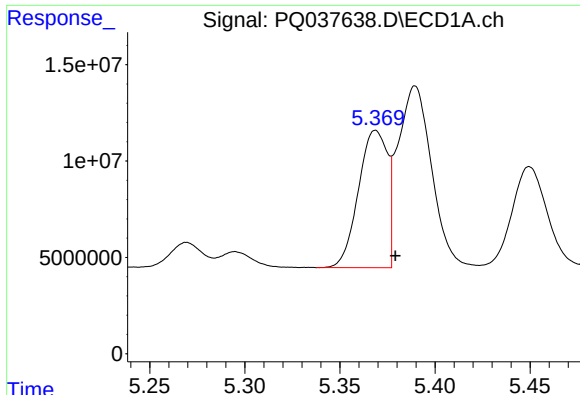
#20 AR-1242-5

R.T.: 6.268 min
Delta R.T.: -0.012 min
Response: 7158396
Conc: 51.58 ng/ml



#20 AR-1242-5

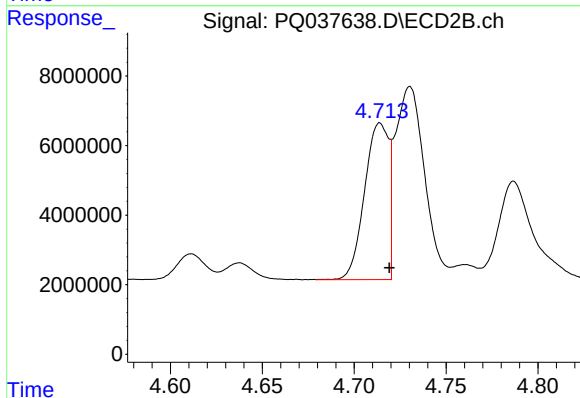
R.T.: 5.495 min
Delta R.T.: -0.008 min
Response: 24757625
Conc: 283.17 ng/ml



#21 AR-1248-1

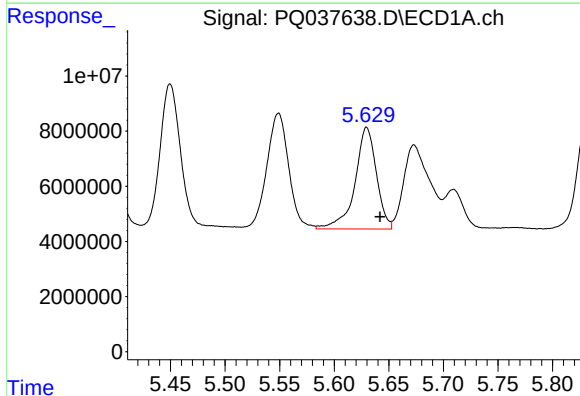
R.T.: 5.369 min
Delta R.T.: -0.010 min
Response: 75657923
Conc: 642.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5D5MS



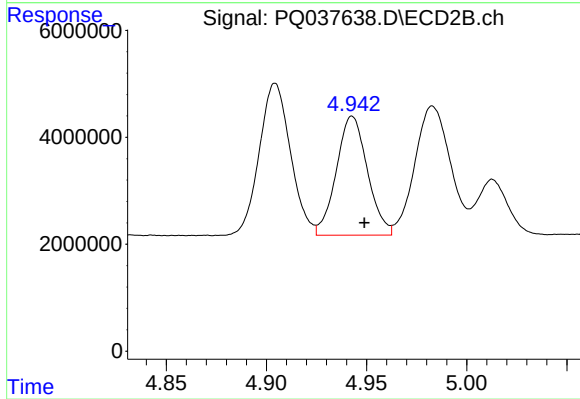
#21 AR-1248-1

R.T.: 4.714 min
Delta R.T.: -0.005 min
Response: 41000128
Conc: 614.62 ng/ml



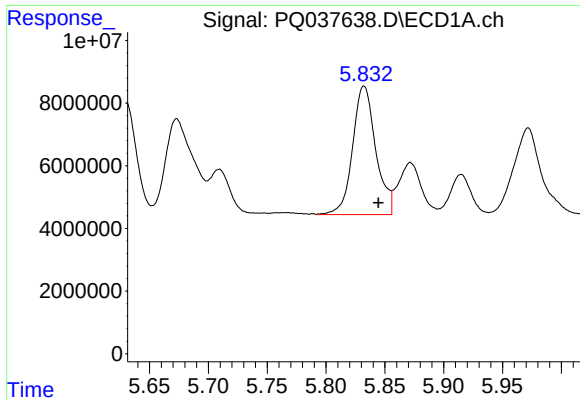
#22 AR-1248-2

R.T.: 5.630 min
Delta R.T.: -0.012 min
Response: 50475045
Conc: 294.21 ng/ml



#22 AR-1248-2

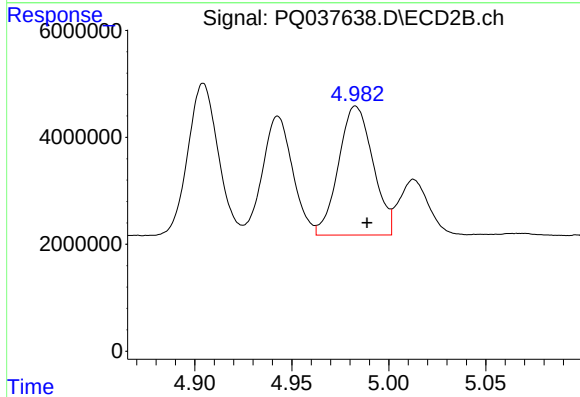
R.T.: 4.943 min
Delta R.T.: -0.006 min
Response: 24102058
Conc: 266.61 ng/ml



#23 AR-1248-3

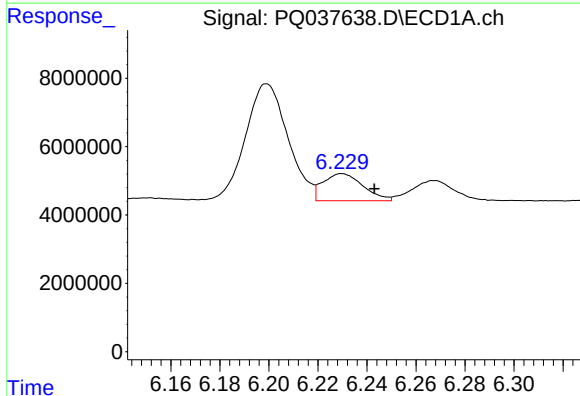
R.T.: 5.832 min
Delta R.T.: -0.012 min
Response: 56186476
Conc: 289.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5D5MS



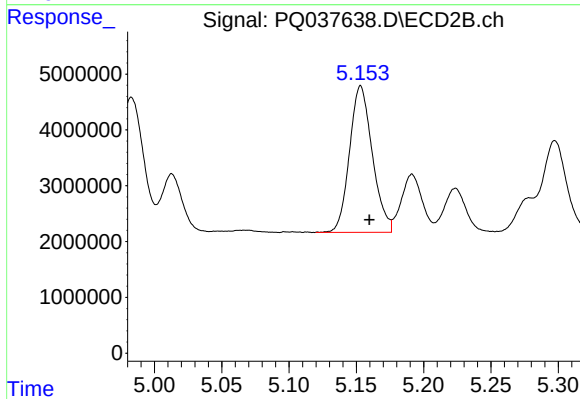
#23 AR-1248-3

R.T.: 4.983 min
Delta R.T.: -0.006 min
Response: 29782892
Conc: 322.70 ng/ml



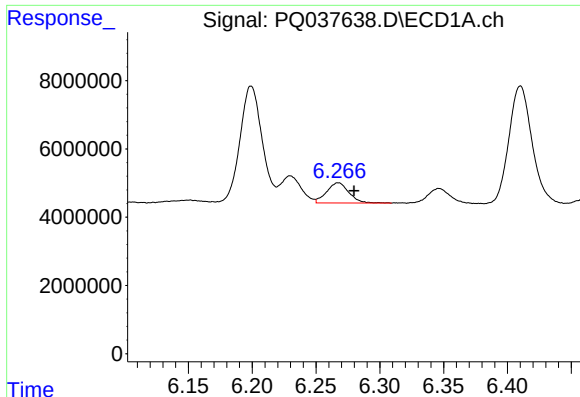
#24 AR-1248-4

R.T.: 6.230 min
Delta R.T.: -0.013 min
Response: 8999319
Conc: 39.58 ng/ml



#24 AR-1248-4

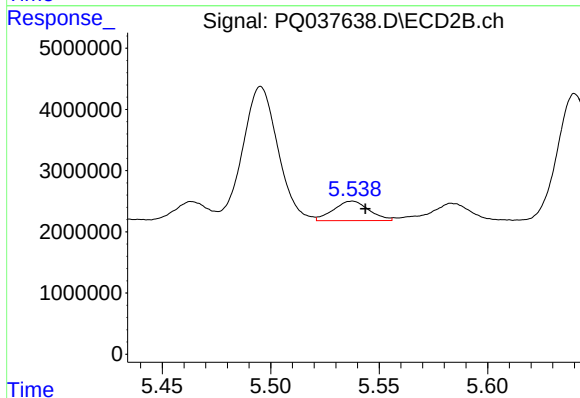
R.T.: 5.153 min
Delta R.T.: -0.007 min
Response: 30977840
Conc: 272.98 ng/ml



#25 AR-1248-5

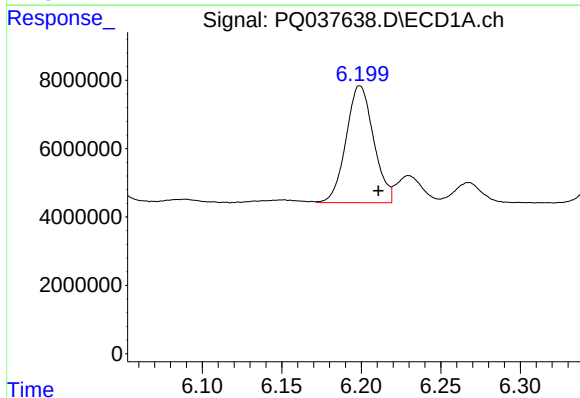
R.T.: 6.268 min
Delta R.T.: -0.012 min
Response: 7158396
Conc: 33.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5D5MS



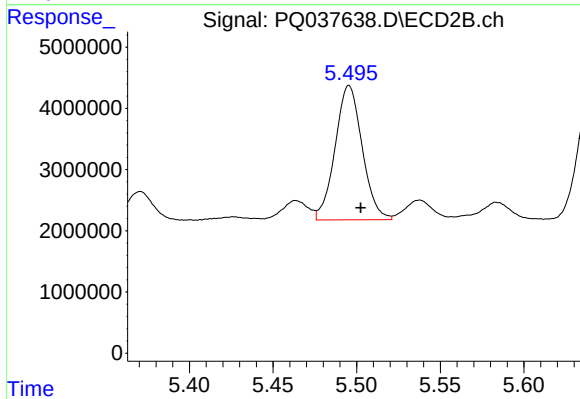
#25 AR-1248-5

R.T.: 5.538 min
Delta R.T.: -0.006 min
Response: 3648096
Conc: 33.23 ng/ml



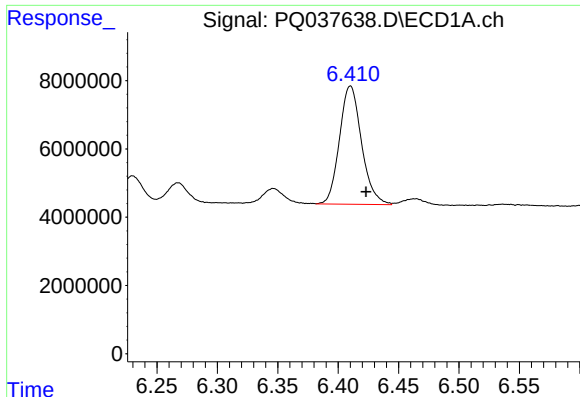
#26 AR-1254-1

R.T.: 6.199 min
Delta R.T.: -0.012 min
Response: 41211109
Conc: 194.58 ng/ml



#26 AR-1254-1

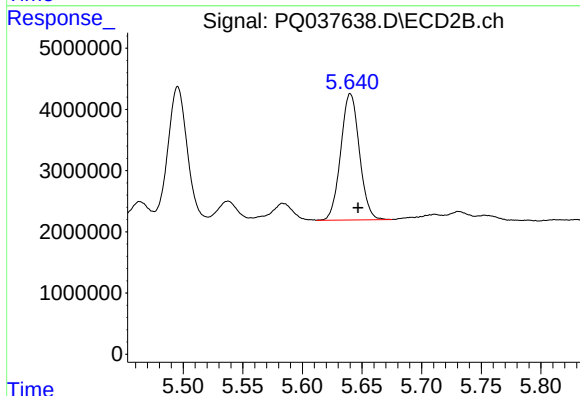
R.T.: 5.495 min
Delta R.T.: -0.007 min
Response: 24757625
Conc: 149.31 ng/ml



#27 AR-1254-2

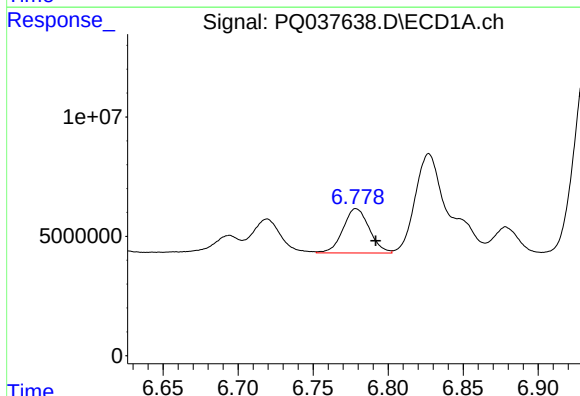
R.T.: 6.410 min
Delta R.T.: -0.013 min
Response: 44152104
Conc: 131.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5D5MS



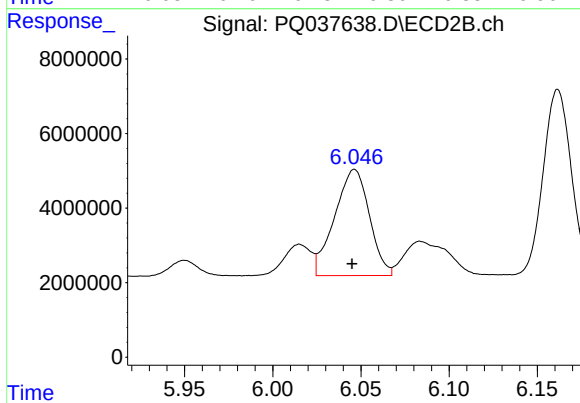
#27 AR-1254-2

R.T.: 5.640 min
Delta R.T.: -0.006 min
Response: 22469261
Conc: 157.77 ng/ml



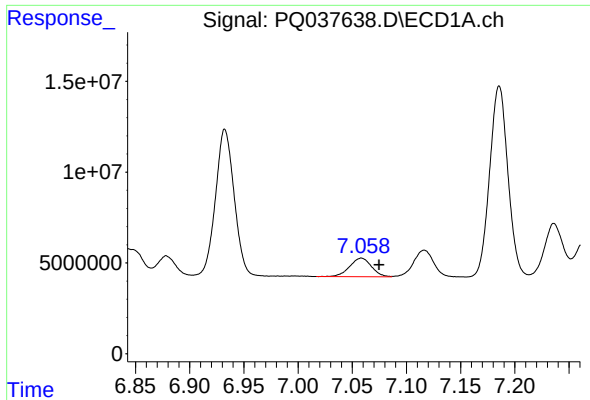
#28 AR-1254-3

R.T.: 6.779 min
Delta R.T.: -0.013 min
Response: 22592675
Conc: 65.10 ng/ml



#28 AR-1254-3

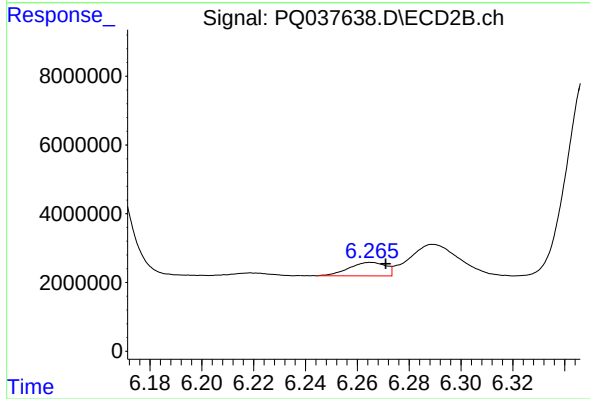
R.T.: 6.046 min
Delta R.T.: 0.001 min
Response: 39158955
Conc: 171.63 ng/ml



#29 AR-1254-4

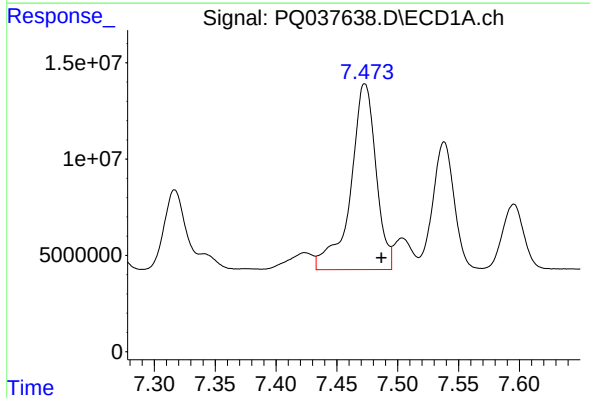
R.T.: 7.058 min
Delta R.T.: -0.016 min
Response: 14309706
Conc: 51.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5D5MS



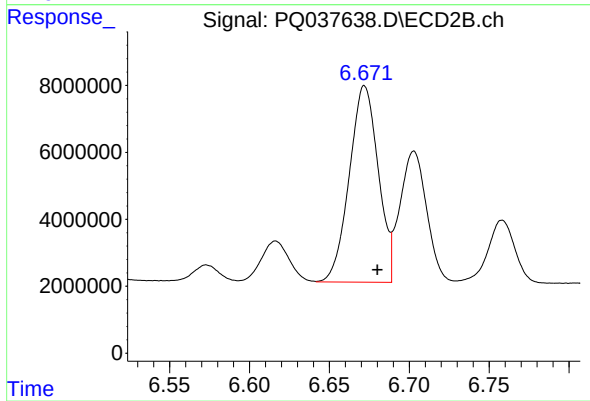
#29 AR-1254-4

R.T.: 6.265 min
Delta R.T.: -0.006 min
Response: 3832772
Conc: 22.32 ng/ml



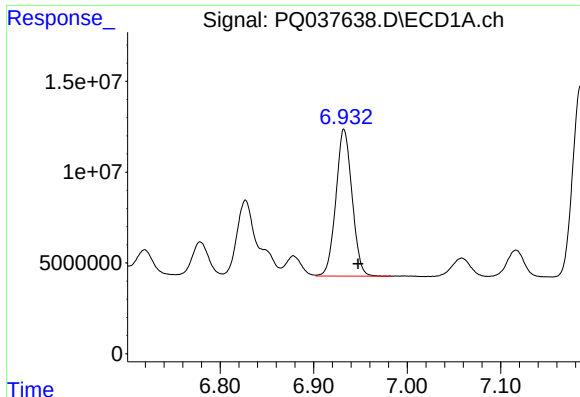
#30 AR-1254-5

R.T.: 7.473 min
Delta R.T.: -0.014 min
Response: 140341079
Conc: 507.78 ng/ml



#30 AR-1254-5

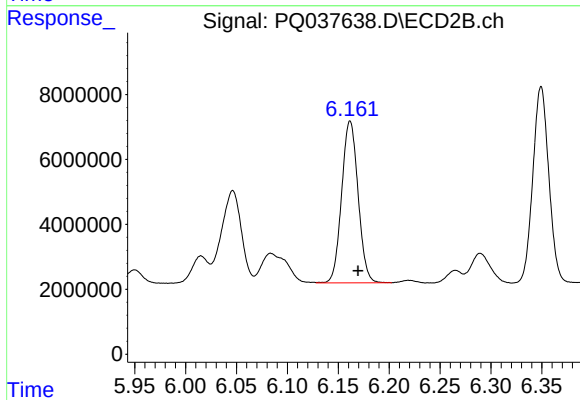
R.T.: 6.672 min
Delta R.T.: -0.008 min
Response: 74014315
Conc: 382.25 ng/ml



#31 AR-1260-1

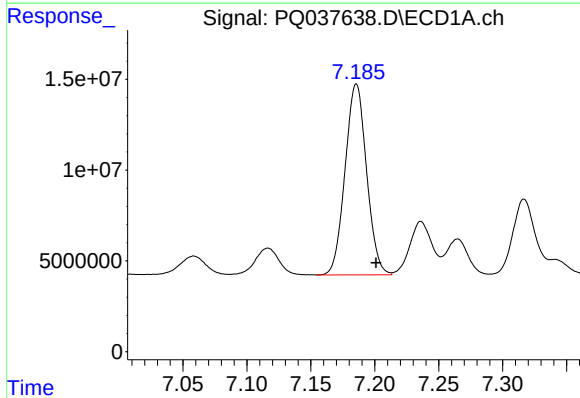
R.T.: 6.932 min
Delta R.T.: -0.015 min
Response: 96922702
Conc: 218.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5D5MS



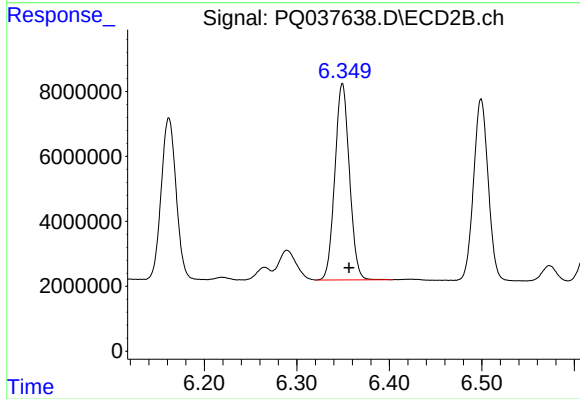
#31 AR-1260-1

R.T.: 6.162 min
Delta R.T.: -0.008 min
Response: 55994122
Conc: 220.86 ng/ml



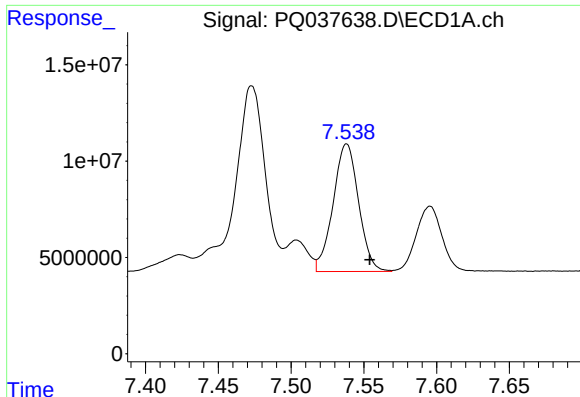
#32 AR-1260-2

R.T.: 7.186 min
Delta R.T.: -0.015 min
Response: 123306543
Conc: 213.26 ng/ml



#32 AR-1260-2

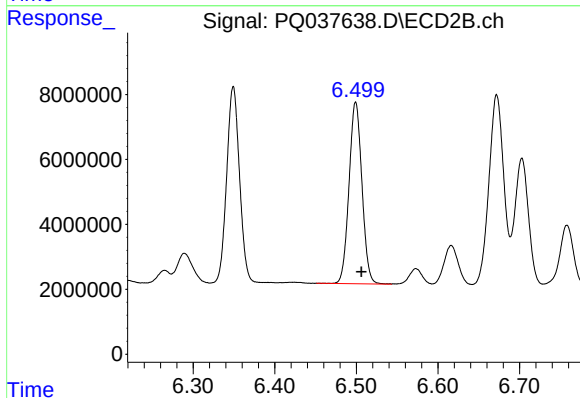
R.T.: 6.349 min
Delta R.T.: -0.007 min
Response: 66253517
Conc: 215.55 ng/ml



#33 AR-1260-3

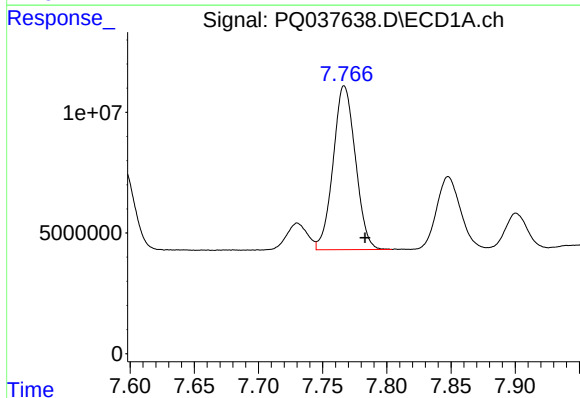
R.T.: 7.538 min
Delta R.T.: -0.016 min
Response: 80813474
Conc: 180.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5D5MS



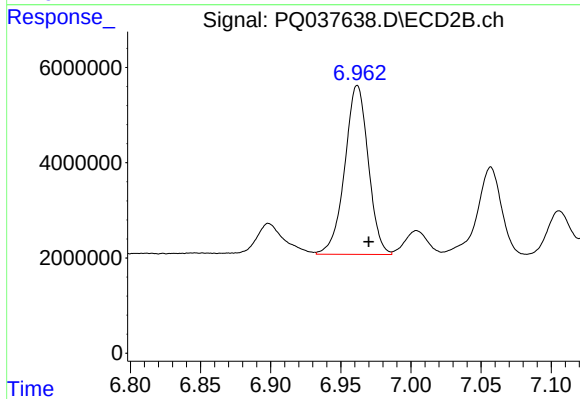
#33 AR-1260-3

R.T.: 6.499 min
Delta R.T.: -0.007 min
Response: 61536345
Conc: 216.69 ng/ml



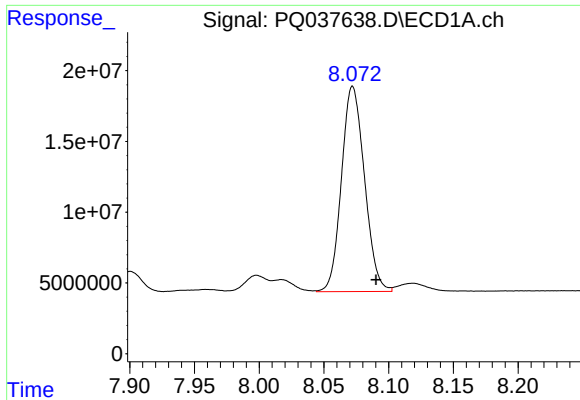
#34 AR-1260-4

R.T.: 7.767 min
Delta R.T.: -0.016 min
Response: 81950352
Conc: 187.10 ng/ml



#34 AR-1260-4

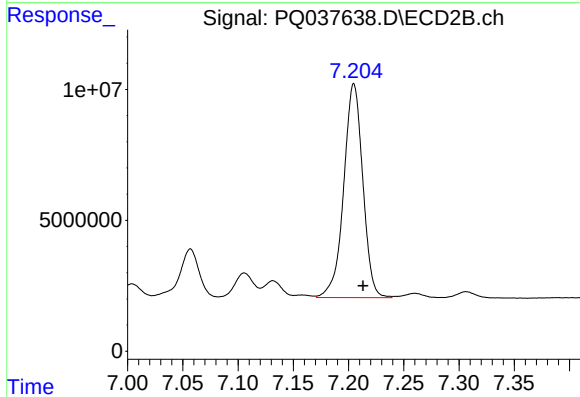
R.T.: 6.962 min
Delta R.T.: -0.008 min
Response: 41377861
Conc: 188.00 ng/ml



#35 AR-1260-5

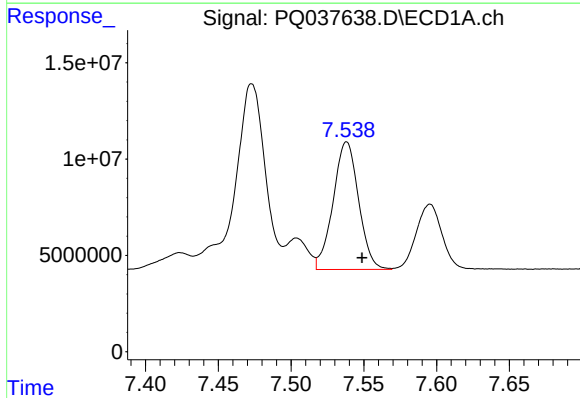
R.T.: 8.072 min
Delta R.T.: -0.018 min
Response: 179507071
Conc: 179.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5D5MS



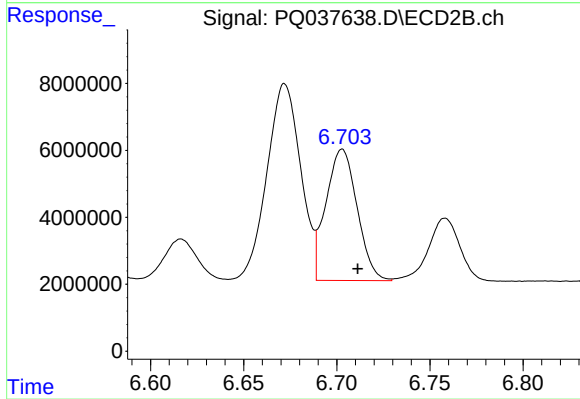
#35 AR-1260-5

R.T.: 7.205 min
Delta R.T.: -0.008 min
Response: 98293042
Conc: 186.17 ng/ml



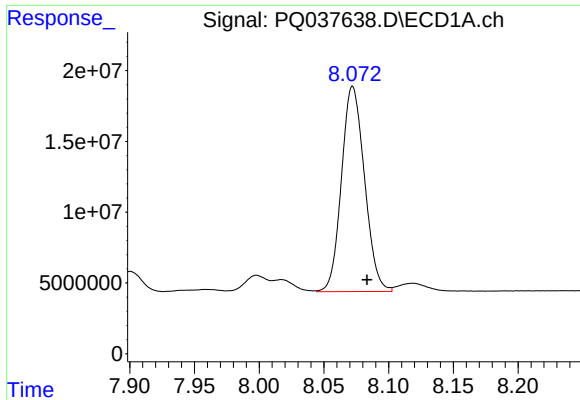
#36 AR-1262-1

R.T.: 7.538 min
Delta R.T.: -0.011 min
Response: 80813474
Conc: 202.32 ng/ml



#36 AR-1262-1

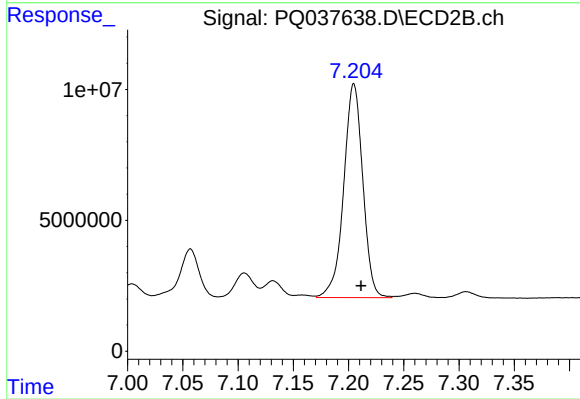
R.T.: 6.703 min
Delta R.T.: -0.008 min
Response: 45779088
Conc: 218.74 ng/ml



#37 AR-1262-2

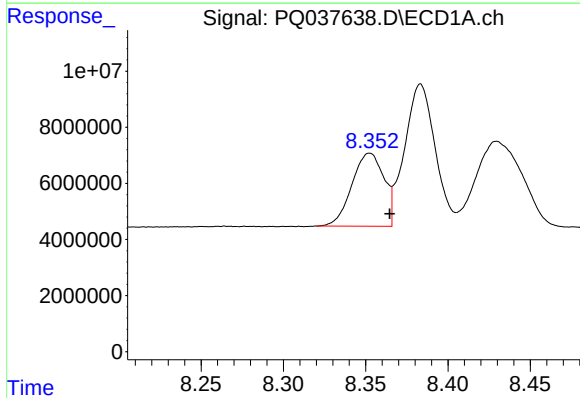
R.T.: 8.072 min
Delta R.T.: -0.011 min
Response: 179507071
Conc: 259.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5D5MS



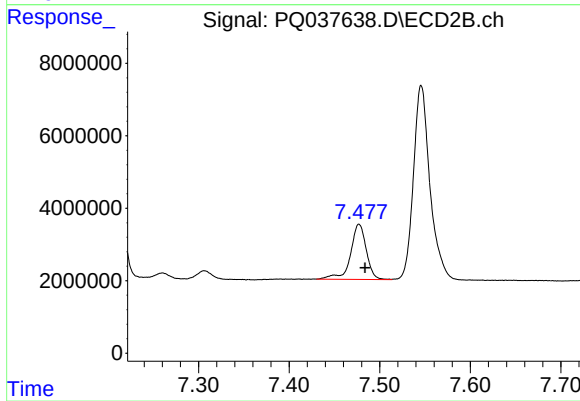
#37 AR-1262-2

R.T.: 7.205 min
Delta R.T.: -0.006 min
Response: 98293042
Conc: 265.33 ng/ml



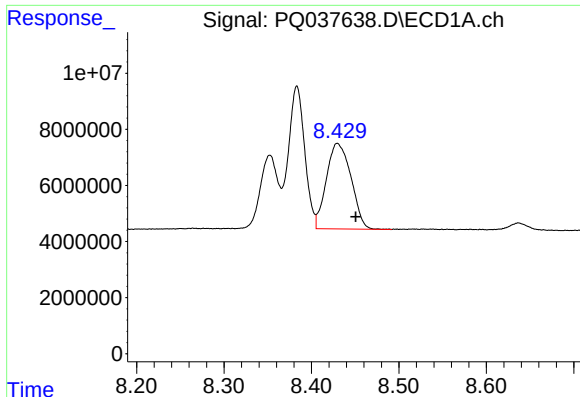
#38 AR-1262-3

R.T.: 8.352 min
Delta R.T.: -0.012 min
Response: 35193146
Conc: 117.54 ng/ml



#38 AR-1262-3

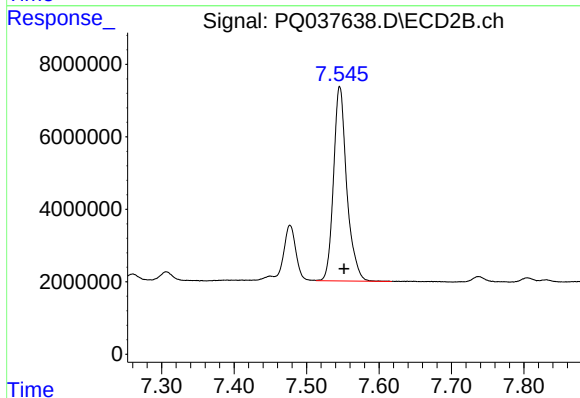
R.T.: 7.477 min
Delta R.T.: -0.006 min
Response: 18452023
Conc: 126.24 ng/ml



#39 AR-1262-4

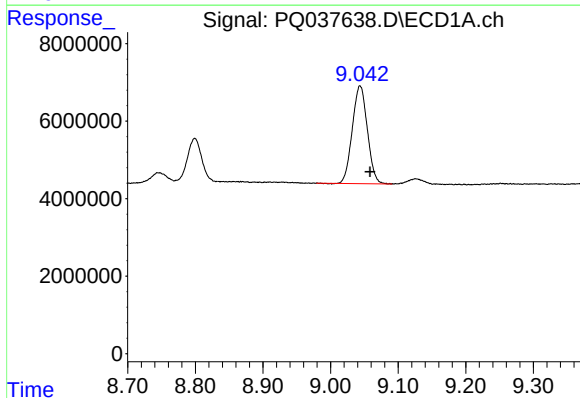
R.T.: 8.430 min
Delta R.T.: -0.021 min
Response: 59952617
Conc: 170.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5D5MS



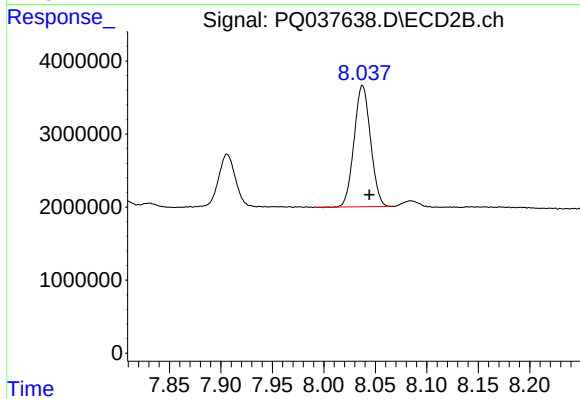
#39 AR-1262-4

R.T.: 7.546 min
Delta R.T.: -0.006 min
Response: 68056006
Conc: 255.20 ng/ml



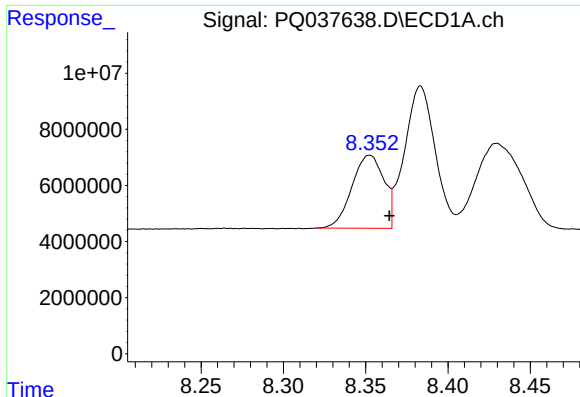
#40 AR-1262-5

R.T.: 9.044 min
Delta R.T.: -0.015 min
Response: 39058732
Conc: 163.78 ng/ml



#40 AR-1262-5

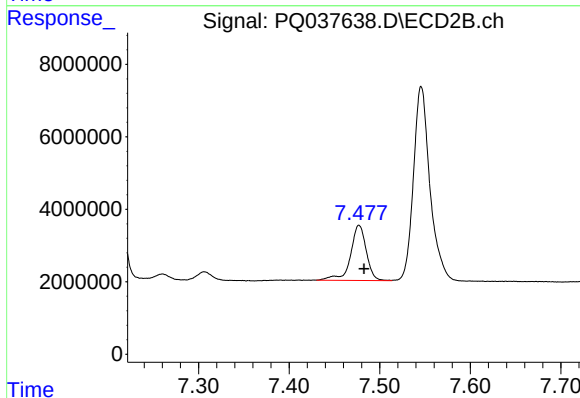
R.T.: 8.038 min
Delta R.T.: -0.007 min
Response: 18442308
Conc: 157.86 ng/ml



#41 AR-1268-1

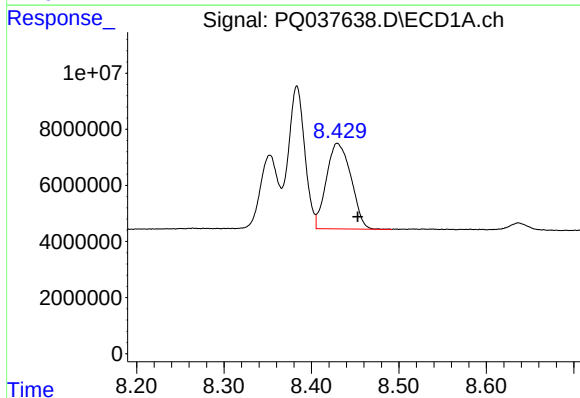
R.T.: 8.352 min
Delta R.T.: -0.012 min
Response: 35193146
Conc: 26.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5D5MS



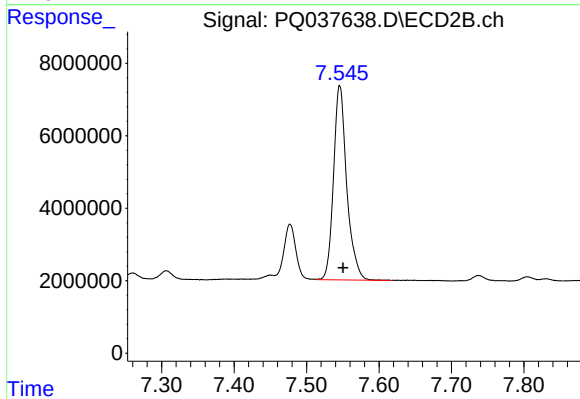
#41 AR-1268-1

R.T.: 7.477 min
Delta R.T.: -0.005 min
Response: 18452023
Conc: 28.17 ng/ml



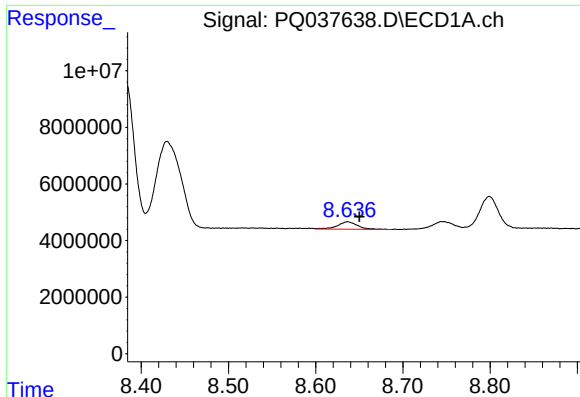
#42 AR-1268-2

R.T.: 8.430 min
Delta R.T.: -0.023 min
Response: 59952617
Conc: 48.67 ng/ml



#42 AR-1268-2

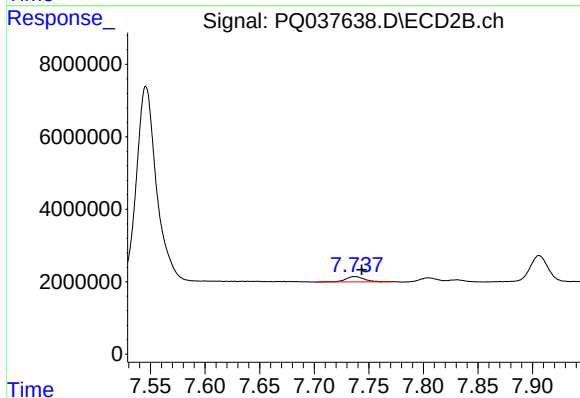
R.T.: 7.546 min
Delta R.T.: -0.005 min
Response: 68056006
Conc: 113.80 ng/ml



#43 AR-1268-3

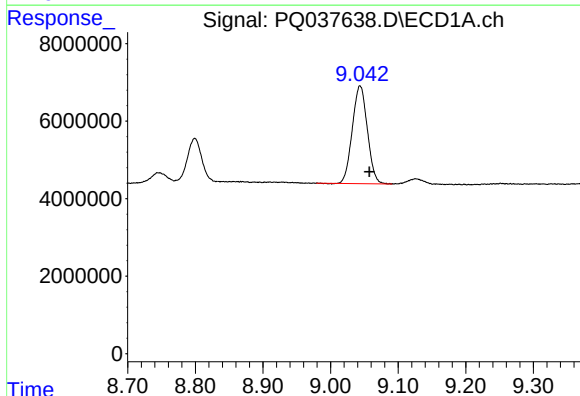
R.T.: 8.637 min
Delta R.T.: -0.013 min
Response: 4187017
Conc: 3.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5D5MS



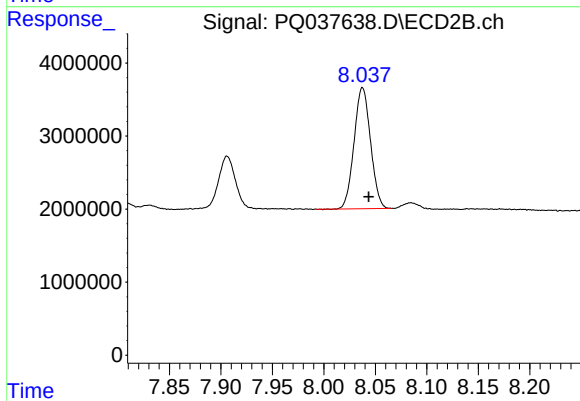
#43 AR-1268-3

R.T.: 7.737 min
Delta R.T.: -0.006 min
Response: 1706277
Conc: 3.43 ng/ml



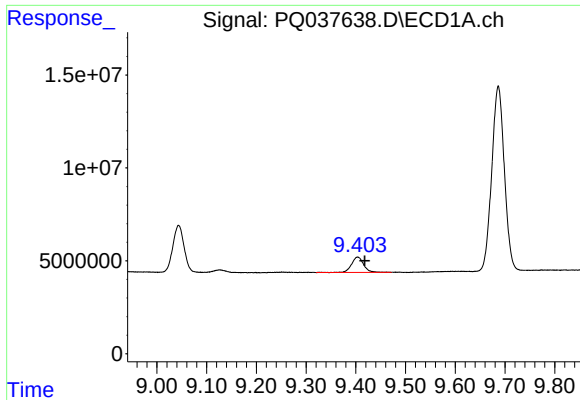
#44 AR-1268-4

R.T.: 9.044 min
Delta R.T.: -0.014 min
Response: 39058732
Conc: 97.93 ng/ml



#44 AR-1268-4

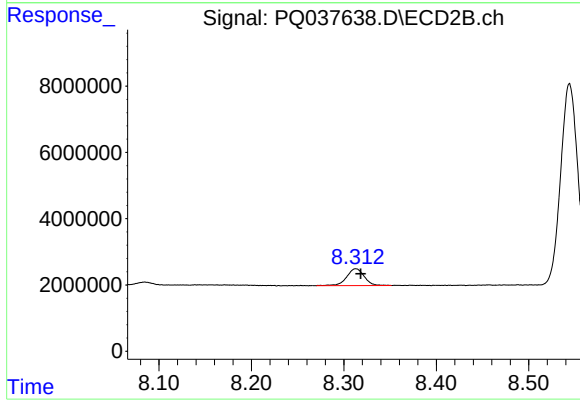
R.T.: 8.038 min
Delta R.T.: -0.006 min
Response: 18442308
Conc: 94.09 ng/ml



#45 AR-1268-5

R.T.: 9.404 min
Delta R.T.: -0.014 min
Response: 14178864
Conc: 4.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5D5MS



#45 AR-1268-5

R.T.: 8.313 min
Delta R.T.: -0.005 min
Response: 6673688
Conc: 4.34 ng/ml