

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031119\
 Data File : PQ037905.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Mar 2019 13:30
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660375

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 12 00:48:28 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...	4.209	3.648	115.8E6	59025377	20.349	22.409
2)	SA Decachlor...	9.652	8.529	198.9E6	92900912	39.387	40.043
Target Compounds							
3)	L1 AR-1016-1	5.372	4.722	163.4E6	94104503	565.426	609.958
4)	L1 AR-1016-2	5.372	4.722	163.4E6	94104503	365.696	392.029
5)	L1 AR-1016-3	5.433	4.897	97740954	47258359	371.873	388.102
6)	L1 AR-1016-4	5.532	4.935	81188074	37751838	369.284	404.220
7)	L1 AR-1016-5	5.853	5.145	32363660	49175618	150.561	392.599 #
8)	L2 AR-1221-1	4.417	3.853	9365853	5502753	149.469	161.721
9)	L2 AR-1221-2	4.505	3.939	11208691	6734990	254.534	280.806
10)	L2 AR-1221-3	4.581	4.013	53506811	30988442	348.108	366.440
11)	L3 AR-1232-1	4.581	4.013	53506811	30988442	468.856	500.602
12)	L3 AR-1232-2	5.091	4.722	80482083	94104503	1376.646	1369.536
13)	L3 AR-1232-3	5.372	4.897	163.4E6	47258359	1308.278	1357.048
14)	L3 AR-1232-4	5.532	4.975	81188074	45941654	1270.486	1558.101
15)	L3 AR-1232-5	5.656	5.145	69290772	49175618	1519.298	1447.029
16)	L4 AR-1242-1	5.372	4.722	163.4E6	94104503	996.255	1047.614
17)	L4 AR-1242-2	5.372	4.722	163.4E6	94104503	648.379	690.098
18)	L4 AR-1242-3	5.433	4.897	97740954	47258359	646.170	670.033
19)	L4 AR-1242-4	5.532	4.975	81188074	45941654	644.981	669.563
20)	L4 AR-1242-5	6.249	5.487	22044778	49651133	158.852	567.900 #
21)	L5 AR-1248-1	5.372	4.722	163.4E6	94104503	1388.541	1410.687
22)	L5 AR-1248-2	5.656	4.935	69290772	37751838	403.889	417.601
23)	L5 AR-1248-3	5.853	4.975	32363660	45941654	166.581	497.779 #
24)	L5 AR-1248-4	6.249	5.145	22044778	49175618	96.956	433.343 #
25)	L5 AR-1248-5	6.249	5.528	22044778	11501805	102.075	104.762
26)	L6 AR-1254-1	6.212	5.487	27321542	49651133	129.003	299.442 #
27)	L6 AR-1254-2	6.444	5.630	2945349	35411374	8.783	248.652 #
28)	L6 AR-1254-3	6.808	6.037	105.6E6	65300224	304.409	286.202
29)	L6 AR-1254-4	7.096	6.279	27716002	21530897	100.147	125.370 #
30)	L6 AR-1254-5	7.485	6.693	26795468	96673076	96.951	499.273 #
31)	L7 AR-1260-1	6.912	6.151	154.8E6	98155820	348.354	387.152
32)	L7 AR-1260-2	7.217	6.339	52278366	119.3E6	90.416	388.241 #
33)	L7 AR-1260-3	7.575	6.488	80119807	110.5E6	179.342	389.198 #
34)	L7 AR-1260-4	7.747	6.950	154.8E6	86310548	353.450	392.157
35)	L7 AR-1260-5	8.095	7.193	19417446	205.5E6	19.372	389.287 #
36)	L8 AR-1262-1	7.575	6.693	80119807	96673076	200.586	461.927 #
37)	L8 AR-1262-2	8.095	7.193	19417446	205.5E6	28.030	554.825 #
38)	L8 AR-1262-3	8.361	7.466	76239428	40192038	254.620	274.985
39)	L8 AR-1262-4	8.411	7.534	96710656	141.3E6	275.236	529.804 #
40)	L8 AR-1262-5	9.099	8.026	5145420	44092237	21.575	377.406 #
41)	L9 AR-1268-1	8.361	7.466	76239428	40192038	56.869	61.358

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031119\
Data File : PQ037905.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2019 13:30
Operator : SM\SJ
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

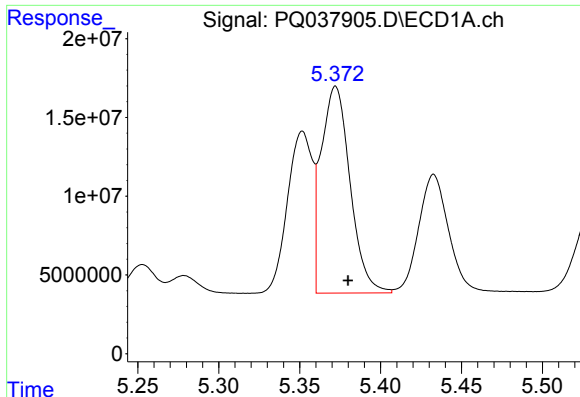
Instrument :
ECD_Q
ClientSampleId :
AR1660375

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 00:48:28 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
42)	L9 AR-1268-2	8.411	7.534	96710656	141.3E6	78.508	236.250 #
43)	L9 AR-1268-3	8.613	7.725	5045972	2189978	4.605	4.399
44)	L9 AR-1268-4	9.017	8.026	90011545	44092237	225.673	224.959
45)	L9 AR-1268-5	9.373	8.299	23696533	10806904	7.290	7.023

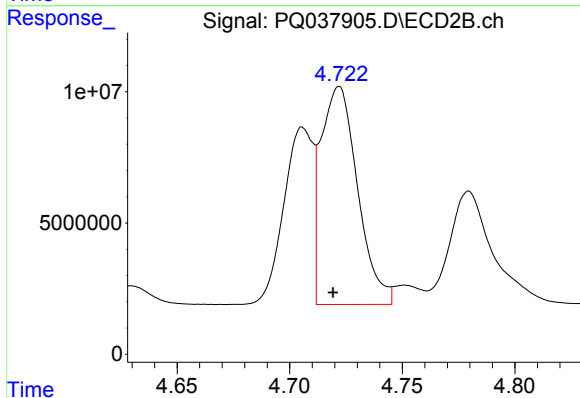
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

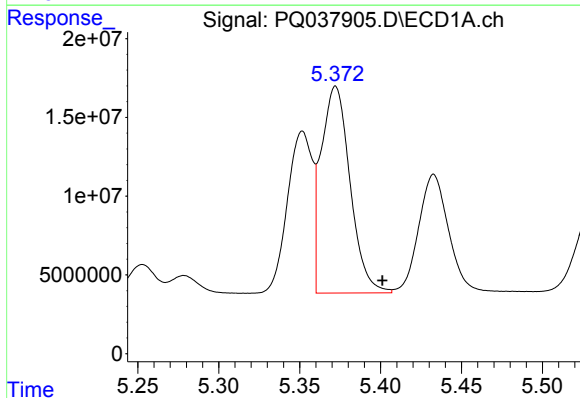
R.T.: 5.372 min
Delta R.T.: -0.008 min
Response: 163422377
Conc: 565.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660375



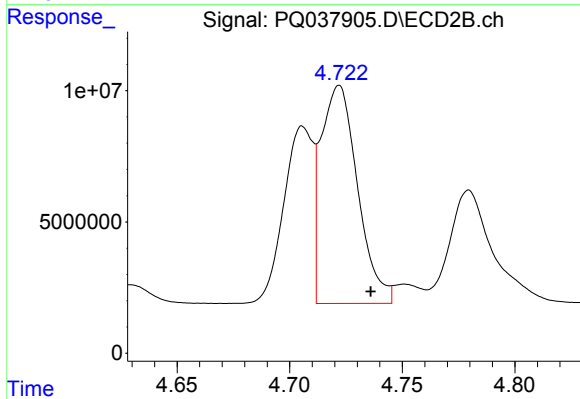
#3 AR-1016-1

R.T.: 4.722 min
Delta R.T.: 0.003 min
Response: 94104503
Conc: 609.96 ng/ml



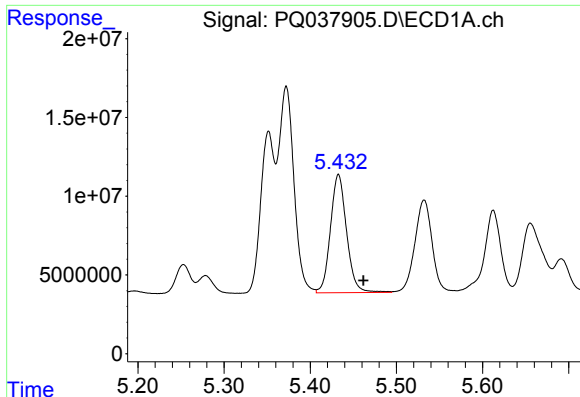
#4 AR-1016-2

R.T.: 5.372 min
Delta R.T.: -0.029 min
Response: 163422377
Conc: 365.70 ng/ml



#4 AR-1016-2

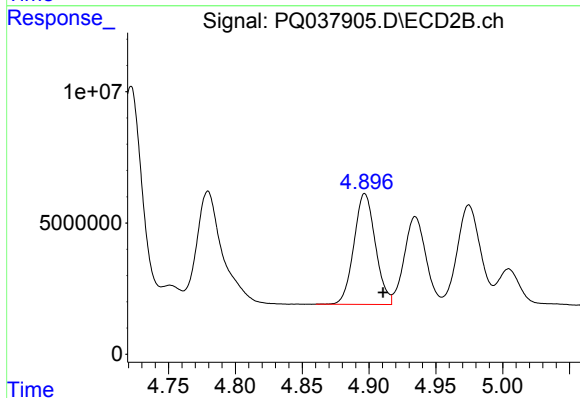
R.T.: 4.722 min
Delta R.T.: -0.014 min
Response: 94104503
Conc: 392.03 ng/ml



#5 AR-1016-3

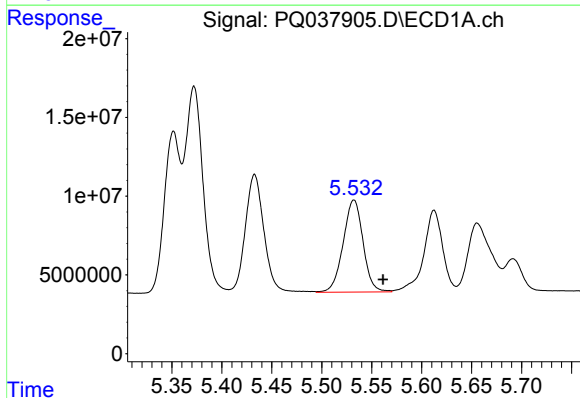
R.T.: 5.433 min
Delta R.T.: -0.029 min
Response: 97740954
Conc: 371.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660375



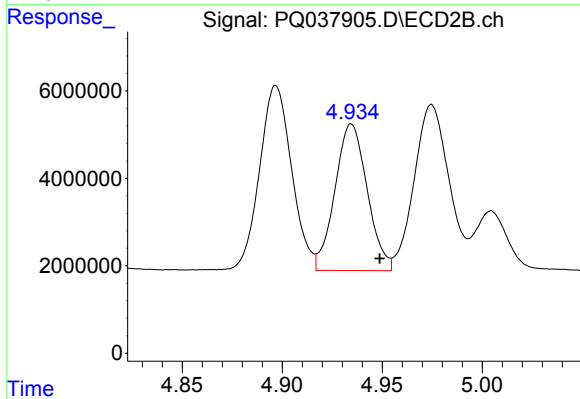
#5 AR-1016-3

R.T.: 4.897 min
Delta R.T.: -0.014 min
Response: 47258359
Conc: 388.10 ng/ml



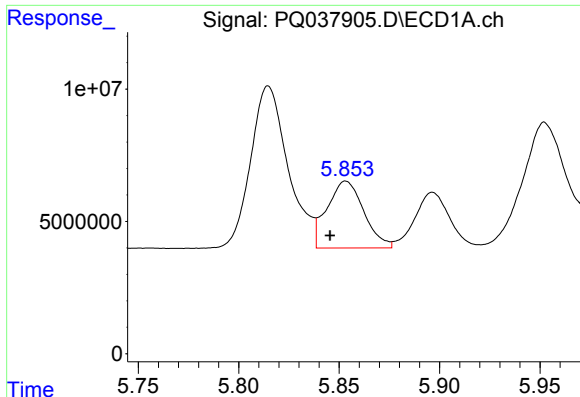
#6 AR-1016-4

R.T.: 5.532 min
Delta R.T.: -0.029 min
Response: 81188074
Conc: 369.28 ng/ml



#6 AR-1016-4

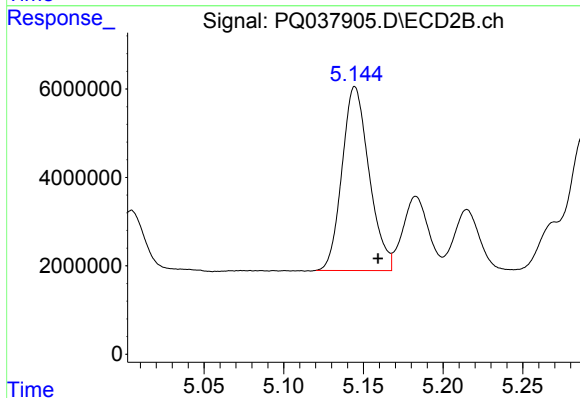
R.T.: 4.935 min
Delta R.T.: -0.014 min
Response: 37751838
Conc: 404.22 ng/ml



#7 AR-1016-5

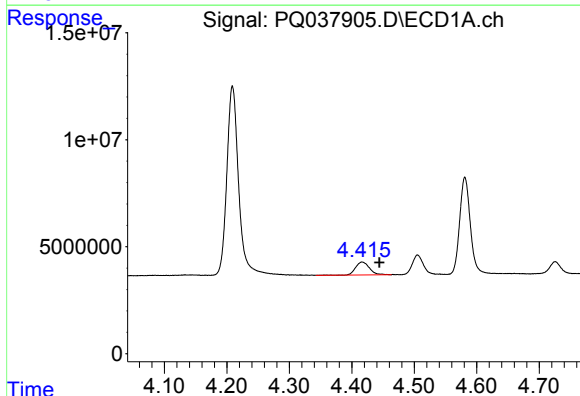
R.T.: 5.853 min
Delta R.T.: 0.008 min
Response: 32363660
Conc: 150.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660375



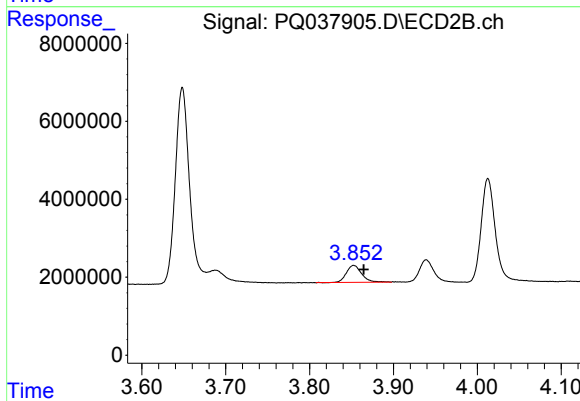
#7 AR-1016-5

R.T.: 5.145 min
Delta R.T.: -0.015 min
Response: 49175618
Conc: 392.60 ng/ml



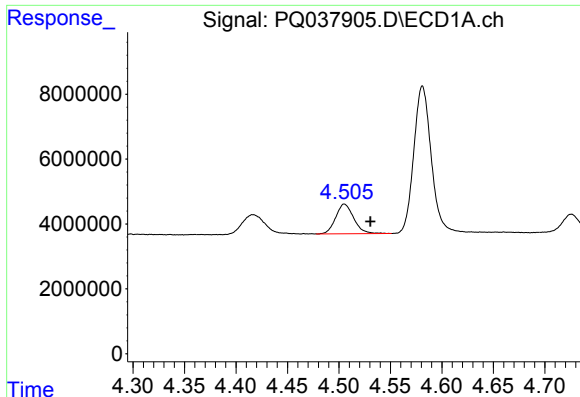
#8 AR-1221-1

R.T.: 4.417 min
Delta R.T.: -0.028 min
Response: 9365853
Conc: 149.47 ng/ml



#8 AR-1221-1

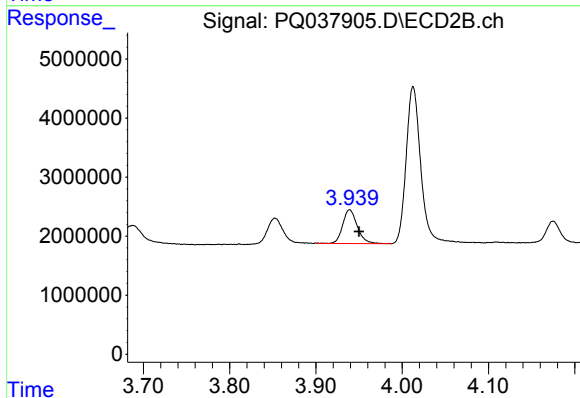
R.T.: 3.853 min
Delta R.T.: -0.012 min
Response: 5502753
Conc: 161.72 ng/ml



#9 AR-1221-2

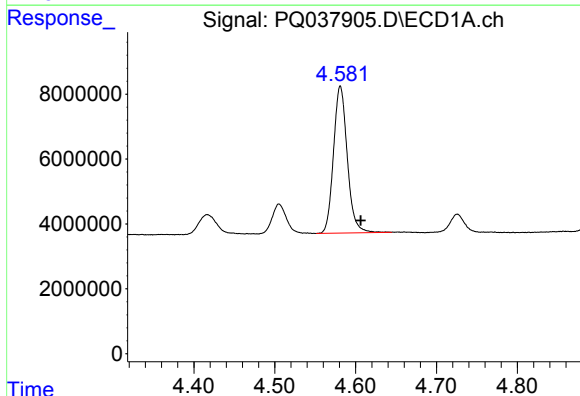
R.T.: 4.505 min
Delta R.T.: -0.025 min
Response: 11208691
Conc: 254.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660375



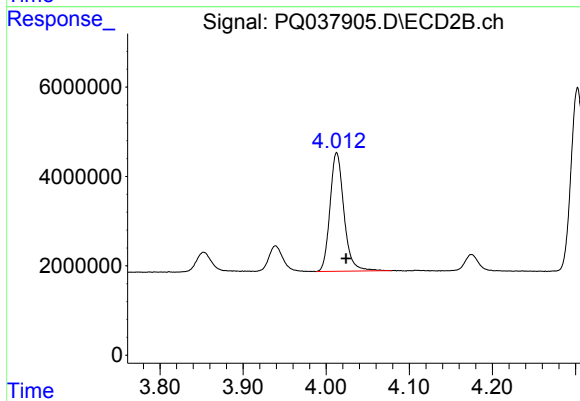
#9 AR-1221-2

R.T.: 3.939 min
Delta R.T.: -0.011 min
Response: 6734990
Conc: 280.81 ng/ml



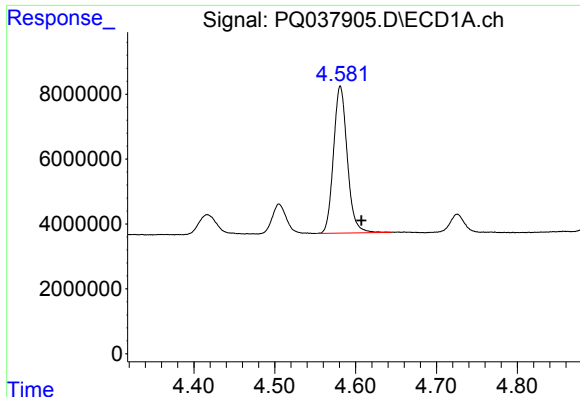
#10 AR-1221-3

R.T.: 4.581 min
Delta R.T.: -0.025 min
Response: 53506811
Conc: 348.11 ng/ml



#10 AR-1221-3

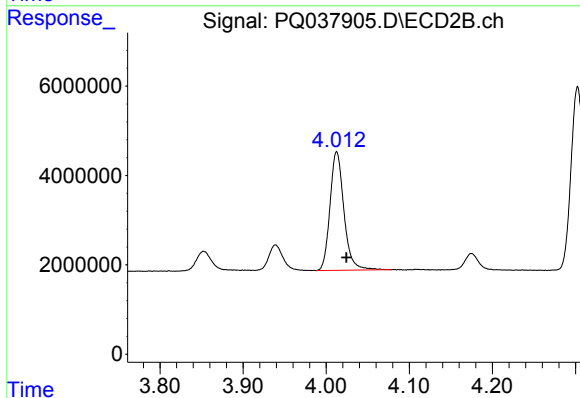
R.T.: 4.013 min
Delta R.T.: -0.011 min
Response: 30988442
Conc: 366.44 ng/ml



#11 AR-1232-1

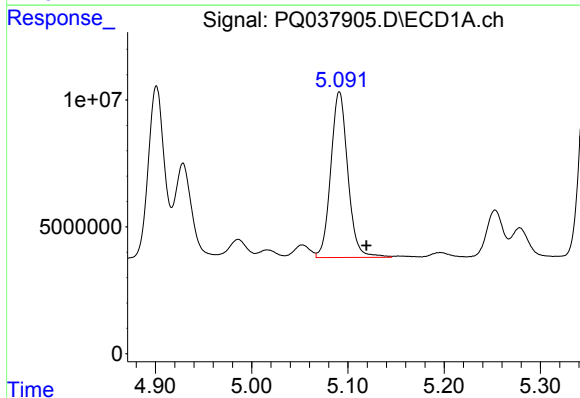
R.T.: 4.581 min
Delta R.T.: -0.026 min
Response: 53506811
Conc: 468.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660375



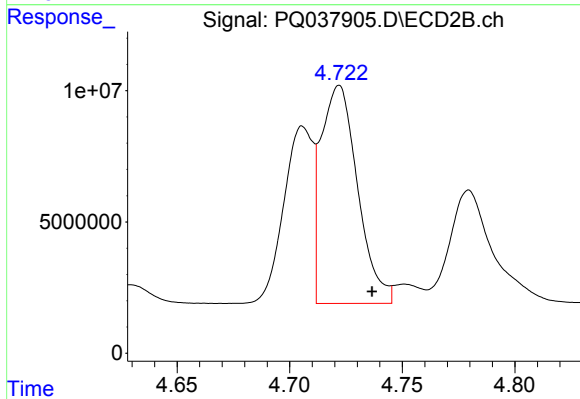
#11 AR-1232-1

R.T.: 4.013 min
Delta R.T.: -0.012 min
Response: 30988442
Conc: 500.60 ng/ml



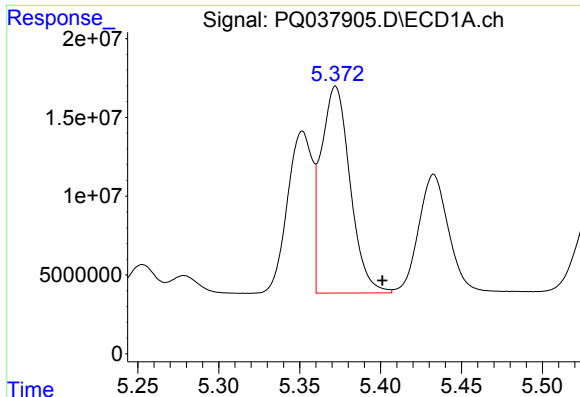
#12 AR-1232-2

R.T.: 5.091 min
Delta R.T.: -0.028 min
Response: 80482083
Conc: 1376.65 ng/ml



#12 AR-1232-2

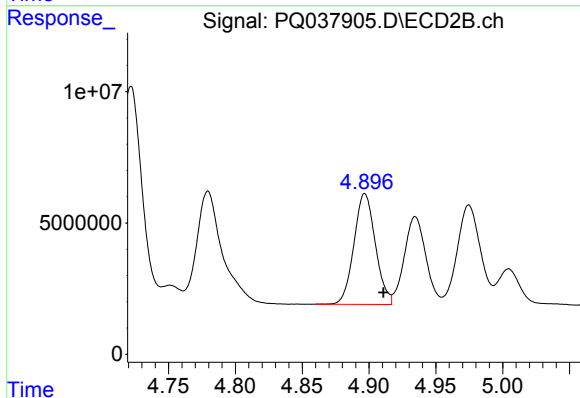
R.T.: 4.722 min
Delta R.T.: -0.015 min
Response: 94104503
Conc: 1369.54 ng/ml



#13 AR-1232-3

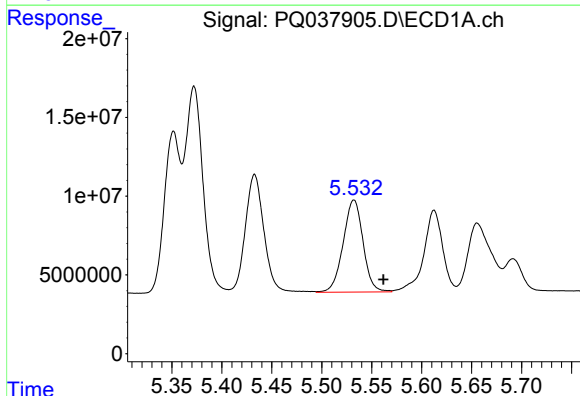
R.T.: 5.372 min
Delta R.T.: -0.029 min
Response: 163422377
Conc: 1308.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660375



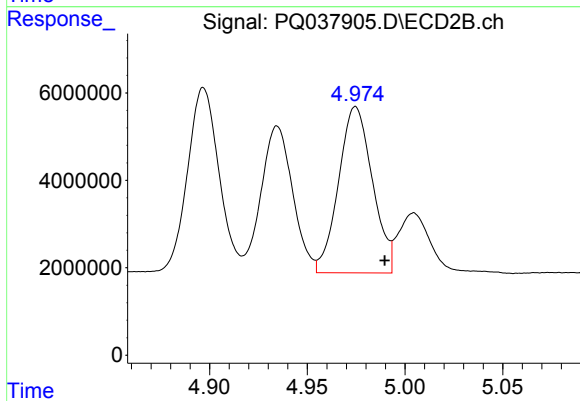
#13 AR-1232-3

R.T.: 4.897 min
Delta R.T.: -0.014 min
Response: 47258359
Conc: 1357.05 ng/ml



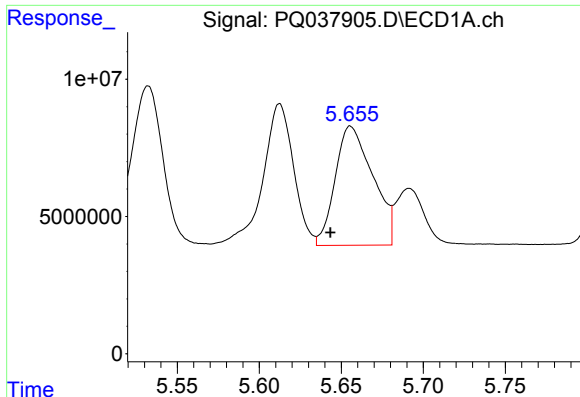
#14 AR-1232-4

R.T.: 5.532 min
Delta R.T.: -0.030 min
Response: 81188074
Conc: 1270.49 ng/ml



#14 AR-1232-4

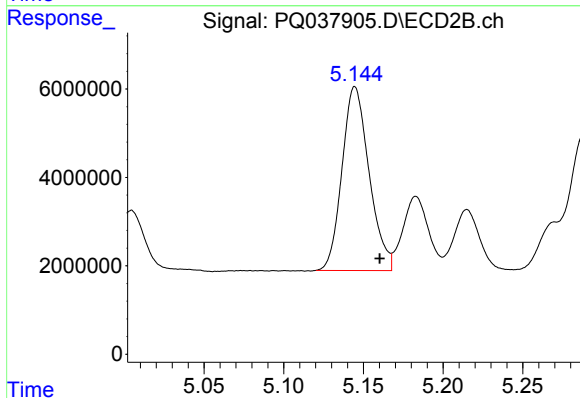
R.T.: 4.975 min
Delta R.T.: -0.015 min
Response: 45941654
Conc: 1558.10 ng/ml



#15 AR-1232-5

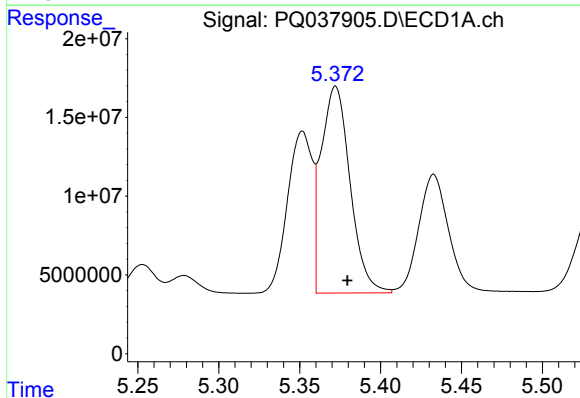
R.T.: 5.656 min
Delta R.T.: 0.012 min
Response: 69290772
Conc: 1519.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660375



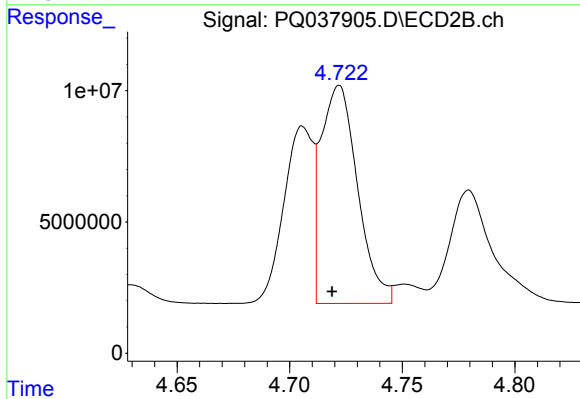
#15 AR-1232-5

R.T.: 5.145 min
Delta R.T.: -0.015 min
Response: 49175618
Conc: 1447.03 ng/ml



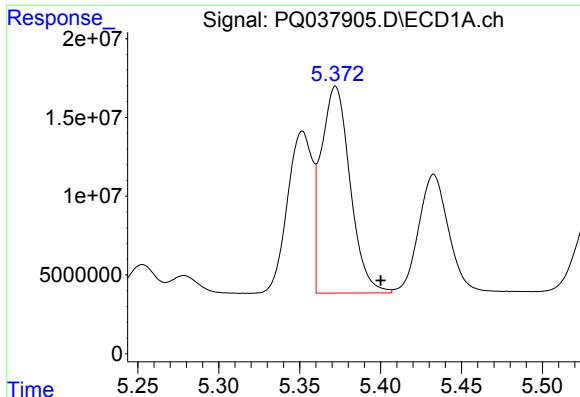
#16 AR-1242-1

R.T.: 5.372 min
Delta R.T.: -0.007 min
Response: 163422377
Conc: 996.26 ng/ml



#16 AR-1242-1

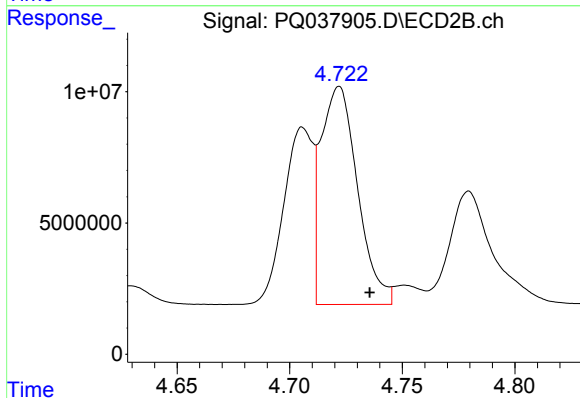
R.T.: 4.722 min
Delta R.T.: 0.003 min
Response: 94104503
Conc: 1047.61 ng/ml



#17 AR-1242-2

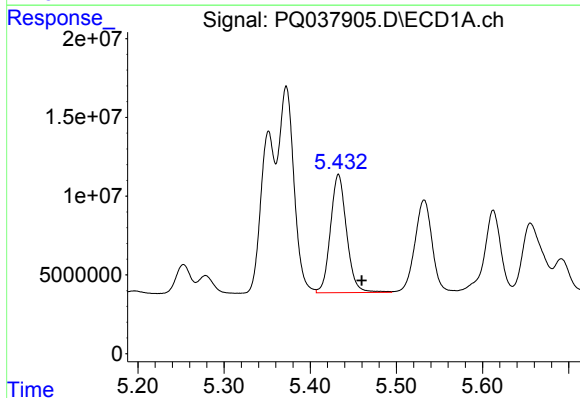
R.T.: 5.372 min
Delta R.T.: -0.028 min
Response: 163422377
Conc: 648.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660375



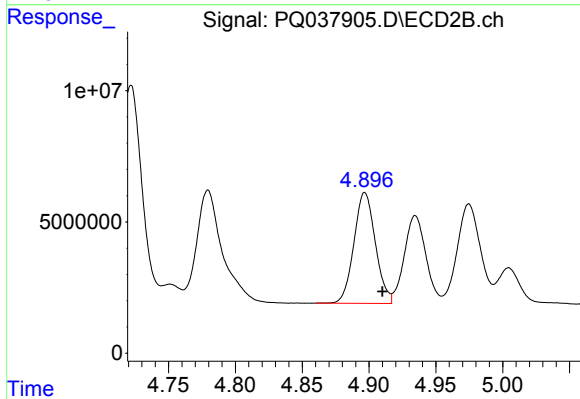
#17 AR-1242-2

R.T.: 4.722 min
Delta R.T.: -0.014 min
Response: 94104503
Conc: 690.10 ng/ml



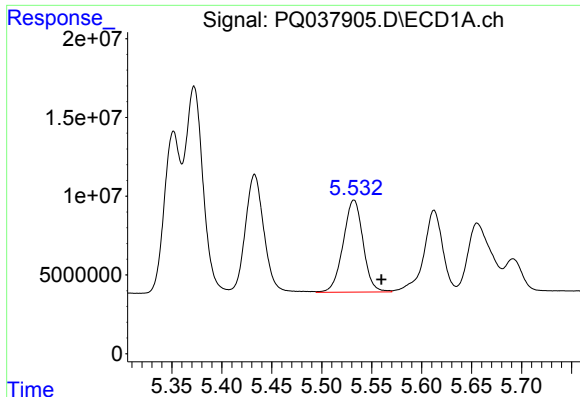
#18 AR-1242-3

R.T.: 5.433 min
Delta R.T.: -0.027 min
Response: 97740954
Conc: 646.17 ng/ml



#18 AR-1242-3

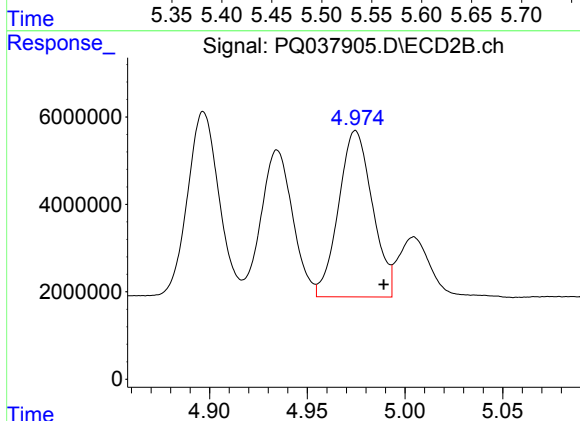
R.T.: 4.897 min
Delta R.T.: -0.013 min
Response: 47258359
Conc: 670.03 ng/ml



#19 AR-1242-4

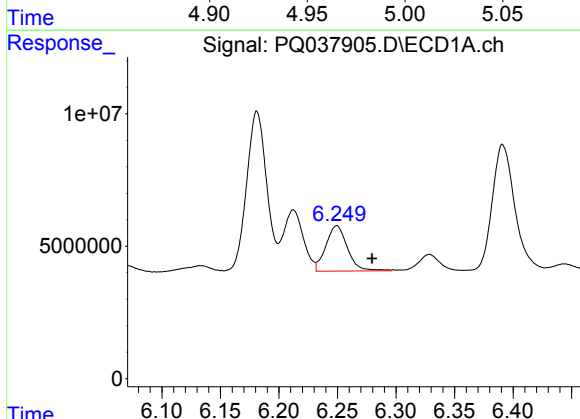
R.T.: 5.532 min
Delta R.T.: -0.028 min
Response: 81188074
Conc: 644.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660375



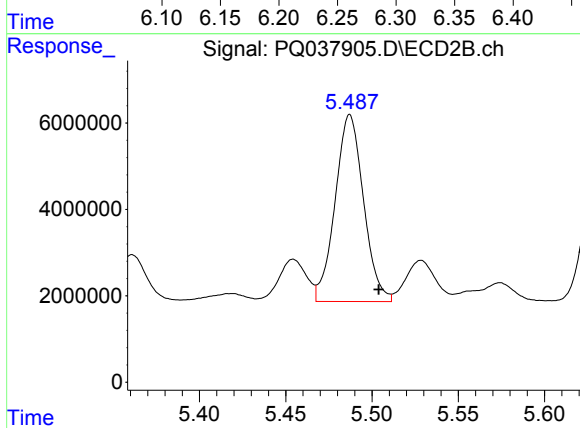
#19 AR-1242-4

R.T.: 4.975 min
Delta R.T.: -0.014 min
Response: 45941654
Conc: 669.56 ng/ml



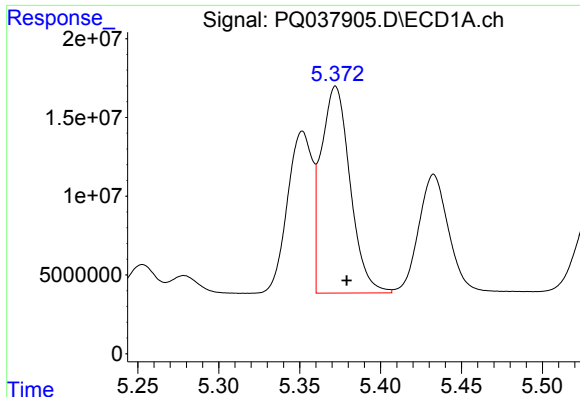
#20 AR-1242-5

R.T.: 6.249 min
Delta R.T.: -0.030 min
Response: 22044778
Conc: 158.85 ng/ml



#20 AR-1242-5

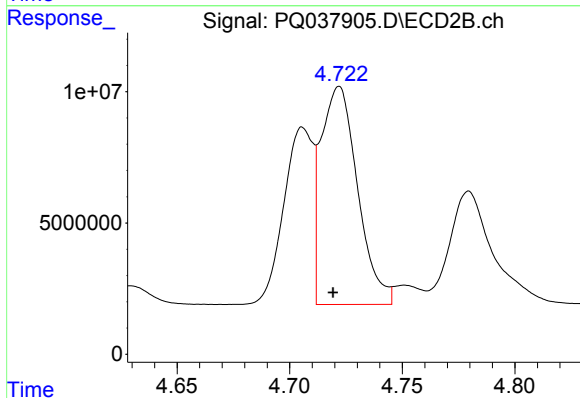
R.T.: 5.487 min
Delta R.T.: -0.017 min
Response: 49651133
Conc: 567.90 ng/ml



#21 AR-1248-1

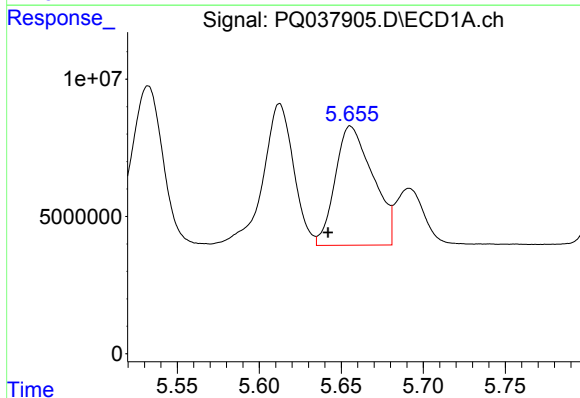
R.T.: 5.372 min
Delta R.T.: -0.007 min
Response: 163422377
Conc: 1388.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660375



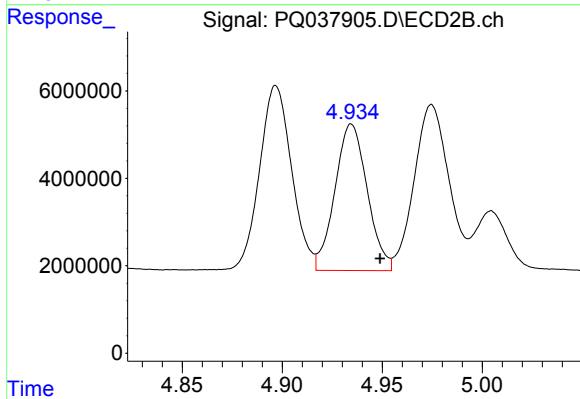
#21 AR-1248-1

R.T.: 4.722 min
Delta R.T.: 0.003 min
Response: 94104503
Conc: 1410.69 ng/ml



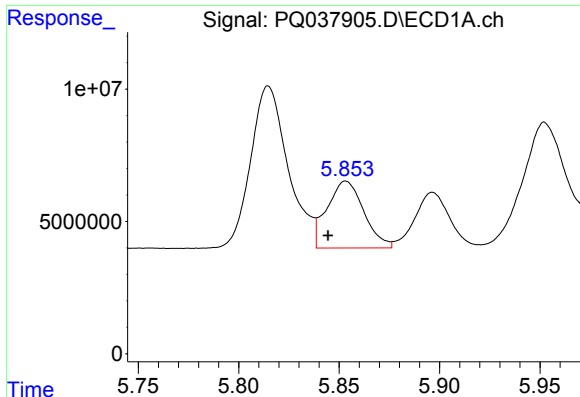
#22 AR-1248-2

R.T.: 5.656 min
Delta R.T.: 0.014 min
Response: 69290772
Conc: 403.89 ng/ml



#22 AR-1248-2

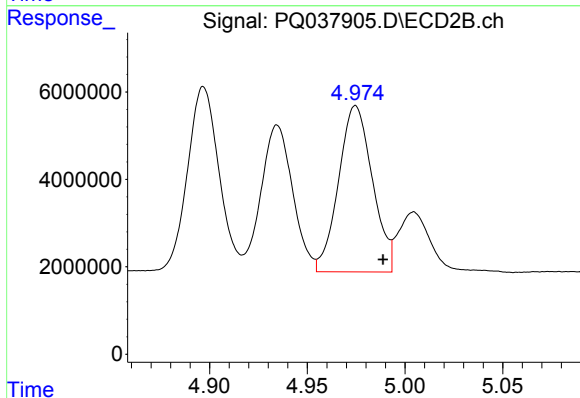
R.T.: 4.935 min
Delta R.T.: -0.014 min
Response: 37751838
Conc: 417.60 ng/ml



#23 AR-1248-3

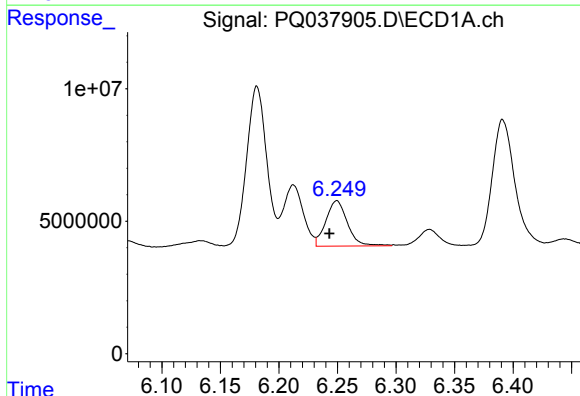
R.T.: 5.853 min
Delta R.T.: 0.009 min
Response: 32363660
Conc: 166.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660375



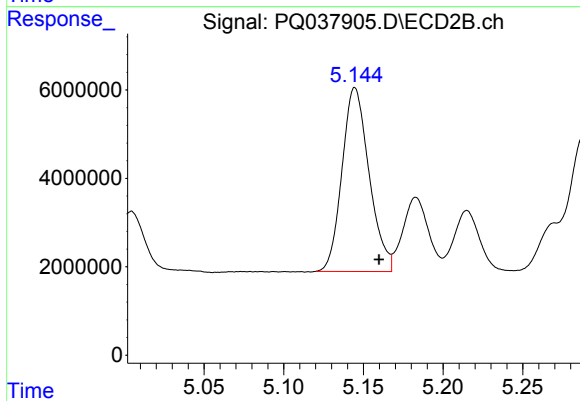
#23 AR-1248-3

R.T.: 4.975 min
Delta R.T.: -0.014 min
Response: 45941654
Conc: 497.78 ng/ml



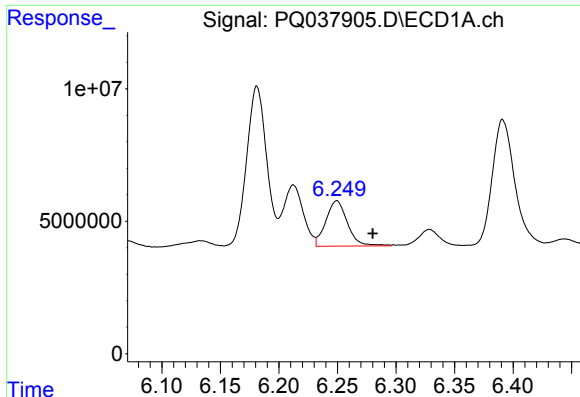
#24 AR-1248-4

R.T.: 6.249 min
Delta R.T.: 0.006 min
Response: 22044778
Conc: 96.96 ng/ml



#24 AR-1248-4

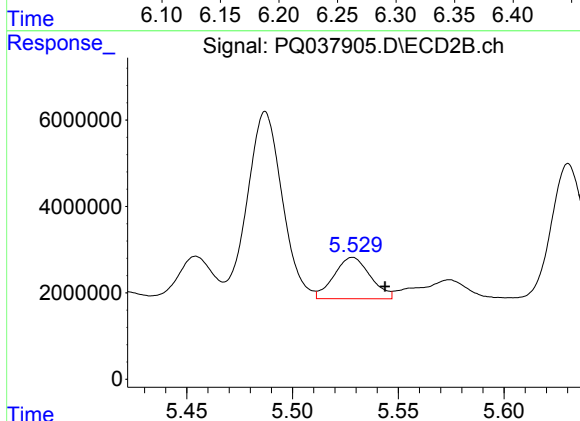
R.T.: 5.145 min
Delta R.T.: -0.015 min
Response: 49175618
Conc: 433.34 ng/ml



#25 AR-1248-5

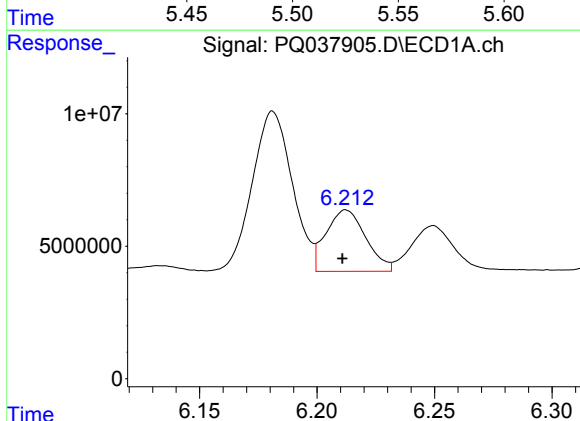
R.T.: 6.249 min
Delta R.T.: -0.030 min
Response: 22044778
Conc: 102.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660375



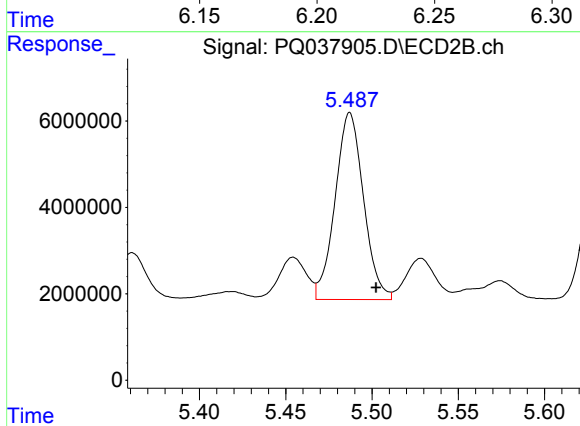
#25 AR-1248-5

R.T.: 5.528 min
Delta R.T.: -0.015 min
Response: 11501805
Conc: 104.76 ng/ml



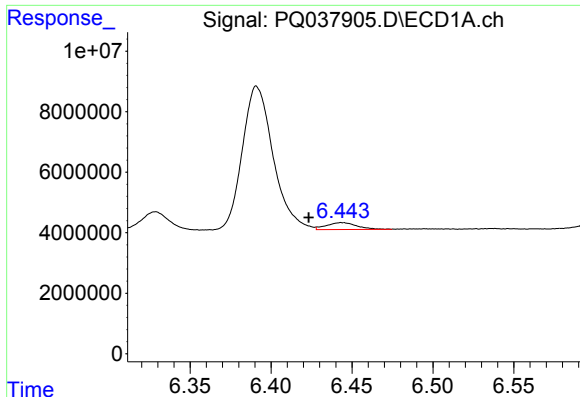
#26 AR-1254-1

R.T.: 6.212 min
Delta R.T.: 0.002 min
Response: 27321542
Conc: 129.00 ng/ml



#26 AR-1254-1

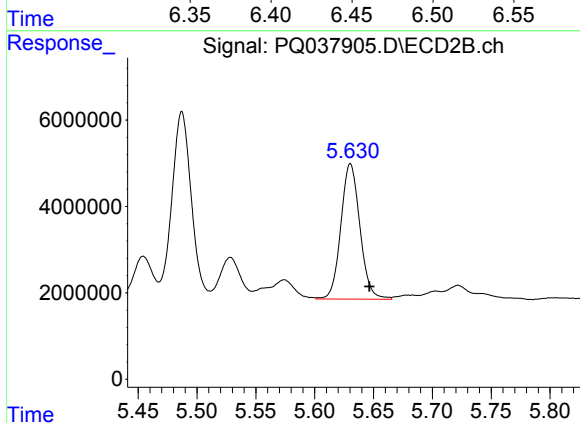
R.T.: 5.487 min
Delta R.T.: -0.015 min
Response: 49651133
Conc: 299.44 ng/ml



#27 AR-1254-2

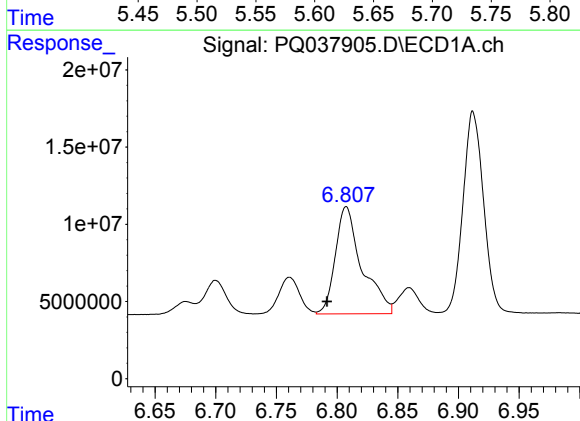
R.T.: 6.444 min
Delta R.T.: 0.021 min
Response: 2945349
Conc: 8.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660375



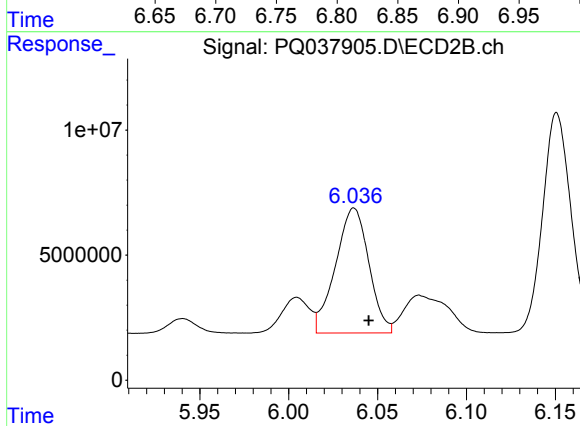
#27 AR-1254-2

R.T.: 5.630 min
Delta R.T.: -0.016 min
Response: 35411374
Conc: 248.65 ng/ml



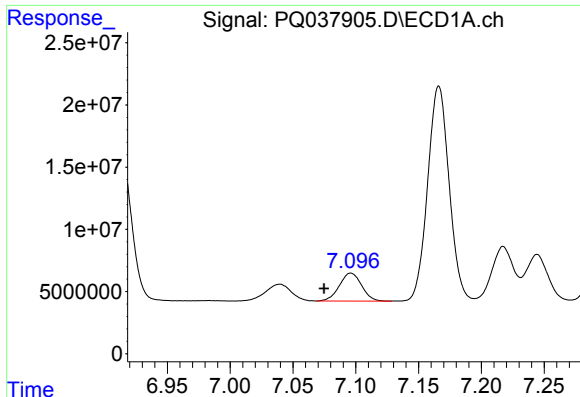
#28 AR-1254-3

R.T.: 6.808 min
Delta R.T.: 0.016 min
Response: 105647721
Conc: 304.41 ng/ml



#28 AR-1254-3

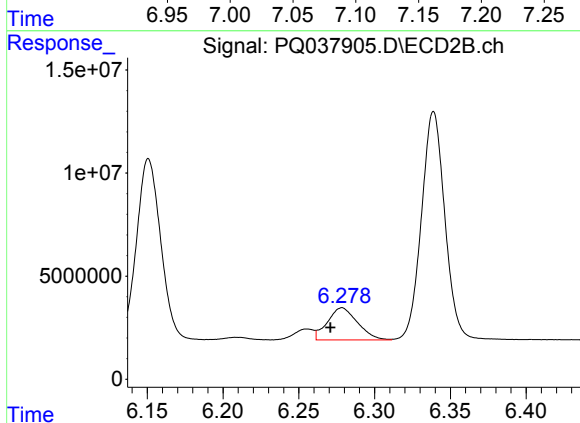
R.T.: 6.037 min
Delta R.T.: -0.008 min
Response: 65300224
Conc: 286.20 ng/ml



#29 AR-1254-4

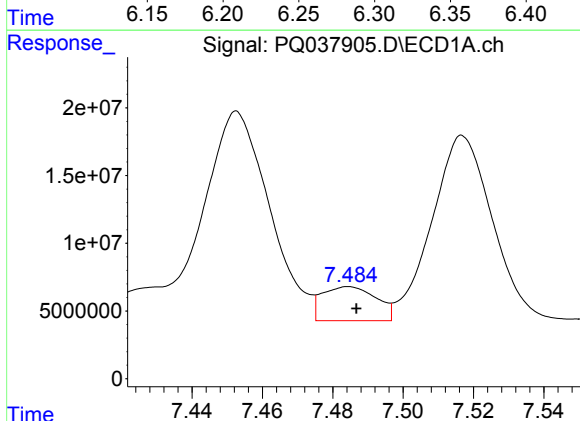
R.T.: 7.096 min
Delta R.T.: 0.021 min
Response: 27716002
Conc: 100.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660375



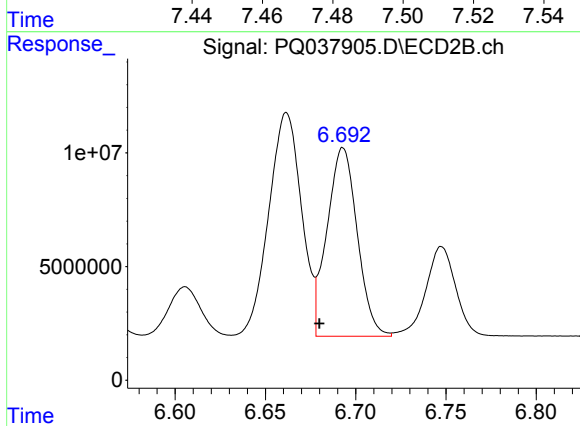
#29 AR-1254-4

R.T.: 6.279 min
Delta R.T.: 0.008 min
Response: 21530897
Conc: 125.37 ng/ml



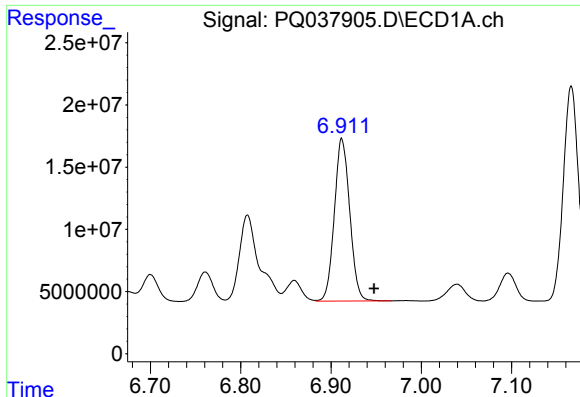
#30 AR-1254-5

R.T.: 7.485 min
Delta R.T.: -0.002 min
Response: 26795468
Conc: 96.95 ng/ml



#30 AR-1254-5

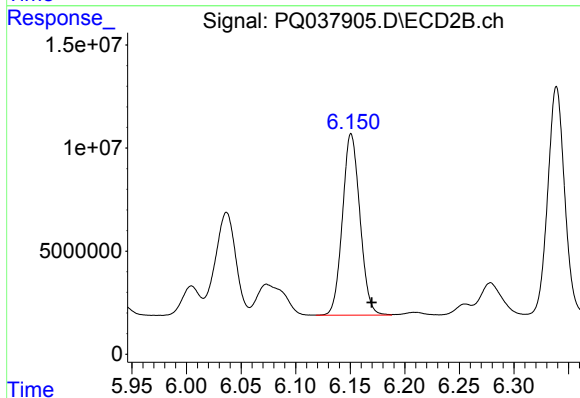
R.T.: 6.693 min
Delta R.T.: 0.013 min
Response: 96673076
Conc: 499.27 ng/ml



#31 AR-1260-1

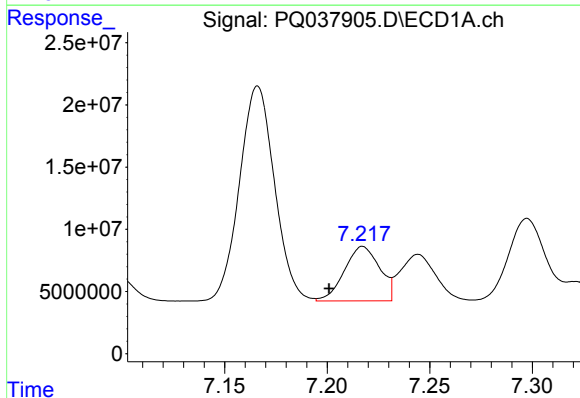
R.T.: 6.912 min
Delta R.T.: -0.036 min
Response: 154781317
Conc: 348.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660375



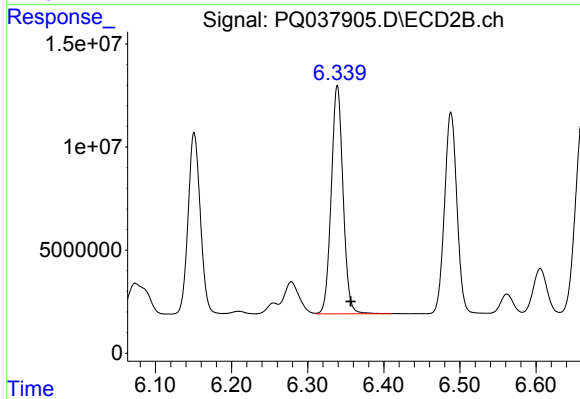
#31 AR-1260-1

R.T.: 6.151 min
Delta R.T.: -0.019 min
Response: 98155820
Conc: 387.15 ng/ml



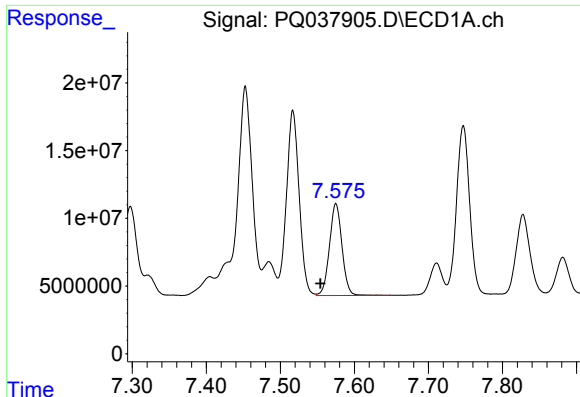
#32 AR-1260-2

R.T.: 7.217 min
Delta R.T.: 0.016 min
Response: 52278366
Conc: 90.42 ng/ml



#32 AR-1260-2

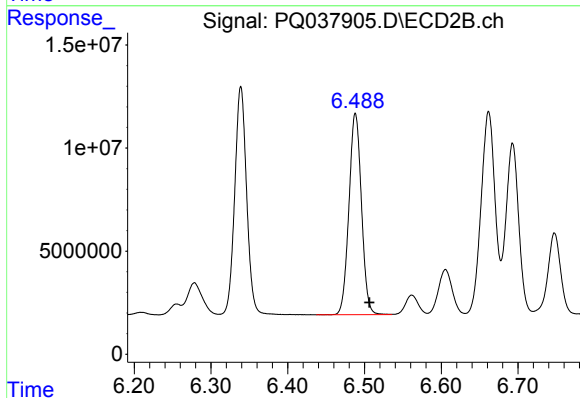
R.T.: 6.339 min
Delta R.T.: -0.018 min
Response: 119334215
Conc: 388.24 ng/ml



#33 AR-1260-3

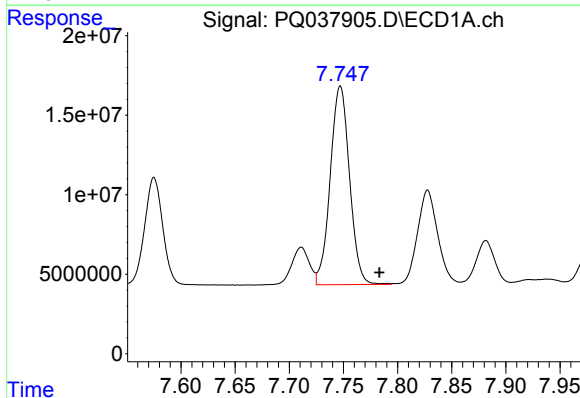
R.T.: 7.575 min
Delta R.T.: 0.021 min
Response: 80119807
Conc: 179.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660375



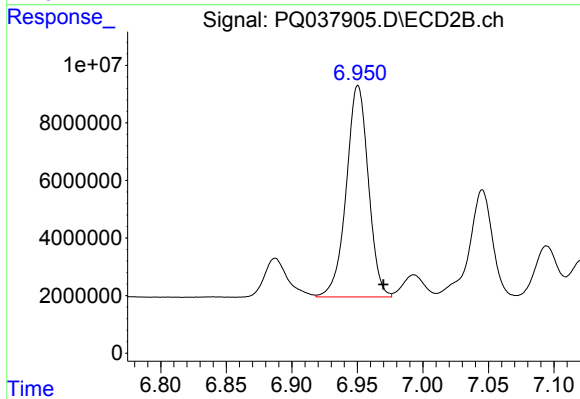
#33 AR-1260-3

R.T.: 6.488 min
Delta R.T.: -0.018 min
Response: 110523656
Conc: 389.20 ng/ml



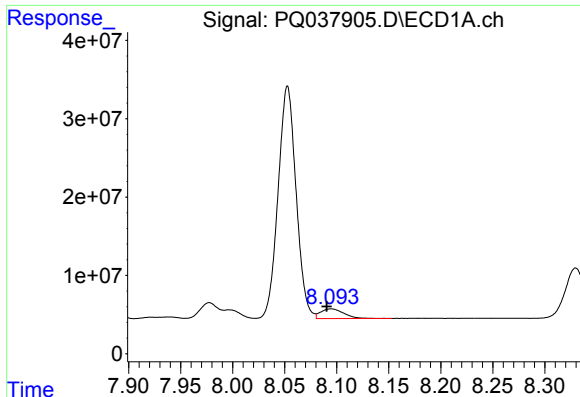
#34 AR-1260-4

R.T.: 7.747 min
Delta R.T.: -0.036 min
Response: 154808650
Conc: 353.45 ng/ml



#34 AR-1260-4

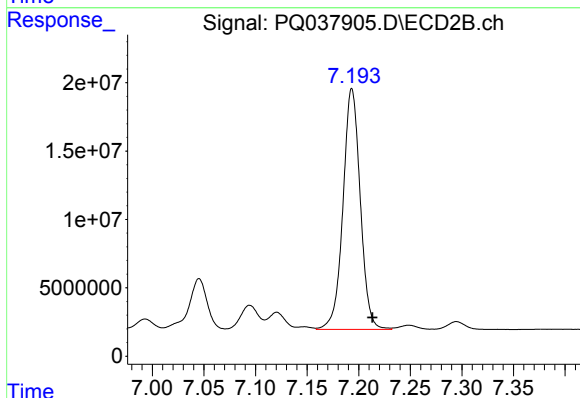
R.T.: 6.950 min
Delta R.T.: -0.019 min
Response: 86310548
Conc: 392.16 ng/ml



#35 AR-1260-5

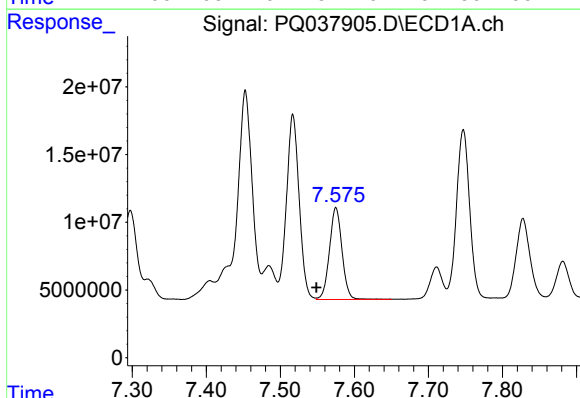
R.T.: 8.095 min
Delta R.T.: 0.004 min
Response: 19417446
Conc: 19.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660375



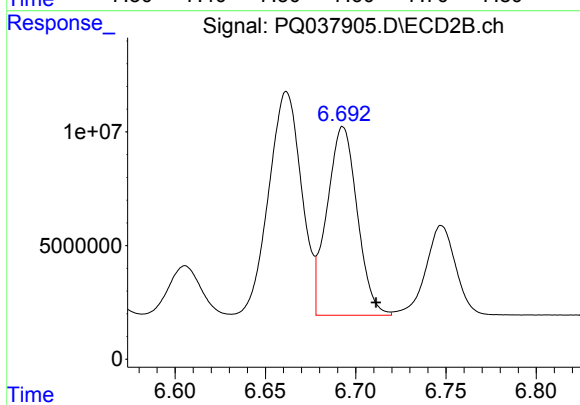
#35 AR-1260-5

R.T.: 7.193 min
Delta R.T.: -0.020 min
Response: 205537747
Conc: 389.29 ng/ml



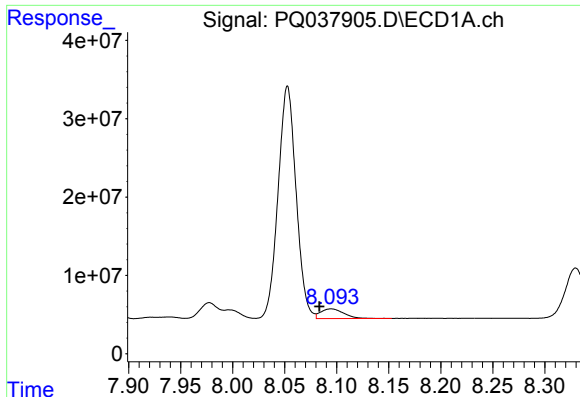
#36 AR-1262-1

R.T.: 7.575 min
Delta R.T.: 0.026 min
Response: 80119807
Conc: 200.59 ng/ml



#36 AR-1262-1

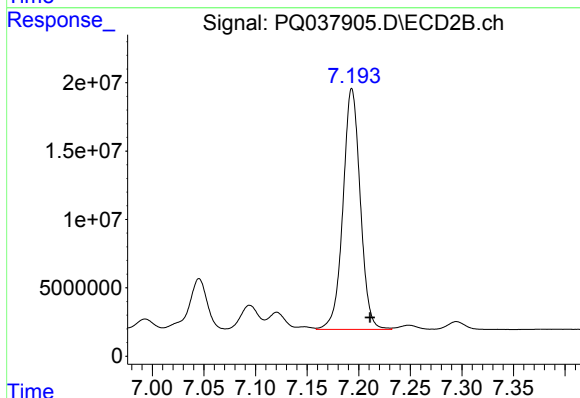
R.T.: 6.693 min
Delta R.T.: -0.018 min
Response: 96673076
Conc: 461.93 ng/ml



#37 AR-1262-2

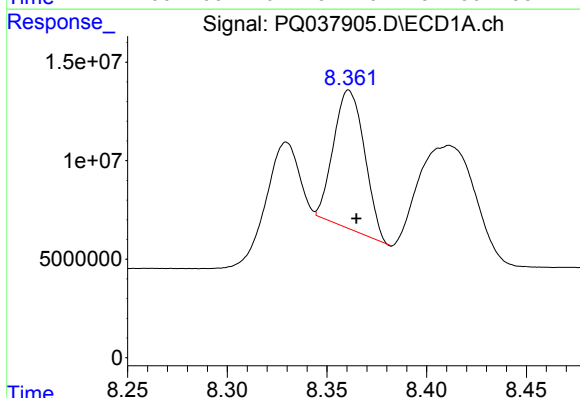
R.T.: 8.095 min
Delta R.T.: 0.011 min
Response: 19417446
Conc: 28.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660375



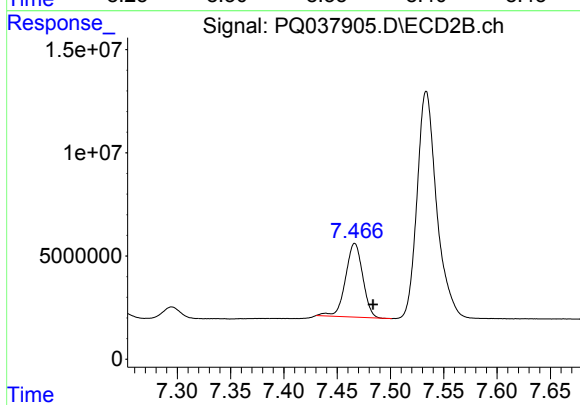
#37 AR-1262-2

R.T.: 7.193 min
Delta R.T.: -0.018 min
Response: 205537747
Conc: 554.82 ng/ml



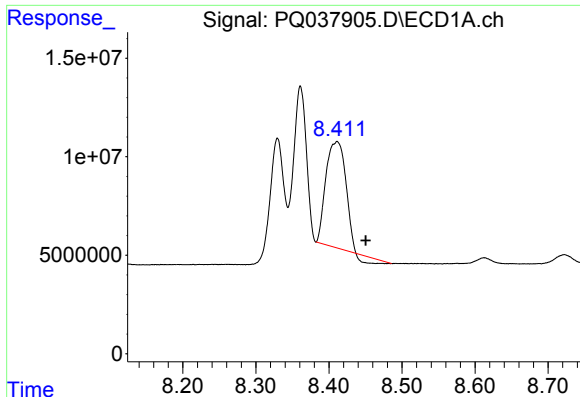
#38 AR-1262-3

R.T.: 8.361 min
Delta R.T.: -0.004 min
Response: 76239428
Conc: 254.62 ng/ml



#38 AR-1262-3

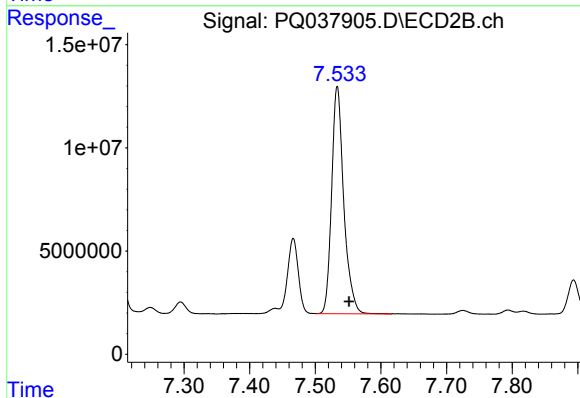
R.T.: 7.466 min
Delta R.T.: -0.017 min
Response: 40192038
Conc: 274.99 ng/ml



#39 AR-1262-4

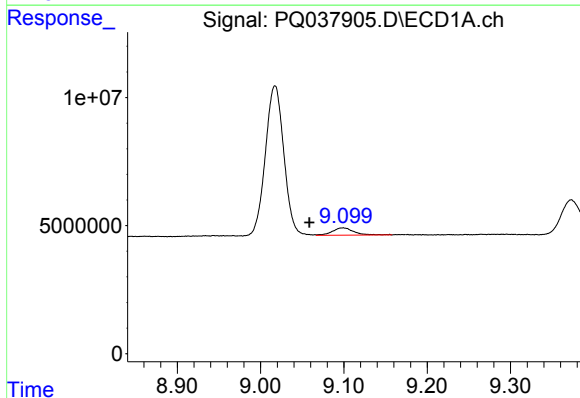
R.T.: 8.411 min
Delta R.T.: -0.039 min
Response: 96710656
Conc: 275.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660375



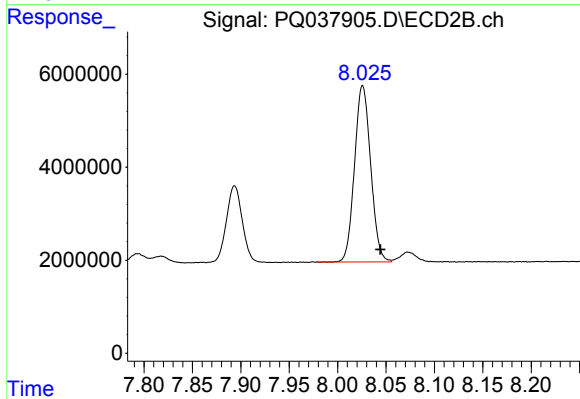
#39 AR-1262-4

R.T.: 7.534 min
Delta R.T.: -0.018 min
Response: 141288565
Conc: 529.80 ng/ml



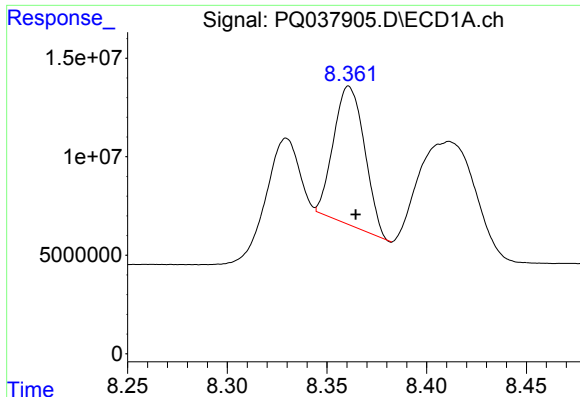
#40 AR-1262-5

R.T.: 9.099 min
Delta R.T.: 0.040 min
Response: 5145420
Conc: 21.58 ng/ml



#40 AR-1262-5

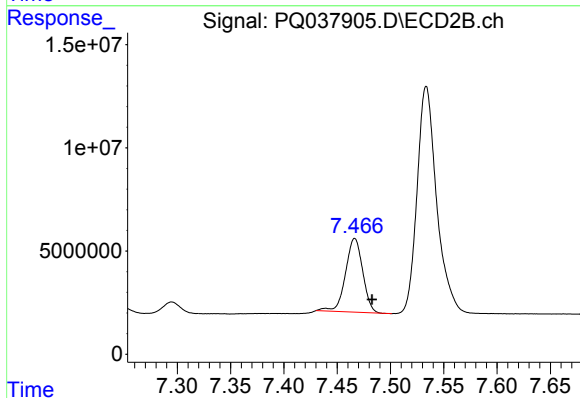
R.T.: 8.026 min
Delta R.T.: -0.018 min
Response: 44092237
Conc: 377.41 ng/ml



#41 AR-1268-1

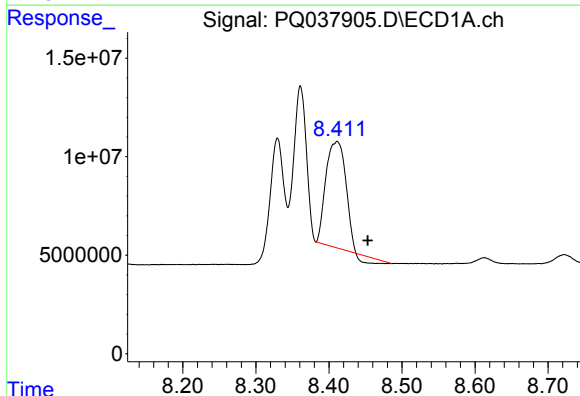
R.T.: 8.361 min
Delta R.T.: -0.003 min
Response: 76239428
Conc: 56.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660375



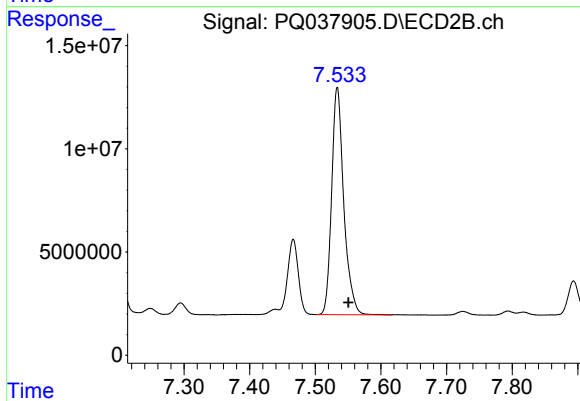
#41 AR-1268-1

R.T.: 7.466 min
Delta R.T.: -0.016 min
Response: 40192038
Conc: 61.36 ng/ml



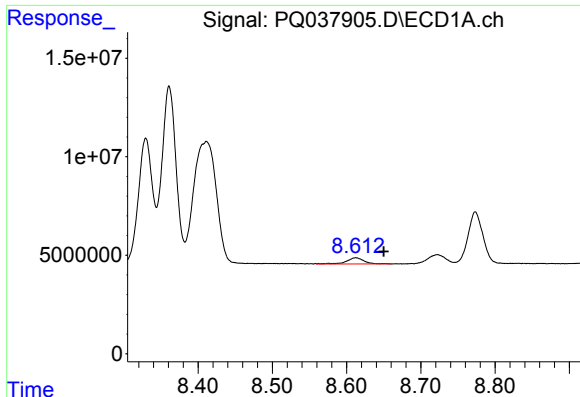
#42 AR-1268-2

R.T.: 8.411 min
Delta R.T.: -0.042 min
Response: 96710656
Conc: 78.51 ng/ml



#42 AR-1268-2

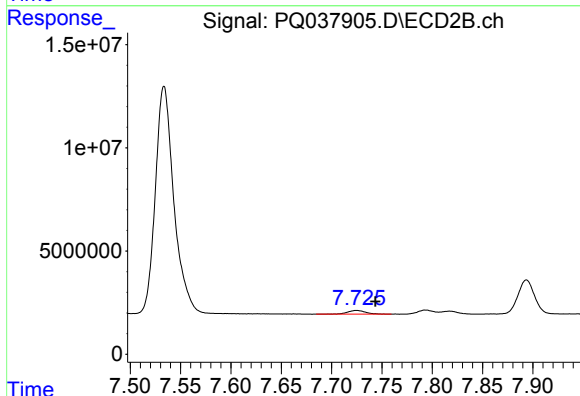
R.T.: 7.534 min
Delta R.T.: -0.017 min
Response: 141288565
Conc: 236.25 ng/ml



#43 AR-1268-3

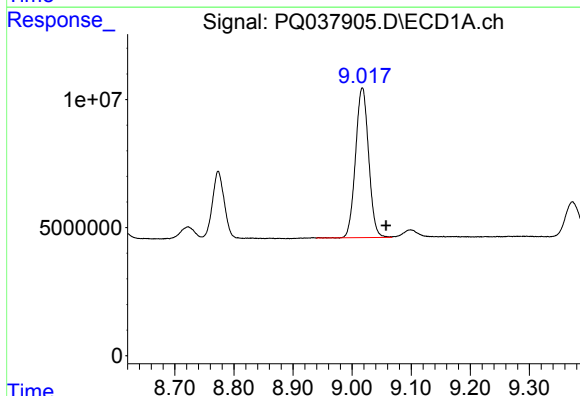
R.T.: 8.613 min
Delta R.T.: -0.038 min
Response: 5045972
Conc: 4.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660375



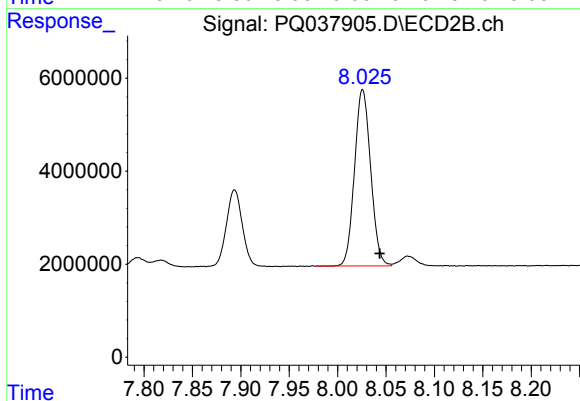
#43 AR-1268-3

R.T.: 7.725 min
Delta R.T.: -0.019 min
Response: 2189978
Conc: 4.40 ng/ml



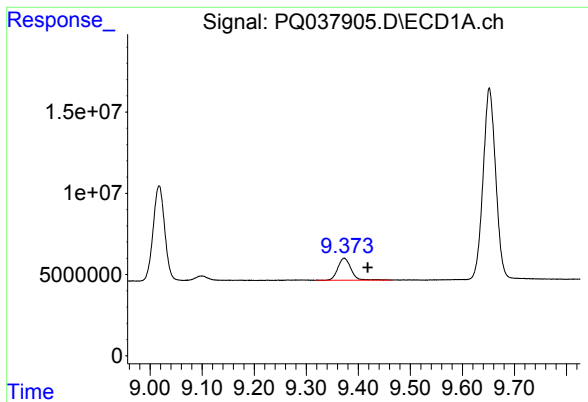
#44 AR-1268-4

R.T.: 9.017 min
Delta R.T.: -0.040 min
Response: 90011545
Conc: 225.67 ng/ml



#44 AR-1268-4

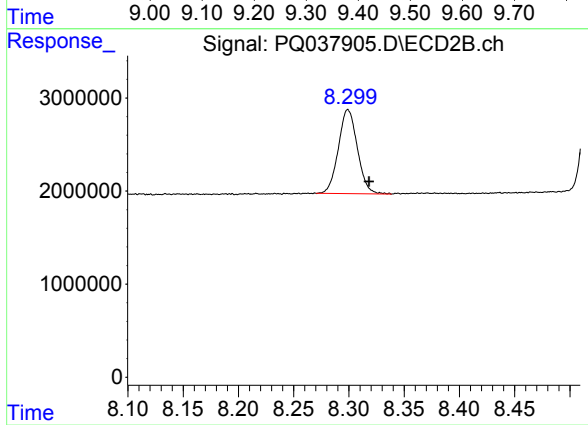
R.T.: 8.026 min
Delta R.T.: -0.018 min
Response: 44092237
Conc: 224.96 ng/ml



#45 AR-1268-5

R.T.: 9.373 min
Delta R.T.: -0.045 min
Response: 23696533
Conc: 7.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660375



#45 AR-1268-5

R.T.: 8.299 min
Delta R.T.: -0.019 min
Response: 10806904
Conc: 7.02 ng/ml