

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030119\
 Data File : PQ037659.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2019 17:01
 Operator : SM\SJ
 Sample : PB117473BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ALCS73

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 23:48:56 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...	4.222	3.654	120.5E6	61522830	21.185	23.357
2)	SA Decachlor...	9.685	8.544	209.4E6	106.0E6	41.456	45.697
Target Compounds							
3)	L1 AR-1016-1	5.387	4.713	32325036	11174223	111.842	72.428 #
4)	L1 AR-1016-2	5.387	4.730	32325036	16721399	72.335	69.660
5)	L1 AR-1016-3	5.448	4.904	20234152	8582644	76.984	70.484
6)	L1 AR-1016-4	5.547	4.942	16749411	6980337	76.185	74.741
7)	L1 AR-1016-5	5.830	5.153	16944031	8598281	78.826	68.645
8)	L2 AR-1221-1	4.432	0.000	1718010	0	27.418	N.D. #
9)	L2 AR-1221-2	4.521	3.948	4218612	1804298	95.799	75.228
10)	L2 AR-1221-3	4.594	4.019	9697817	5609175	63.093	66.329
11)	L3 AR-1232-1	4.594	4.019	9697817	5609175	84.978	90.613
12)	L3 AR-1232-2	5.105	4.730	16255127	16721399	278.044	243.352
13)	L3 AR-1232-3	5.387	4.904	32325036	8582644	258.778	246.455
14)	L3 AR-1232-4	5.547	4.982	16749411	8366784	262.106	283.758
15)	L3 AR-1232-5	5.629	5.153	13521396	8598281	296.476	253.011
16)	L4 AR-1242-1	5.387	4.713	32325036	11174223	197.060	124.396 #
17)	L4 AR-1242-2	5.387	4.730	32325036	16721399	128.250	122.623
18)	L4 AR-1242-3	5.448	4.904	20234152	8582644	133.769	121.685
19)	L4 AR-1242-4	5.547	4.982	16749411	8366784	133.062	121.939
20)	L4 AR-1242-5	6.266	5.495	2316189	6507814	16.690	74.435 #
21)	L5 AR-1248-1	5.387	4.713	32325036	11174223	274.654	167.509 #
22)	L5 AR-1248-2	5.629	4.942	13521396	6980337	78.815	77.215
23)	L5 AR-1248-3	5.830	4.982	16944031	8366784	87.214	90.654
24)	L5 AR-1248-4	6.229	5.153	2494544	8598281	10.971	75.769 #
25)	L5 AR-1248-5	6.266	5.495	2316189	6507814	10.725	59.275 #
26)	L6 AR-1254-1	6.199	5.495	11049765	6507814	52.173	39.248
27)	L6 AR-1254-2	6.409	5.640	11904120	6515782	35.500	45.753 #
28)	L6 AR-1254-3	6.779	6.045	5900050	11385840	17.000	49.903 #
29)	L6 AR-1254-4	7.059	6.263	4317119	1282415	15.599	7.467 #
30)	L6 AR-1254-5	7.473	6.672	41476985	22474144	150.071	116.069
31)	L7 AR-1260-1	6.932	6.161	27997465	16727604	63.012	65.978
32)	L7 AR-1260-2	7.185	6.348	35575427	20554699	61.528	66.873
33)	L7 AR-1260-3	7.538	6.498	25789909	18646351	57.729	65.661
34)	L7 AR-1260-4	7.767	6.961	25307209	12986068	57.780	59.003
35)	L7 AR-1260-5	8.073	7.205	56405143	32502470	56.273	61.559
36)	L8 AR-1262-1	7.538	6.703	25789909	15256447	64.567	72.899
37)	L8 AR-1262-2	8.073	7.205	56405143	32502470	81.423	87.737
38)	L8 AR-1262-3	8.352	7.477	11599620	6912044	38.740	47.291
39)	L8 AR-1262-4	8.431	7.545	19540888	23365212	55.613	87.615 #
40)	L8 AR-1262-5	9.045	8.038	13165450	7104529	55.204	60.811
41)	L9 AR-1268-1	8.352	7.477	11599620	6912044	8.652	10.552

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 Sample : PB117473BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

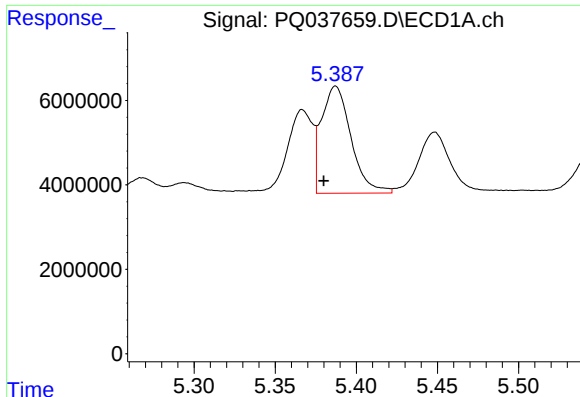
Instrument :
 ECD_Q
 ClientSampleId :
 ALCS73

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 23:48:56 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022619CLP.M
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 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
42) L9	AR-1268-2	8.431	7.545	19540888	23365212	15.863	39.069 #
43) L9	AR-1268-3	8.637	0.000	2152535	0	1.964	N.D. #
44) L9	AR-1268-4	9.045	8.038	13165450	7104529	33.008	36.247
45) L9	AR-1268-5	9.404	8.312	5166465	2769317	1.589	1.800

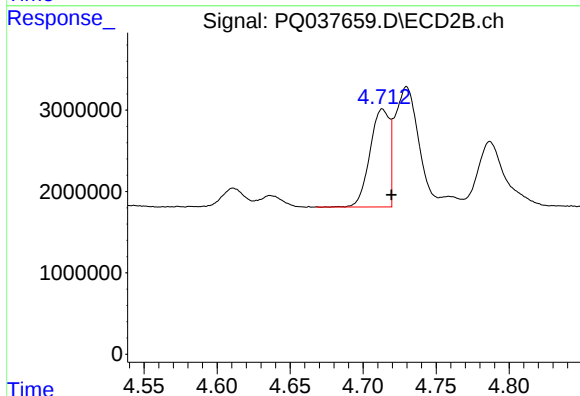
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

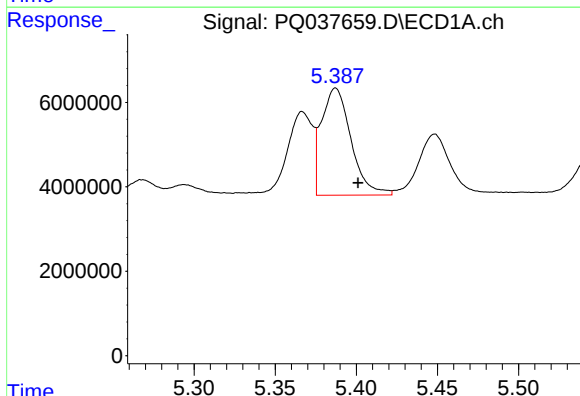
R.T.: 5.387 min
Delta R.T.: 0.007 min
Response: 32325036
Conc: 111.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS73



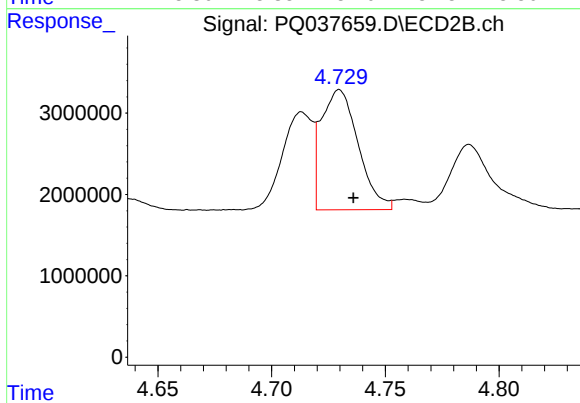
#3 AR-1016-1

R.T.: 4.713 min
Delta R.T.: -0.006 min
Response: 11174223
Conc: 72.43 ng/ml



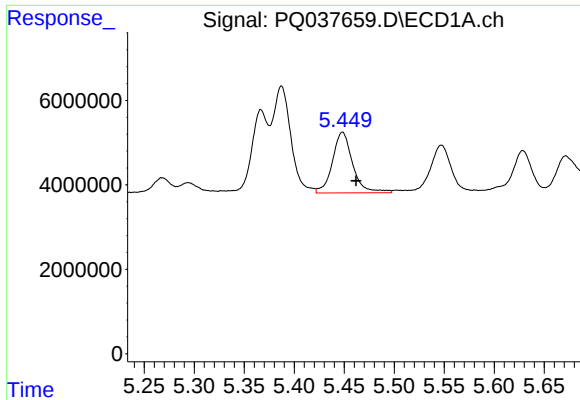
#4 AR-1016-2

R.T.: 5.387 min
Delta R.T.: -0.014 min
Response: 32325036
Conc: 72.33 ng/ml



#4 AR-1016-2

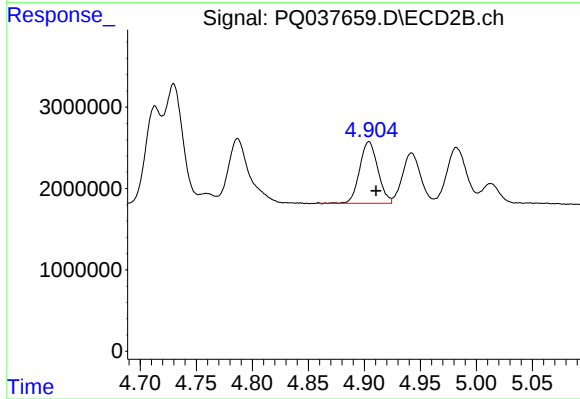
R.T.: 4.730 min
Delta R.T.: -0.006 min
Response: 16721399
Conc: 69.66 ng/ml



#5 AR-1016-3

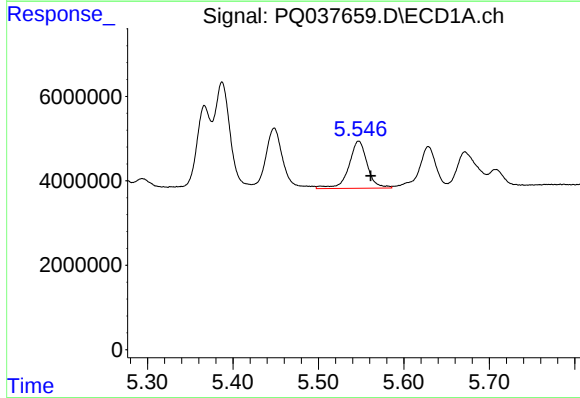
R.T.: 5.448 min
Delta R.T.: -0.014 min
Response: 20234152
Conc: 76.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS73



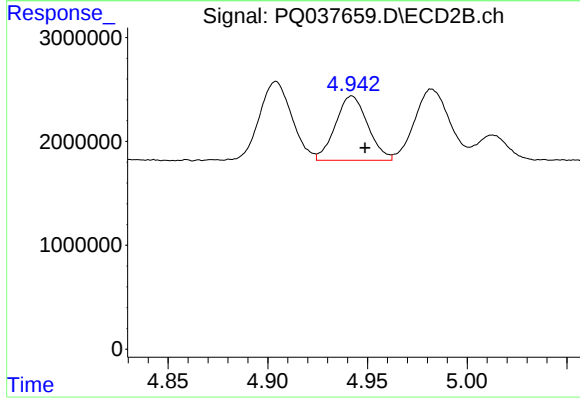
#5 AR-1016-3

R.T.: 4.904 min
Delta R.T.: -0.006 min
Response: 8582644
Conc: 70.48 ng/ml



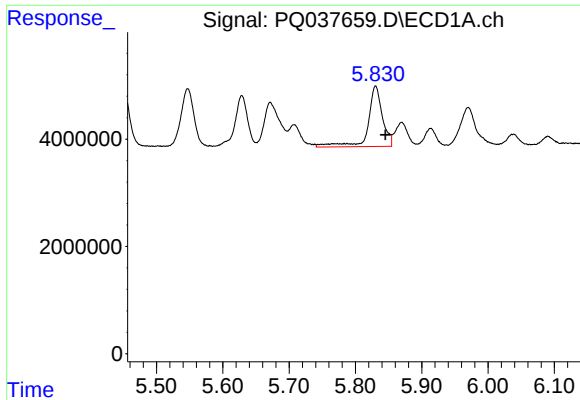
#6 AR-1016-4

R.T.: 5.547 min
Delta R.T.: -0.014 min
Response: 16749411
Conc: 76.18 ng/ml



#6 AR-1016-4

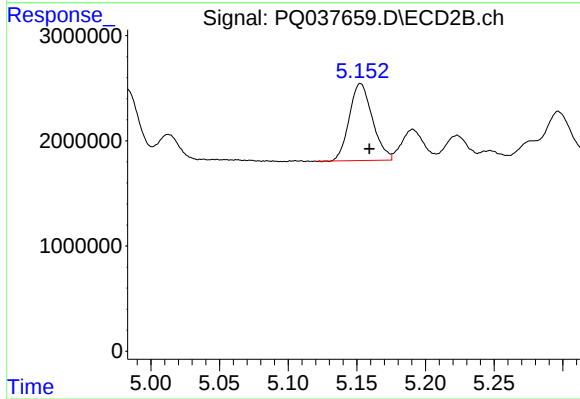
R.T.: 4.942 min
Delta R.T.: -0.007 min
Response: 6980337
Conc: 74.74 ng/ml



#7 AR-1016-5

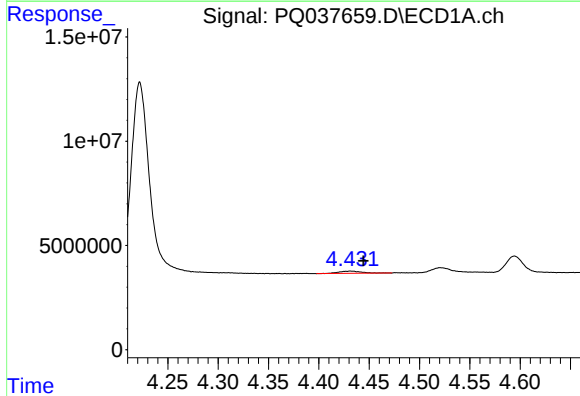
R.T.: 5.830 min
Delta R.T.: -0.015 min
Response: 16944031
Conc: 78.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS73



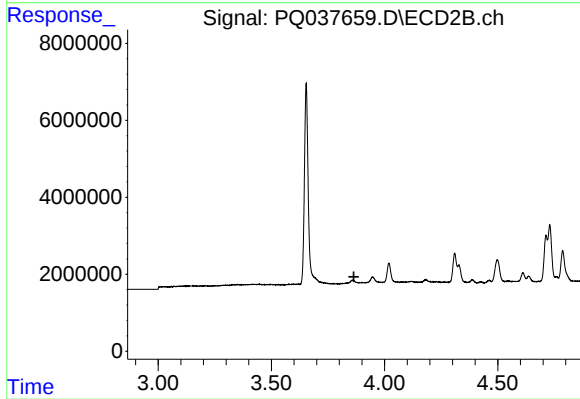
#7 AR-1016-5

R.T.: 5.153 min
Delta R.T.: -0.007 min
Response: 8598281
Conc: 68.65 ng/ml



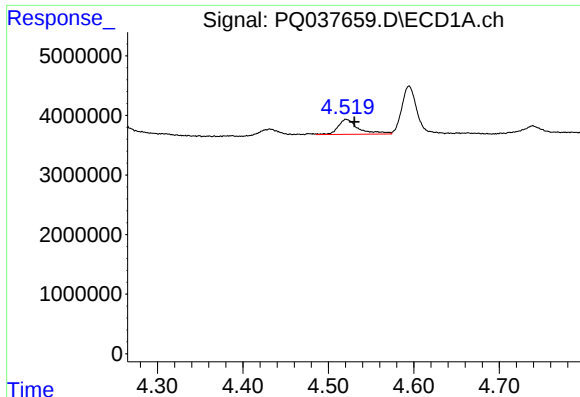
#8 AR-1221-1

R.T.: 4.432 min
Delta R.T.: -0.012 min
Response: 1718010
Conc: 27.42 ng/ml



#8 AR-1221-1

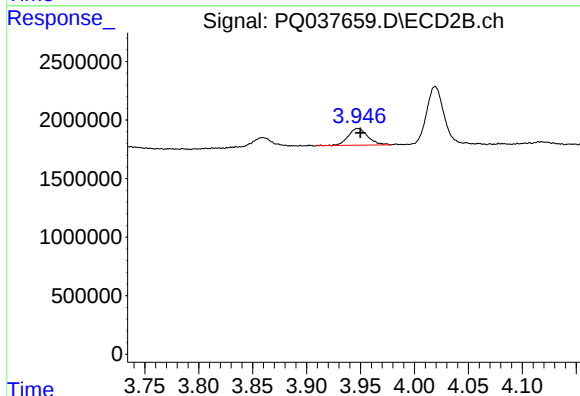
R.T.: 0.000 min
Exp R.T.: 3.864 min
Response: 0
Conc: N.D.



#9 AR-1221-2

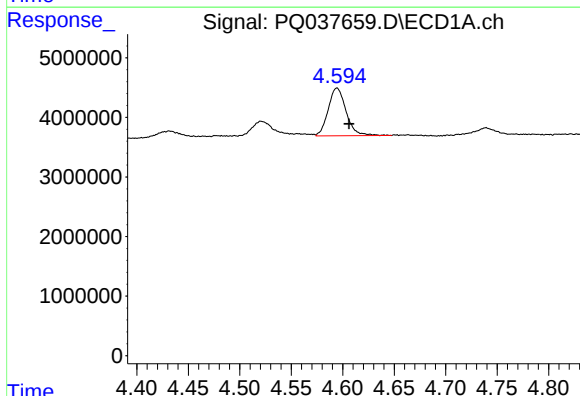
R.T.: 4.521 min
Delta R.T.: -0.010 min
Response: 4218612
Conc: 95.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS73



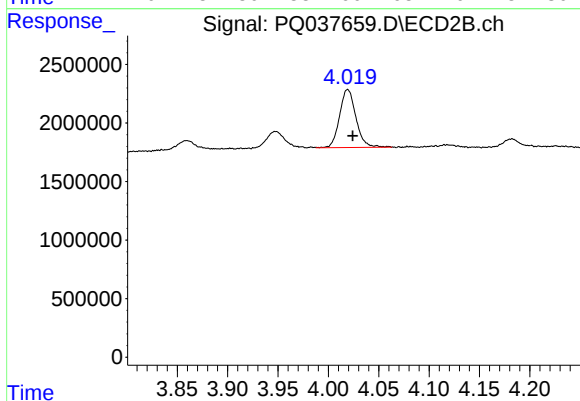
#9 AR-1221-2

R.T.: 3.948 min
Delta R.T.: -0.002 min
Response: 1804298
Conc: 75.23 ng/ml



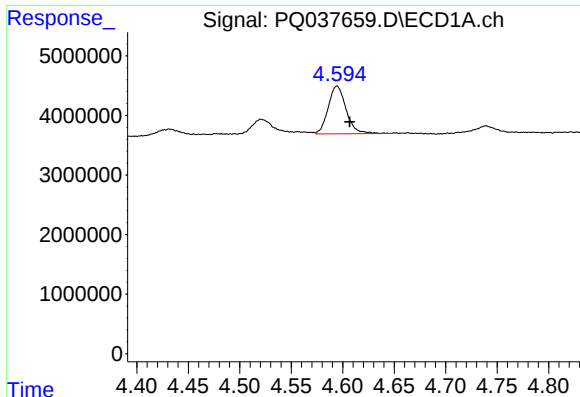
#10 AR-1221-3

R.T.: 4.594 min
Delta R.T.: -0.012 min
Response: 9697817
Conc: 63.09 ng/ml



#10 AR-1221-3

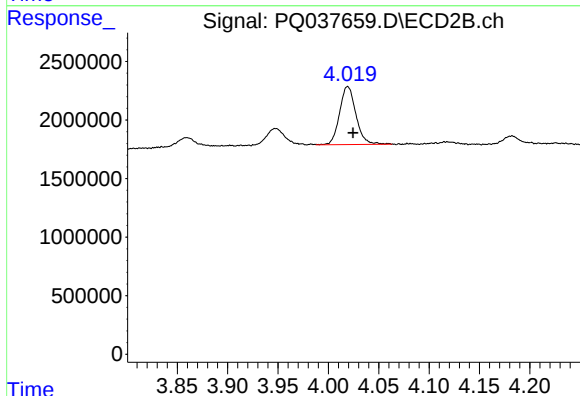
R.T.: 4.019 min
Delta R.T.: -0.005 min
Response: 5609175
Conc: 66.33 ng/ml



#11 AR-1232-1

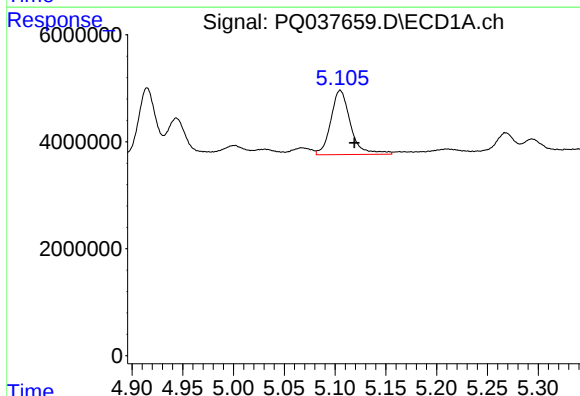
R.T.: 4.594 min
Delta R.T.: -0.013 min
Response: 9697817
Conc: 84.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS73



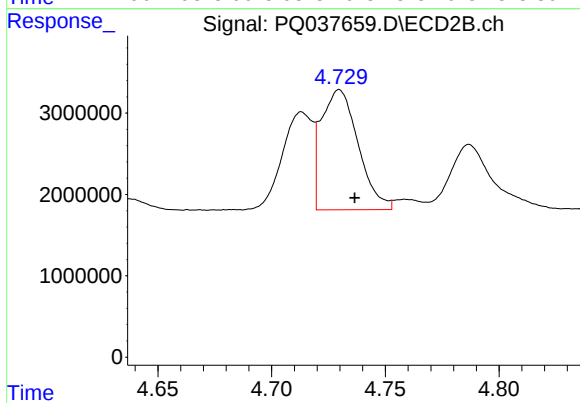
#11 AR-1232-1

R.T.: 4.019 min
Delta R.T.: -0.005 min
Response: 5609175
Conc: 90.61 ng/ml



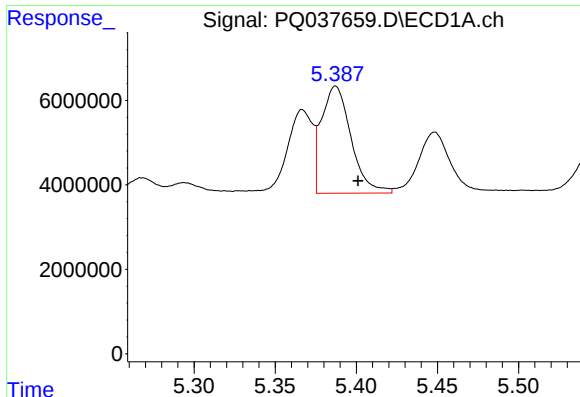
#12 AR-1232-2

R.T.: 5.105 min
Delta R.T.: -0.014 min
Response: 16255127
Conc: 278.04 ng/ml



#12 AR-1232-2

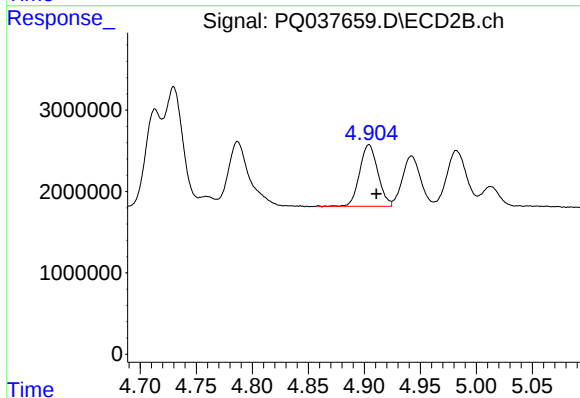
R.T.: 4.730 min
Delta R.T.: -0.007 min
Response: 16721399
Conc: 243.35 ng/ml



#13 AR-1232-3

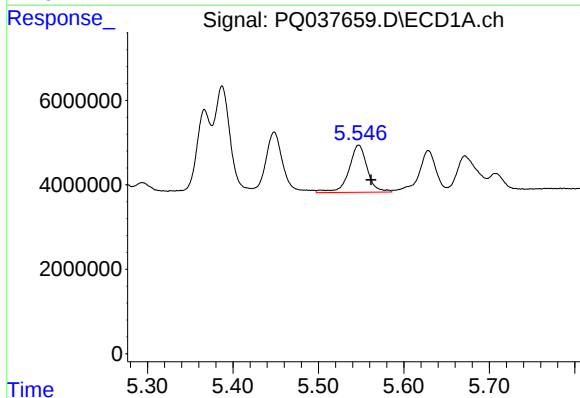
R.T.: 5.387 min
Delta R.T.: -0.014 min
Response: 32325036
Conc: 258.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS73



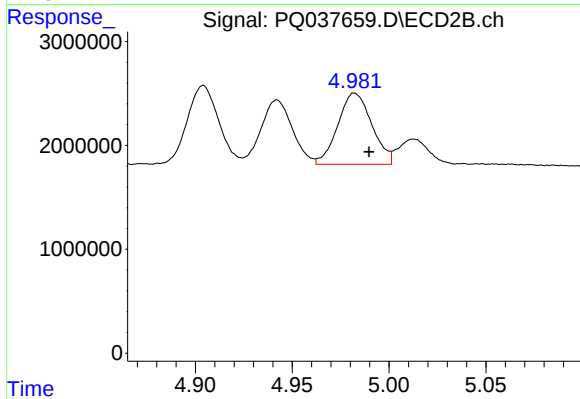
#13 AR-1232-3

R.T.: 4.904 min
Delta R.T.: -0.007 min
Response: 8582644
Conc: 246.45 ng/ml



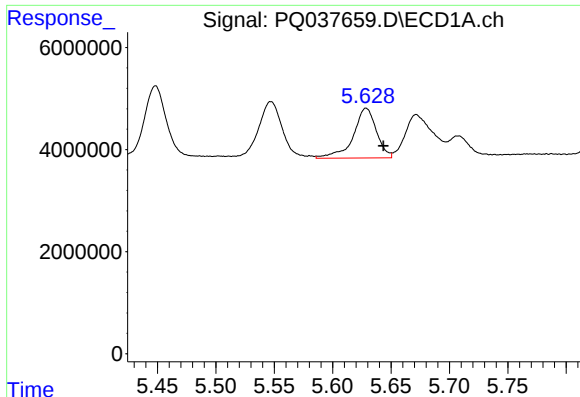
#14 AR-1232-4

R.T.: 5.547 min
Delta R.T.: -0.015 min
Response: 16749411
Conc: 262.11 ng/ml



#14 AR-1232-4

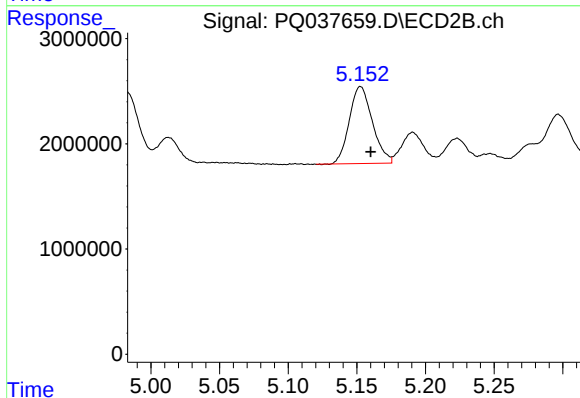
R.T.: 4.982 min
Delta R.T.: -0.007 min
Response: 8366784
Conc: 283.76 ng/ml



#15 AR-1232-5

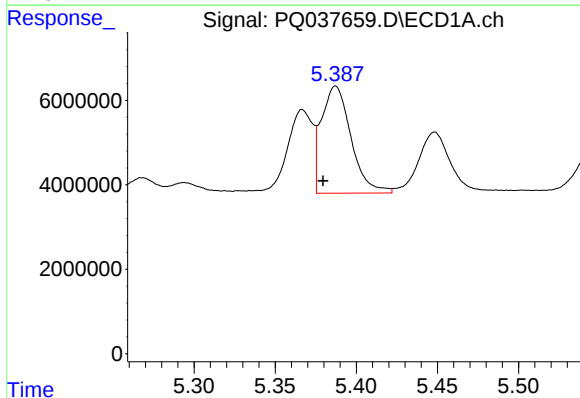
R.T.: 5.629 min
Delta R.T.: -0.015 min
Response: 13521396
Conc: 296.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS73



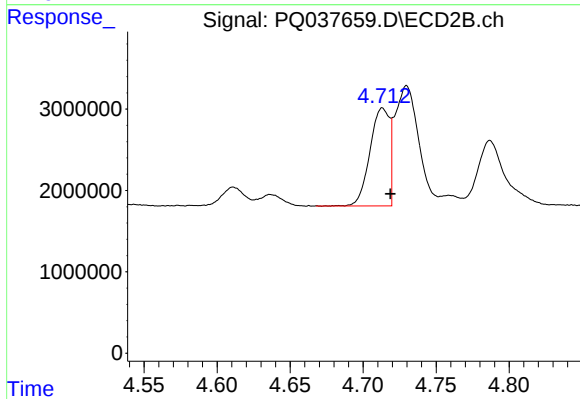
#15 AR-1232-5

R.T.: 5.153 min
Delta R.T.: -0.007 min
Response: 8598281
Conc: 253.01 ng/ml



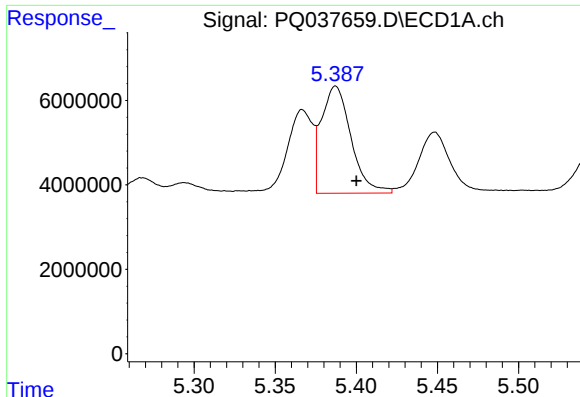
#16 AR-1242-1

R.T.: 5.387 min
Delta R.T.: 0.008 min
Response: 32325036
Conc: 197.06 ng/ml



#16 AR-1242-1

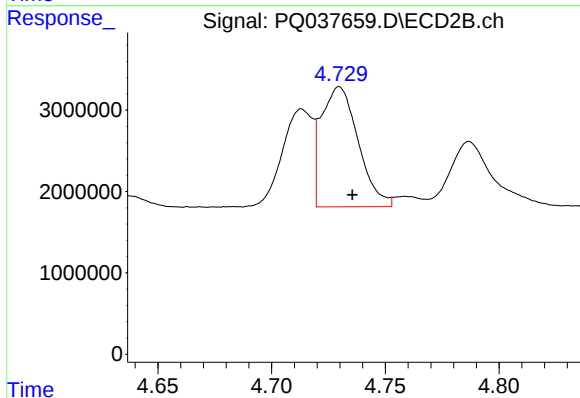
R.T.: 4.713 min
Delta R.T.: -0.005 min
Response: 11174223
Conc: 124.40 ng/ml



#17 AR-1242-2

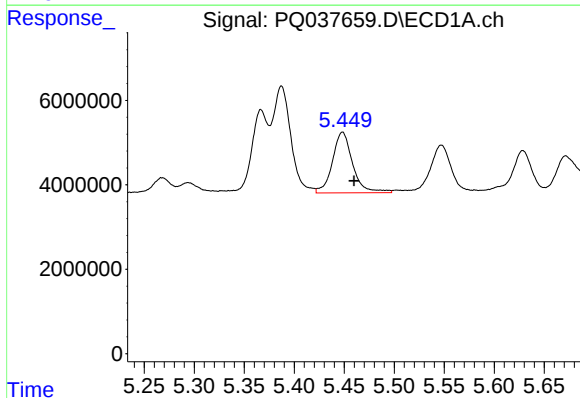
R.T.: 5.387 min
Delta R.T.: -0.013 min
Response: 32325036
Conc: 128.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS73



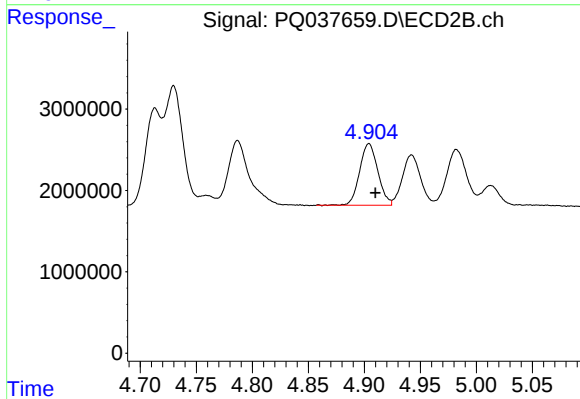
#17 AR-1242-2

R.T.: 4.730 min
Delta R.T.: -0.006 min
Response: 16721399
Conc: 122.62 ng/ml



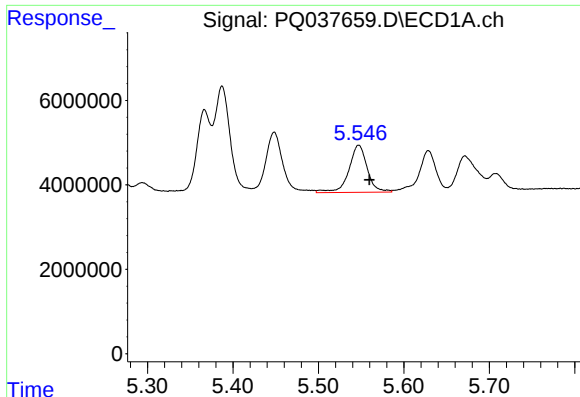
#18 AR-1242-3

R.T.: 5.448 min
Delta R.T.: -0.012 min
Response: 20234152
Conc: 133.77 ng/ml



#18 AR-1242-3

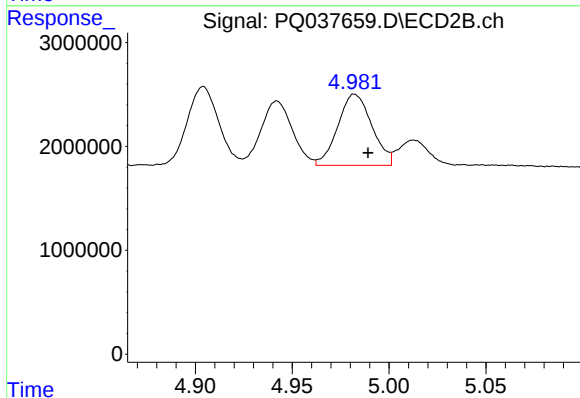
R.T.: 4.904 min
Delta R.T.: -0.006 min
Response: 8582644
Conc: 121.69 ng/ml



#19 AR-1242-4

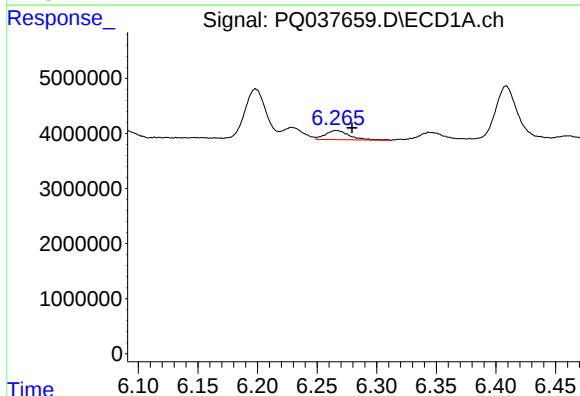
R.T.: 5.547 min
Delta R.T.: -0.013 min
Response: 16749411
Conc: 133.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS73



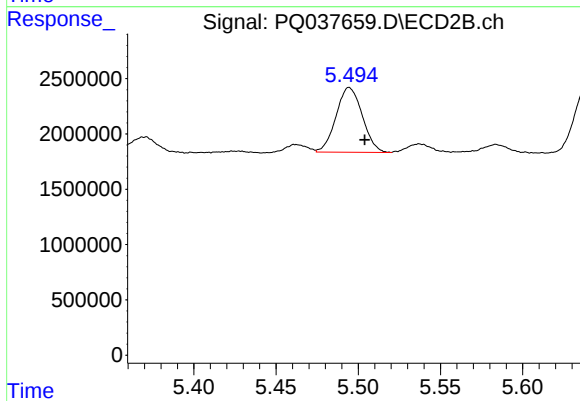
#19 AR-1242-4

R.T.: 4.982 min
Delta R.T.: -0.007 min
Response: 8366784
Conc: 121.94 ng/ml



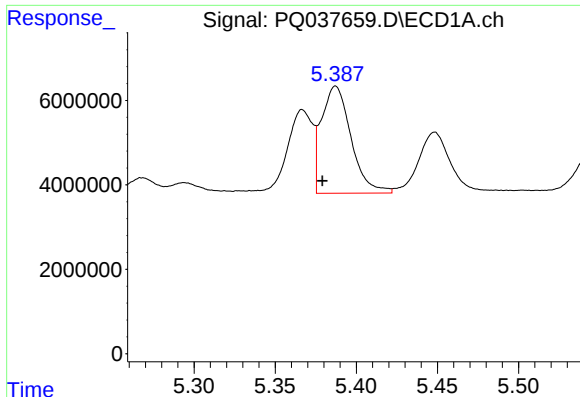
#20 AR-1242-5

R.T.: 6.266 min
Delta R.T.: -0.013 min
Response: 2316189
Conc: 16.69 ng/ml



#20 AR-1242-5

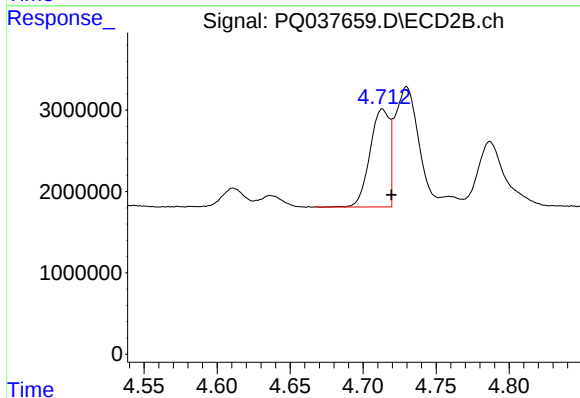
R.T.: 5.495 min
Delta R.T.: -0.009 min
Response: 6507814
Conc: 74.44 ng/ml



#21 AR-1248-1

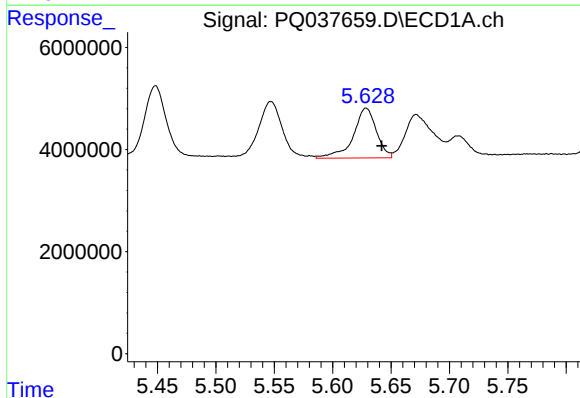
R.T.: 5.387 min
Delta R.T.: 0.008 min
Response: 32325036
Conc: 274.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS73



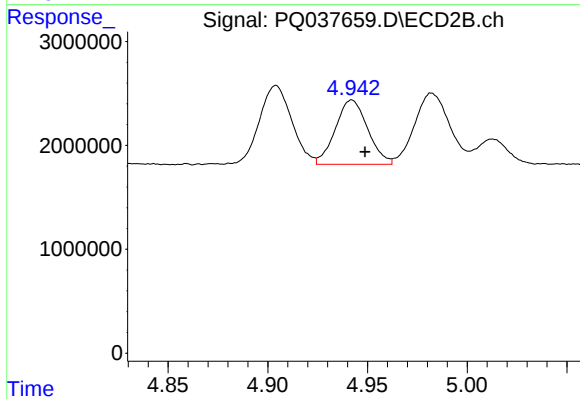
#21 AR-1248-1

R.T.: 4.713 min
Delta R.T.: -0.006 min
Response: 11174223
Conc: 167.51 ng/ml



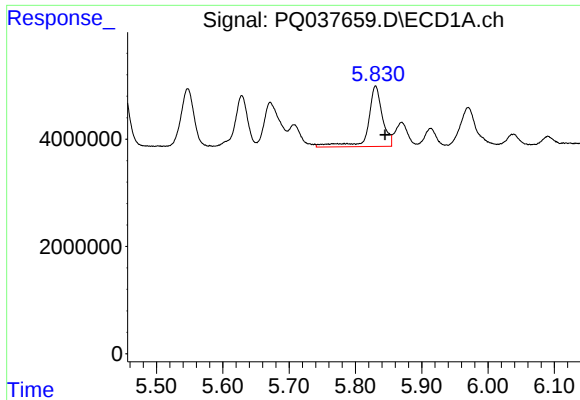
#22 AR-1248-2

R.T.: 5.629 min
Delta R.T.: -0.013 min
Response: 13521396
Conc: 78.81 ng/ml



#22 AR-1248-2

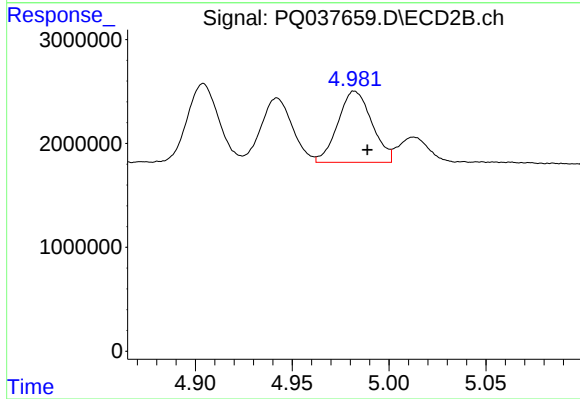
R.T.: 4.942 min
Delta R.T.: -0.007 min
Response: 6980337
Conc: 77.21 ng/ml



#23 AR-1248-3

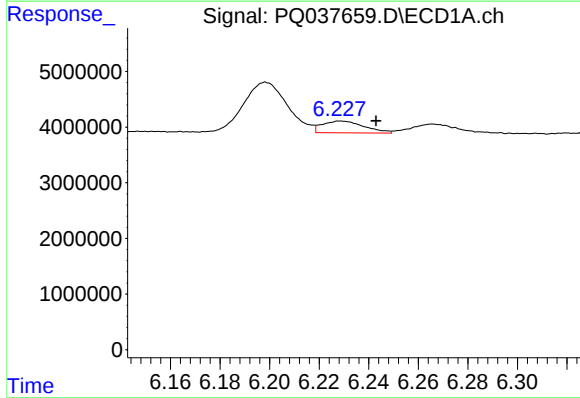
R.T.: 5.830 min
Delta R.T.: -0.014 min
Response: 16944031
Conc: 87.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS73



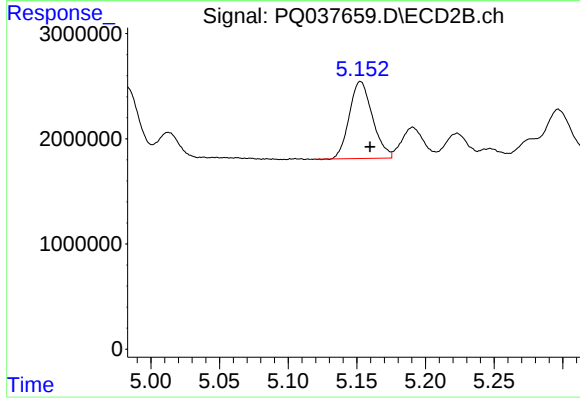
#23 AR-1248-3

R.T.: 4.982 min
Delta R.T.: -0.006 min
Response: 8366784
Conc: 90.65 ng/ml



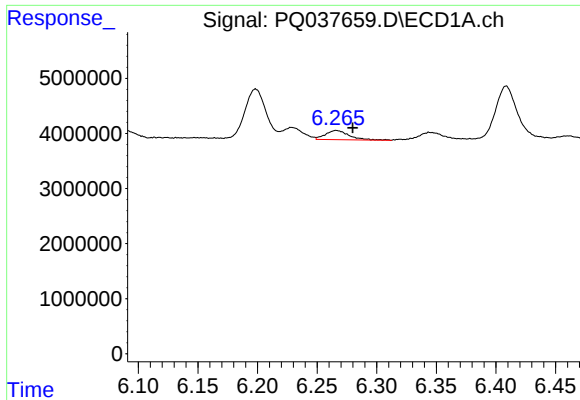
#24 AR-1248-4

R.T.: 6.229 min
Delta R.T.: -0.014 min
Response: 2494544
Conc: 10.97 ng/ml



#24 AR-1248-4

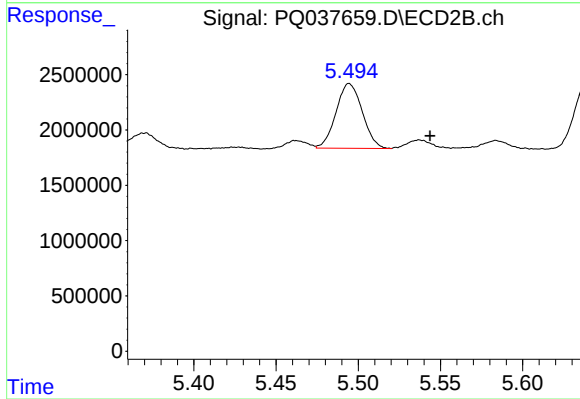
R.T.: 5.153 min
Delta R.T.: -0.007 min
Response: 8598281
Conc: 75.77 ng/ml



#25 AR-1248-5

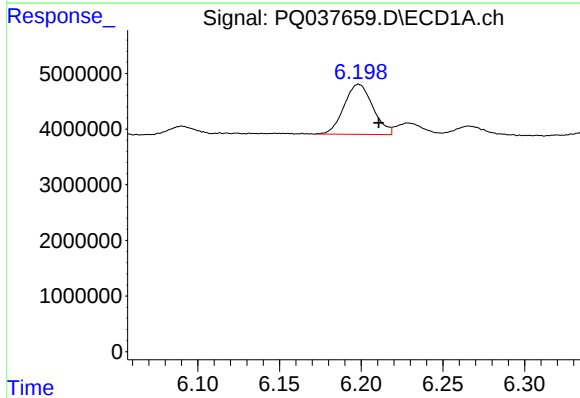
R.T.: 6.266 min
Delta R.T.: -0.014 min
Response: 2316189
Conc: 10.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS73



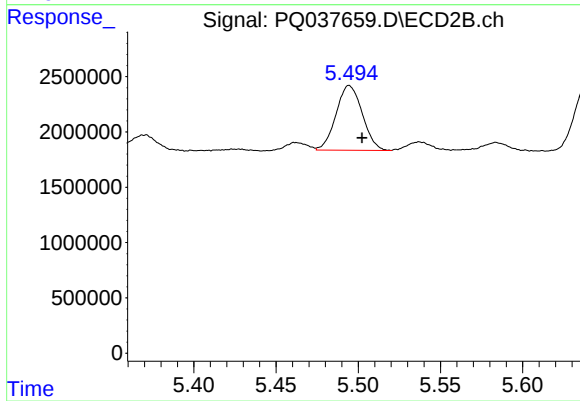
#25 AR-1248-5

R.T.: 5.495 min
Delta R.T.: -0.049 min
Response: 6507814
Conc: 59.27 ng/ml



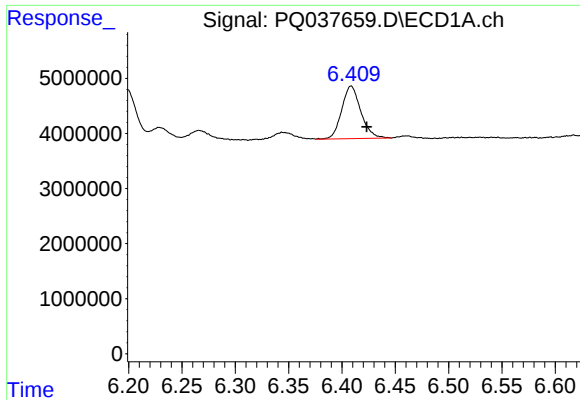
#26 AR-1254-1

R.T.: 6.199 min
Delta R.T.: -0.012 min
Response: 11049765
Conc: 52.17 ng/ml



#26 AR-1254-1

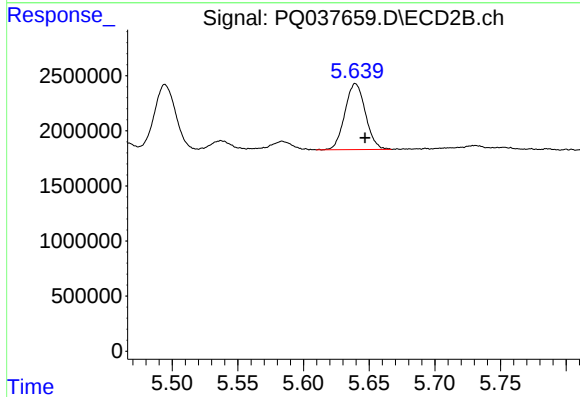
R.T.: 5.495 min
Delta R.T.: -0.008 min
Response: 6507814
Conc: 39.25 ng/ml



#27 AR-1254-2

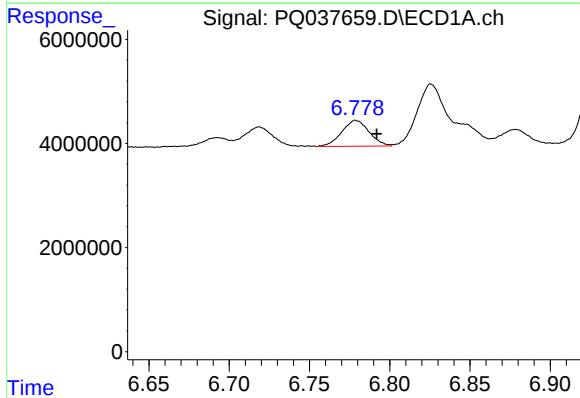
R.T.: 6.409 min
Delta R.T.: -0.015 min
Response: 11904120
Conc: 35.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS73



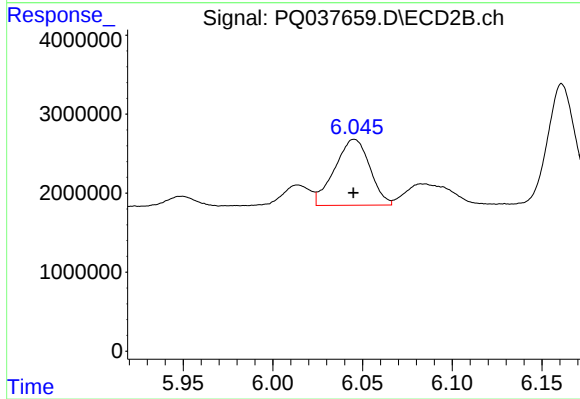
#27 AR-1254-2

R.T.: 5.640 min
Delta R.T.: -0.007 min
Response: 6515782
Conc: 45.75 ng/ml



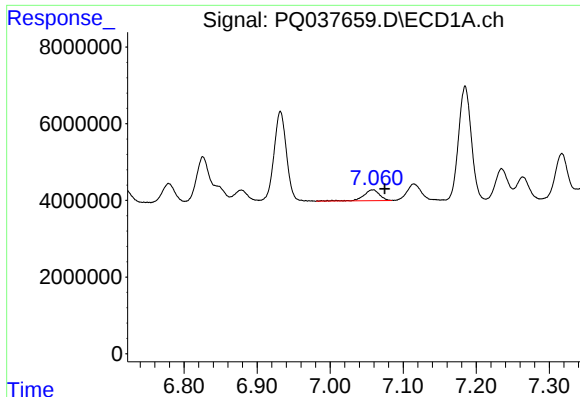
#28 AR-1254-3

R.T.: 6.779 min
Delta R.T.: -0.013 min
Response: 5900050
Conc: 17.00 ng/ml



#28 AR-1254-3

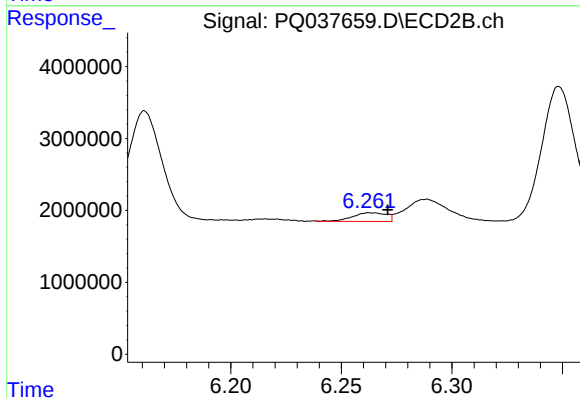
R.T.: 6.045 min
Delta R.T.: 0.000 min
Response: 11385840
Conc: 49.90 ng/ml



#29 AR-1254-4

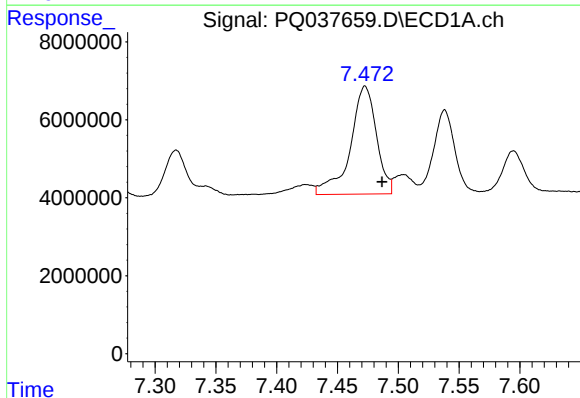
R.T.: 7.059 min
Delta R.T.: -0.016 min
Response: 4317119
Conc: 15.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS73



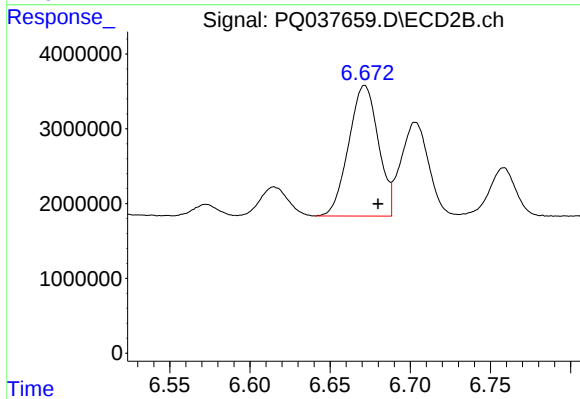
#29 AR-1254-4

R.T.: 6.263 min
Delta R.T.: -0.008 min
Response: 1282415
Conc: 7.47 ng/ml



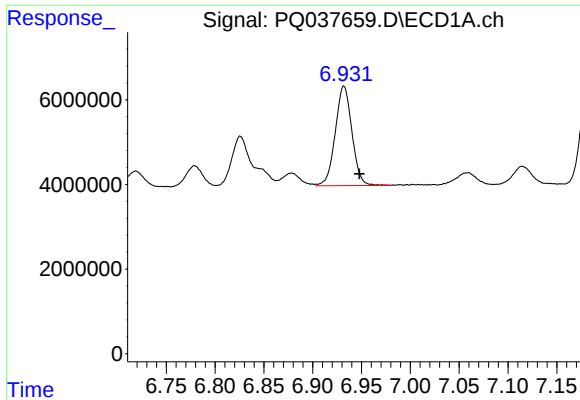
#30 AR-1254-5

R.T.: 7.473 min
Delta R.T.: -0.014 min
Response: 41476985
Conc: 150.07 ng/ml



#30 AR-1254-5

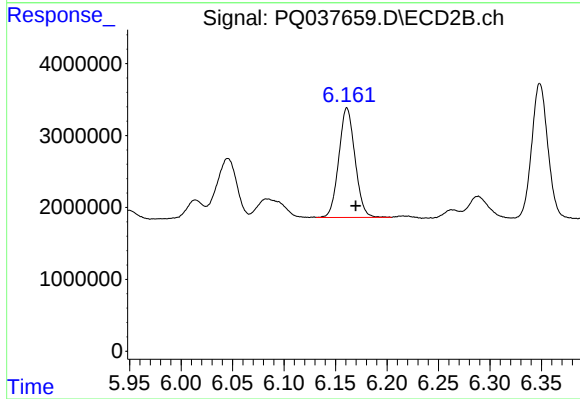
R.T.: 6.672 min
Delta R.T.: -0.008 min
Response: 22474144
Conc: 116.07 ng/ml



#31 AR-1260-1

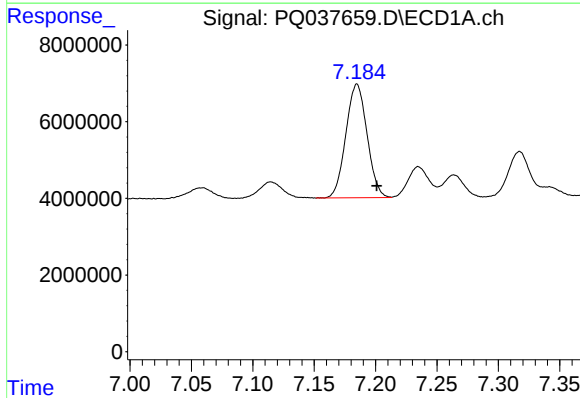
R.T.: 6.932 min
Delta R.T.: -0.016 min
Response: 27997465
Conc: 63.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS73



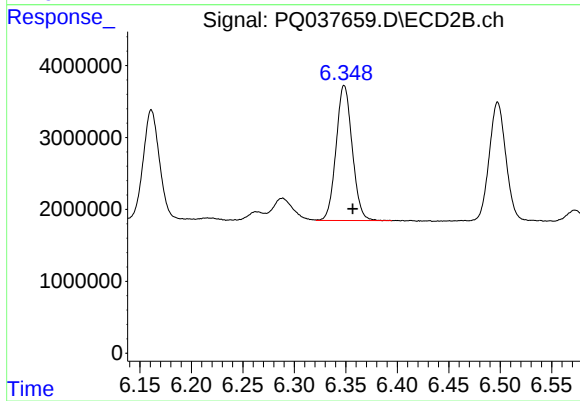
#31 AR-1260-1

R.T.: 6.161 min
Delta R.T.: -0.009 min
Response: 16727604
Conc: 65.98 ng/ml



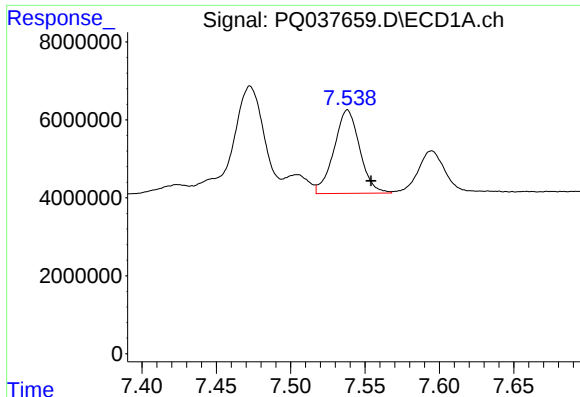
#32 AR-1260-2

R.T.: 7.185 min
Delta R.T.: -0.016 min
Response: 35575427
Conc: 61.53 ng/ml



#32 AR-1260-2

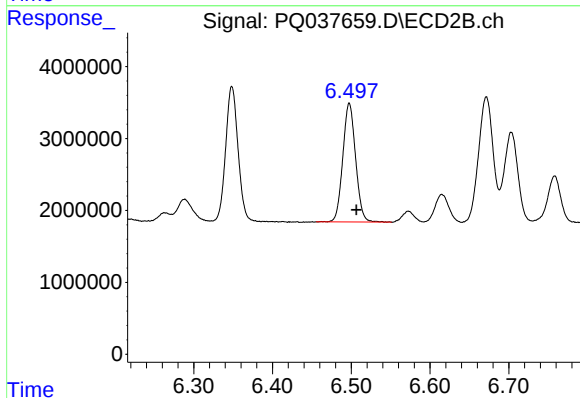
R.T.: 6.348 min
Delta R.T.: -0.008 min
Response: 20554699
Conc: 66.87 ng/ml



#33 AR-1260-3

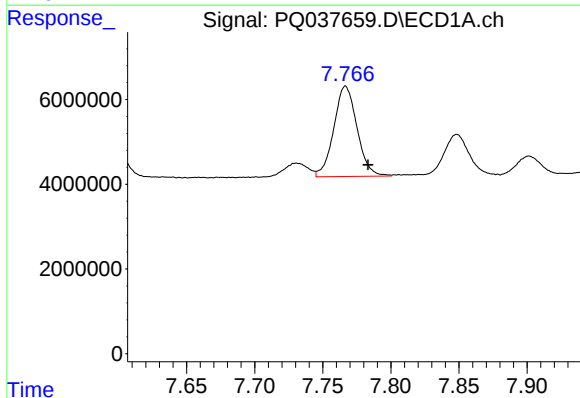
R.T.: 7.538 min
Delta R.T.: -0.016 min
Response: 25789909
Conc: 57.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS73



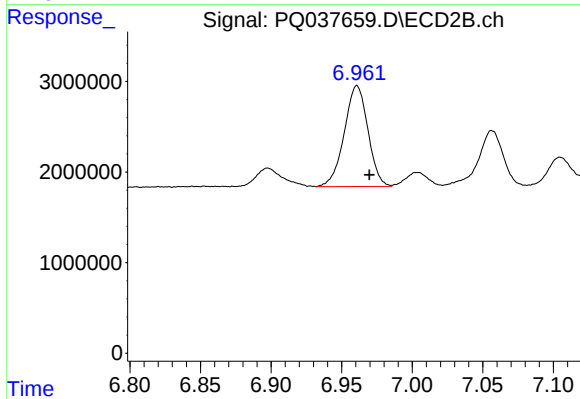
#33 AR-1260-3

R.T.: 6.498 min
Delta R.T.: -0.009 min
Response: 18646351
Conc: 65.66 ng/ml



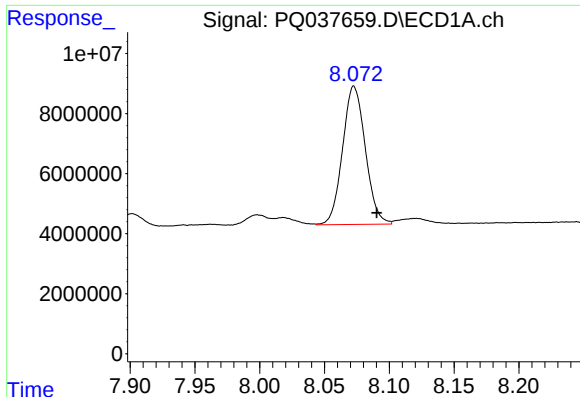
#34 AR-1260-4

R.T.: 7.767 min
Delta R.T.: -0.017 min
Response: 25307209
Conc: 57.78 ng/ml



#34 AR-1260-4

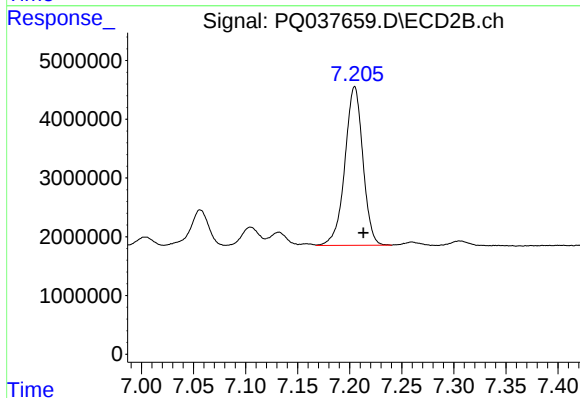
R.T.: 6.961 min
Delta R.T.: -0.009 min
Response: 12986068
Conc: 59.00 ng/ml



#35 AR-1260-5

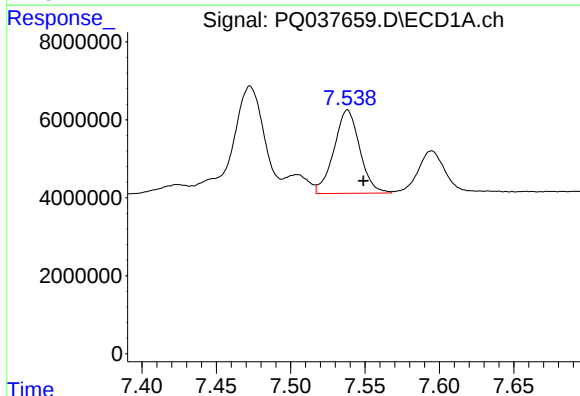
R.T.: 8.073 min
Delta R.T.: -0.018 min
Response: 56405143
Conc: 56.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS73



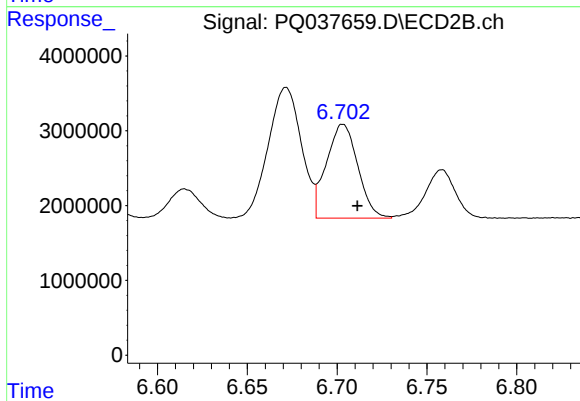
#35 AR-1260-5

R.T.: 7.205 min
Delta R.T.: -0.008 min
Response: 32502470
Conc: 61.56 ng/ml



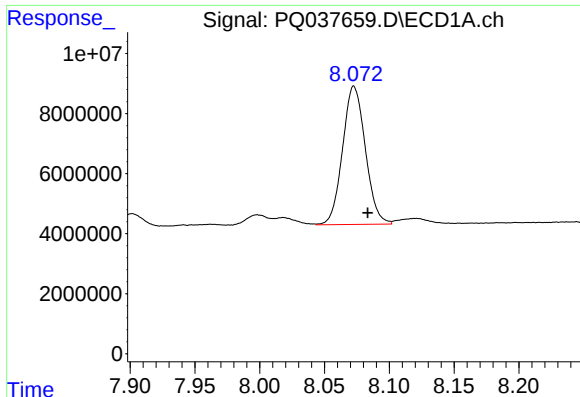
#36 AR-1262-1

R.T.: 7.538 min
Delta R.T.: -0.011 min
Response: 25789909
Conc: 64.57 ng/ml



#36 AR-1262-1

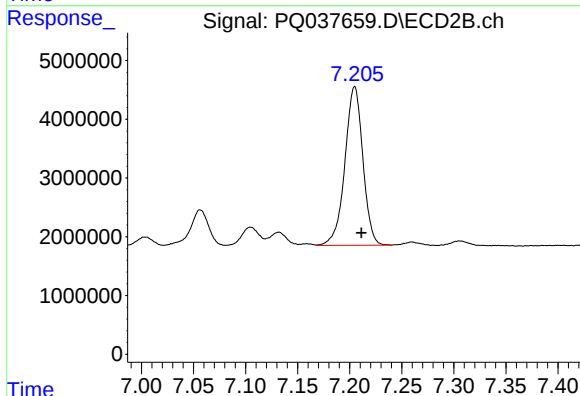
R.T.: 6.703 min
Delta R.T.: -0.008 min
Response: 15256447
Conc: 72.90 ng/ml



#37 AR-1262-2

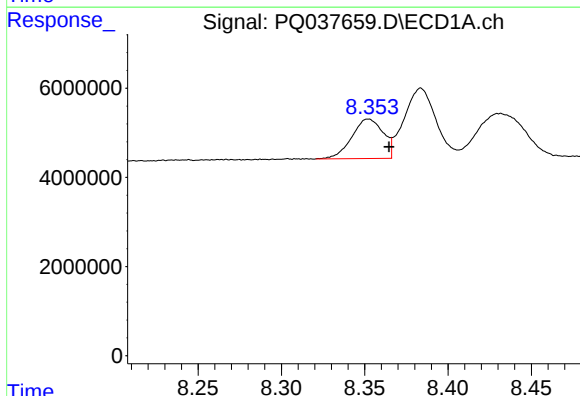
R.T.: 8.073 min
Delta R.T.: -0.011 min
Response: 56405143
Conc: 81.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS73



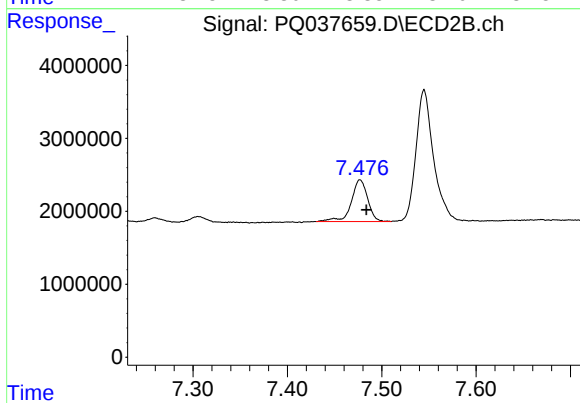
#37 AR-1262-2

R.T.: 7.205 min
Delta R.T.: -0.006 min
Response: 32502470
Conc: 87.74 ng/ml



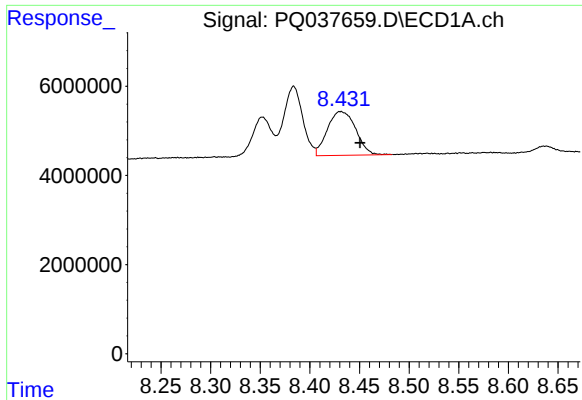
#38 AR-1262-3

R.T.: 8.352 min
Delta R.T.: -0.012 min
Response: 11599620
Conc: 38.74 ng/ml



#38 AR-1262-3

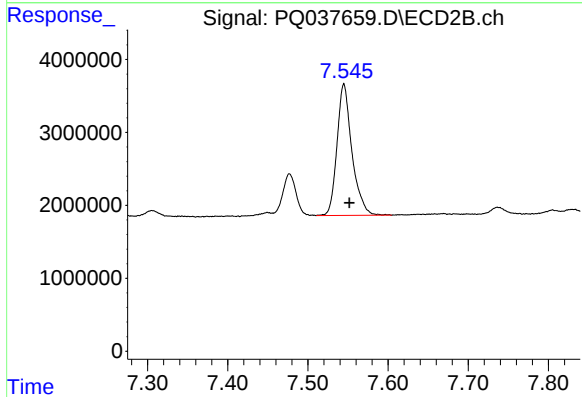
R.T.: 7.477 min
Delta R.T.: -0.007 min
Response: 6912044
Conc: 47.29 ng/ml



#39 AR-1262-4

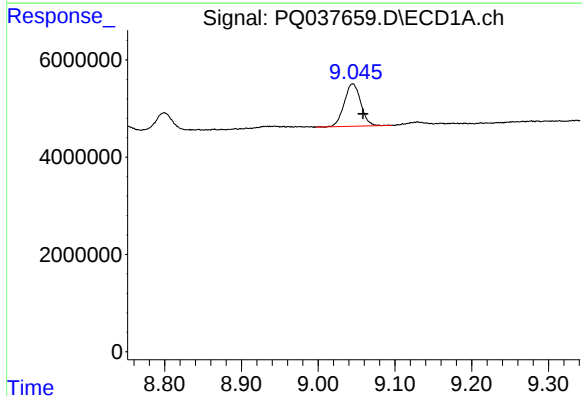
R.T.: 8.431 min
Delta R.T.: -0.020 min
Response: 19540888
Conc: 55.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS73



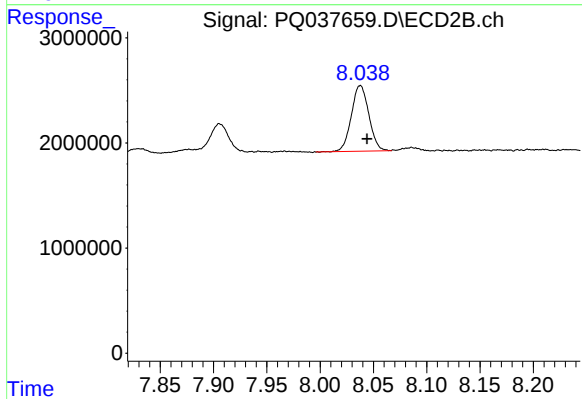
#39 AR-1262-4

R.T.: 7.545 min
Delta R.T.: -0.007 min
Response: 23365212
Conc: 87.61 ng/ml



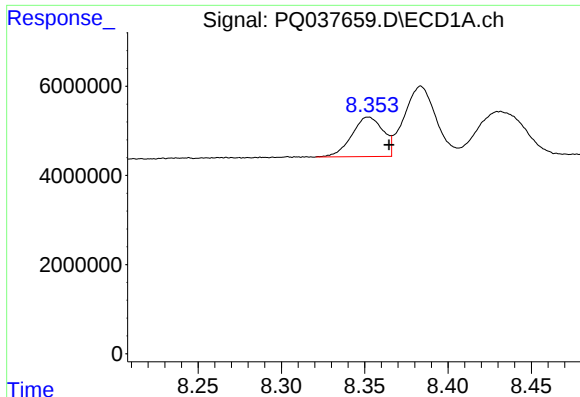
#40 AR-1262-5

R.T.: 9.045 min
Delta R.T.: -0.014 min
Response: 13165450
Conc: 55.20 ng/ml



#40 AR-1262-5

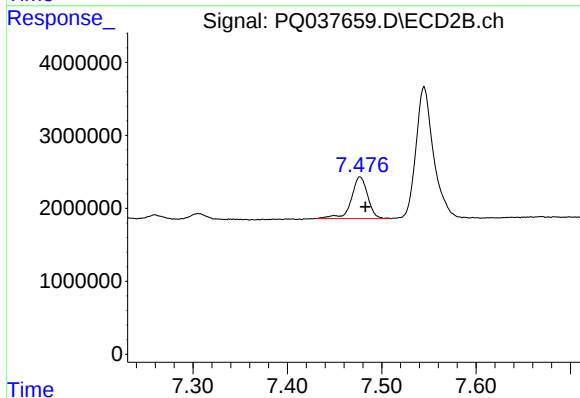
R.T.: 8.038 min
Delta R.T.: -0.006 min
Response: 7104529
Conc: 60.81 ng/ml



#41 AR-1268-1

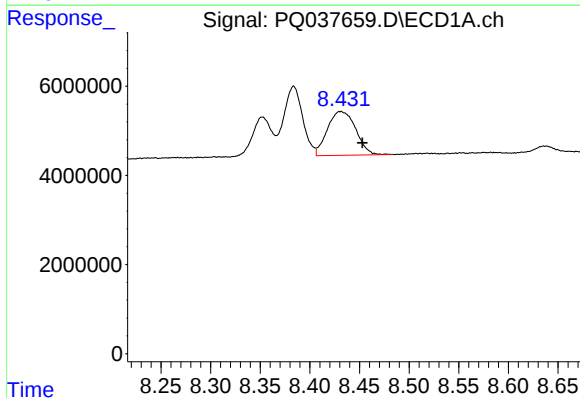
R.T.: 8.352 min
Delta R.T.: -0.012 min
Response: 11599620
Conc: 8.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS73



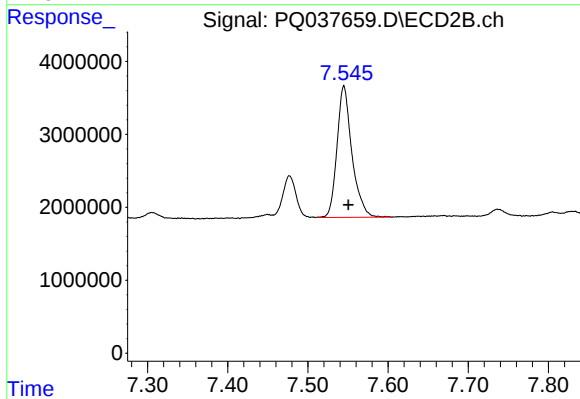
#41 AR-1268-1

R.T.: 7.477 min
Delta R.T.: -0.006 min
Response: 6912044
Conc: 10.55 ng/ml



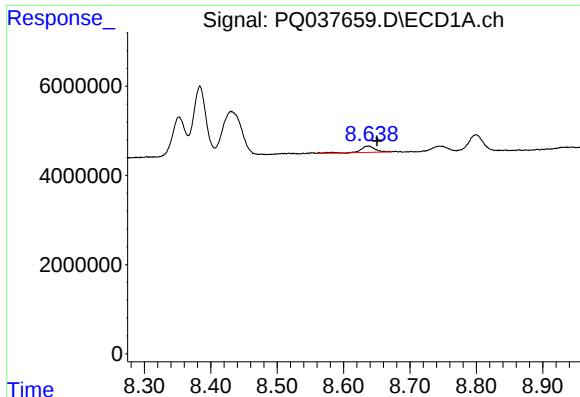
#42 AR-1268-2

R.T.: 8.431 min
Delta R.T.: -0.022 min
Response: 19540888
Conc: 15.86 ng/ml



#42 AR-1268-2

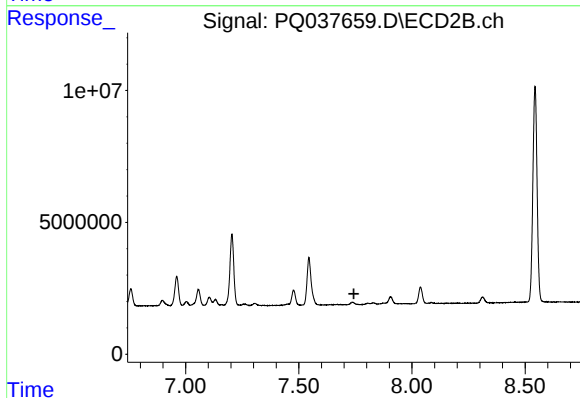
R.T.: 7.545 min
Delta R.T.: -0.006 min
Response: 23365212
Conc: 39.07 ng/ml



#43 AR-1268-3

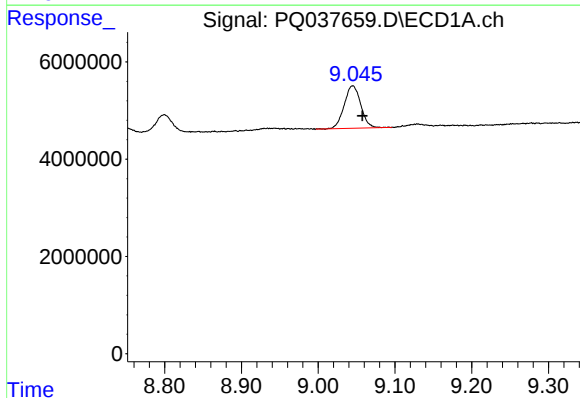
R.T.: 8.637 min
Delta R.T.: -0.013 min
Response: 2152535
Conc: 1.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS73



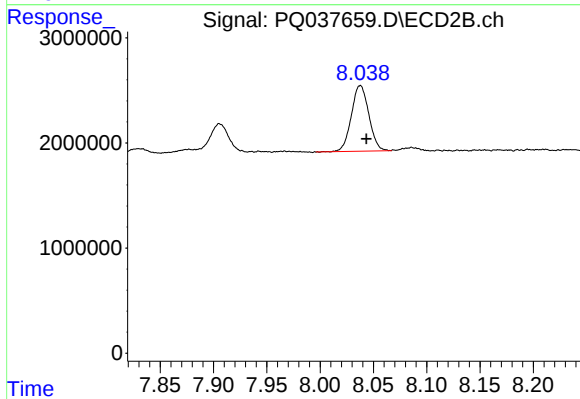
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.743 min
Response: 0
Conc: N.D.



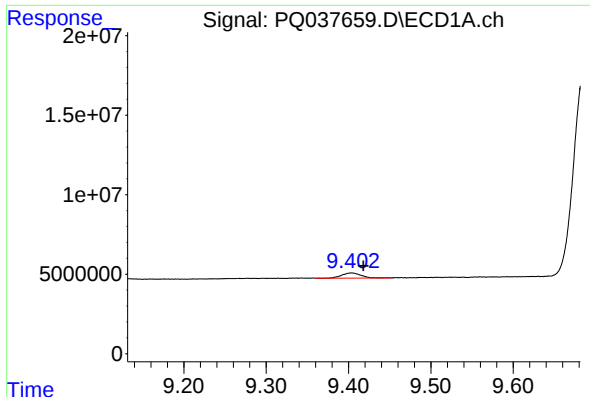
#44 AR-1268-4

R.T.: 9.045 min
Delta R.T.: -0.013 min
Response: 13165450
Conc: 33.01 ng/ml



#44 AR-1268-4

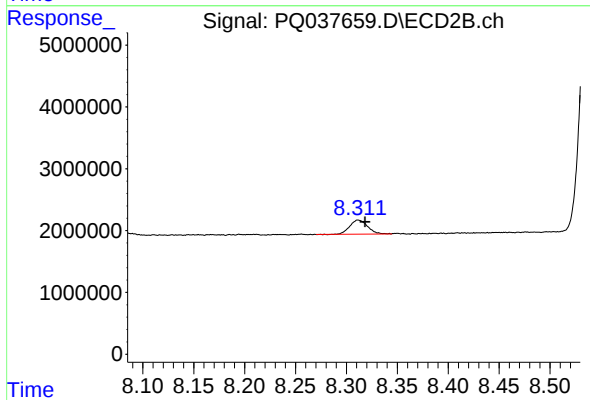
R.T.: 8.038 min
Delta R.T.: -0.006 min
Response: 7104529
Conc: 36.25 ng/ml



#45 AR-1268-5

R.T.: 9.404 min
Delta R.T.: -0.014 min
Response: 5166465
Conc: 1.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS73



#45 AR-1268-5

R.T.: 8.312 min
Delta R.T.: -0.007 min
Response: 2769317
Conc: 1.80 ng/ml