

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030419\
 Data File : PQ037749.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Mar 2019 13:20
 Operator : SM\SJ
 Sample : PB117562BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ALCS62

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 04 21:45:32 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...	4.216	3.651	149.2E6	77125914	26.232	29.281
2)	SA Decachlor...	9.671	8.538	195.3E6	97118236	38.664	41.861
Target Compounds							
3)	L1 AR-1016-1	5.380	4.726	34180790	18651104	118.262	120.891
4)	L1 AR-1016-2	5.380	4.726	34180790	18651104	76.487	77.698
5)	L1 AR-1016-3	5.441	4.900	20166163	9434874	76.726	77.482
6)	L1 AR-1016-4	5.540	4.939	16221766	7670109	73.785	82.126
7)	L1 AR-1016-5	5.862	5.149	5973100	9352152	27.788	74.664 #
8)	L2 AR-1221-1	4.425	0.000	1819552	0	29.038	N.D. #
9)	L2 AR-1221-2	4.515	3.944	4180771	1917976	94.940	79.967
10)	L2 AR-1221-3	4.588	4.016	11085071	6084981	72.118	71.955
11)	L3 AR-1232-1	4.588	4.016	11085071	6084981	97.133	98.300
12)	L3 AR-1232-2	5.098	4.726	16403762	18651104	280.586	271.436
13)	L3 AR-1232-3	5.380	4.900	34180790	9434874	273.634	270.927
14)	L3 AR-1232-4	5.540	4.979	16221766	9266114	253.849	314.258
15)	L3 AR-1232-5	5.664	5.149	14187375	9352152	311.078	275.194
16)	L4 AR-1242-1	5.380	4.726	34180790	18651104	208.373	207.632
17)	L4 AR-1242-2	5.380	4.726	34180790	18651104	135.612	136.774
18)	L4 AR-1242-3	5.441	4.900	20166163	9434874	133.319	133.768
19)	L4 AR-1242-4	5.540	4.979	16221766	9266114	128.870	135.046
20)	L4 AR-1242-5	6.257	5.491	2062969	7235365	14.866	82.757 #
21)	L5 AR-1248-1	5.380	4.726	34180790	18651104	290.422	279.592
22)	L5 AR-1248-2	5.620	4.939	14038363	7670109	81.828	84.845
23)	L5 AR-1248-3	5.862	4.979	5973100	9266114	30.745	100.399 #
24)	L5 AR-1248-4	6.257	5.149	2062969	9352152	9.073	82.413 #
25)	L5 AR-1248-5	6.257	5.491	2062969	7235365	9.552	65.902 #
26)	L6 AR-1254-1	6.221	5.491	2398472	7235365	11.325	43.636 #
27)	L6 AR-1254-2	6.401	5.635	13211947	7033364	39.400	49.387 #
28)	L6 AR-1254-3	6.770	6.042	6236216	12174100	17.969	53.357 #
29)	L6 AR-1254-4	7.050	6.260	4677217	1071661	16.900	6.240 #
30)	L6 AR-1254-5	7.494	6.667	5061471	22396678	18.313	115.669 #
31)	L7 AR-1260-1	6.923	6.157	30478729	17865310	68.596	70.465
32)	L7 AR-1260-2	7.176	6.344	38636041	21197392	66.822	68.964
33)	L7 AR-1260-3	7.528	6.494	25369611	19063586	56.788	67.131
34)	L7 AR-1260-4	7.758	6.956	25100579	13201842	57.308	59.983
35)	L7 AR-1260-5	8.107	7.200	2702422	29167996	2.696	55.244 #
36)	L8 AR-1262-1	7.528	6.699	25369611	14813399	63.515	70.782
37)	L8 AR-1262-2	8.064	7.200	53141485	29167996	76.712	78.736
38)	L8 AR-1262-3	8.372	7.472	18162748	5711047	60.659	39.074 #
39)	L8 AR-1262-4	8.422	7.540	17248693	20689909	49.089	77.583 #
40)	L8 AR-1262-5	9.031	8.033	11817528	5812944	49.552	49.756
41)	L9 AR-1268-1	8.372	7.472	18162748	5711047	13.548	8.719 #

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 Operator : SM\SJ
 Sample : PB117562BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

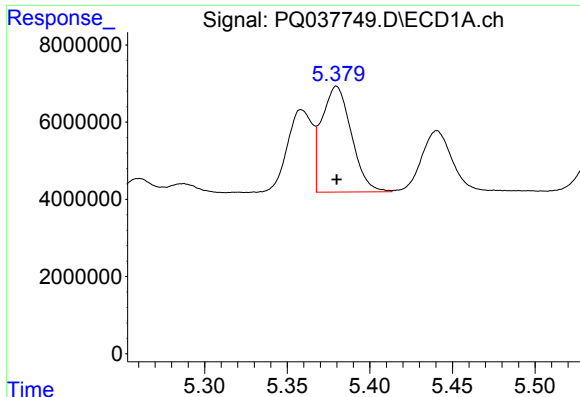
Instrument :
 ECD_Q
 ClientSampleId :
 ALCS62

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 04 21:45:32 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022619CLP.M
 Quant Title : GC EXTRACTABLES
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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	8.422	7.540	17248693	20689909	14.002	34.596 #
43) L9	AR-1268-3	8.625	0.000	1371790	0	1.252	N.D. #
44) L9	AR-1268-4	9.031	8.033	11817528	5812944	29.628	29.658
45) L9	AR-1268-5	9.389	8.307	7581158	2406804	2.332	1.564 #

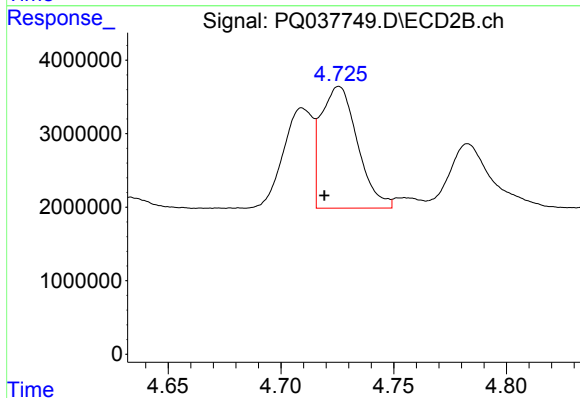
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

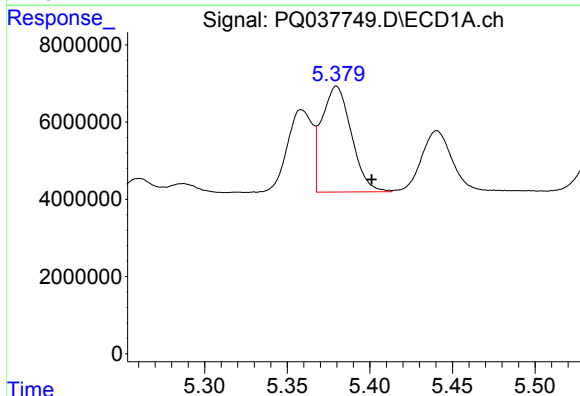
R.T.: 5.380 min
Delta R.T.: 0.000 min
Response: 34180790
Conc: 118.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS62



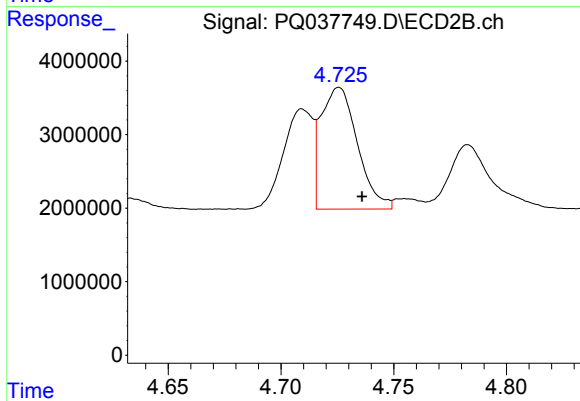
#3 AR-1016-1

R.T.: 4.726 min
Delta R.T.: 0.006 min
Response: 18651104
Conc: 120.89 ng/ml



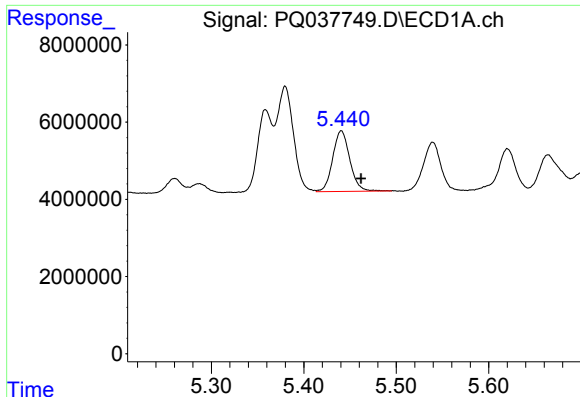
#4 AR-1016-2

R.T.: 5.380 min
Delta R.T.: -0.021 min
Response: 34180790
Conc: 76.49 ng/ml



#4 AR-1016-2

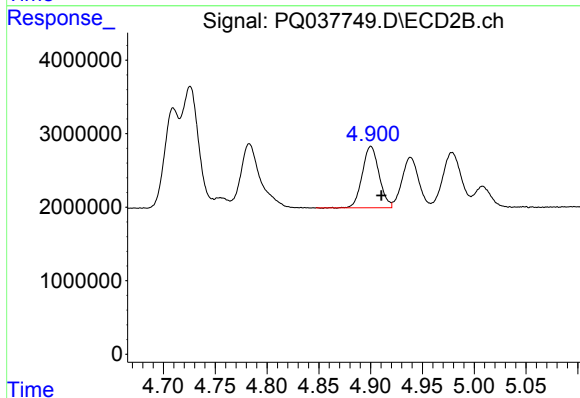
R.T.: 4.726 min
Delta R.T.: -0.010 min
Response: 18651104
Conc: 77.70 ng/ml



#5 AR-1016-3

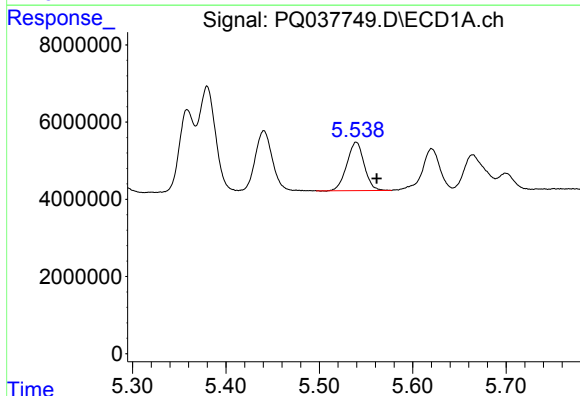
R.T.: 5.441 min
Delta R.T.: -0.021 min
Response: 20166163
Conc: 76.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS62



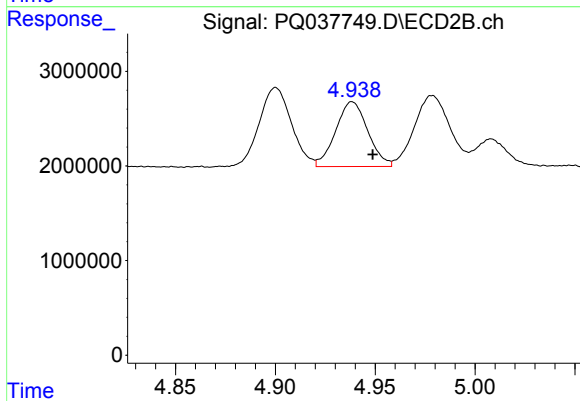
#5 AR-1016-3

R.T.: 4.900 min
Delta R.T.: -0.010 min
Response: 9434874
Conc: 77.48 ng/ml



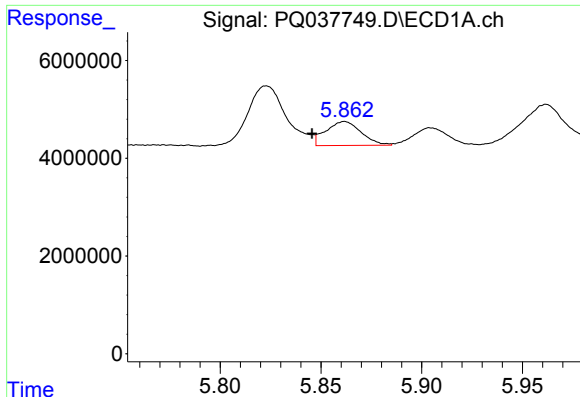
#6 AR-1016-4

R.T.: 5.540 min
Delta R.T.: -0.022 min
Response: 16221766
Conc: 73.78 ng/ml



#6 AR-1016-4

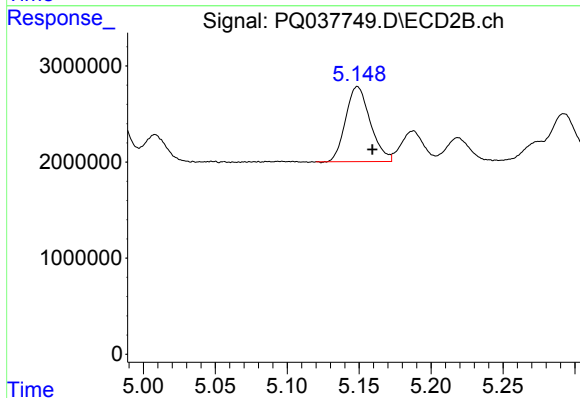
R.T.: 4.939 min
Delta R.T.: -0.010 min
Response: 7670109
Conc: 82.13 ng/ml



#7 AR-1016-5

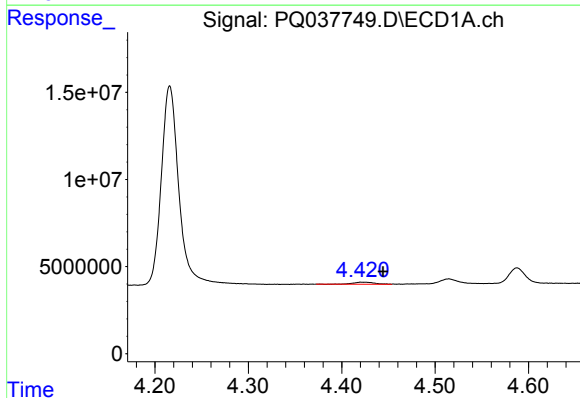
R.T.: 5.862 min
Delta R.T.: 0.016 min
Response: 5973100
Conc: 27.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS62



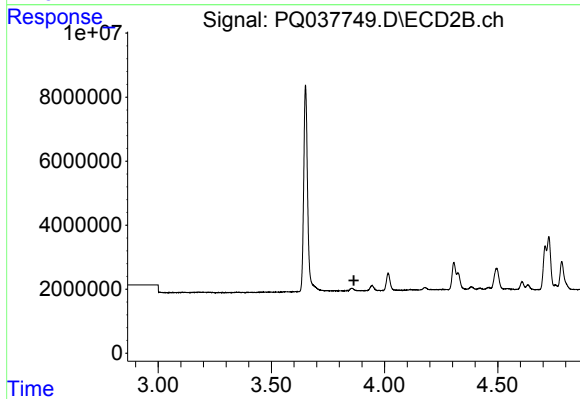
#7 AR-1016-5

R.T.: 5.149 min
Delta R.T.: -0.010 min
Response: 9352152
Conc: 74.66 ng/ml



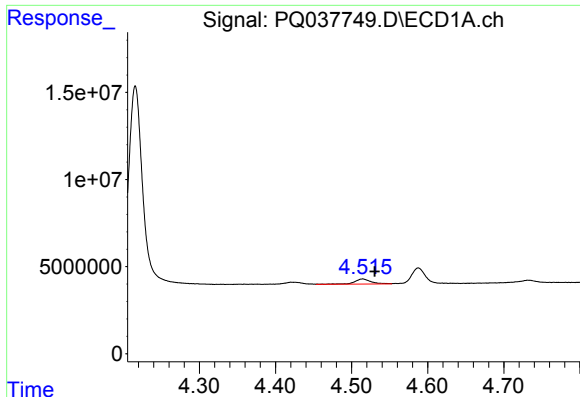
#8 AR-1221-1

R.T.: 4.425 min
Delta R.T.: -0.019 min
Response: 1819552
Conc: 29.04 ng/ml



#8 AR-1221-1

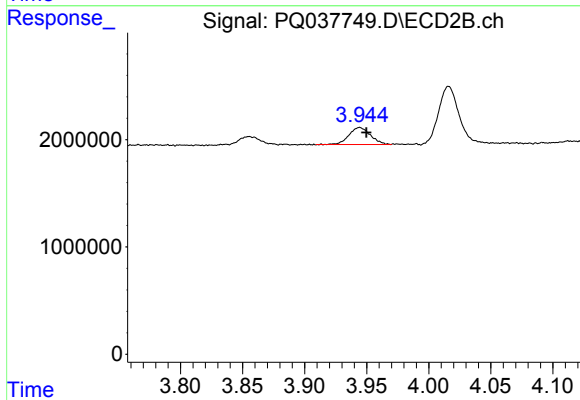
R.T.: 0.000 min
Exp R.T.: 3.864 min
Response: 0
Conc: N.D.



#9 AR-1221-2

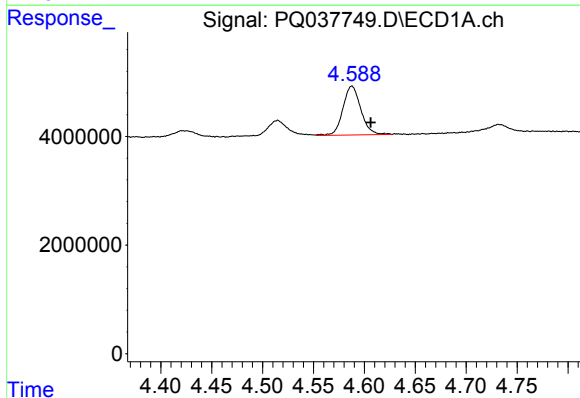
R.T.: 4.515 min
Delta R.T.: -0.016 min
Response: 4180771
Conc: 94.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS62



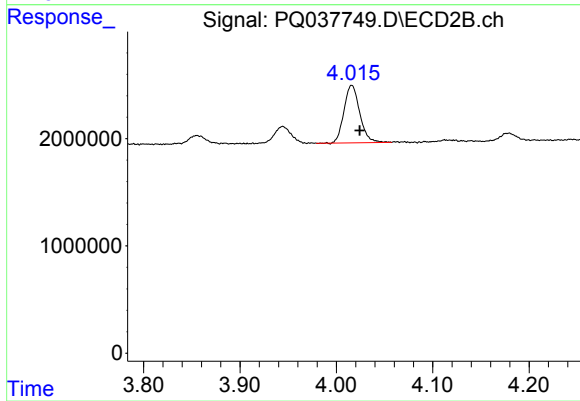
#9 AR-1221-2

R.T.: 3.944 min
Delta R.T.: -0.006 min
Response: 1917976
Conc: 79.97 ng/ml



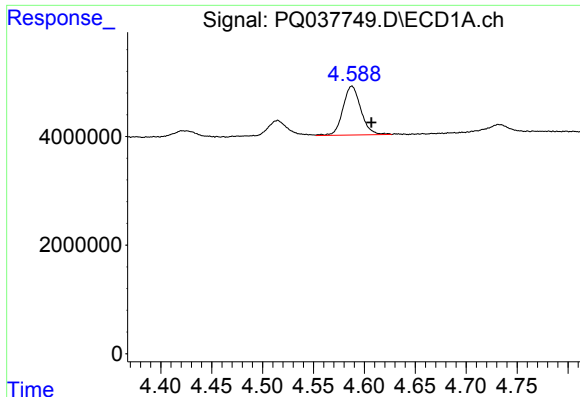
#10 AR-1221-3

R.T.: 4.588 min
Delta R.T.: -0.019 min
Response: 11085071
Conc: 72.12 ng/ml



#10 AR-1221-3

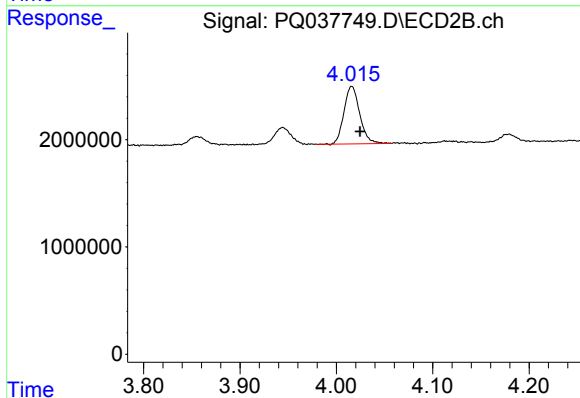
R.T.: 4.016 min
Delta R.T.: -0.008 min
Response: 6084981
Conc: 71.96 ng/ml



#11 AR-1232-1

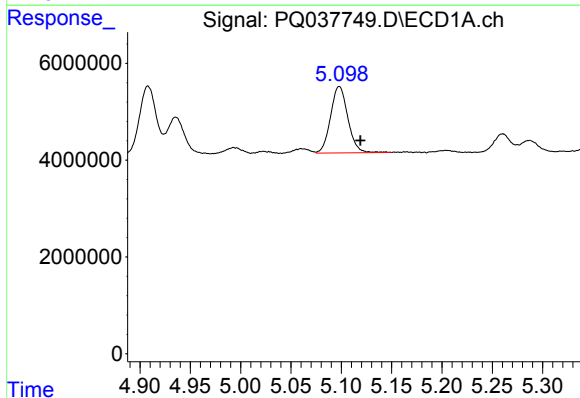
R.T.: 4.588 min
Delta R.T.: -0.019 min
Response: 11085071
Conc: 97.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS62



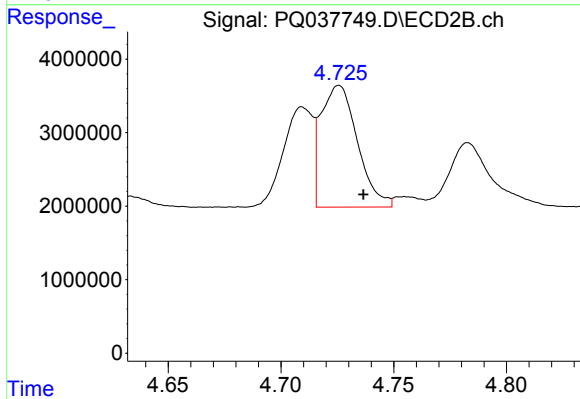
#11 AR-1232-1

R.T.: 4.016 min
Delta R.T.: -0.009 min
Response: 6084981
Conc: 98.30 ng/ml



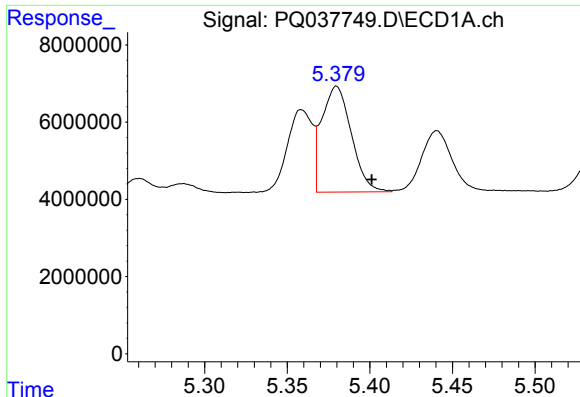
#12 AR-1232-2

R.T.: 5.098 min
Delta R.T.: -0.021 min
Response: 16403762
Conc: 280.59 ng/ml



#12 AR-1232-2

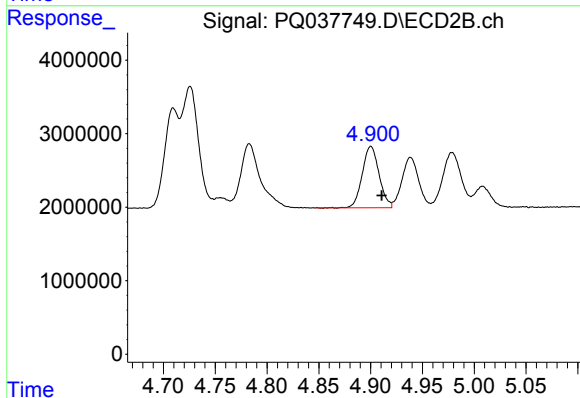
R.T.: 4.726 min
Delta R.T.: -0.011 min
Response: 18651104
Conc: 271.44 ng/ml



#13 AR-1232-3

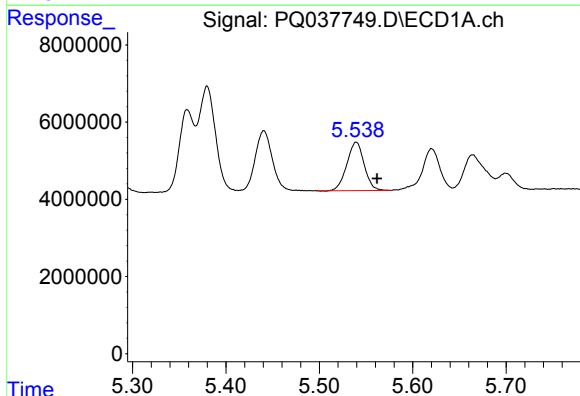
R.T.: 5.380 min
Delta R.T.: -0.021 min
Response: 34180790
Conc: 273.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS62



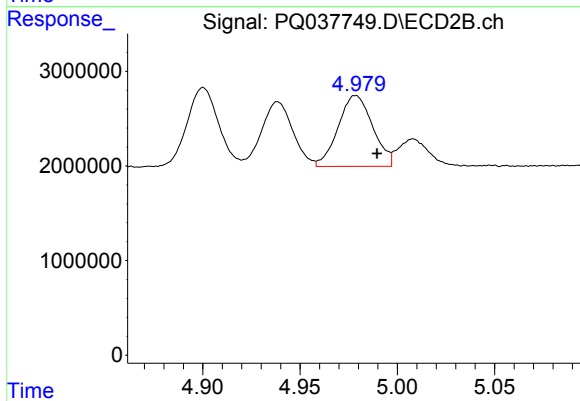
#13 AR-1232-3

R.T.: 4.900 min
Delta R.T.: -0.011 min
Response: 9434874
Conc: 270.93 ng/ml



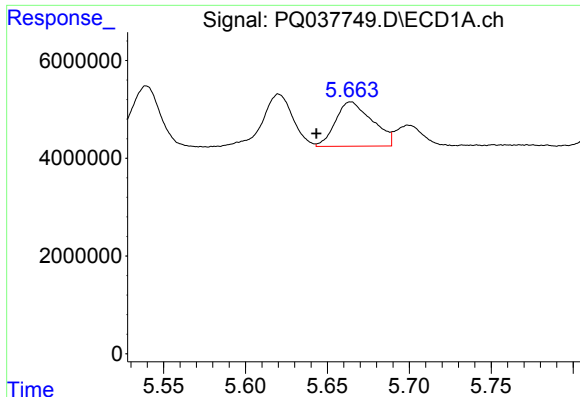
#14 AR-1232-4

R.T.: 5.540 min
Delta R.T.: -0.022 min
Response: 16221766
Conc: 253.85 ng/ml



#14 AR-1232-4

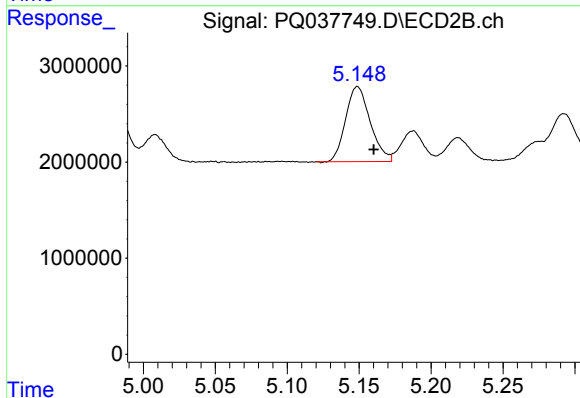
R.T.: 4.979 min
Delta R.T.: -0.011 min
Response: 9266114
Conc: 314.26 ng/ml



#15 AR-1232-5

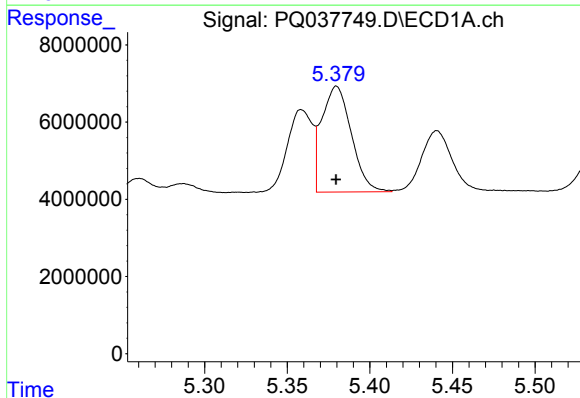
R.T.: 5.664 min
Delta R.T.: 0.021 min
Response: 14187375
Conc: 311.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS62



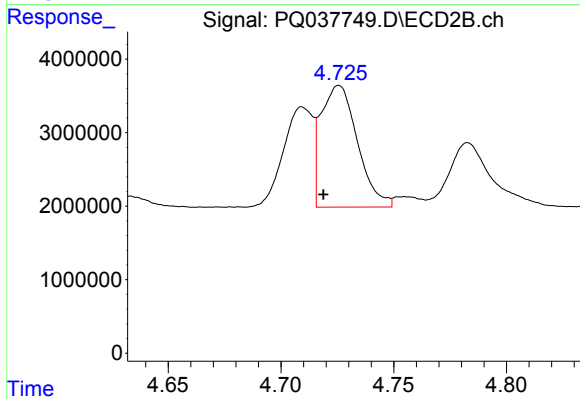
#15 AR-1232-5

R.T.: 5.149 min
Delta R.T.: -0.011 min
Response: 9352152
Conc: 275.19 ng/ml



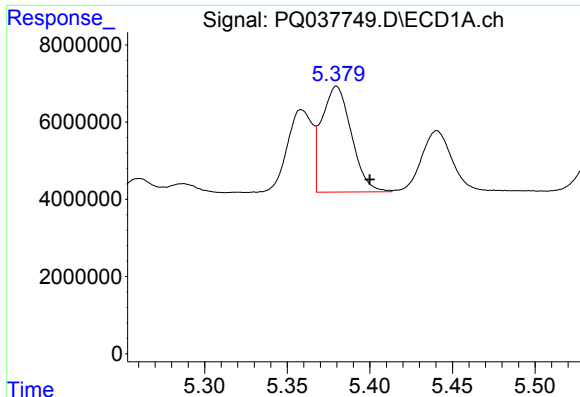
#16 AR-1242-1

R.T.: 5.380 min
Delta R.T.: 0.000 min
Response: 34180790
Conc: 208.37 ng/ml



#16 AR-1242-1

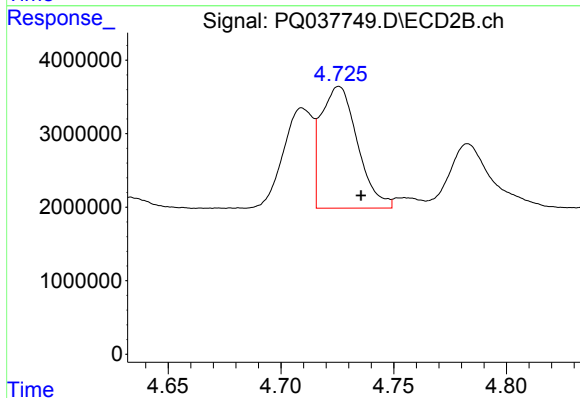
R.T.: 4.726 min
Delta R.T.: 0.007 min
Response: 18651104
Conc: 207.63 ng/ml



#17 AR-1242-2

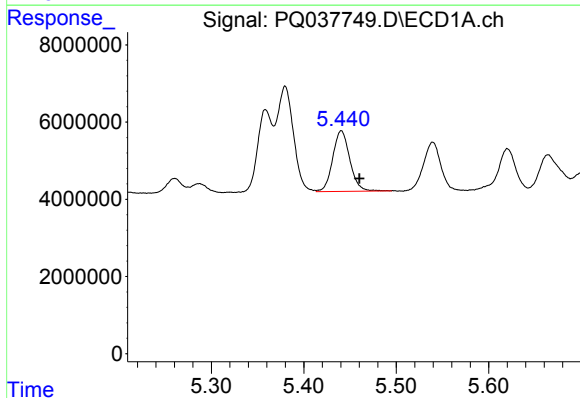
R.T.: 5.380 min
Delta R.T.: -0.020 min
Response: 34180790
Conc: 135.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS62



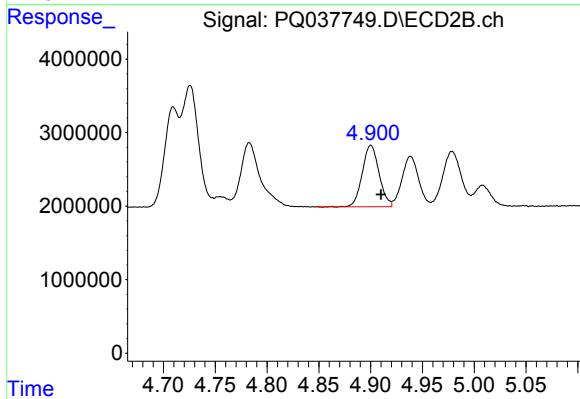
#17 AR-1242-2

R.T.: 4.726 min
Delta R.T.: -0.010 min
Response: 18651104
Conc: 136.77 ng/ml



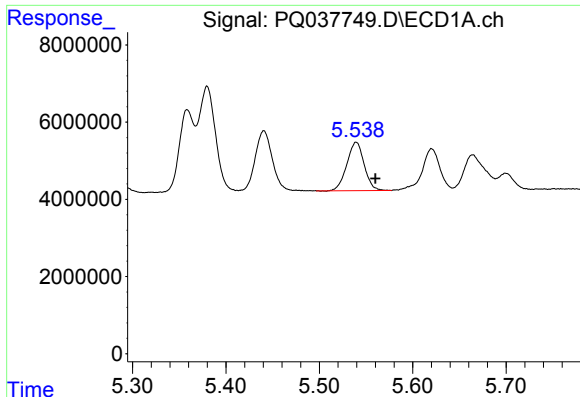
#18 AR-1242-3

R.T.: 5.441 min
Delta R.T.: -0.019 min
Response: 20166163
Conc: 133.32 ng/ml



#18 AR-1242-3

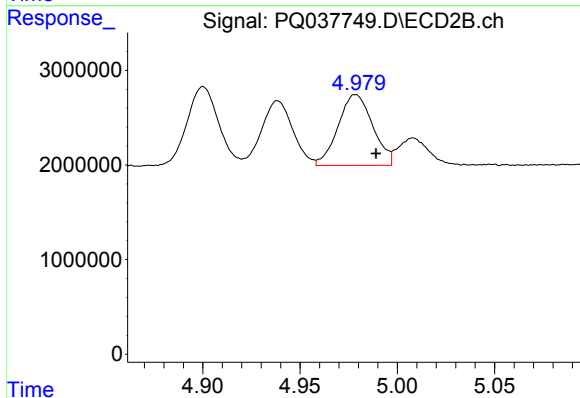
R.T.: 4.900 min
Delta R.T.: -0.010 min
Response: 9434874
Conc: 133.77 ng/ml



#19 AR-1242-4

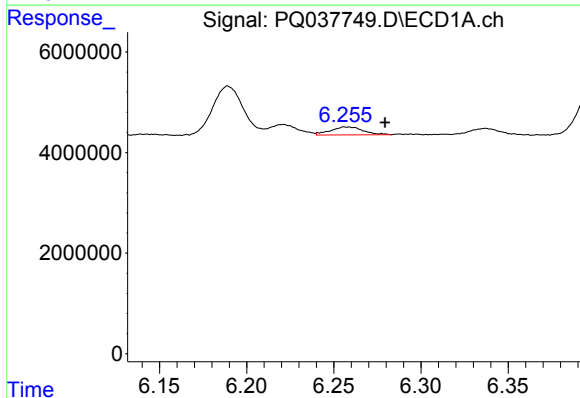
R.T.: 5.540 min
Delta R.T.: -0.020 min
Response: 16221766
Conc: 128.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS62



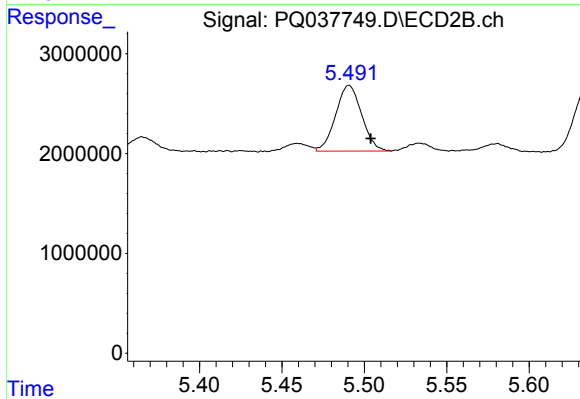
#19 AR-1242-4

R.T.: 4.979 min
Delta R.T.: -0.010 min
Response: 9266114
Conc: 135.05 ng/ml



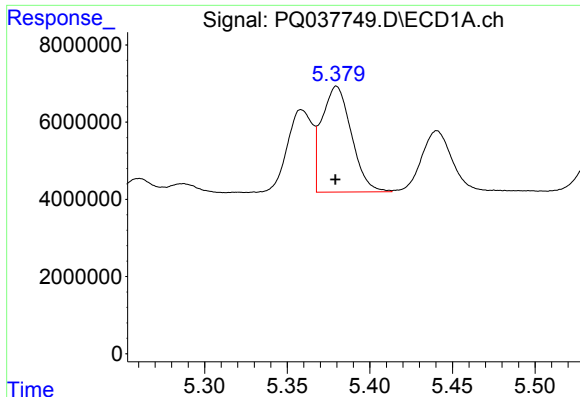
#20 AR-1242-5

R.T.: 6.257 min
Delta R.T.: -0.022 min
Response: 2062969
Conc: 14.87 ng/ml



#20 AR-1242-5

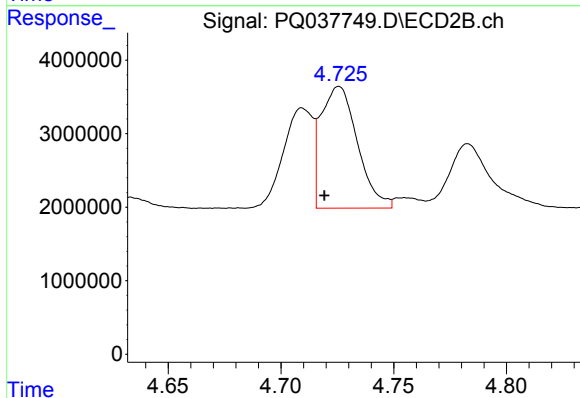
R.T.: 5.491 min
Delta R.T.: -0.013 min
Response: 7235365
Conc: 82.76 ng/ml



#21 AR-1248-1

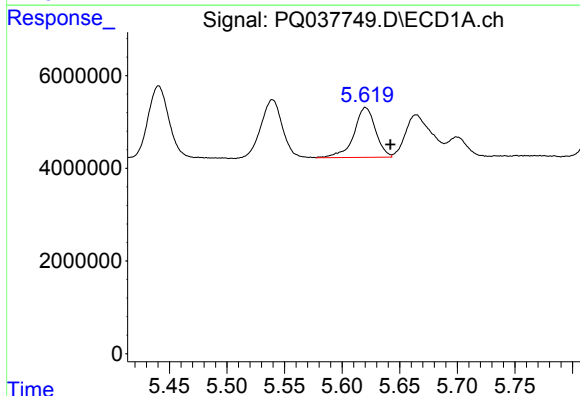
R.T.: 5.380 min
Delta R.T.: 0.000 min
Response: 34180790
Conc: 290.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS62



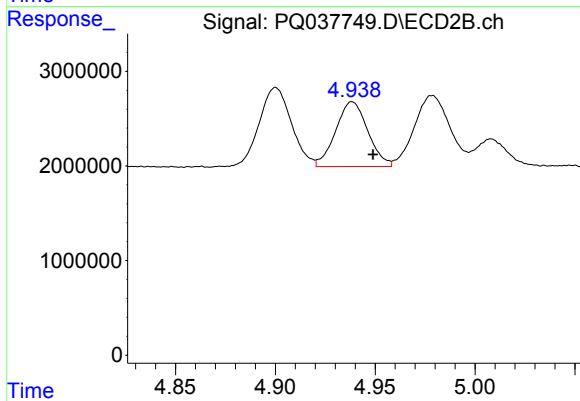
#21 AR-1248-1

R.T.: 4.726 min
Delta R.T.: 0.006 min
Response: 18651104
Conc: 279.59 ng/ml



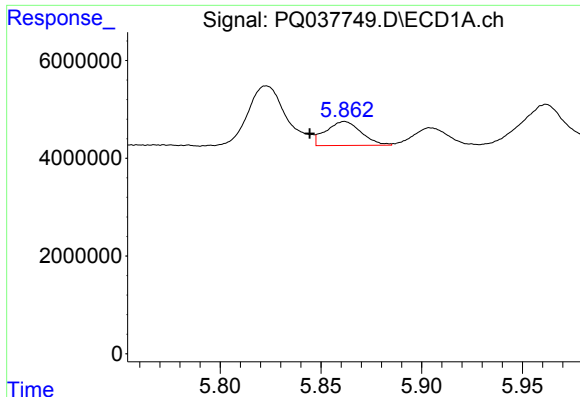
#22 AR-1248-2

R.T.: 5.620 min
Delta R.T.: -0.022 min
Response: 14038363
Conc: 81.83 ng/ml



#22 AR-1248-2

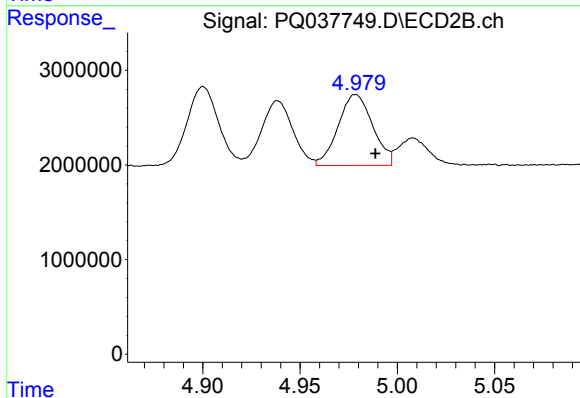
R.T.: 4.939 min
Delta R.T.: -0.010 min
Response: 7670109
Conc: 84.84 ng/ml



#23 AR-1248-3

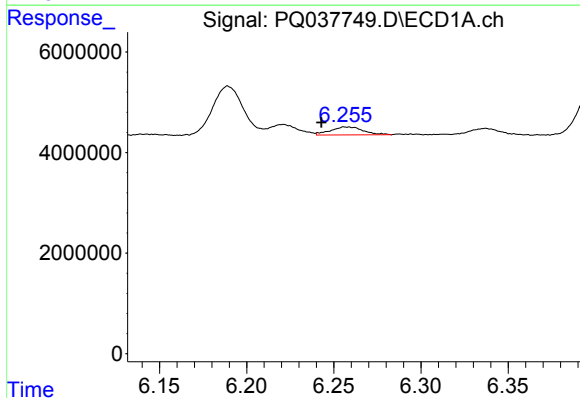
R.T.: 5.862 min
Delta R.T.: 0.017 min
Response: 5973100
Conc: 30.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS62



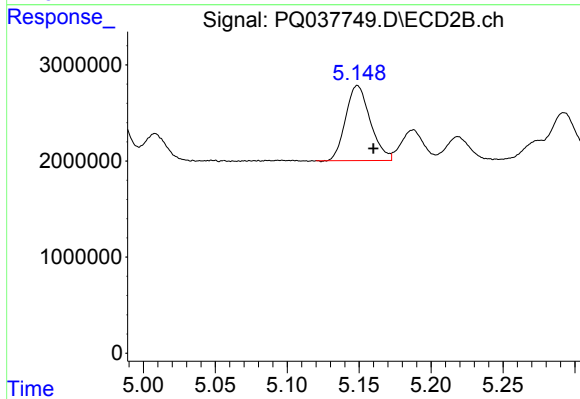
#23 AR-1248-3

R.T.: 4.979 min
Delta R.T.: -0.010 min
Response: 9266114
Conc: 100.40 ng/ml



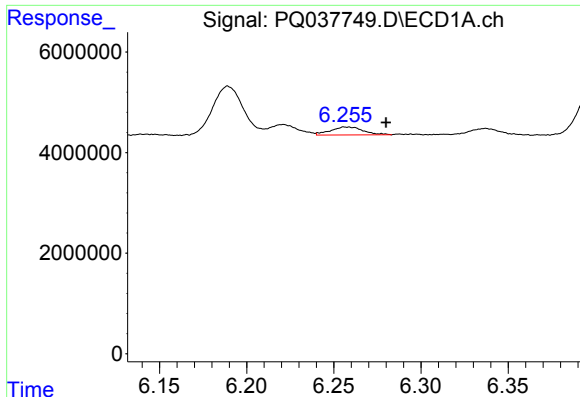
#24 AR-1248-4

R.T.: 6.257 min
Delta R.T.: 0.014 min
Response: 2062969
Conc: 9.07 ng/ml



#24 AR-1248-4

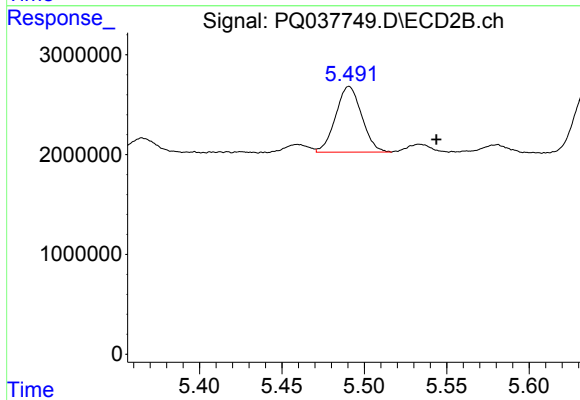
R.T.: 5.149 min
Delta R.T.: -0.011 min
Response: 9352152
Conc: 82.41 ng/ml



#25 AR-1248-5

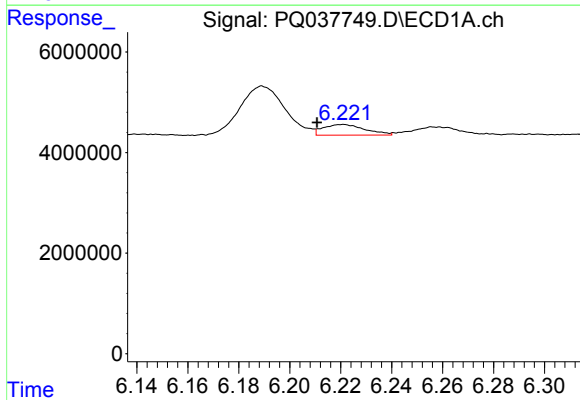
R.T.: 6.257 min
Delta R.T.: -0.023 min
Response: 2062969
Conc: 9.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS62



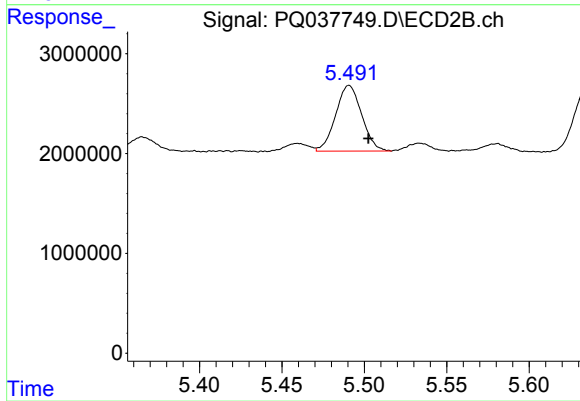
#25 AR-1248-5

R.T.: 5.491 min
Delta R.T.: -0.053 min
Response: 7235365
Conc: 65.90 ng/ml



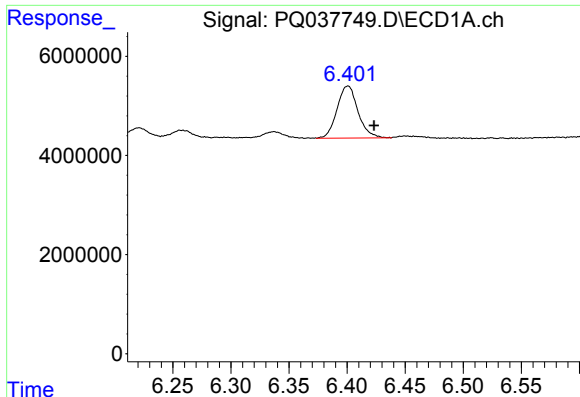
#26 AR-1254-1

R.T.: 6.221 min
Delta R.T.: 0.010 min
Response: 2398472
Conc: 11.32 ng/ml



#26 AR-1254-1

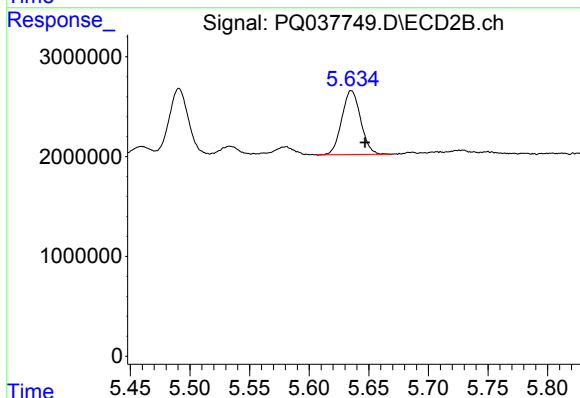
R.T.: 5.491 min
Delta R.T.: -0.012 min
Response: 7235365
Conc: 43.64 ng/ml



#27 AR-1254-2

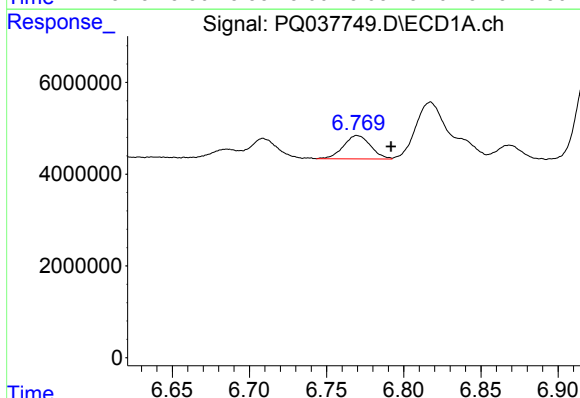
R.T.: 6.401 min
Delta R.T.: -0.022 min
Response: 13211947
Conc: 39.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS62



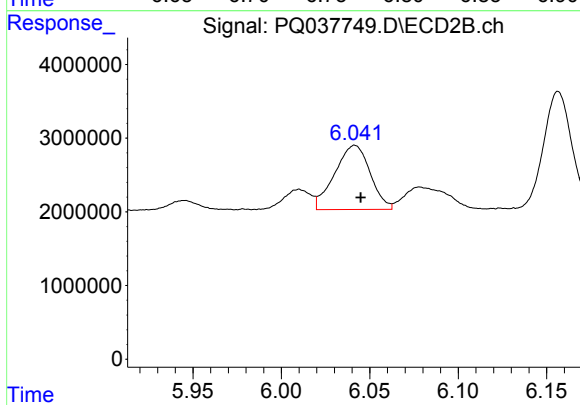
#27 AR-1254-2

R.T.: 5.635 min
Delta R.T.: -0.011 min
Response: 7033364
Conc: 49.39 ng/ml



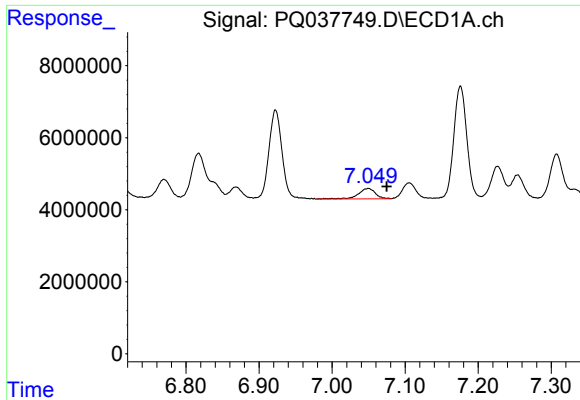
#28 AR-1254-3

R.T.: 6.770 min
Delta R.T.: -0.022 min
Response: 6236216
Conc: 17.97 ng/ml



#28 AR-1254-3

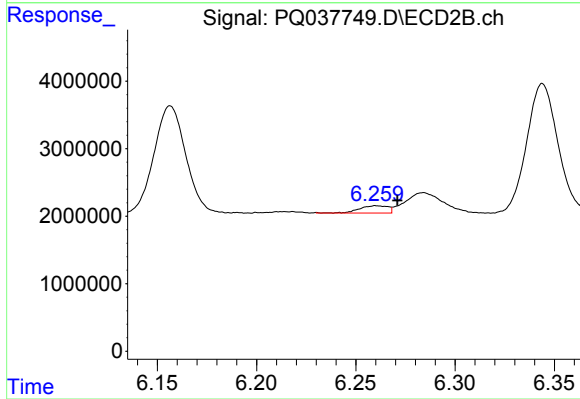
R.T.: 6.042 min
Delta R.T.: -0.003 min
Response: 12174100
Conc: 53.36 ng/ml



#29 AR-1254-4

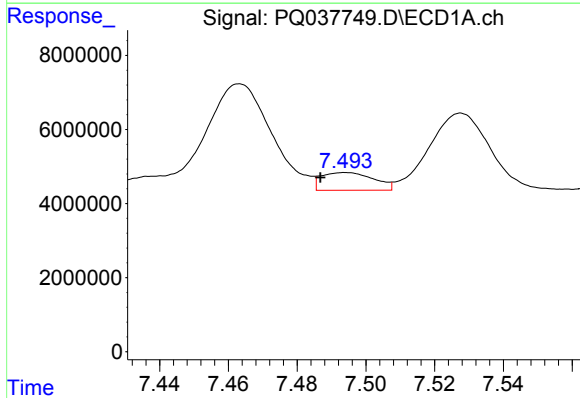
R.T.: 7.050 min
Delta R.T.: -0.025 min
Response: 4677217
Conc: 16.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS62



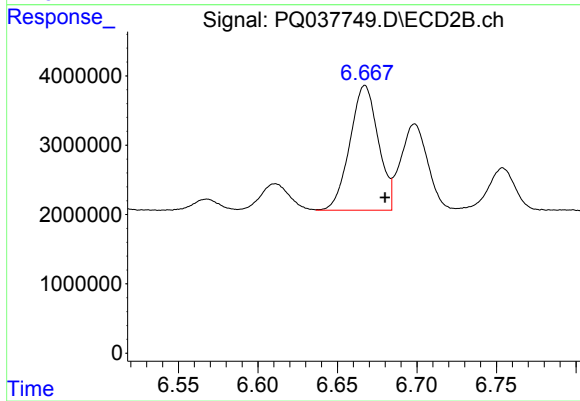
#29 AR-1254-4

R.T.: 6.260 min
Delta R.T.: -0.011 min
Response: 1071661
Conc: 6.24 ng/ml



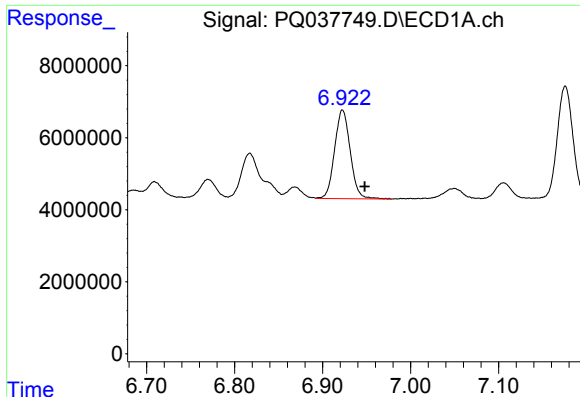
#30 AR-1254-5

R.T.: 7.494 min
Delta R.T.: 0.007 min
Response: 5061471
Conc: 18.31 ng/ml



#30 AR-1254-5

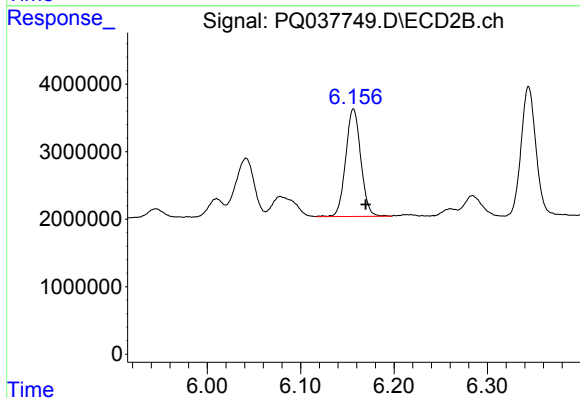
R.T.: 6.667 min
Delta R.T.: -0.013 min
Response: 22396678
Conc: 115.67 ng/ml



#31 AR-1260-1

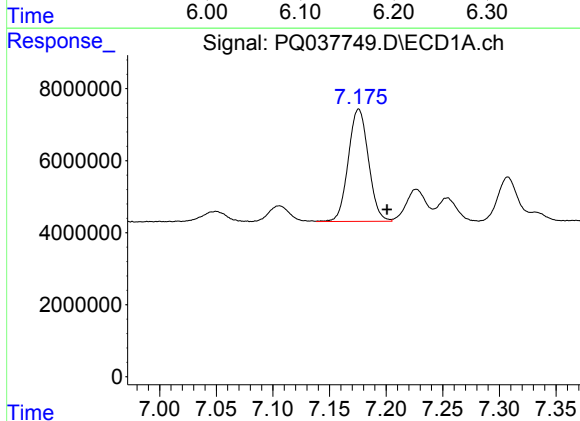
R.T.: 6.923 min
Delta R.T.: -0.025 min
Response: 30478729
Conc: 68.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS62



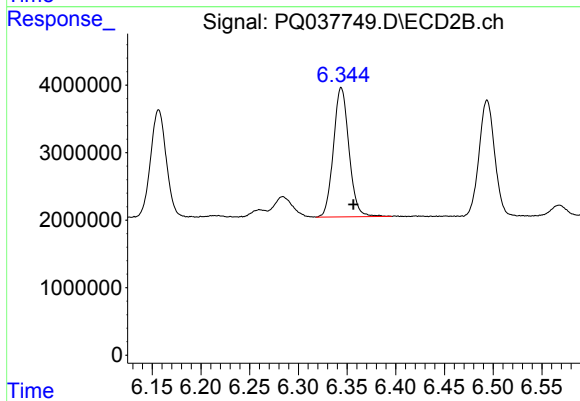
#31 AR-1260-1

R.T.: 6.157 min
Delta R.T.: -0.013 min
Response: 17865310
Conc: 70.47 ng/ml



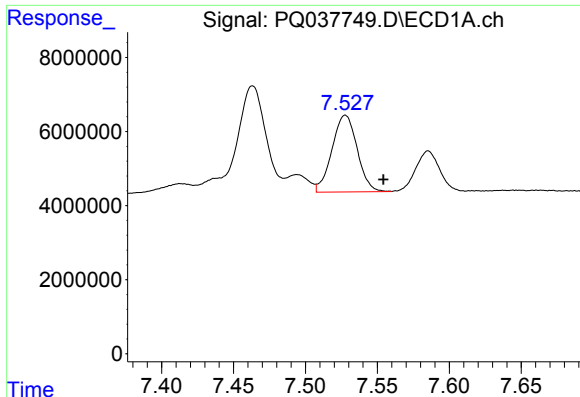
#32 AR-1260-2

R.T.: 7.176 min
Delta R.T.: -0.025 min
Response: 38636041
Conc: 66.82 ng/ml



#32 AR-1260-2

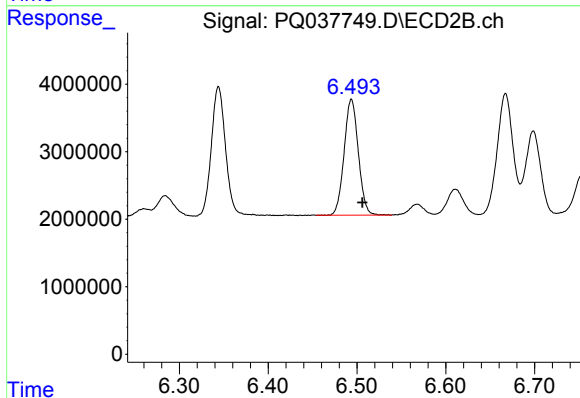
R.T.: 6.344 min
Delta R.T.: -0.013 min
Response: 21197392
Conc: 68.96 ng/ml



#33 AR-1260-3

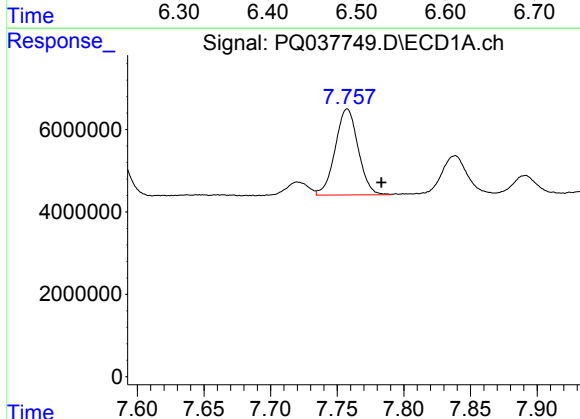
R.T.: 7.528 min
Delta R.T.: -0.026 min
Response: 25369611
Conc: 56.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS62



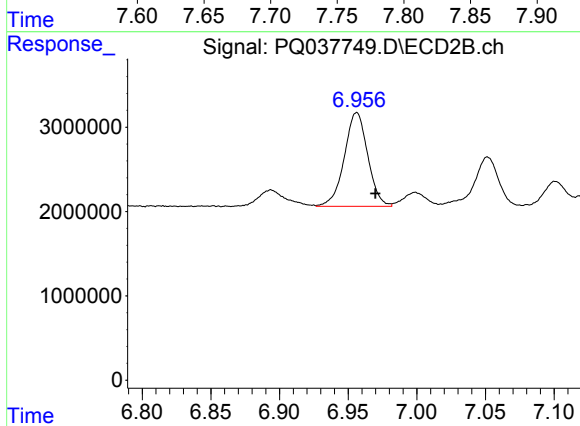
#33 AR-1260-3

R.T.: 6.494 min
Delta R.T.: -0.013 min
Response: 19063586
Conc: 67.13 ng/ml



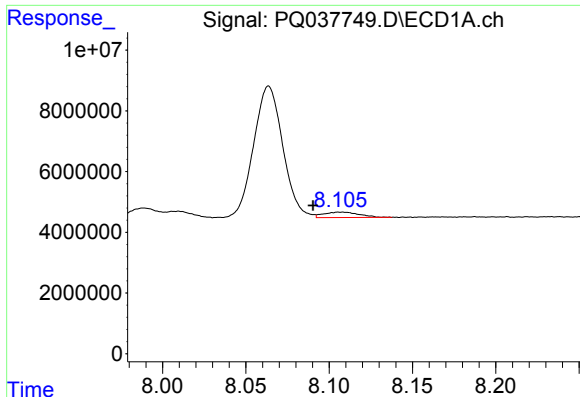
#34 AR-1260-4

R.T.: 7.758 min
Delta R.T.: -0.026 min
Response: 25100579
Conc: 57.31 ng/ml



#34 AR-1260-4

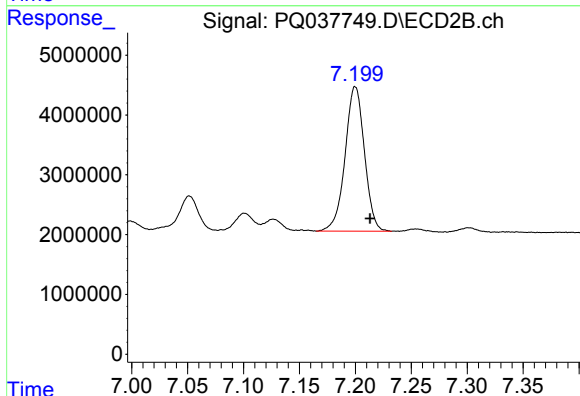
R.T.: 6.956 min
Delta R.T.: -0.014 min
Response: 13201842
Conc: 59.98 ng/ml



#35 AR-1260-5

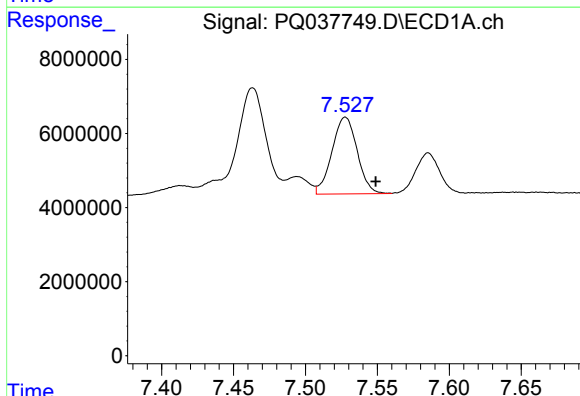
R.T.: 8.107 min
Delta R.T.: 0.016 min
Response: 2702422
Conc: 2.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS62



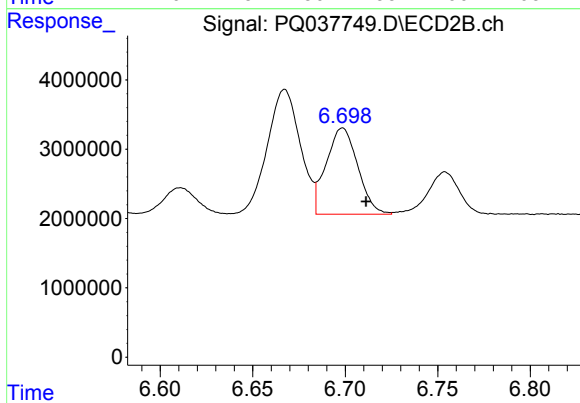
#35 AR-1260-5

R.T.: 7.200 min
Delta R.T.: -0.013 min
Response: 29167996
Conc: 55.24 ng/ml



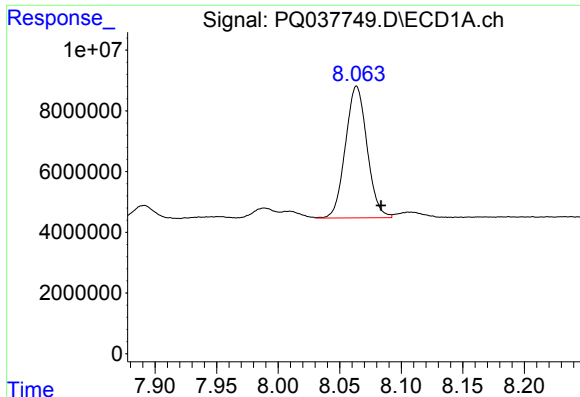
#36 AR-1262-1

R.T.: 7.528 min
Delta R.T.: -0.021 min
Response: 25369611
Conc: 63.51 ng/ml



#36 AR-1262-1

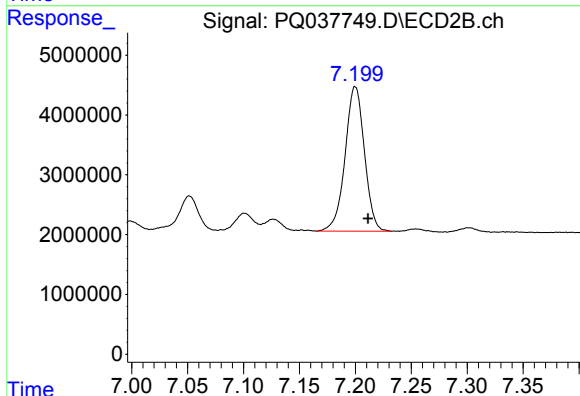
R.T.: 6.699 min
Delta R.T.: -0.013 min
Response: 14813399
Conc: 70.78 ng/ml



#37 AR-1262-2

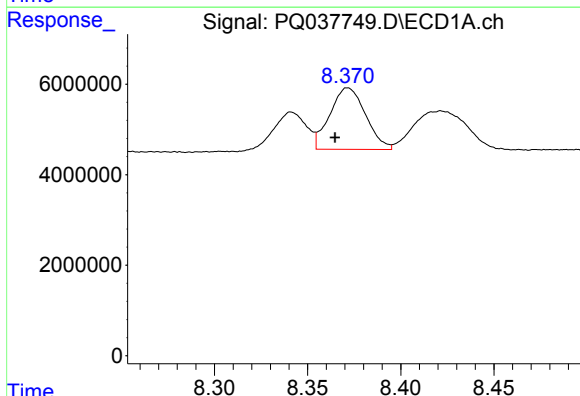
R.T.: 8.064 min
Delta R.T.: -0.020 min
Response: 53141485
Conc: 76.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS62



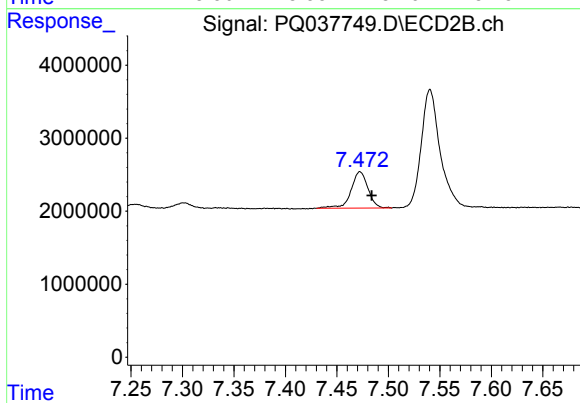
#37 AR-1262-2

R.T.: 7.200 min
Delta R.T.: -0.011 min
Response: 29167996
Conc: 78.74 ng/ml



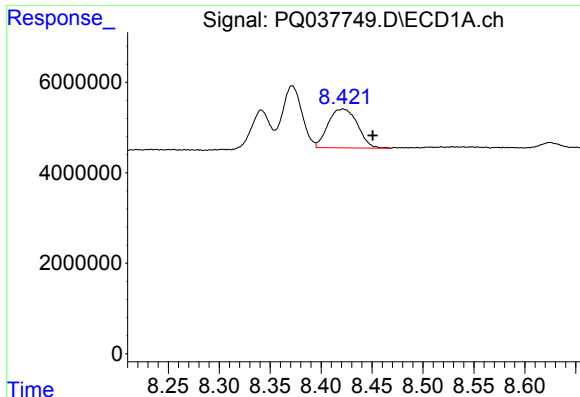
#38 AR-1262-3

R.T.: 8.372 min
Delta R.T.: 0.007 min
Response: 18162748
Conc: 60.66 ng/ml



#38 AR-1262-3

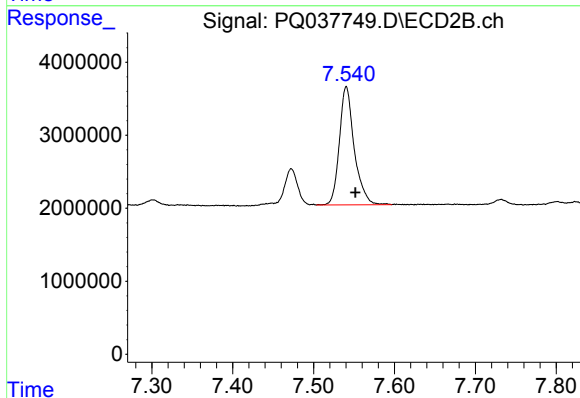
R.T.: 7.472 min
Delta R.T.: -0.011 min
Response: 5711047
Conc: 39.07 ng/ml



#39 AR-1262-4

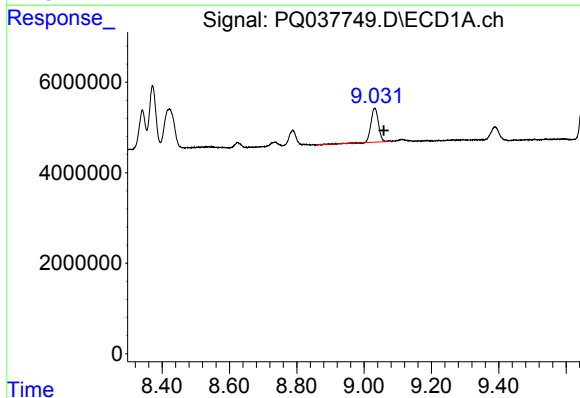
R.T.: 8.422 min
Delta R.T.: -0.029 min
Response: 17248693
Conc: 49.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS62



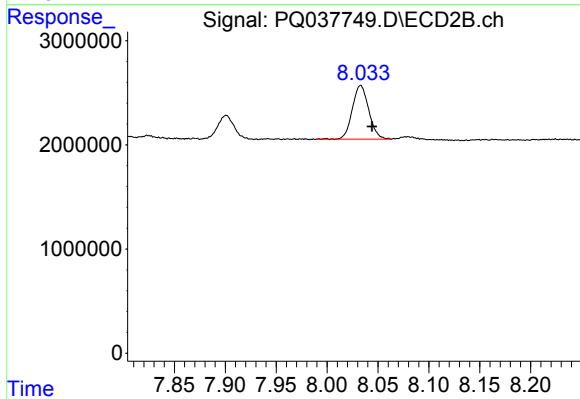
#39 AR-1262-4

R.T.: 7.540 min
Delta R.T.: -0.011 min
Response: 20689909
Conc: 77.58 ng/ml



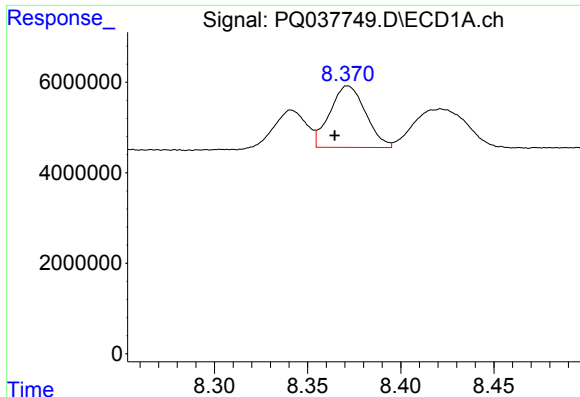
#40 AR-1262-5

R.T.: 9.031 min
Delta R.T.: -0.027 min
Response: 11817528
Conc: 49.55 ng/ml



#40 AR-1262-5

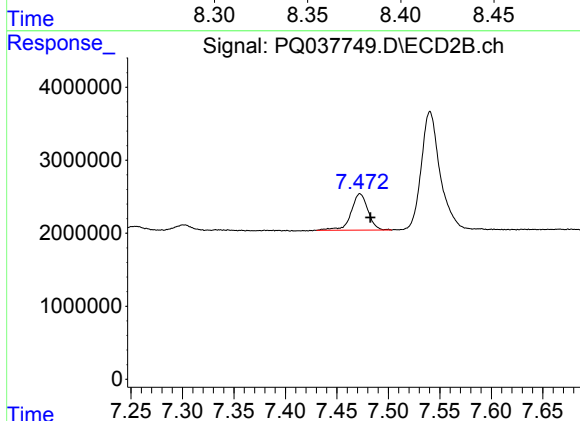
R.T.: 8.033 min
Delta R.T.: -0.011 min
Response: 5812944
Conc: 49.76 ng/ml



#41 AR-1268-1

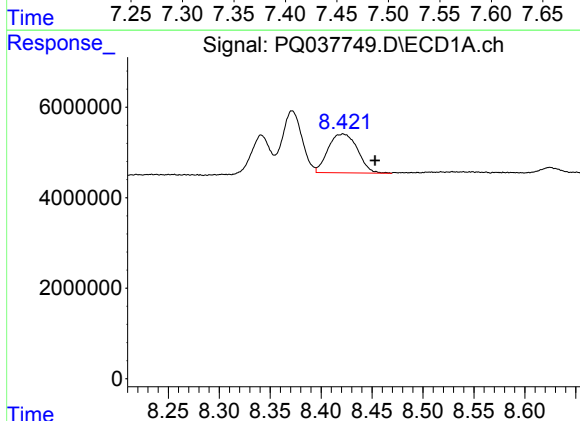
R.T.: 8.372 min
Delta R.T.: 0.007 min
Response: 18162748
Conc: 13.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS62



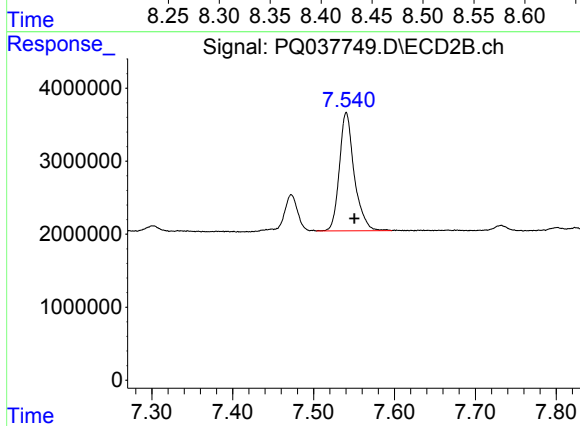
#41 AR-1268-1

R.T.: 7.472 min
Delta R.T.: -0.010 min
Response: 5711047
Conc: 8.72 ng/ml



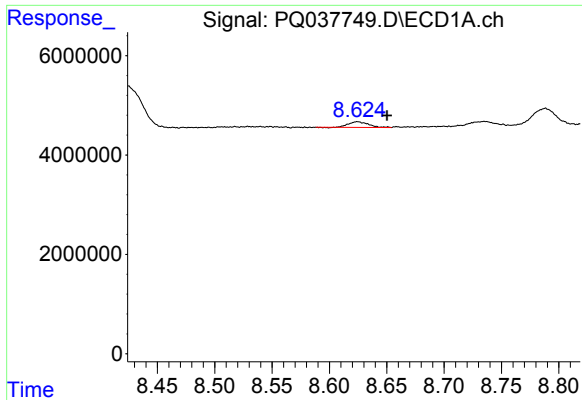
#42 AR-1268-2

R.T.: 8.422 min
Delta R.T.: -0.031 min
Response: 17248693
Conc: 14.00 ng/ml



#42 AR-1268-2

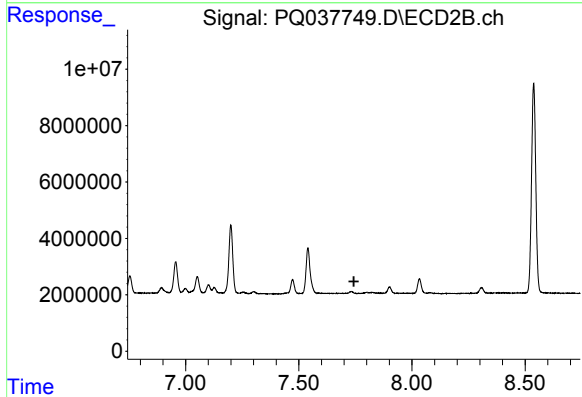
R.T.: 7.540 min
Delta R.T.: -0.010 min
Response: 20689909
Conc: 34.60 ng/ml



#43 AR-1268-3

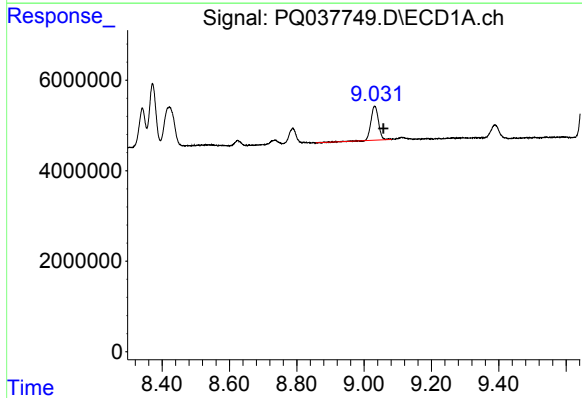
R.T.: 8.625 min
Delta R.T.: -0.026 min
Response: 1371790
Conc: 1.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS62



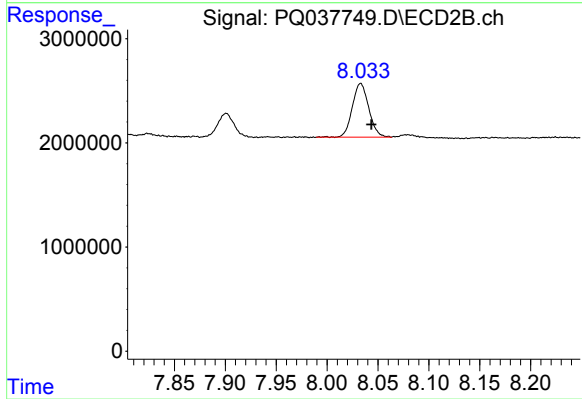
#43 AR-1268-3

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



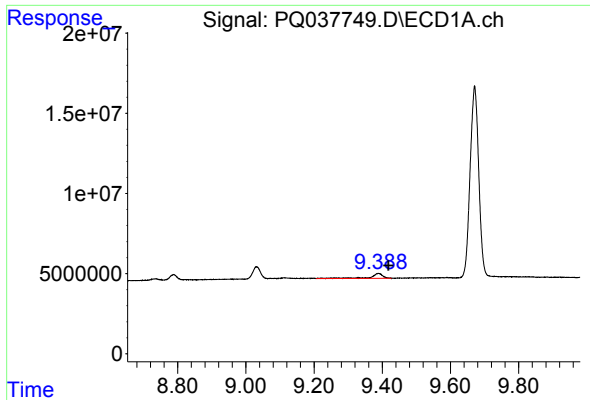
#44 AR-1268-4

R.T.: 9.031 min
Delta R.T.: -0.026 min
Response: 11817528
Conc: 29.63 ng/ml



#44 AR-1268-4

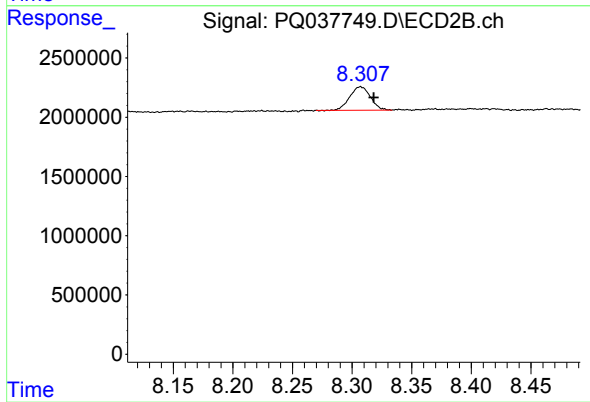
R.T.: 8.033 min
Delta R.T.: -0.011 min
Response: 5812944
Conc: 29.66 ng/ml



#45 AR-1268-5

R.T.: 9.389 min
Delta R.T.: -0.029 min
Response: 7581158
Conc: 2.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS62



#45 AR-1268-5

R.T.: 8.307 min
Delta R.T.: -0.011 min
Response: 2406804
Conc: 1.56 ng/ml