

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122818\
 Data File : PQ036141.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Dec 2018 01:34
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 29 02:46:00 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ121318.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Dec 24 12:28:48 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.404	3.730	186.2E6	111.7E6	47.590	50.007
2)	SA Decachlor...	10.067	8.691	144.4E6	85293134	48.979	48.257
Target Compounds							
3)	L1 AR-1016-1	5.565	4.804	51482516	32240450	402.372	418.141
4)	L1 AR-1016-2	5.587	4.822	76846436	47017004	400.680	415.495
5)	L1 AR-1016-3	5.648	4.998	45629177	24076124	398.684	412.267
6)	L1 AR-1016-4	5.748	5.037	37471876	19182907	393.497	407.967
7)	L1 AR-1016-5	6.038	5.251	35309671	23648282	387.867	385.227
8)	L2 AR-1221-1	4.608	3.938	4808324	2840090	140.750	139.199
9)	L2 AR-1221-2	4.700	4.027	7284712	4599916	285.934	311.210
10)	L2 AR-1221-3	4.776	4.101	27524516	16601200	330.742	341.725
11)	L3 AR-1232-1	4.776	4.101	27524516	16601200	378.510	377.031
12)	L3 AR-1232-2	5.299	4.854	37387760	2742619	970.150	55.901 #
13)	L3 AR-1232-3	5.648	5.037	45629177	19182907	558.022	750.755 #
14)	L3 AR-1232-4	5.748	5.109	37471876	8026181	935.804	351.773 #
15)	L3 AR-1232-5	5.879	5.290	33515590	9040725	1058.324	361.957 #
16)	L4 AR-1242-1	5.587	4.822	76846436	47017004	796.507	794.569
17)	L4 AR-1242-2	5.648	4.854	45629177	2742619	314.497	31.850 #
18)	L4 AR-1242-3	5.648	5.037	45629177	19182907	527.407	425.952
19)	L4 AR-1242-4	5.748	5.109	37471876	8026181	541.657	181.253 #
20)	L4 AR-1242-5	6.564	5.638	4034574	5519751	51.427	100.015 #
21)	L5 AR-1248-1	5.587	4.822	76846436	47017004	1164.236	1191.667
22)	L5 AR-1248-2	5.879	5.079	33515590	22822789	353.596	420.511
23)	L5 AR-1248-3	6.079	5.109	14873106	8026181	142.340	143.832
24)	L5 AR-1248-4	6.479	5.290	9704367	9040725	78.802	130.599 #
25)	L5 AR-1248-5	6.564	5.686	4034574	3973290	34.486	56.373 #
26)	L6 AR-1254-1	6.440	5.638	11318156	5519751	74.348	41.381 #
27)	L6 AR-1254-2	6.676	5.743	1735295	20164456	7.334	174.510 #
28)	L6 AR-1254-3	7.050	6.155	40520141	33979924	157.816	176.009
29)	L6 AR-1254-4	7.342	6.398	11978031	11279557	66.062	93.728 #
30)	L6 AR-1254-5	7.729	6.818	11963293	40234172	60.990	247.044 #
31)	L7 AR-1260-1	7.156	6.271	66491778	47351581	360.581	376.442
32)	L7 AR-1260-2	7.411	6.458	80421428	57642180	370.121	381.703
33)	L7 AR-1260-3	7.769	6.611	49626505	53278813	370.452	381.286
34)	L7 AR-1260-4	7.997	7.077	62040431	36863919	376.435	397.002
35)	L7 AR-1260-5	8.314	7.320	122.3E6	94558000	410.062	421.386
36)	L8 AR-1262-1	7.827	6.873	27054771	21245091	123.495	138.433
37)	L8 AR-1262-2	8.364	7.374	5721480	2116785	15.188	7.932 #
38)	L8 AR-1262-3	8.690	7.597	44264918	18407698	184.138	177.368
39)	L8 AR-1262-4	0.000	7.664	0	67724896	N.D.	365.598 #
40)	L8 AR-1262-5	9.350	8.159	29128621	19522203	255.777	263.006
41)	L9 AR-1268-1	8.690	7.597	44264918	18407698	91.743	55.202 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122818\
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 Acq On : 29 Dec 2018 01:34
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

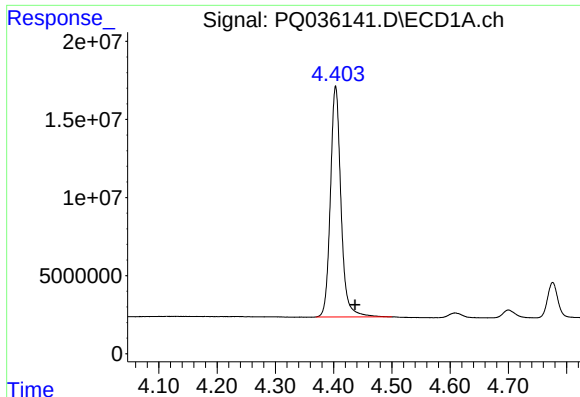
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 29 02:46:00 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ121318.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.664	0	67724896	N.D.	228.525 #
43) L9	AR-1268-3	9.031	7.921	3968636	1339068	10.501	5.478 #
44) L9	AR-1268-4	0.000	8.159	0	19522203	N.D.	209.268 #

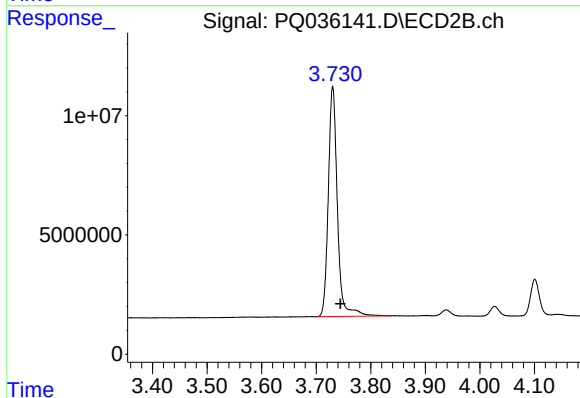
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

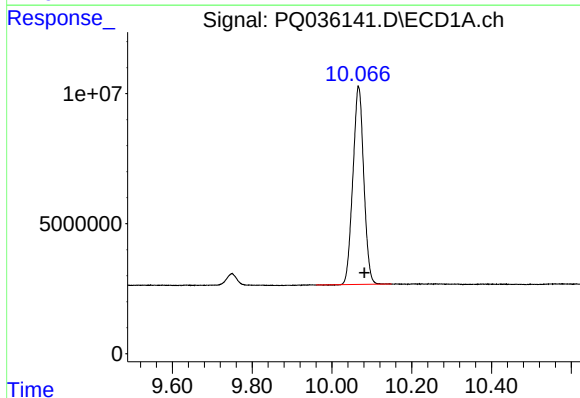
R.T.: 4.404 min
Delta R.T.: -0.033 min
Response: 186202462
Conc: 47.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



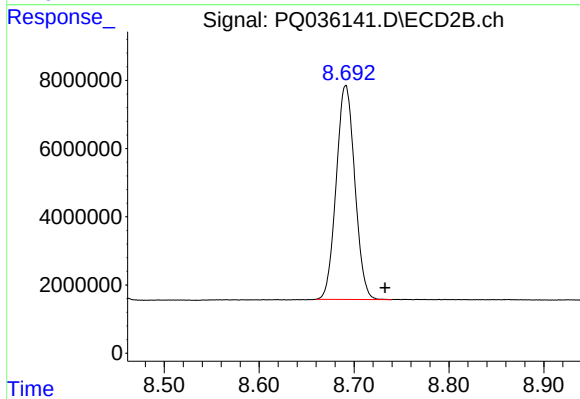
#1 Tetrachloro-m-xylene

R.T.: 3.730 min
Delta R.T.: -0.014 min
Response: 111734884
Conc: 50.01 ng/ml



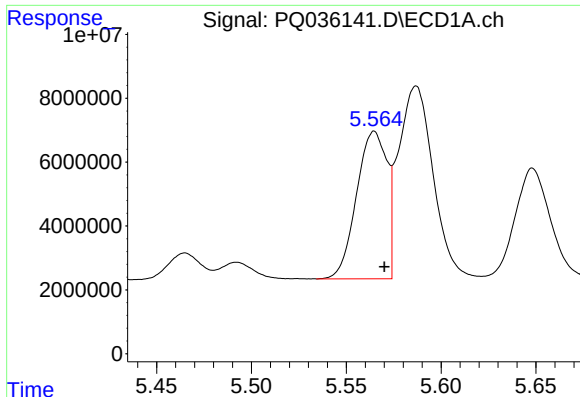
#2 Decachlorobiphenyl

R.T.: 10.067 min
Delta R.T.: -0.014 min
Response: 144369366
Conc: 48.98 ng/ml



#2 Decachlorobiphenyl

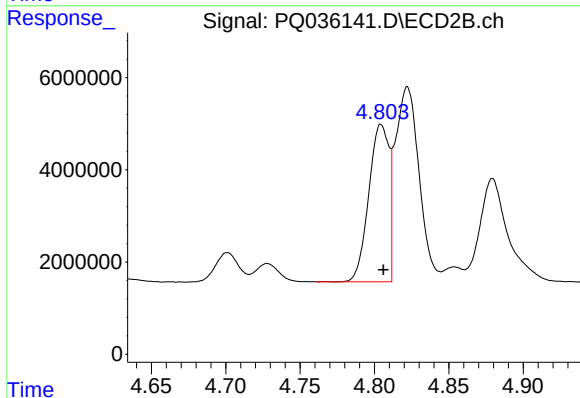
R.T.: 8.691 min
Delta R.T.: -0.041 min
Response: 85293134
Conc: 48.26 ng/ml



#3 AR-1016-1

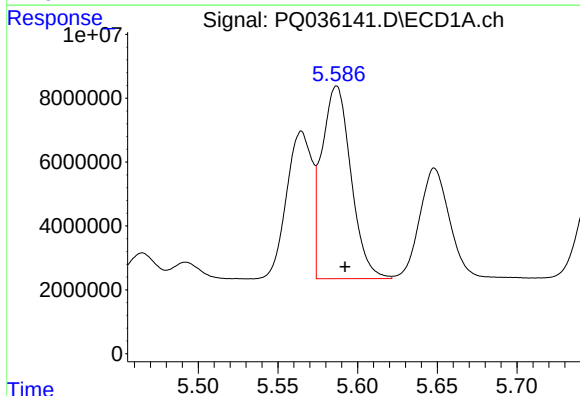
R.T.: 5.565 min
Delta R.T.: -0.005 min
Response: 51482516
Conc: 402.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



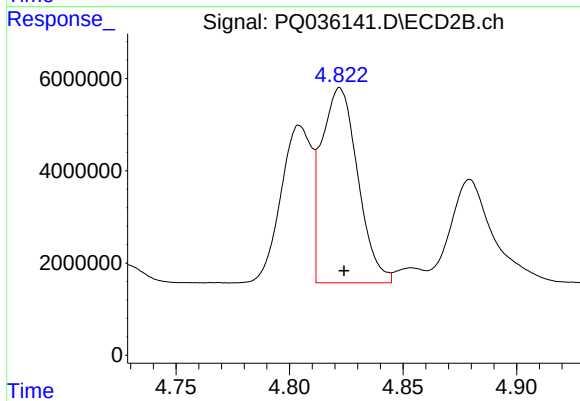
#3 AR-1016-1

R.T.: 4.804 min
Delta R.T.: -0.002 min
Response: 32240450
Conc: 418.14 ng/ml



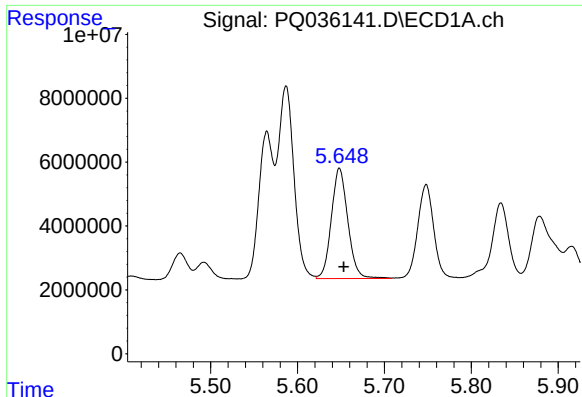
#4 AR-1016-2

R.T.: 5.587 min
Delta R.T.: -0.005 min
Response: 76846436
Conc: 400.68 ng/ml



#4 AR-1016-2

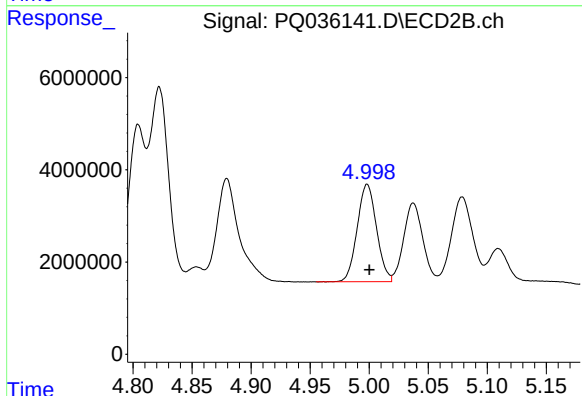
R.T.: 4.822 min
Delta R.T.: -0.002 min
Response: 47017004
Conc: 415.50 ng/ml



#5 AR-1016-3

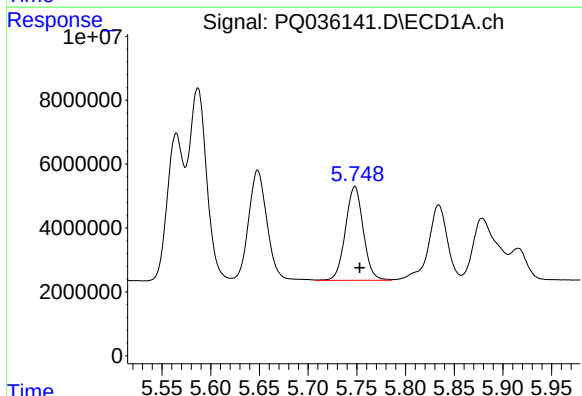
R.T.: 5.648 min
Delta R.T.: -0.005 min
Response: 45629177
Conc: 398.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



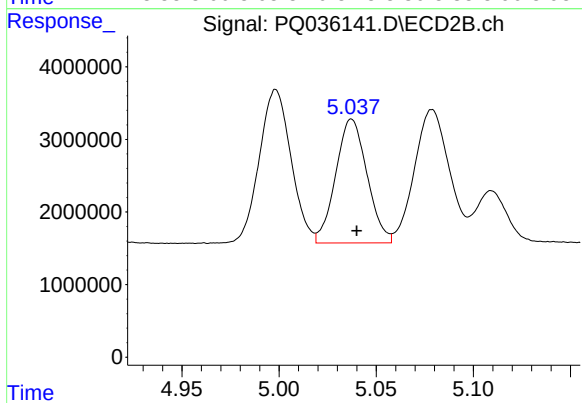
#5 AR-1016-3

R.T.: 4.998 min
Delta R.T.: -0.002 min
Response: 24076124
Conc: 412.27 ng/ml



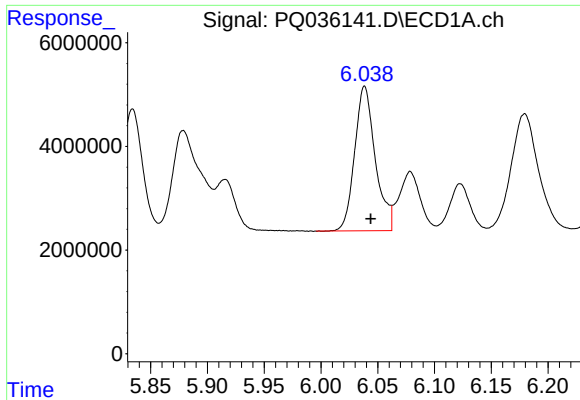
#6 AR-1016-4

R.T.: 5.748 min
Delta R.T.: -0.005 min
Response: 37471876
Conc: 393.50 ng/ml



#6 AR-1016-4

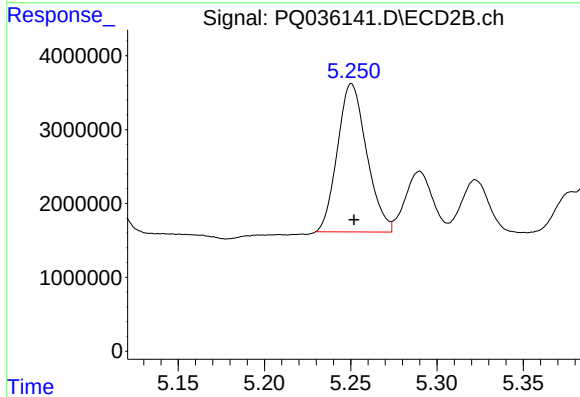
R.T.: 5.037 min
Delta R.T.: -0.003 min
Response: 19182907
Conc: 407.97 ng/ml



#7 AR-1016-5

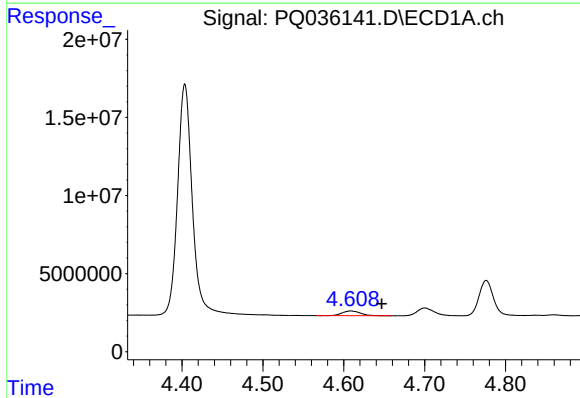
R.T.: 6.038 min
Delta R.T.: -0.006 min
Response: 35309671
Conc: 387.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



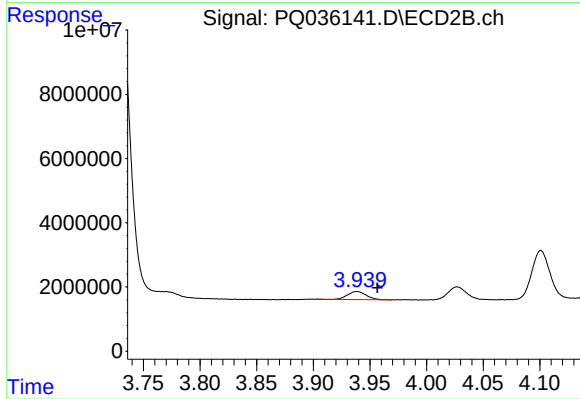
#7 AR-1016-5

R.T.: 5.251 min
Delta R.T.: -0.001 min
Response: 23648282
Conc: 385.23 ng/ml



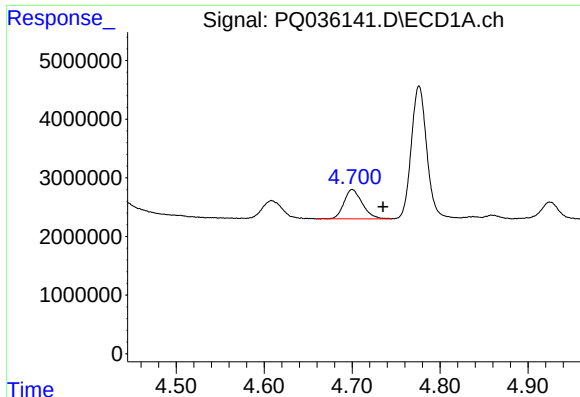
#8 AR-1221-1

R.T.: 4.608 min
Delta R.T.: -0.039 min
Response: 4808324
Conc: 140.75 ng/ml



#8 AR-1221-1

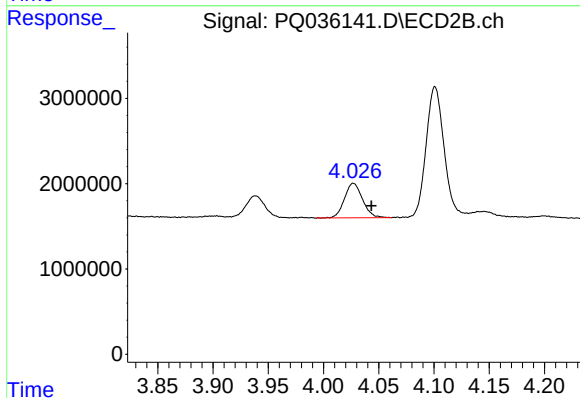
R.T.: 3.938 min
Delta R.T.: -0.018 min
Response: 2840090
Conc: 139.20 ng/ml



#9 AR-1221-2

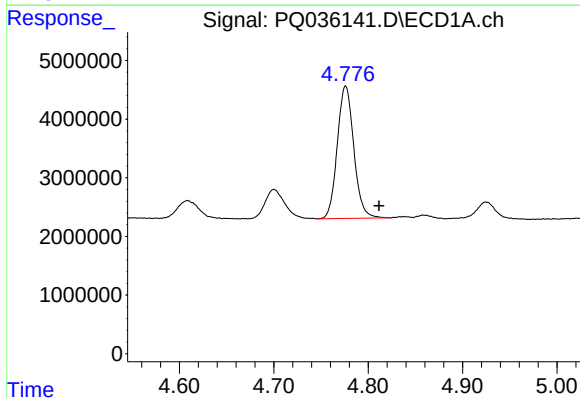
R.T.: 4.700 min
Delta R.T.: -0.035 min
Response: 7284712
Conc: 285.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



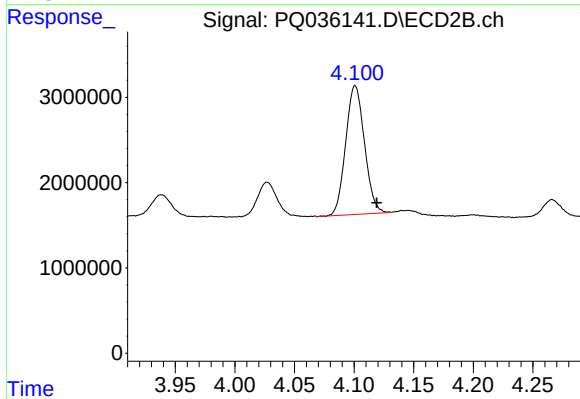
#9 AR-1221-2

R.T.: 4.027 min
Delta R.T.: -0.016 min
Response: 4599916
Conc: 311.21 ng/ml



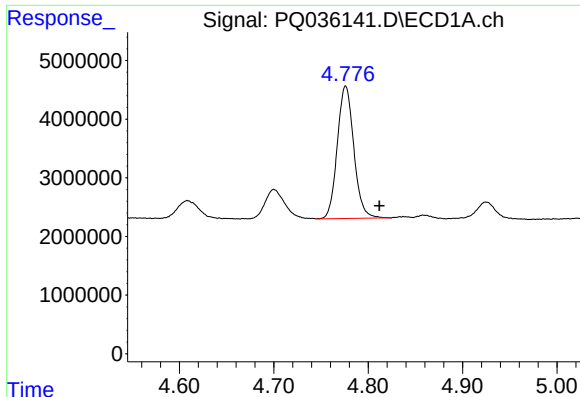
#10 AR-1221-3

R.T.: 4.776 min
Delta R.T.: -0.035 min
Response: 27524516
Conc: 330.74 ng/ml



#10 AR-1221-3

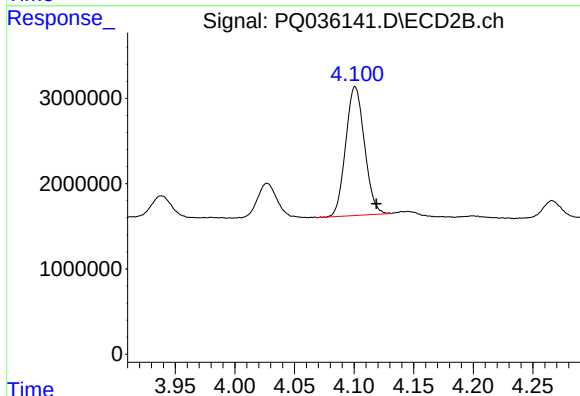
R.T.: 4.101 min
Delta R.T.: -0.018 min
Response: 16601200
Conc: 341.72 ng/ml



#11 AR-1232-1

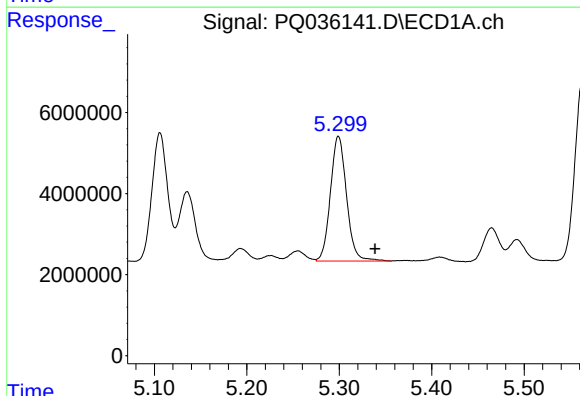
R.T.: 4.776 min
Delta R.T.: -0.036 min
Response: 27524516
Conc: 378.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



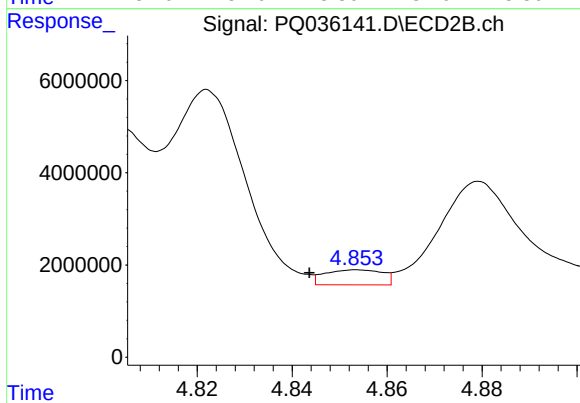
#11 AR-1232-1

R.T.: 4.101 min
Delta R.T.: -0.018 min
Response: 16601200
Conc: 377.03 ng/ml



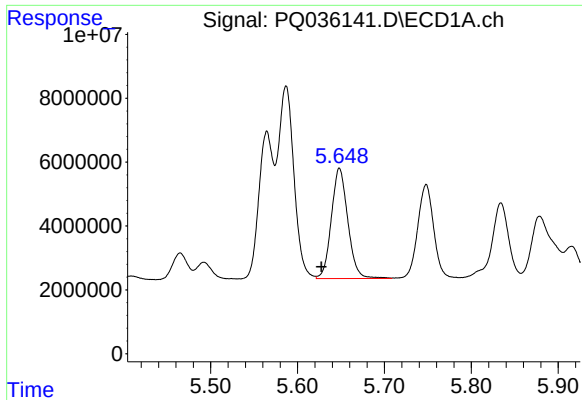
#12 AR-1232-2

R.T.: 5.299 min
Delta R.T.: -0.040 min
Response: 37387760
Conc: 970.15 ng/ml



#12 AR-1232-2

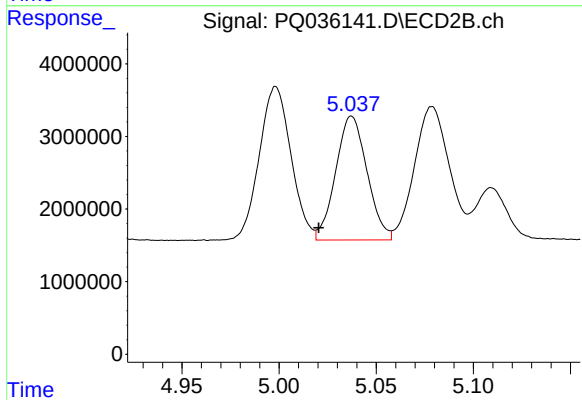
R.T.: 4.854 min
Delta R.T.: 0.010 min
Response: 2742619
Conc: 55.90 ng/ml



#13 AR-1232-3

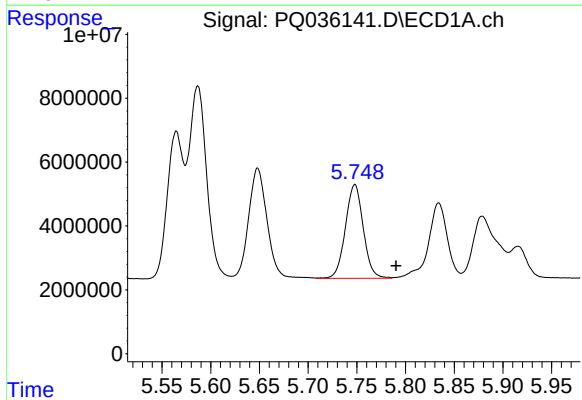
R.T.: 5.648 min
Delta R.T.: 0.021 min
Response: 45629177
Conc: 558.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



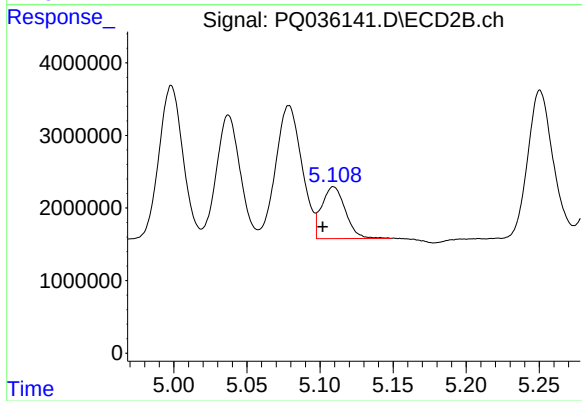
#13 AR-1232-3

R.T.: 5.037 min
Delta R.T.: 0.017 min
Response: 19182907
Conc: 750.75 ng/ml



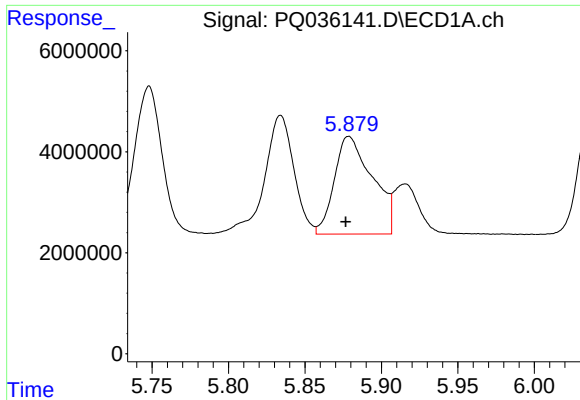
#14 AR-1232-4

R.T.: 5.748 min
Delta R.T.: -0.042 min
Response: 37471876
Conc: 935.80 ng/ml



#14 AR-1232-4

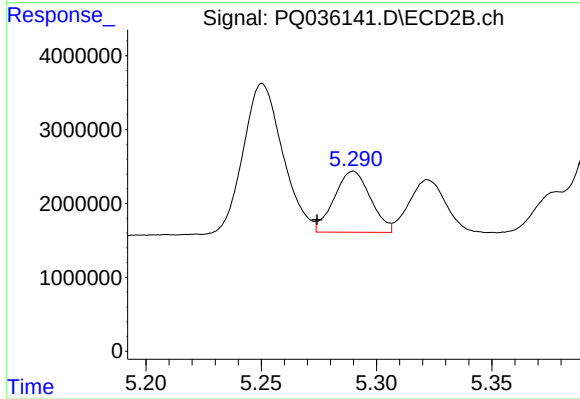
R.T.: 5.109 min
Delta R.T.: 0.007 min
Response: 8026181
Conc: 351.77 ng/ml



#15 AR-1232-5

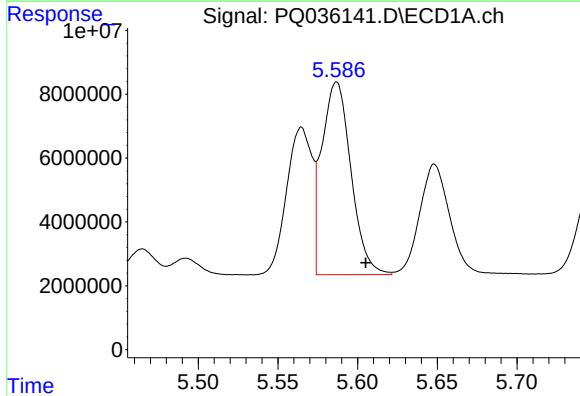
R.T.: 5.879 min
Delta R.T.: 0.002 min
Response: 33515590
Conc: 1058.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



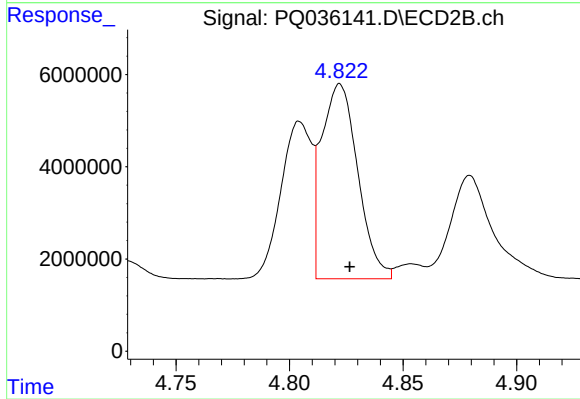
#15 AR-1232-5

R.T.: 5.290 min
Delta R.T.: 0.016 min
Response: 9040725
Conc: 361.96 ng/ml



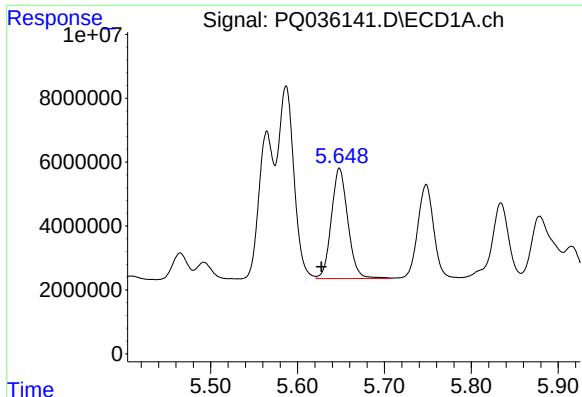
#16 AR-1242-1

R.T.: 5.587 min
Delta R.T.: -0.018 min
Response: 76846436
Conc: 796.51 ng/ml



#16 AR-1242-1

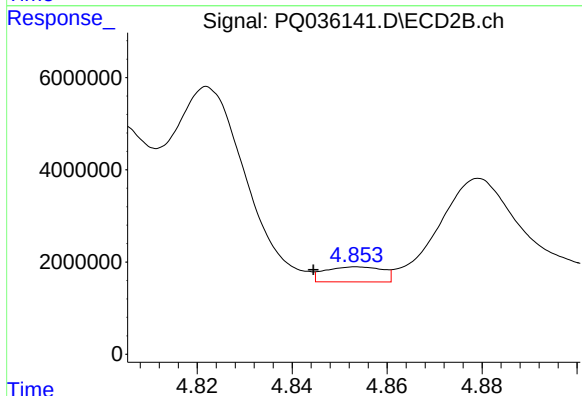
R.T.: 4.822 min
Delta R.T.: -0.004 min
Response: 47017004
Conc: 794.57 ng/ml



#17 AR-1242-2

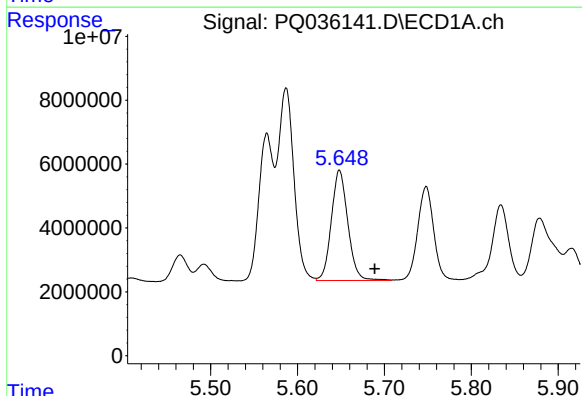
R.T.: 5.648 min
Delta R.T.: 0.021 min
Response: 45629177
Conc: 314.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



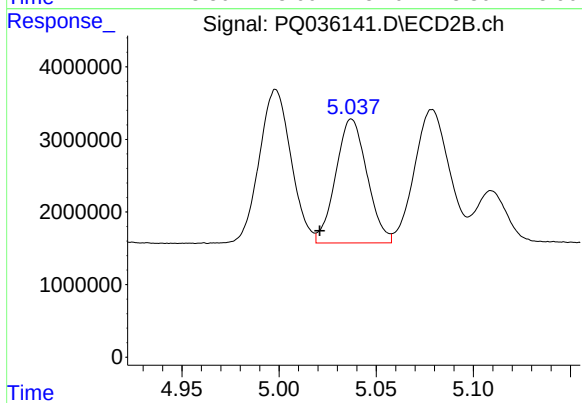
#17 AR-1242-2

R.T.: 4.854 min
Delta R.T.: 0.009 min
Response: 2742619
Conc: 31.85 ng/ml



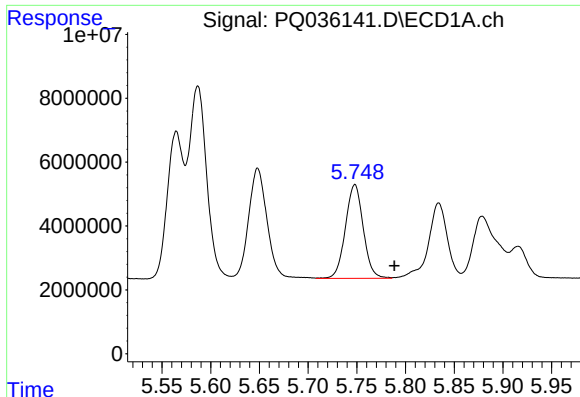
#18 AR-1242-3

R.T.: 5.648 min
Delta R.T.: -0.041 min
Response: 45629177
Conc: 527.41 ng/ml



#18 AR-1242-3

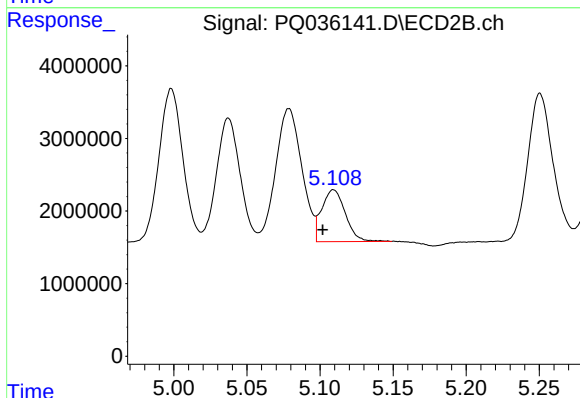
R.T.: 5.037 min
Delta R.T.: 0.016 min
Response: 19182907
Conc: 425.95 ng/ml



#19 AR-1242-4

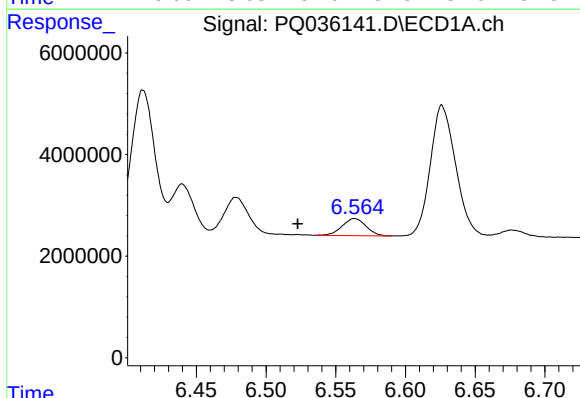
R.T.: 5.748 min
Delta R.T.: -0.041 min
Response: 37471876
Conc: 541.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



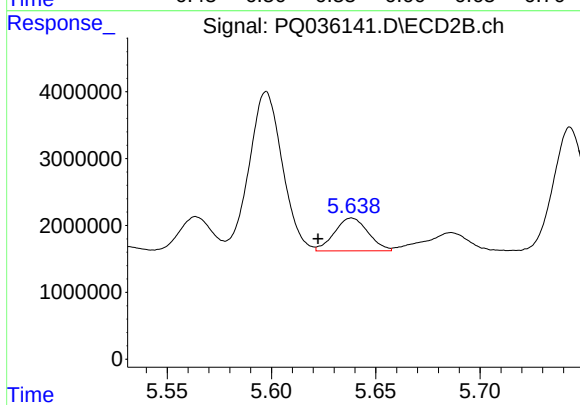
#19 AR-1242-4

R.T.: 5.109 min
Delta R.T.: 0.007 min
Response: 8026181
Conc: 181.25 ng/ml



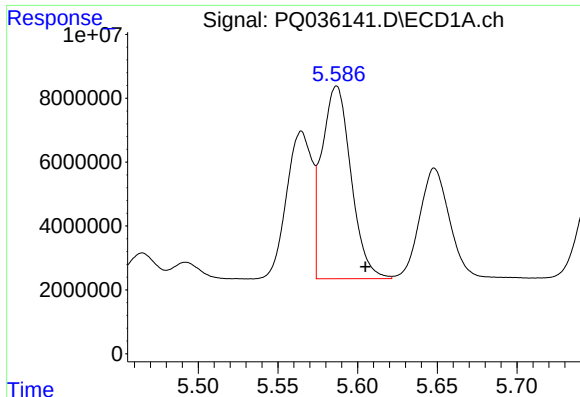
#20 AR-1242-5

R.T.: 6.564 min
Delta R.T.: 0.041 min
Response: 4034574
Conc: 51.43 ng/ml



#20 AR-1242-5

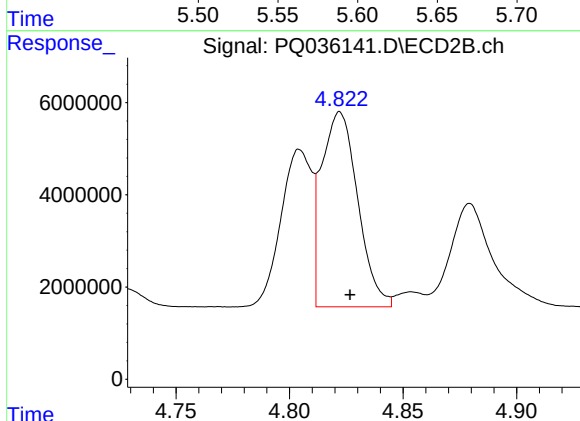
R.T.: 5.638 min
Delta R.T.: 0.016 min
Response: 5519751
Conc: 100.01 ng/ml



#21 AR-1248-1

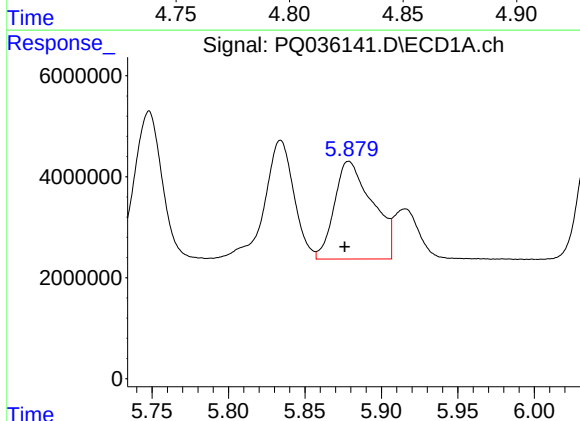
R.T.: 5.587 min
Delta R.T.: -0.018 min
Response: 76846436
Conc: 1164.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



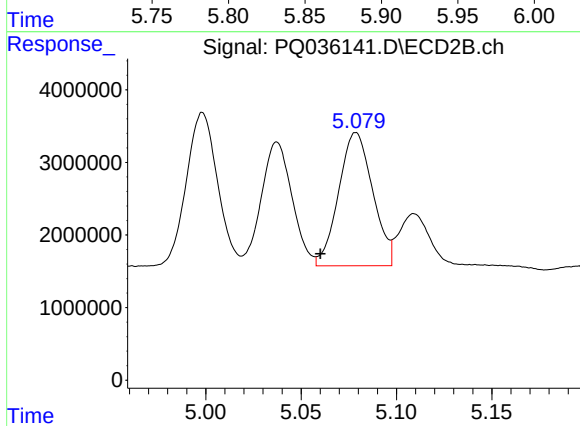
#21 AR-1248-1

R.T.: 4.822 min
Delta R.T.: -0.004 min
Response: 47017004
Conc: 1191.67 ng/ml



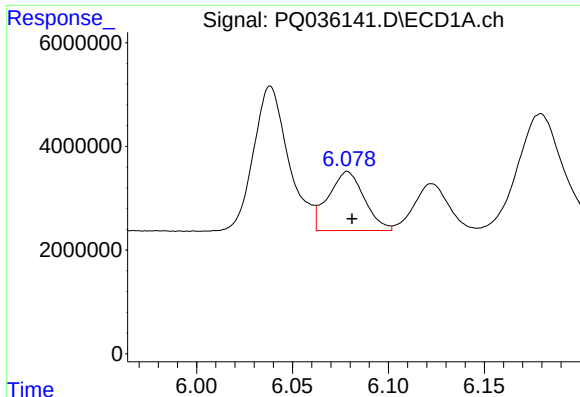
#22 AR-1248-2

R.T.: 5.879 min
Delta R.T.: 0.003 min
Response: 33515590
Conc: 353.60 ng/ml



#22 AR-1248-2

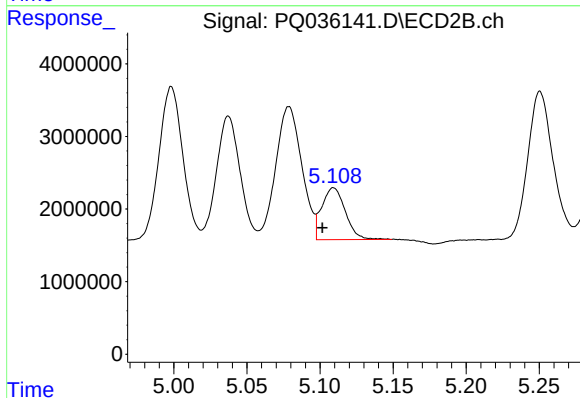
R.T.: 5.079 min
Delta R.T.: 0.019 min
Response: 22822789
Conc: 420.51 ng/ml



#23 AR-1248-3

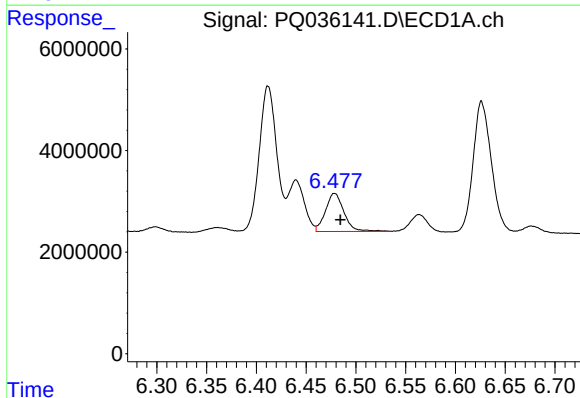
R.T.: 6.079 min
Delta R.T.: -0.002 min
Response: 14873106
Conc: 142.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



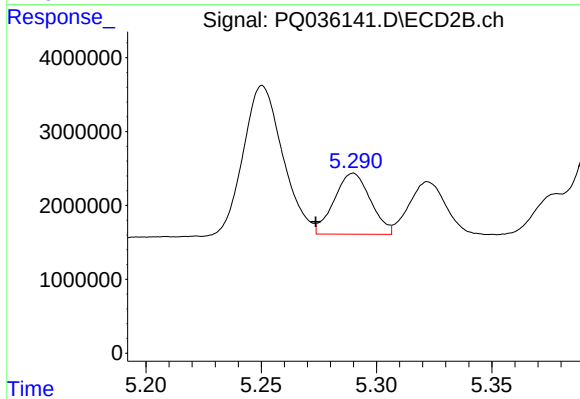
#23 AR-1248-3

R.T.: 5.109 min
Delta R.T.: 0.008 min
Response: 8026181
Conc: 143.83 ng/ml



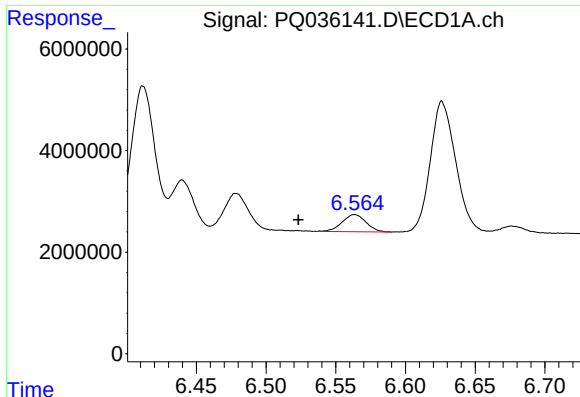
#24 AR-1248-4

R.T.: 6.479 min
Delta R.T.: -0.006 min
Response: 9704367
Conc: 78.80 ng/ml



#24 AR-1248-4

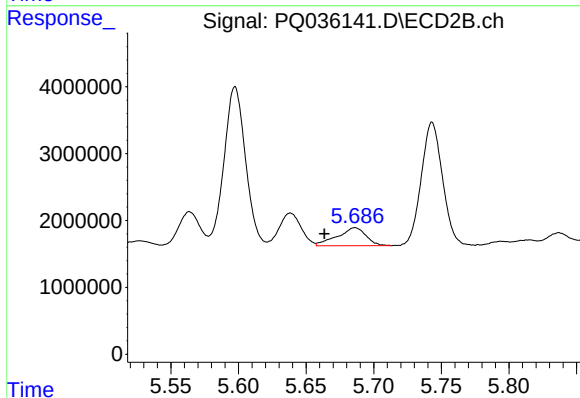
R.T.: 5.290 min
Delta R.T.: 0.016 min
Response: 9040725
Conc: 130.60 ng/ml



#25 AR-1248-5

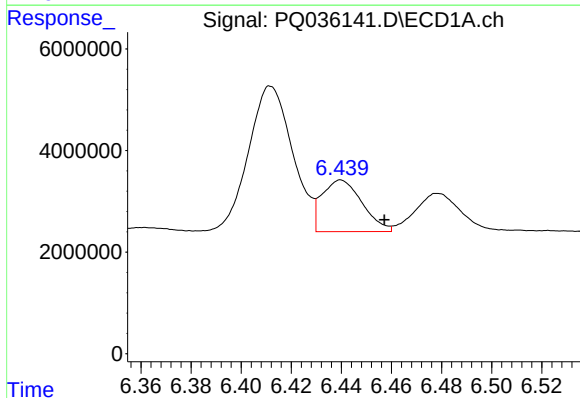
R.T.: 6.564 min
Delta R.T.: 0.040 min
Response: 4034574
Conc: 34.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



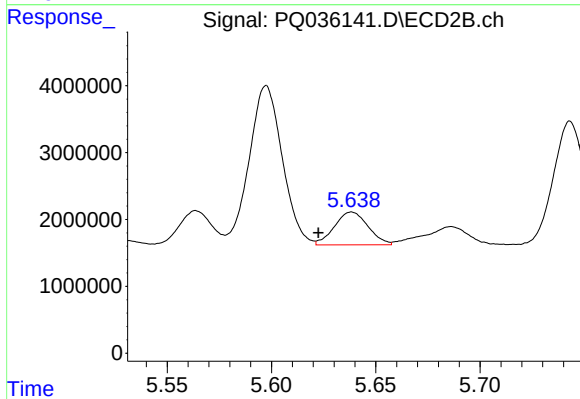
#25 AR-1248-5

R.T.: 5.686 min
Delta R.T.: 0.023 min
Response: 3973290
Conc: 56.37 ng/ml



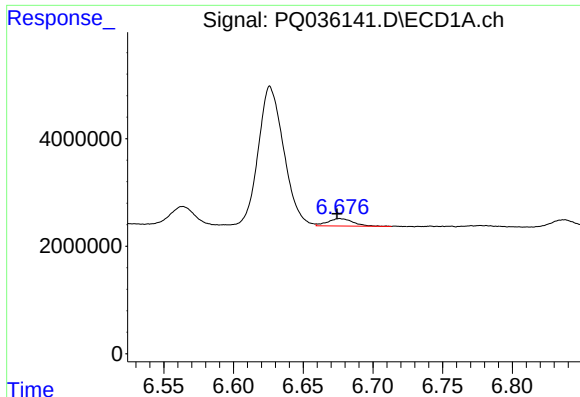
#26 AR-1254-1

R.T.: 6.440 min
Delta R.T.: -0.017 min
Response: 11318156
Conc: 74.35 ng/ml



#26 AR-1254-1

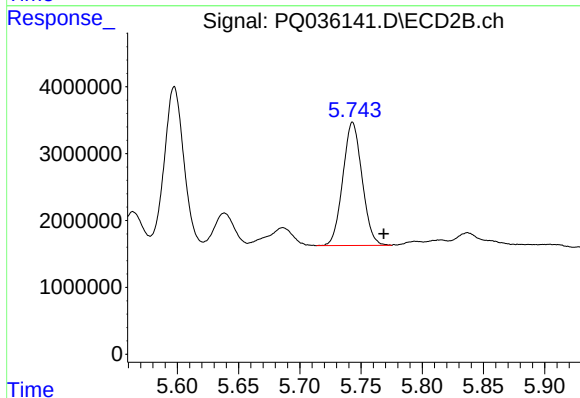
R.T.: 5.638 min
Delta R.T.: 0.016 min
Response: 5519751
Conc: 41.38 ng/ml



#27 AR-1254-2

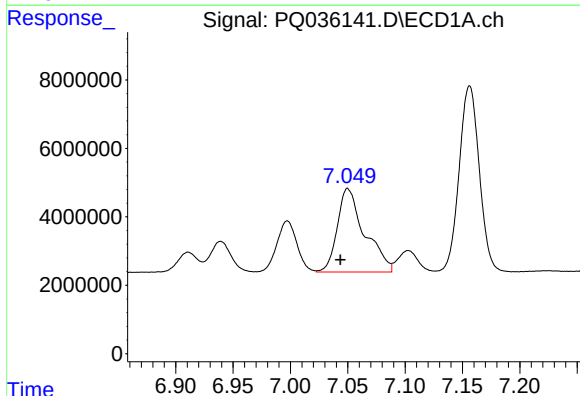
R.T.: 6.676 min
Delta R.T.: 0.002 min
Response: 1735295
Conc: 7.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



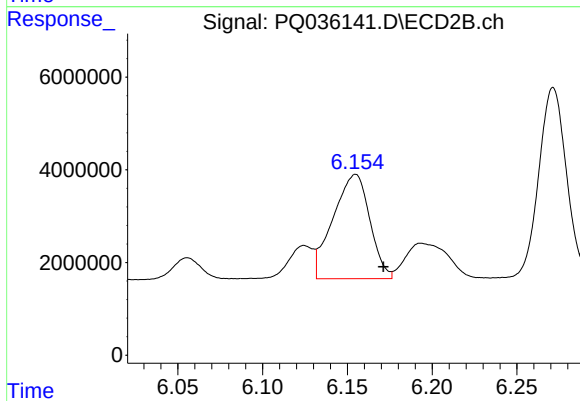
#27 AR-1254-2

R.T.: 5.743 min
Delta R.T.: -0.025 min
Response: 20164456
Conc: 174.51 ng/ml



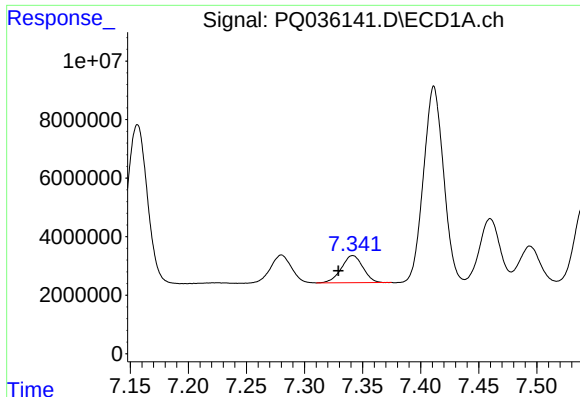
#28 AR-1254-3

R.T.: 7.050 min
Delta R.T.: 0.006 min
Response: 40520141
Conc: 157.82 ng/ml



#28 AR-1254-3

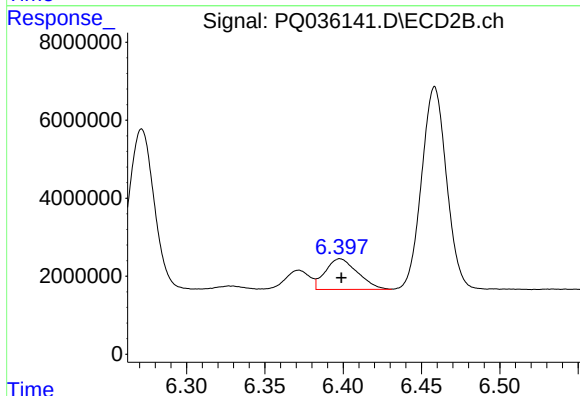
R.T.: 6.155 min
Delta R.T.: -0.016 min
Response: 33979924
Conc: 176.01 ng/ml



#29 AR-1254-4

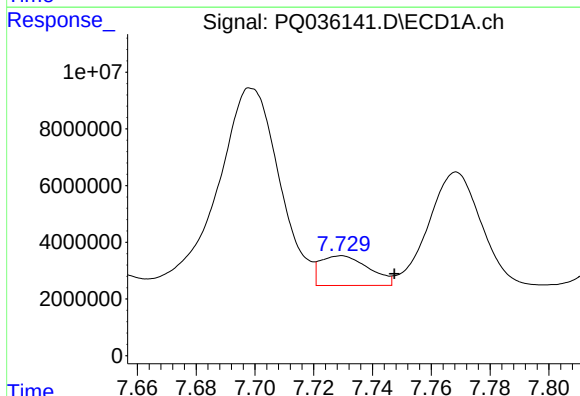
R.T.: 7.342 min
Delta R.T.: 0.012 min
Response: 11978031
Conc: 66.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



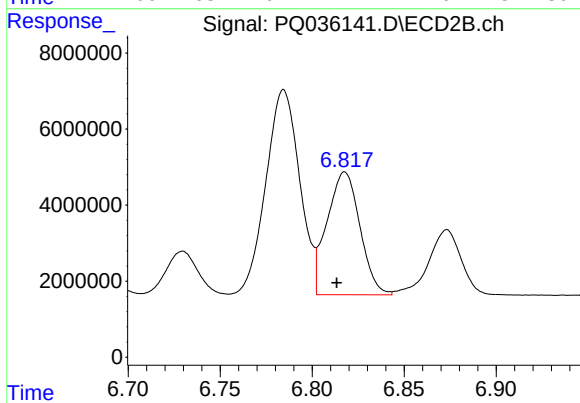
#29 AR-1254-4

R.T.: 6.398 min
Delta R.T.: 0.000 min
Response: 11279557
Conc: 93.73 ng/ml



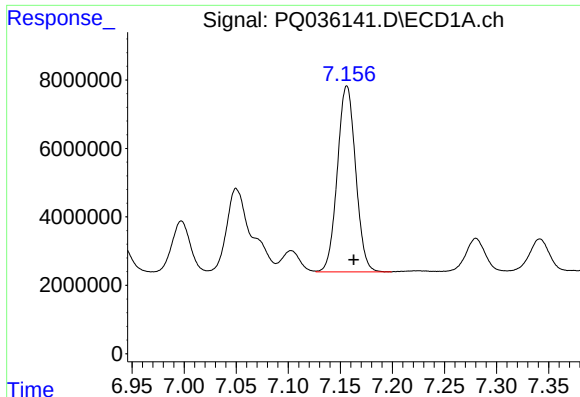
#30 AR-1254-5

R.T.: 7.729 min
Delta R.T.: -0.018 min
Response: 11963293
Conc: 60.99 ng/ml



#30 AR-1254-5

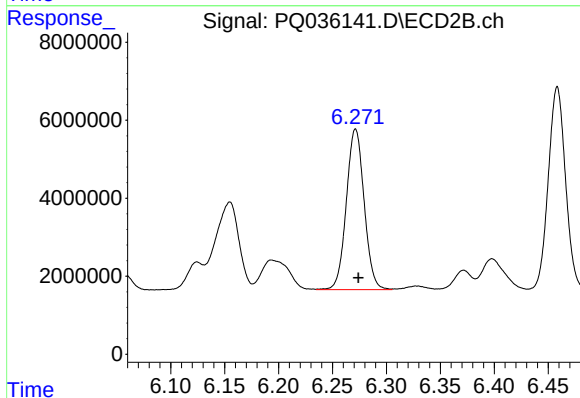
R.T.: 6.818 min
Delta R.T.: 0.005 min
Response: 40234172
Conc: 247.04 ng/ml



#31 AR-1260-1

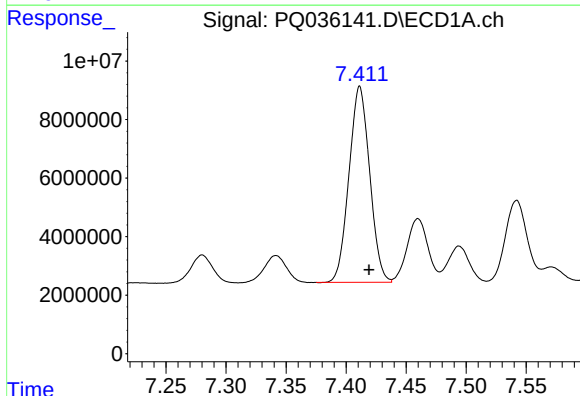
R.T.: 7.156 min
Delta R.T.: -0.007 min
Response: 66491778
Conc: 360.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



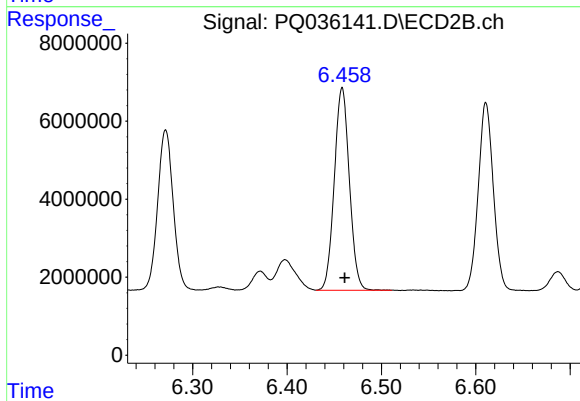
#31 AR-1260-1

R.T.: 6.271 min
Delta R.T.: -0.003 min
Response: 47351581
Conc: 376.44 ng/ml



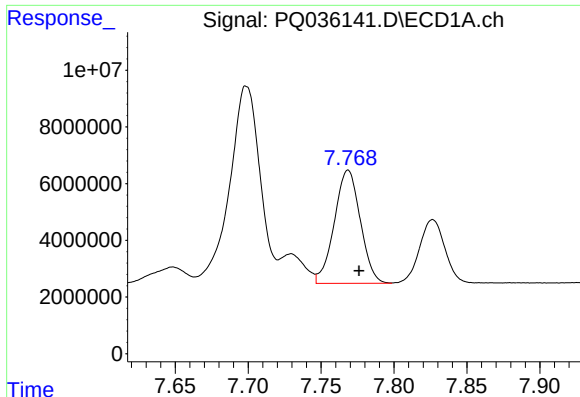
#32 AR-1260-2

R.T.: 7.411 min
Delta R.T.: -0.008 min
Response: 80421428
Conc: 370.12 ng/ml



#32 AR-1260-2

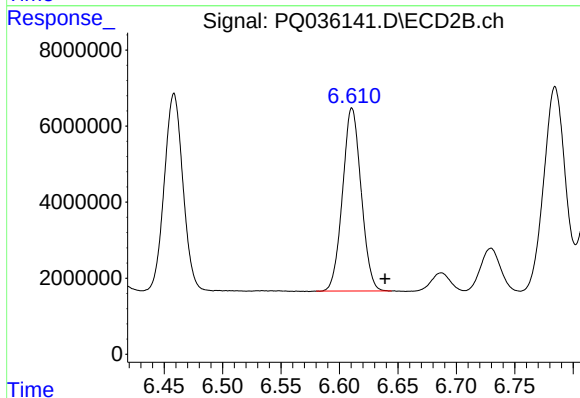
R.T.: 6.458 min
Delta R.T.: -0.003 min
Response: 57642180
Conc: 381.70 ng/ml



#33 AR-1260-3

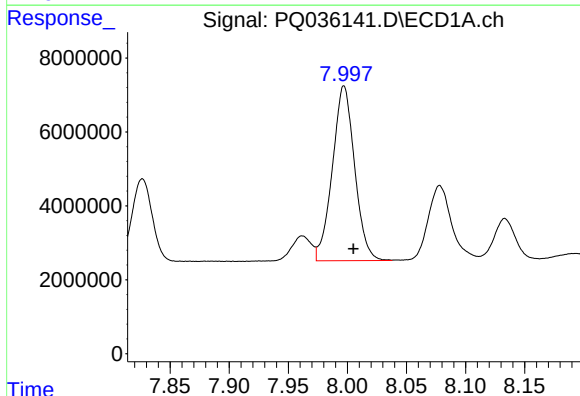
R.T.: 7.769 min
Delta R.T.: -0.007 min
Response: 49626505
Conc: 370.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



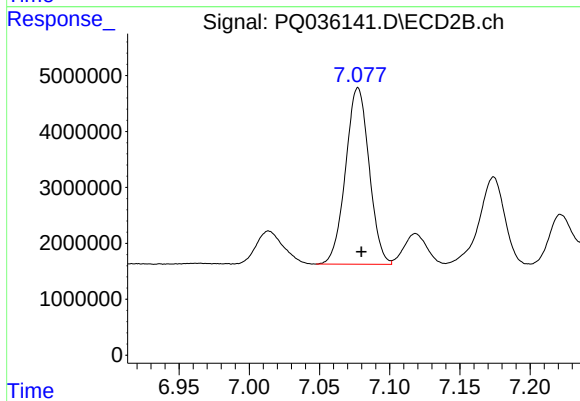
#33 AR-1260-3

R.T.: 6.611 min
Delta R.T.: -0.028 min
Response: 53278813
Conc: 381.29 ng/ml



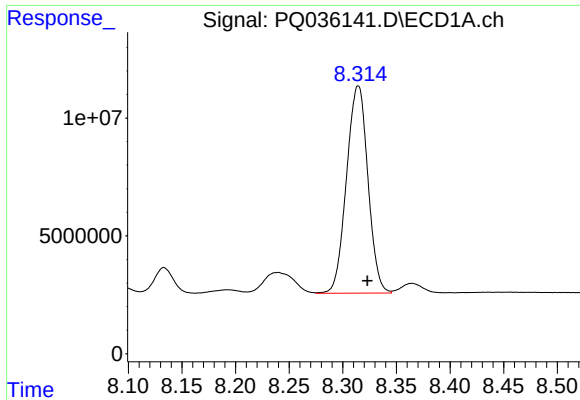
#34 AR-1260-4

R.T.: 7.997 min
Delta R.T.: -0.008 min
Response: 62040431
Conc: 376.43 ng/ml



#34 AR-1260-4

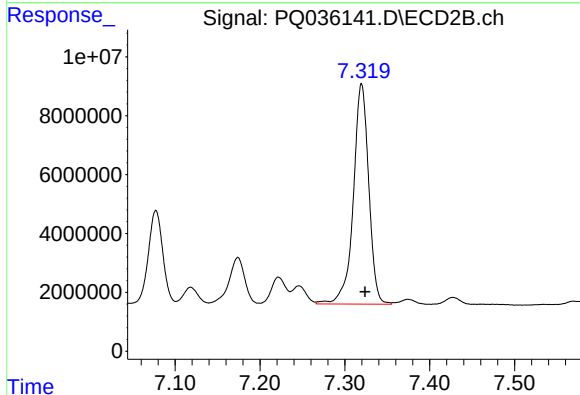
R.T.: 7.077 min
Delta R.T.: -0.003 min
Response: 36863919
Conc: 397.00 ng/ml



#35 AR-1260-5

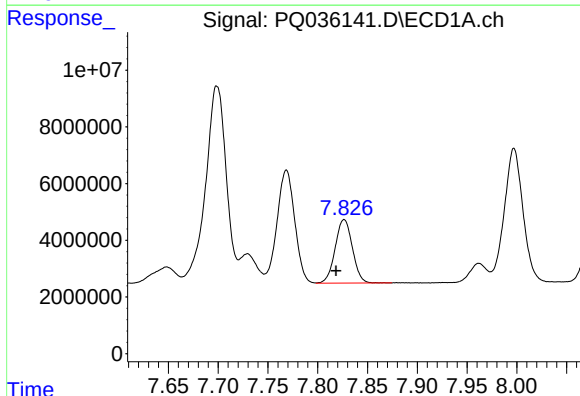
R.T.: 8.314 min
Delta R.T.: -0.009 min
Response: 122267095
Conc: 410.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



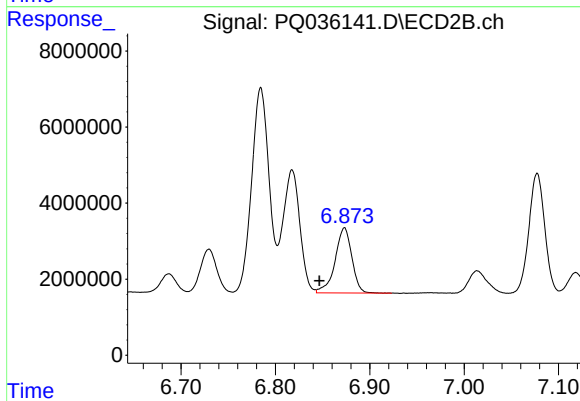
#35 AR-1260-5

R.T.: 7.320 min
Delta R.T.: -0.004 min
Response: 94558000
Conc: 421.39 ng/ml



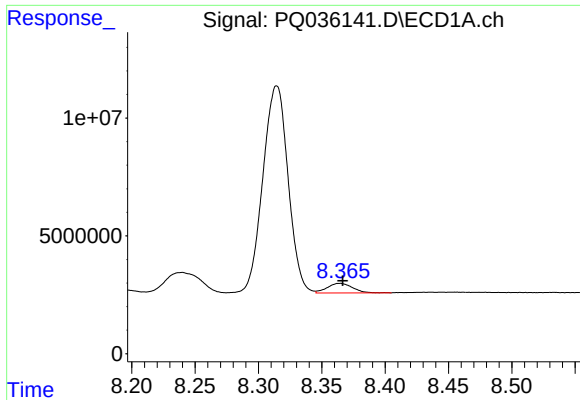
#36 AR-1262-1

R.T.: 7.827 min
Delta R.T.: 0.008 min
Response: 27054771
Conc: 123.50 ng/ml



#36 AR-1262-1

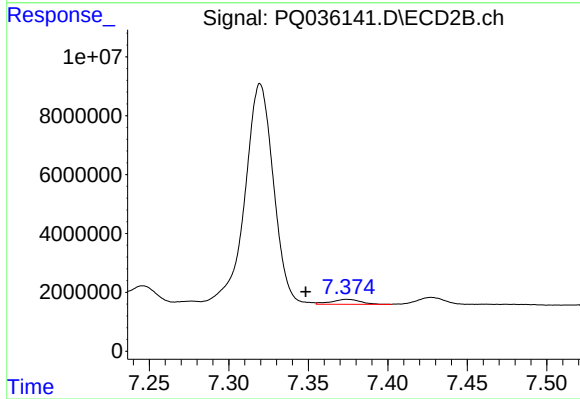
R.T.: 6.873 min
Delta R.T.: 0.027 min
Response: 21245091
Conc: 138.43 ng/ml



#37 AR-1262-2

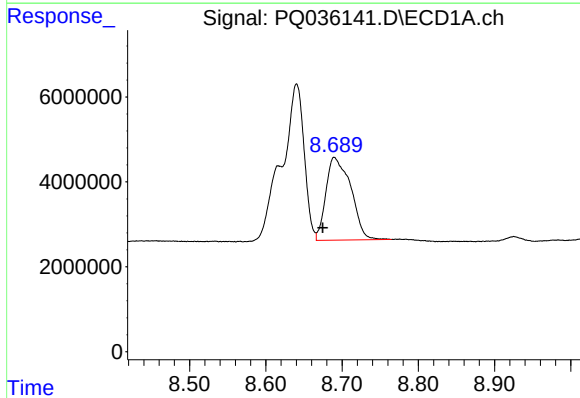
R.T.: 8.364 min
Delta R.T.: -0.002 min
Response: 5721480
Conc: 15.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



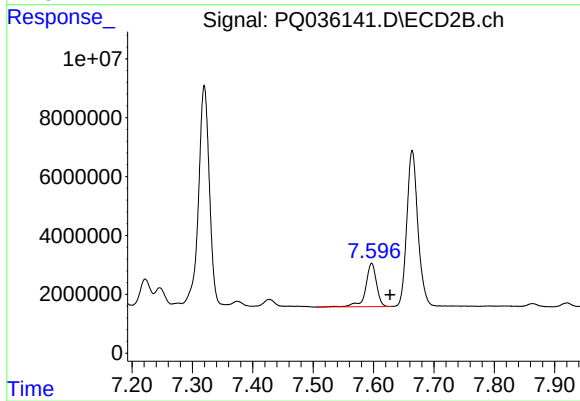
#37 AR-1262-2

R.T.: 7.374 min
Delta R.T.: 0.026 min
Response: 2116785
Conc: 7.93 ng/ml



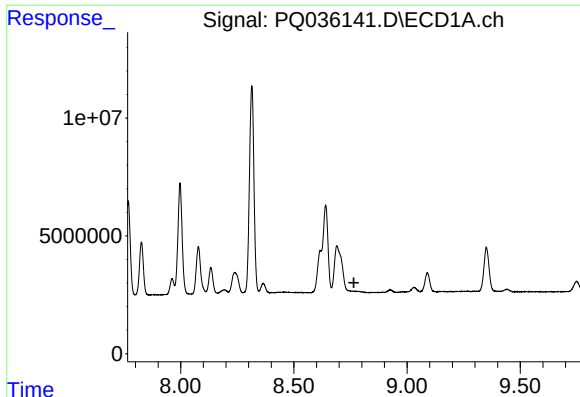
#38 AR-1262-3

R.T.: 8.690 min
Delta R.T.: 0.015 min
Response: 44264918
Conc: 184.14 ng/ml



#38 AR-1262-3

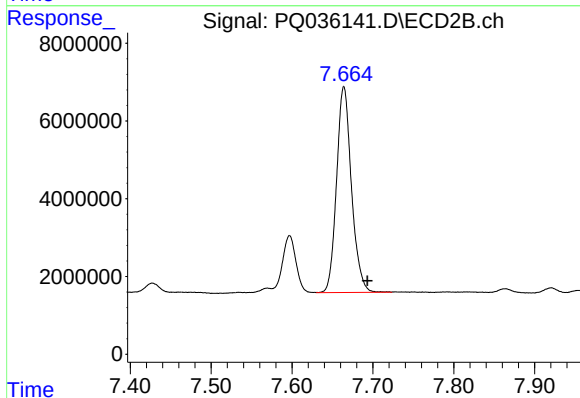
R.T.: 7.597 min
Delta R.T.: -0.030 min
Response: 18407698
Conc: 177.37 ng/ml



#39 AR-1262-4

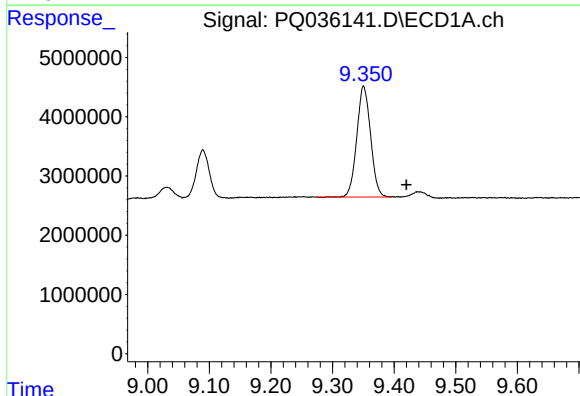
R.T.: 0.000 min
Exp R.T.: 8.765 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



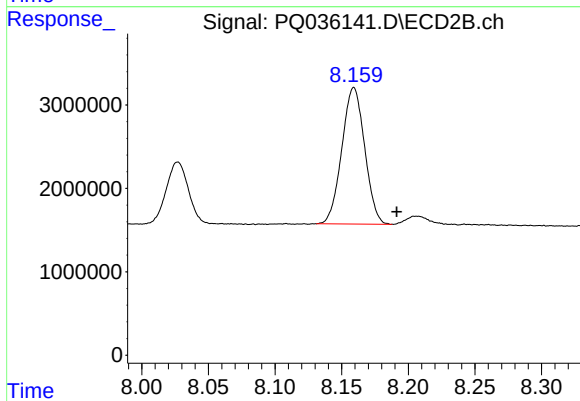
#39 AR-1262-4

R.T.: 7.664 min
Delta R.T.: -0.029 min
Response: 67724896
Conc: 365.60 ng/ml



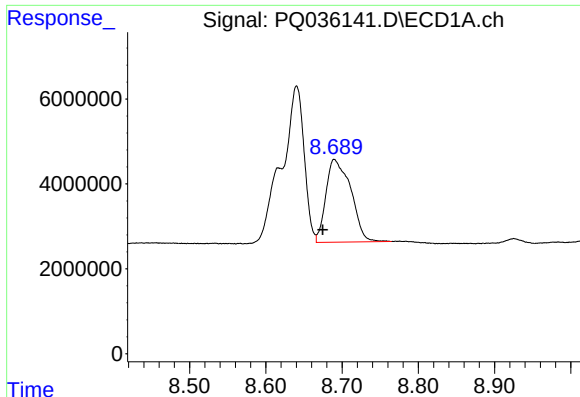
#40 AR-1262-5

R.T.: 9.350 min
Delta R.T.: -0.070 min
Response: 29128621
Conc: 255.78 ng/ml



#40 AR-1262-5

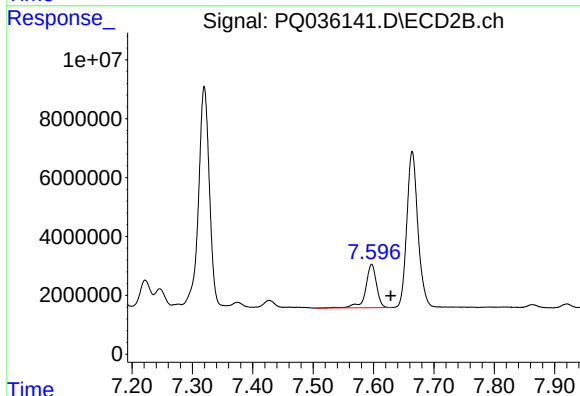
R.T.: 8.159 min
Delta R.T.: -0.032 min
Response: 19522203
Conc: 263.01 ng/ml



#41 AR-1268-1

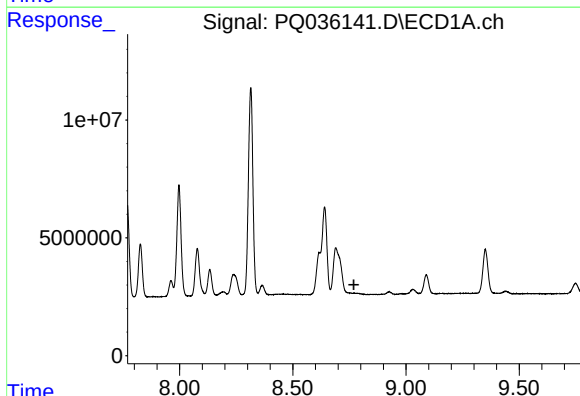
R.T.: 8.690 min
Delta R.T.: 0.015 min
Response: 44264918
Conc: 91.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



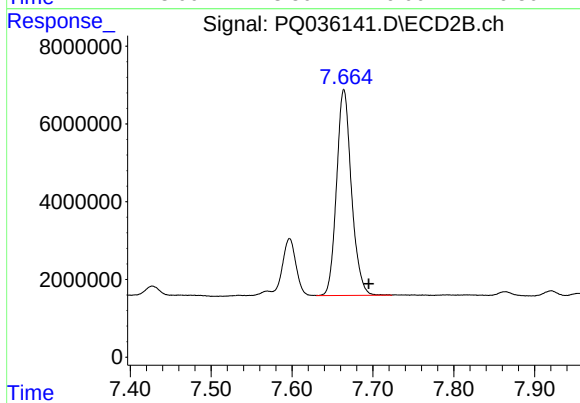
#41 AR-1268-1

R.T.: 7.597 min
Delta R.T.: -0.031 min
Response: 18407698
Conc: 55.20 ng/ml



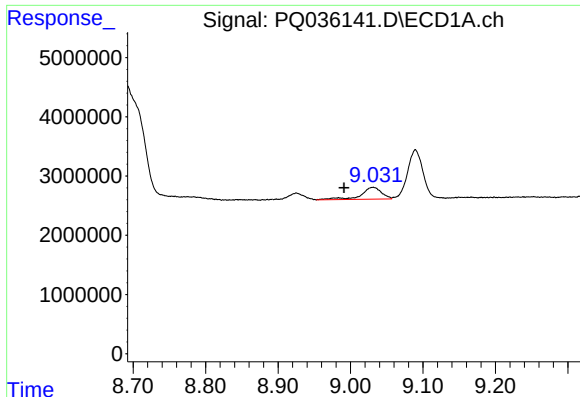
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.770 min
Response: 0
Conc: N.D.



#42 AR-1268-2

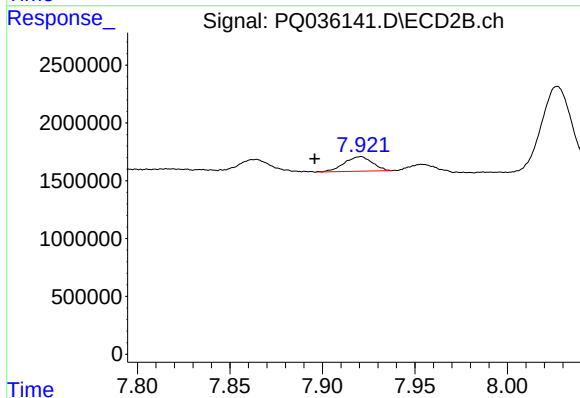
R.T.: 7.664 min
Delta R.T.: -0.031 min
Response: 67724896
Conc: 228.53 ng/ml



#43 AR-1268-3

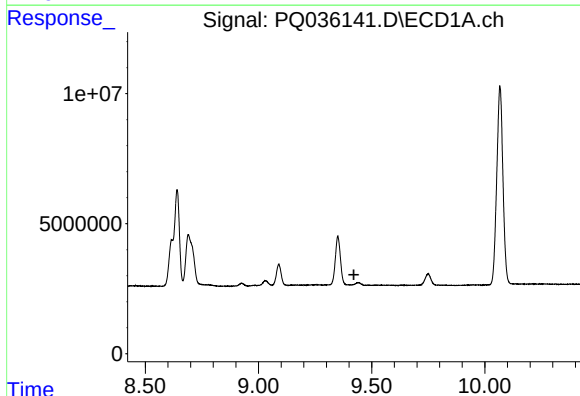
R.T.: 9.031 min
Delta R.T.: 0.040 min
Response: 3968636
Conc: 10.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



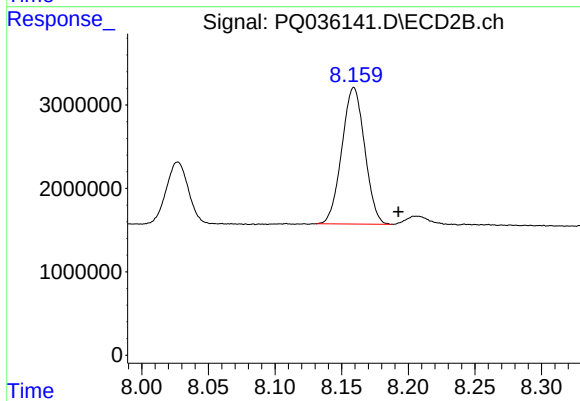
#43 AR-1268-3

R.T.: 7.921 min
Delta R.T.: 0.025 min
Response: 1339068
Conc: 5.48 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.422 min
Response: 0
Conc: N.D.



#44 AR-1268-4

R.T.: 8.159 min
Delta R.T.: -0.033 min
Response: 19522203
Conc: 209.27 ng/ml