

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ120418\
 Data File : PQ035229.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Dec 2018 11:36
 Operator : SM\SJ
 Sample : PQ120418ICV500
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 04 11:51:27 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ120518.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 04 11:22:11 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...	4.451	3.754	177.2E6	99559633	44.322	45.287
2)	SA Decachlor...	10.177	8.746	186.3E6	117.0E6	49.124	50.453
Target Compounds							
3)	L1 AR-1016-1	5.619	4.836	59767901	36607116	424.529	438.255
4)	L1 AR-1016-2	5.641	4.854	92018803	54891346	430.741	435.316
5)	L1 AR-1016-3	5.703	5.031	54256735	28678206	420.679	436.864
6)	L1 AR-1016-4	5.803	5.071	45299295	22868508	428.631	439.615
7)	L1 AR-1016-5	6.096	5.284	46629272	30785267	443.693	446.709
8)	L2 AR-1221-1	4.656	3.964	4802294	2801409	149.952	153.965
9)	L2 AR-1221-2	4.749	4.053	6908122	3893877	275.466	292.921
10)	L2 AR-1221-3	4.825	4.128	27652832	16152320	356.898	355.655
11)	L3 AR-1232-1	4.825	4.128	27652832	16152320	395.446	400.243
12)	L3 AR-1232-2	5.352	4.854	41614691	54891346	1075.349	1111.970
13)	L3 AR-1232-3	5.641	5.031	92018803	28678206	1135.276	1146.503
14)	L3 AR-1232-4	5.803	5.112	45299295	27587435	1166.008	1243.461
15)	L3 AR-1232-5	5.890	5.284	38979600	30785267	1334.505	1261.420
16)	L4 AR-1242-1	5.619	4.836	59767901	36607116	588.599	588.340
17)	L4 AR-1242-2	5.641	4.854	92018803	54891346	587.594	585.907
18)	L4 AR-1242-3	5.703	5.031	54256735	28678206	586.627	582.178
19)	L4 AR-1242-4	5.803	5.112	45299295	27587435	586.440	575.939
20)	L4 AR-1242-5	6.537	5.633	13747400	35153872	156.232	524.023 #
21)	L5 AR-1248-1	5.619	4.836	59767901	36607116	823.483	797.890
22)	L5 AR-1248-2	5.890	5.071	38979600	22868508	361.000	358.017
23)	L5 AR-1248-3	6.096	5.112	46629272	27587435	368.977	419.848
24)	L5 AR-1248-4	6.499	5.284	16410735	30785267	111.136	369.717 #
25)	L5 AR-1248-5	6.537	5.675	13747400	7485545	97.882	86.432
26)	L6 AR-1254-1	6.471	5.633	49553594	35153872	328.846	259.606
27)	L6 AR-1254-2	6.687	5.779	46976684	27960132	197.411	235.897
28)	L6 AR-1254-3	7.058	6.193	26880606	59559591	100.650	289.930 #
29)	L6 AR-1254-4	7.342	6.410	18500835	7210938	94.872	54.633 #
30)	L6 AR-1254-5	7.760	6.824	156.9E6	108.6E6	729.675	593.480
31)	L7 AR-1260-1	7.218	6.310	99655808	70071309	438.229	464.293
32)	L7 AR-1260-2	7.474	6.497	122.9E6	86948141	448.457	458.245
33)	L7 AR-1260-3	7.833	6.650	75699159	82074157	457.856	468.619
34)	L7 AR-1260-4	8.061	7.119	97270627	57682679	461.542	483.265
35)	L7 AR-1260-5	8.382	7.360	189.0E6	147.5E6	465.187	490.046
36)	L8 AR-1262-1	7.833	6.858	75699159	61864501	301.694	341.163
37)	L8 AR-1262-2	8.382	7.360	189.0E6	147.5E6	405.215	437.040
38)	L8 AR-1262-3	8.714	7.640	114.2E6	24906185	384.717	199.903 #
39)	L8 AR-1262-4	8.765	7.706	62878642	102.7E6	501.371	427.173
40)	L8 AR-1262-5	9.441	8.203	42800889	27647128	285.445	264.934
41)	L9 AR-1268-1	8.714	7.640	114.2E6	24906185	187.814	57.591 #

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 ALS Vial : 15 Sample Multiplier: 1

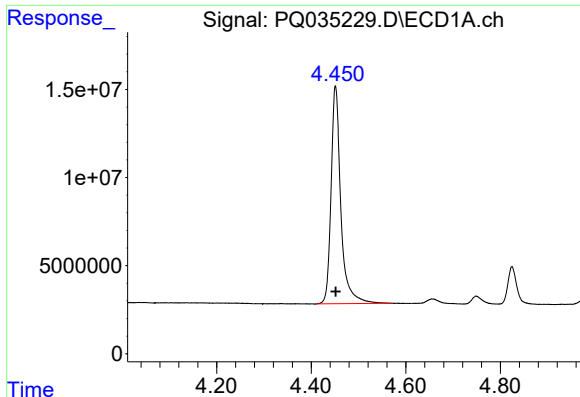
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 04 11:51:27 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ120518.M
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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	8.765	7.706	62878642	102.7E6	113.420	262.826 #
43) L9	AR-1268-3	9.009	7.906	3313623	1794175	7.025	5.628
44) L9	AR-1268-4	9.441	8.203	42800889	27647128	231.194	213.863
45) L9	AR-1268-5	9.849	8.495	10373154	6636711	6.716	6.698

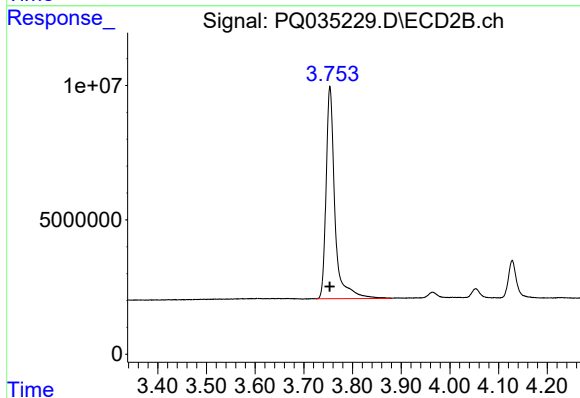
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

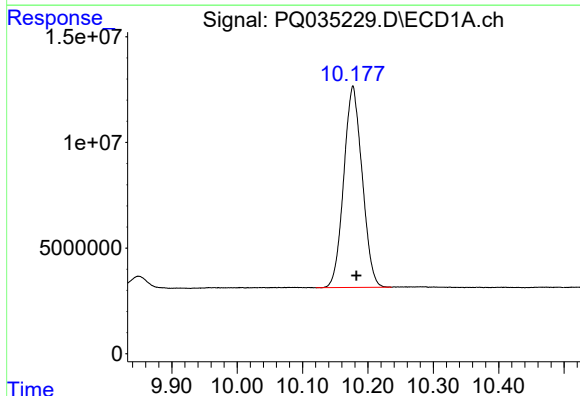
R.T.: 4.451 min
Delta R.T.: 0.000 min
Response: 177190083
Conc: 44.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



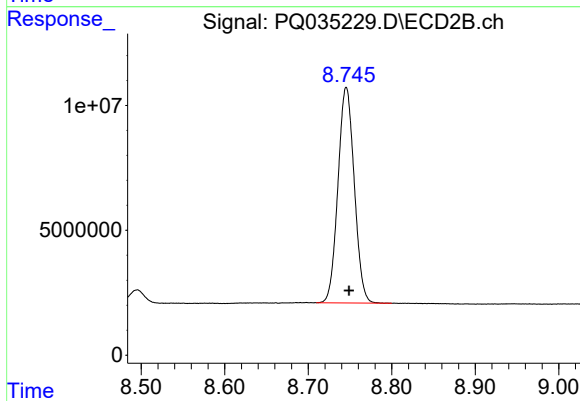
#1 Tetrachloro-m-xylene

R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 99559633
Conc: 45.29 ng/ml



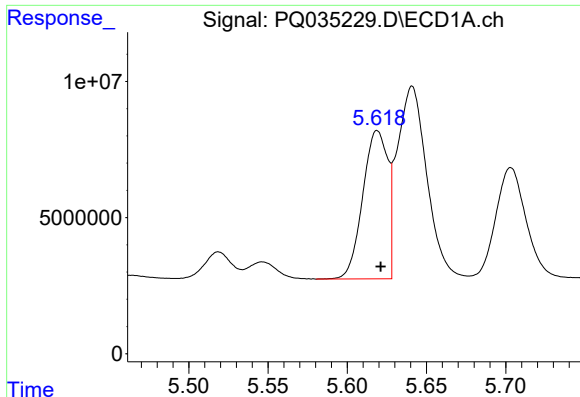
#2 Decachlorobiphenyl

R.T.: 10.177 min
Delta R.T.: -0.005 min
Response: 186325853
Conc: 49.12 ng/ml



#2 Decachlorobiphenyl

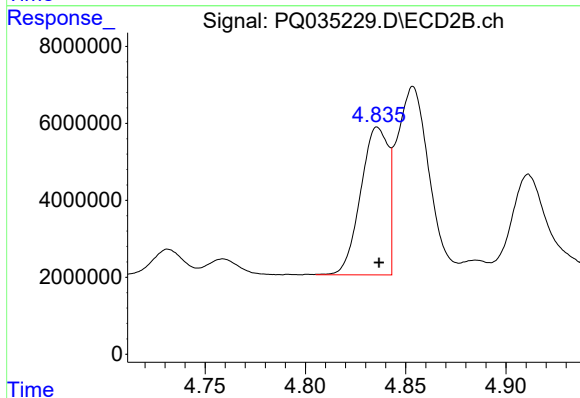
R.T.: 8.746 min
Delta R.T.: -0.003 min
Response: 116972084
Conc: 50.45 ng/ml



#3 AR-1016-1

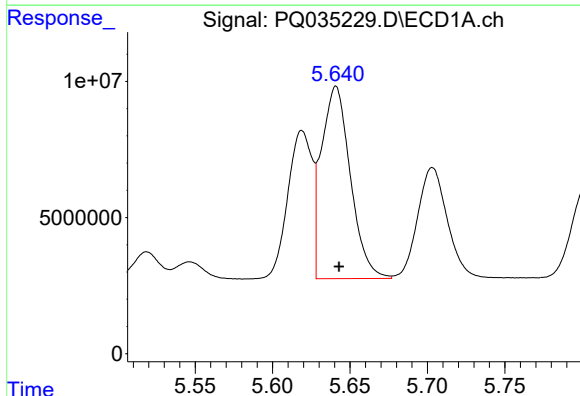
R.T.: 5.619 min
Delta R.T.: -0.002 min
Response: 59767901
Conc: 424.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



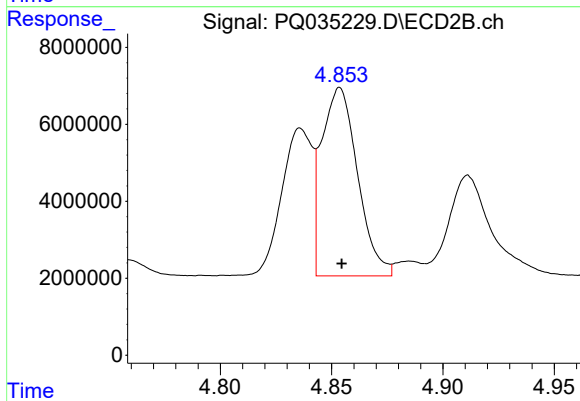
#3 AR-1016-1

R.T.: 4.836 min
Delta R.T.: 0.000 min
Response: 36607116
Conc: 438.25 ng/ml



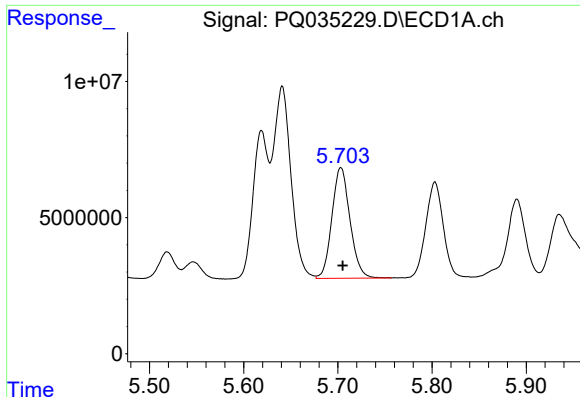
#4 AR-1016-2

R.T.: 5.641 min
Delta R.T.: -0.002 min
Response: 92018803
Conc: 430.74 ng/ml



#4 AR-1016-2

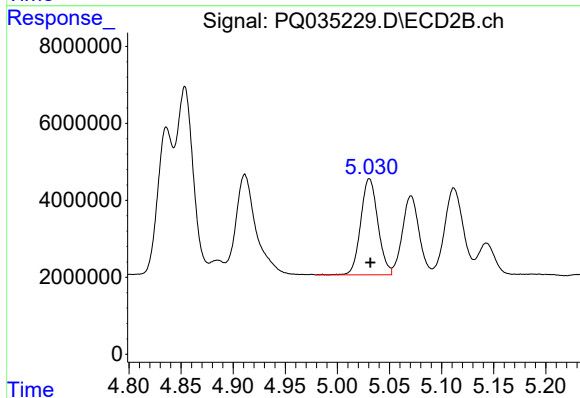
R.T.: 4.854 min
Delta R.T.: 0.000 min
Response: 54891346
Conc: 435.32 ng/ml



#5 AR-1016-3

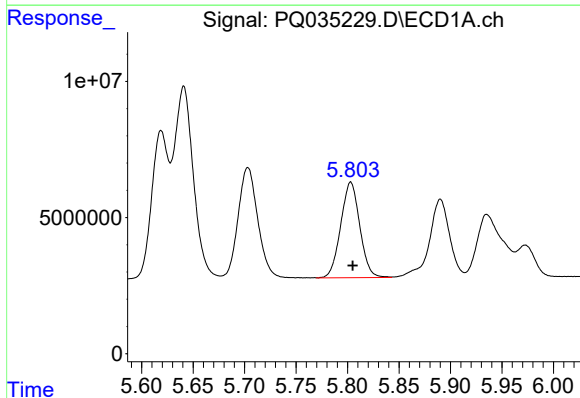
R.T.: 5.703 min
Delta R.T.: -0.002 min
Response: 54256735
Conc: 420.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



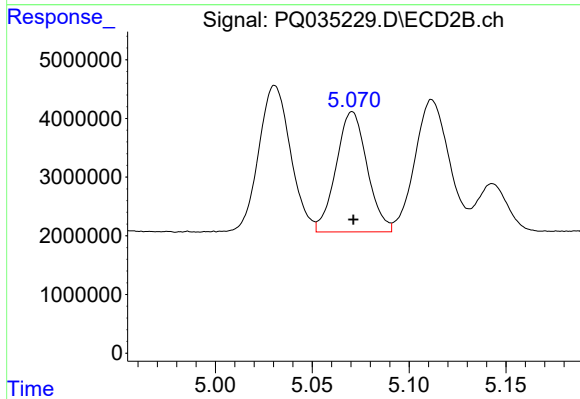
#5 AR-1016-3

R.T.: 5.031 min
Delta R.T.: -0.001 min
Response: 28678206
Conc: 436.86 ng/ml



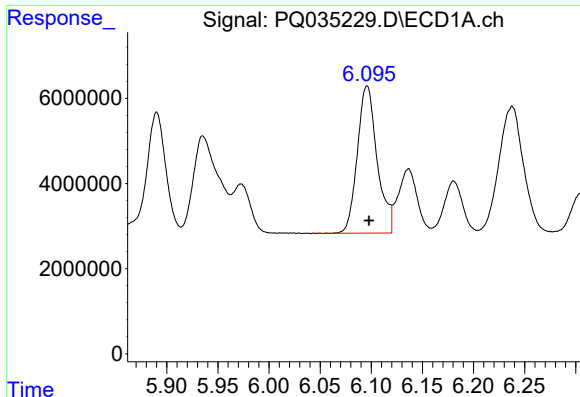
#6 AR-1016-4

R.T.: 5.803 min
Delta R.T.: -0.002 min
Response: 45299295
Conc: 428.63 ng/ml



#6 AR-1016-4

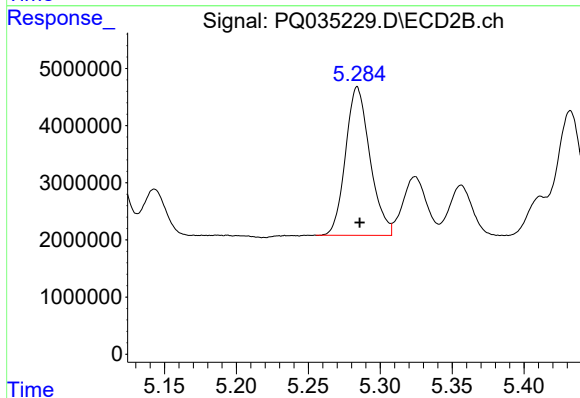
R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 22868508
Conc: 439.61 ng/ml



#7 AR-1016-5

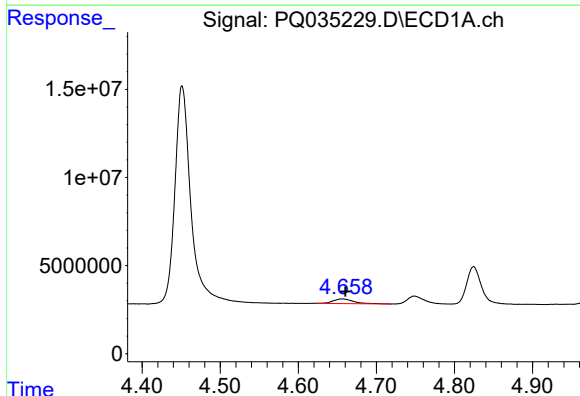
R.T.: 6.096 min
Delta R.T.: -0.002 min
Response: 46629272
Conc: 443.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



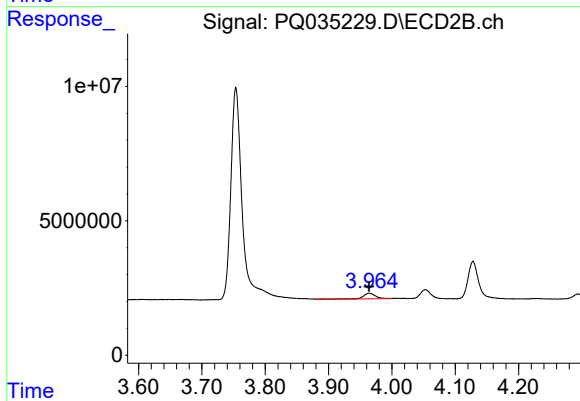
#7 AR-1016-5

R.T.: 5.284 min
Delta R.T.: -0.002 min
Response: 30785267
Conc: 446.71 ng/ml



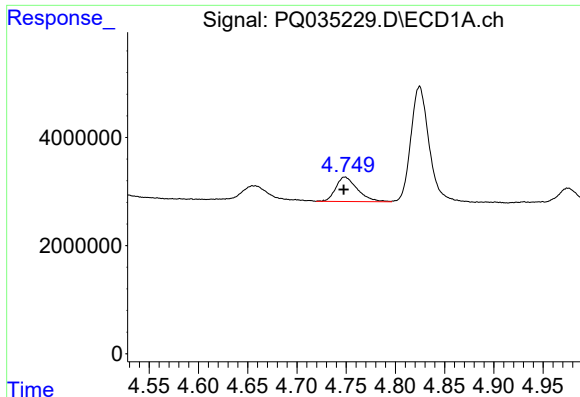
#8 AR-1221-1

R.T.: 4.656 min
Delta R.T.: -0.004 min
Response: 4802294
Conc: 149.95 ng/ml



#8 AR-1221-1

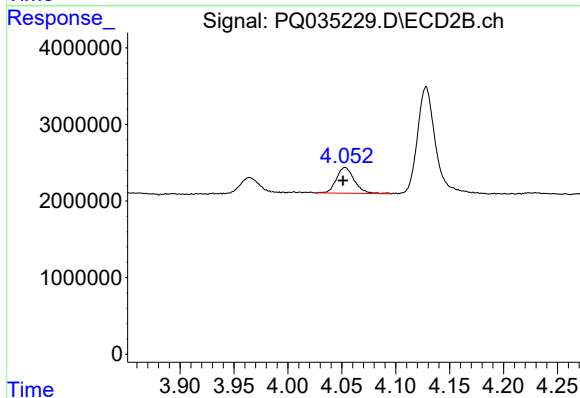
R.T.: 3.964 min
Delta R.T.: 0.000 min
Response: 2801409
Conc: 153.96 ng/ml



#9 AR-1221-2

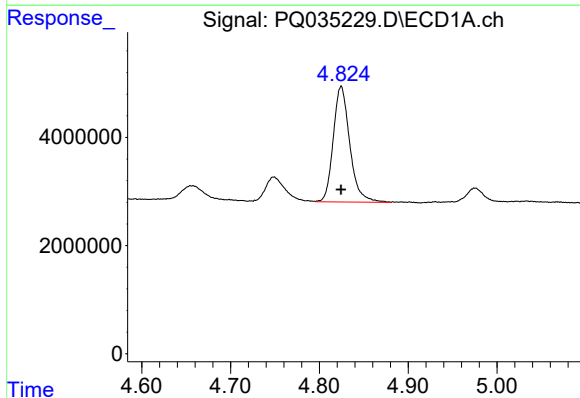
R.T.: 4.749 min
Delta R.T.: 0.001 min
Response: 6908122
Conc: 275.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



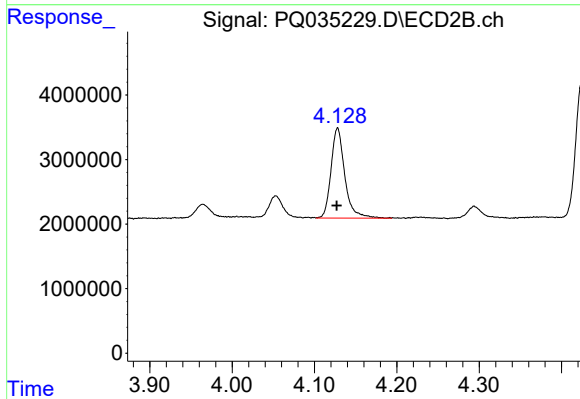
#9 AR-1221-2

R.T.: 4.053 min
Delta R.T.: 0.002 min
Response: 3893877
Conc: 292.92 ng/ml



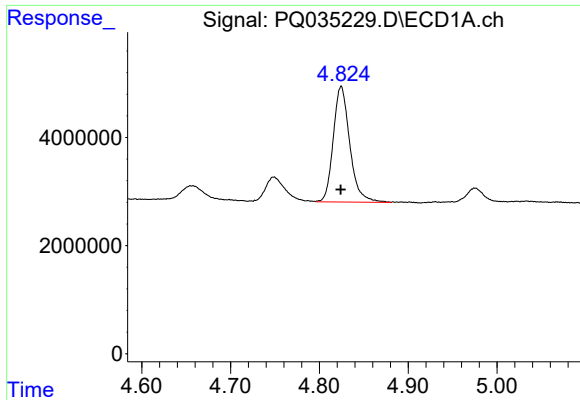
#10 AR-1221-3

R.T.: 4.825 min
Delta R.T.: 0.000 min
Response: 27652832
Conc: 356.90 ng/ml



#10 AR-1221-3

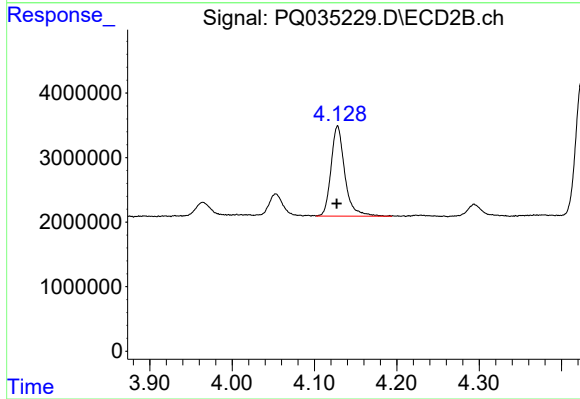
R.T.: 4.128 min
Delta R.T.: 0.001 min
Response: 16152320
Conc: 355.65 ng/ml



#11 AR-1232-1

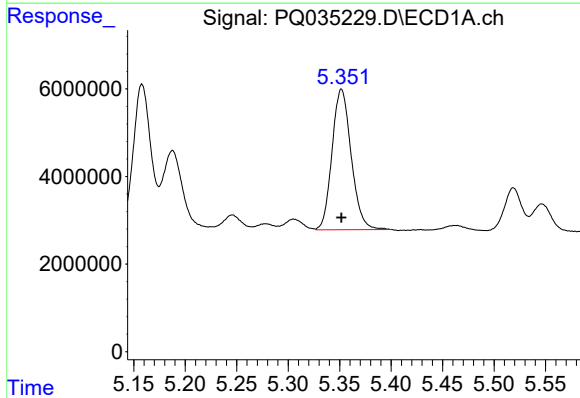
R.T.: 4.825 min
Delta R.T.: 0.000 min
Response: 27652832
Conc: 395.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



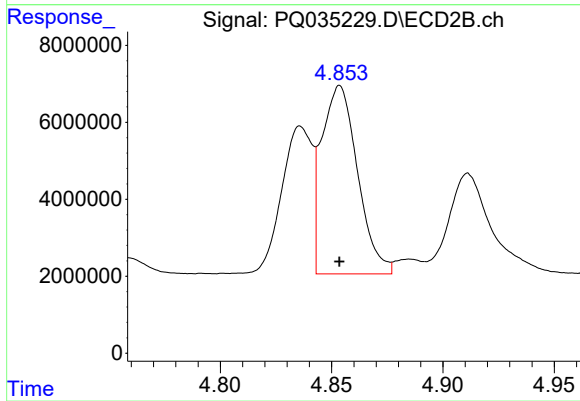
#11 AR-1232-1

R.T.: 4.128 min
Delta R.T.: 0.001 min
Response: 16152320
Conc: 400.24 ng/ml



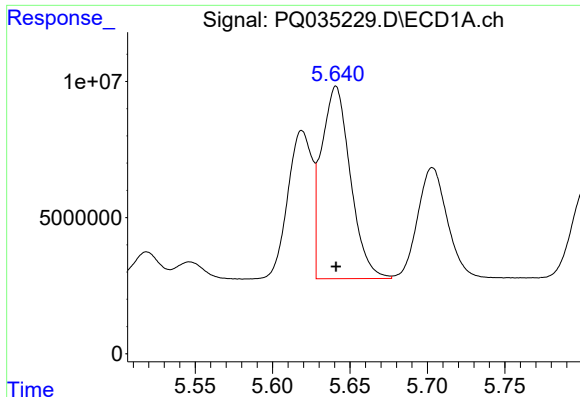
#12 AR-1232-2

R.T.: 5.352 min
Delta R.T.: 0.000 min
Response: 41614691
Conc: 1075.35 ng/ml



#12 AR-1232-2

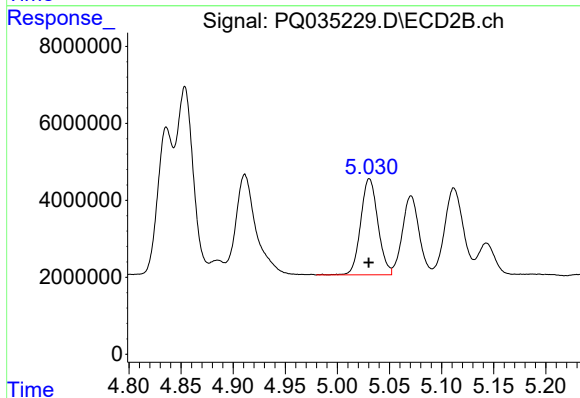
R.T.: 4.854 min
Delta R.T.: 0.000 min
Response: 54891346
Conc: 1111.97 ng/ml



#13 AR-1232-3

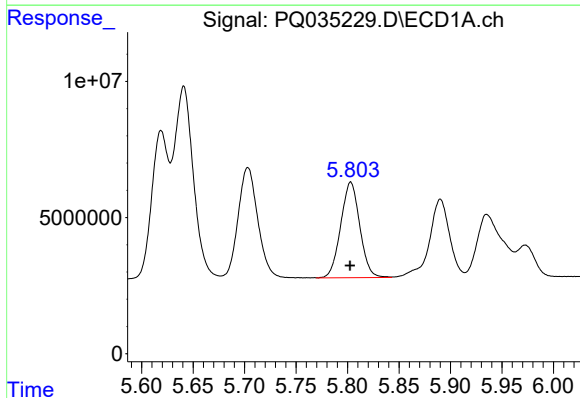
R.T.: 5.641 min
Delta R.T.: 0.000 min
Response: 92018803
Conc: 1135.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



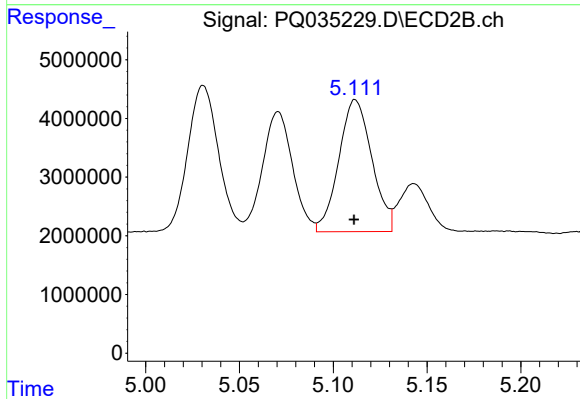
#13 AR-1232-3

R.T.: 5.031 min
Delta R.T.: 0.000 min
Response: 28678206
Conc: 1146.50 ng/ml



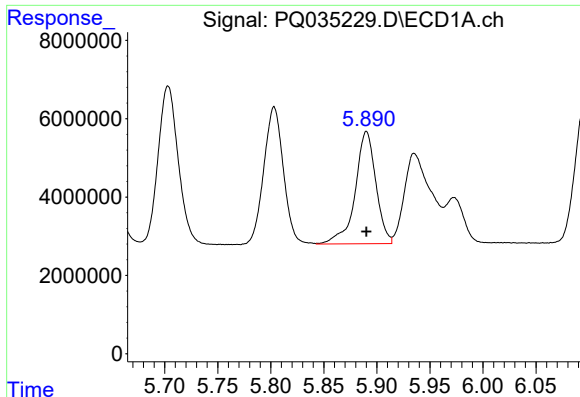
#14 AR-1232-4

R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 45299295
Conc: 1166.01 ng/ml



#14 AR-1232-4

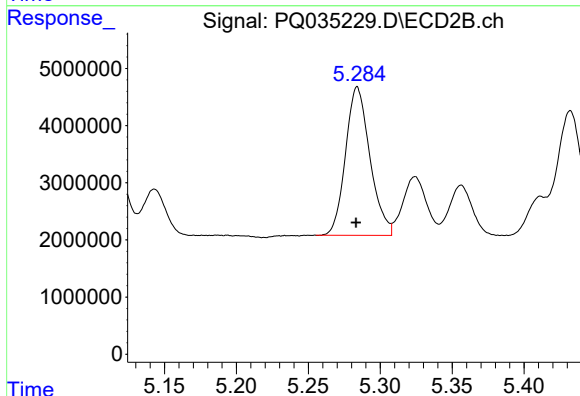
R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 27587435
Conc: 1243.46 ng/ml



#15 AR-1232-5

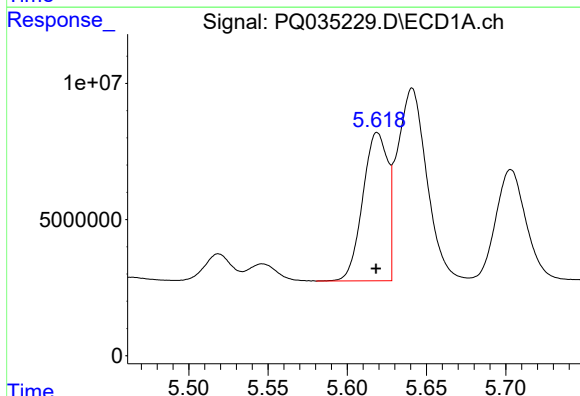
R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 38979600
Conc: 1334.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



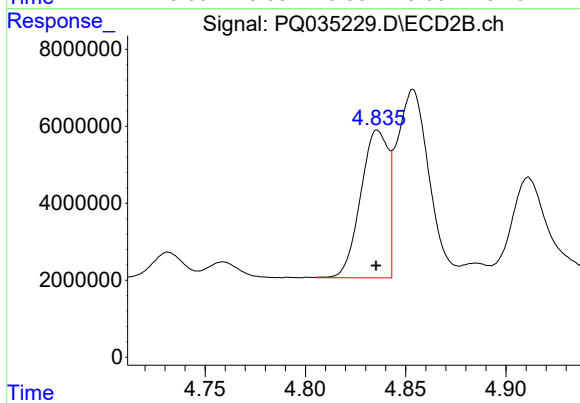
#15 AR-1232-5

R.T.: 5.284 min
Delta R.T.: 0.000 min
Response: 30785267
Conc: 1261.42 ng/ml



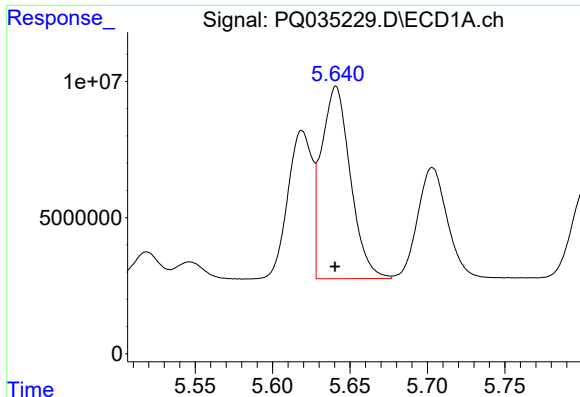
#16 AR-1242-1

R.T.: 5.619 min
Delta R.T.: 0.000 min
Response: 59767901
Conc: 588.60 ng/ml



#16 AR-1242-1

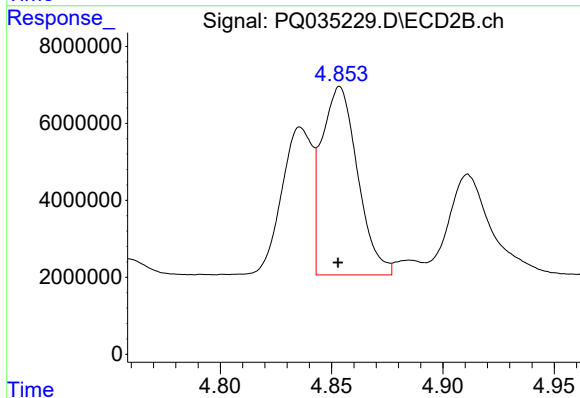
R.T.: 4.836 min
Delta R.T.: 0.000 min
Response: 36607116
Conc: 588.34 ng/ml



#17 AR-1242-2

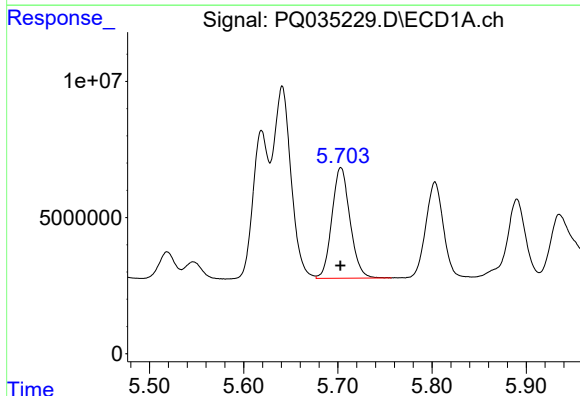
R.T.: 5.641 min
Delta R.T.: 0.000 min
Response: 92018803
Conc: 587.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



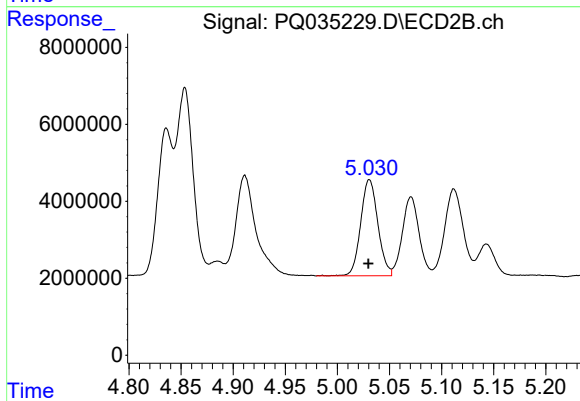
#17 AR-1242-2

R.T.: 4.854 min
Delta R.T.: 0.000 min
Response: 54891346
Conc: 585.91 ng/ml



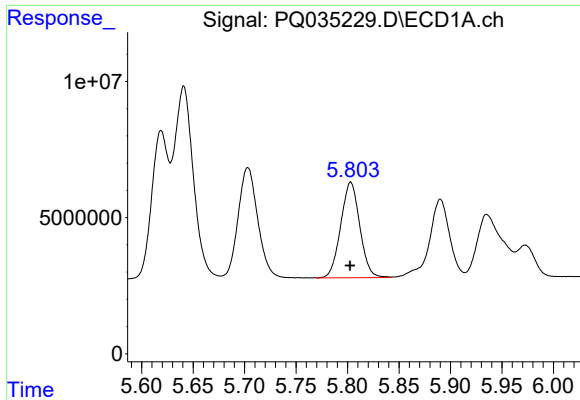
#18 AR-1242-3

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 54256735
Conc: 586.63 ng/ml



#18 AR-1242-3

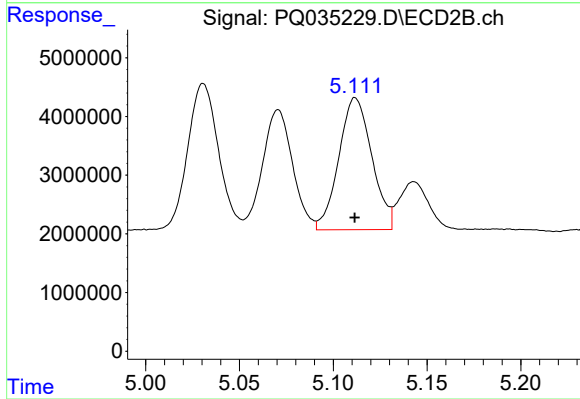
R.T.: 5.031 min
Delta R.T.: 0.000 min
Response: 28678206
Conc: 582.18 ng/ml



#19 AR-1242-4

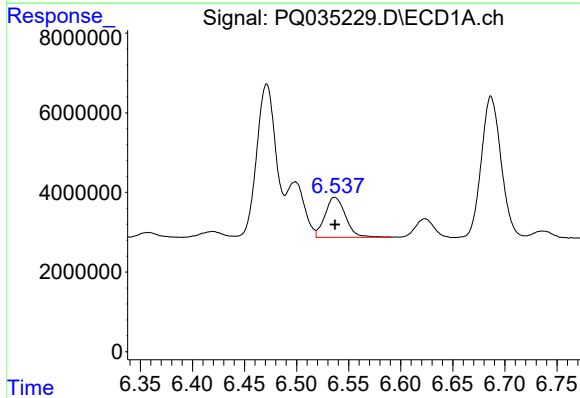
R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 45299295
Conc: 586.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



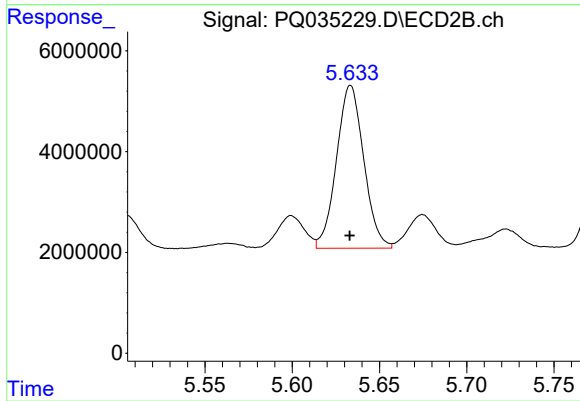
#19 AR-1242-4

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 27587435
Conc: 575.94 ng/ml



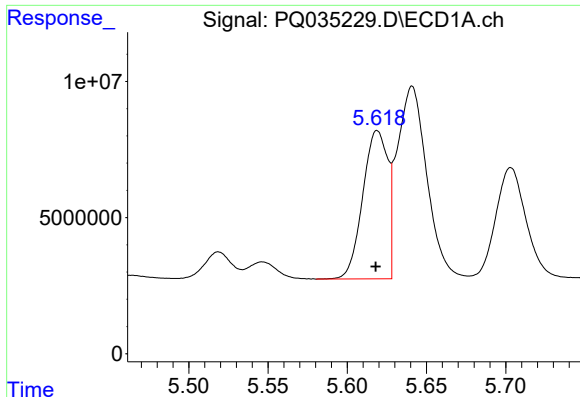
#20 AR-1242-5

R.T.: 6.537 min
Delta R.T.: 0.000 min
Response: 13747400
Conc: 156.23 ng/ml



#20 AR-1242-5

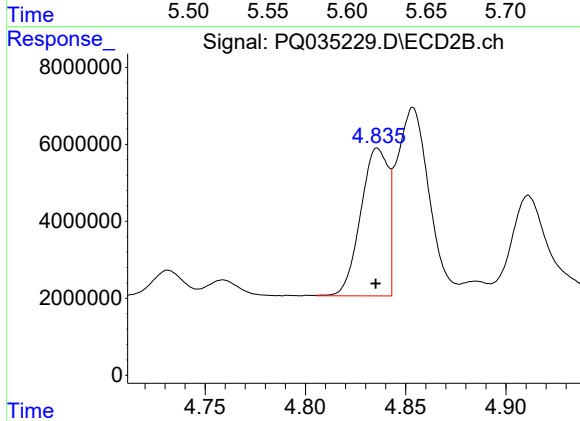
R.T.: 5.633 min
Delta R.T.: 0.000 min
Response: 35153872
Conc: 524.02 ng/ml



#21 AR-1248-1

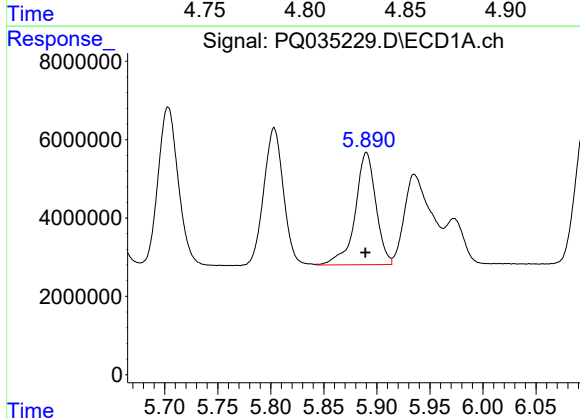
R.T.: 5.619 min
Delta R.T.: 0.000 min
Response: 59767901
Conc: 823.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



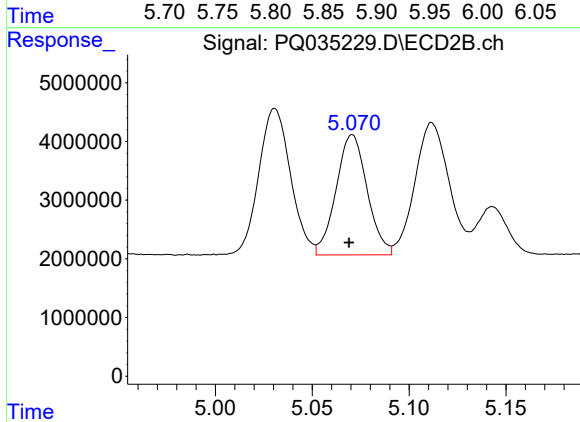
#21 AR-1248-1

R.T.: 4.836 min
Delta R.T.: 0.001 min
Response: 36607116
Conc: 797.89 ng/ml



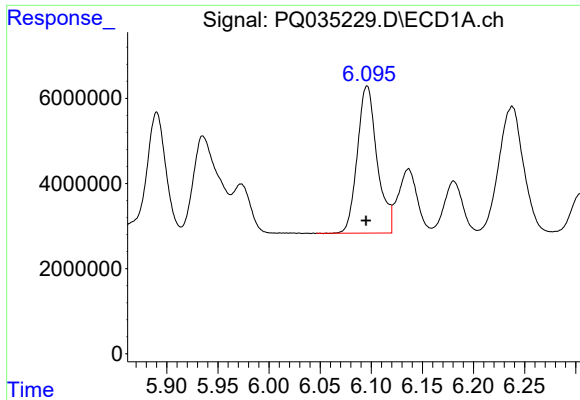
#22 AR-1248-2

R.T.: 5.890 min
Delta R.T.: 0.001 min
Response: 38979600
Conc: 361.00 ng/ml



#22 AR-1248-2

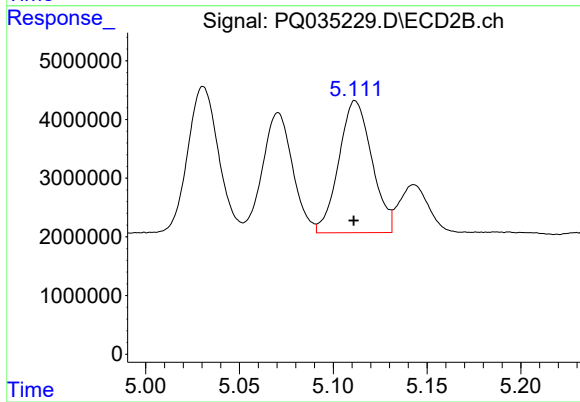
R.T.: 5.071 min
Delta R.T.: 0.002 min
Response: 22868508
Conc: 358.02 ng/ml



#23 AR-1248-3

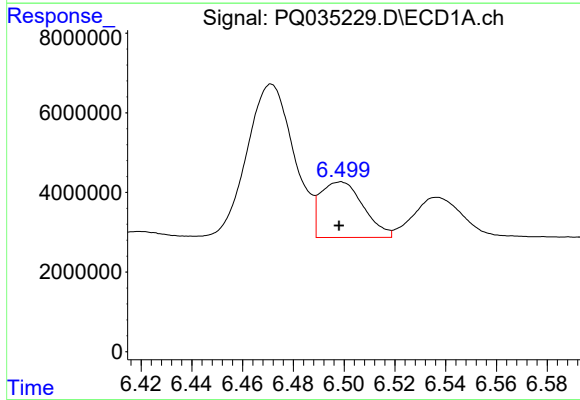
R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 46629272
Conc: 368.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



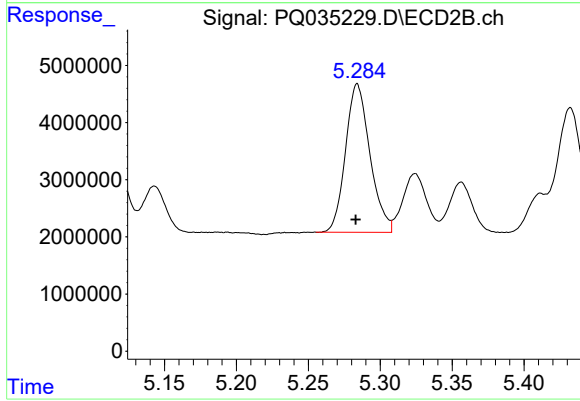
#23 AR-1248-3

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 27587435
Conc: 419.85 ng/ml



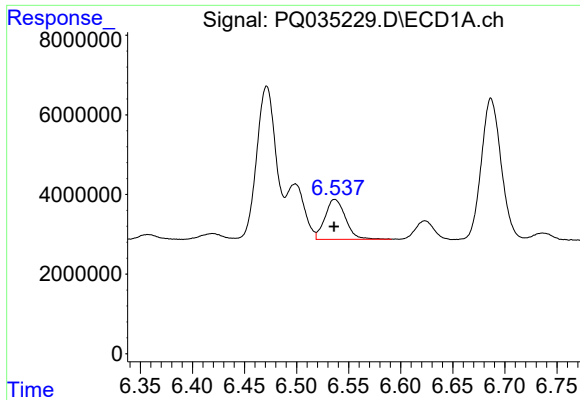
#24 AR-1248-4

R.T.: 6.499 min
Delta R.T.: 0.000 min
Response: 16410735
Conc: 111.14 ng/ml



#24 AR-1248-4

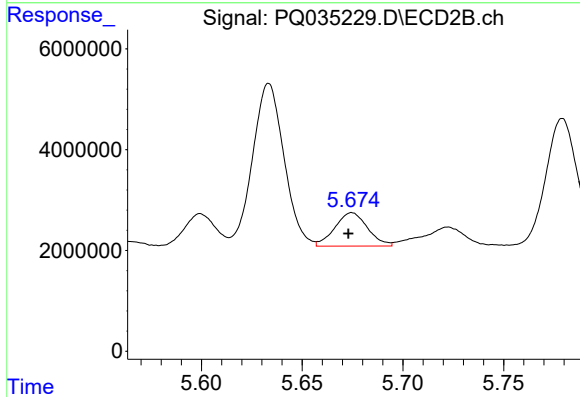
R.T.: 5.284 min
Delta R.T.: 0.001 min
Response: 30785267
Conc: 369.72 ng/ml



#25 AR-1248-5

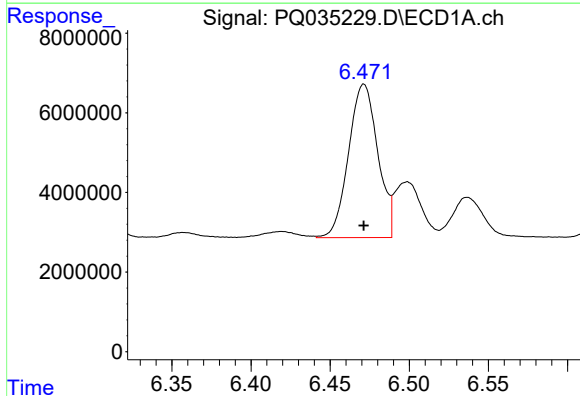
R.T.: 6.537 min
Delta R.T.: 0.000 min
Response: 13747400
Conc: 97.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



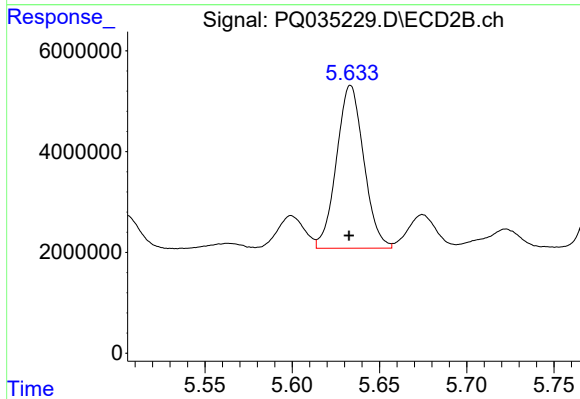
#25 AR-1248-5

R.T.: 5.675 min
Delta R.T.: 0.002 min
Response: 7485545
Conc: 86.43 ng/ml



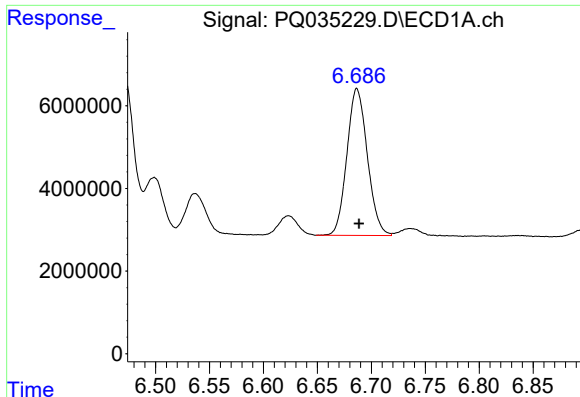
#26 AR-1254-1

R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 49553594
Conc: 328.85 ng/ml



#26 AR-1254-1

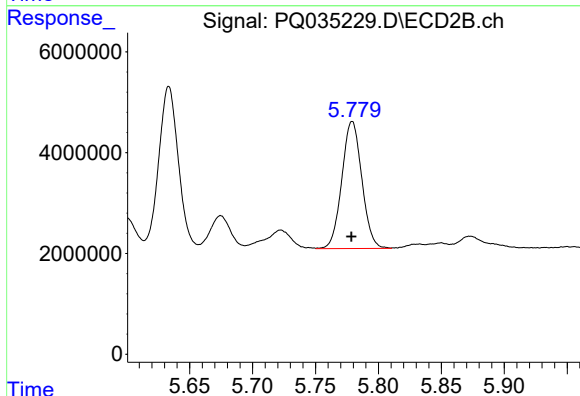
R.T.: 5.633 min
Delta R.T.: 0.000 min
Response: 35153872
Conc: 259.61 ng/ml



#27 AR-1254-2

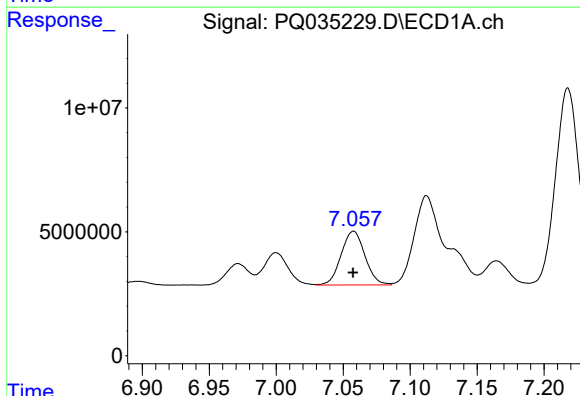
R.T.: 6.687 min
Delta R.T.: -0.002 min
Response: 46976684
Conc: 197.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



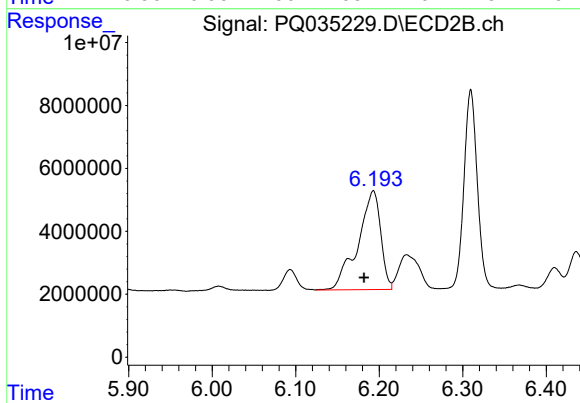
#27 AR-1254-2

R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 27960132
Conc: 235.90 ng/ml



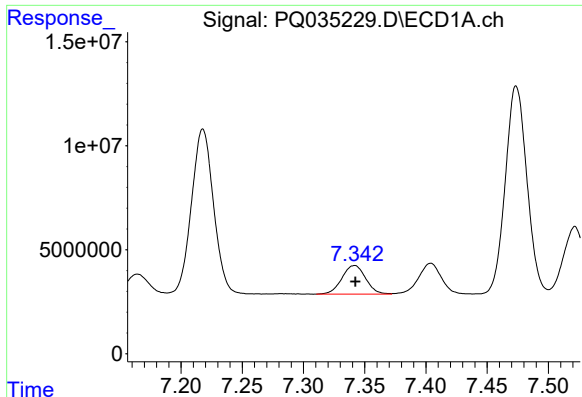
#28 AR-1254-3

R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 26880606
Conc: 100.65 ng/ml



#28 AR-1254-3

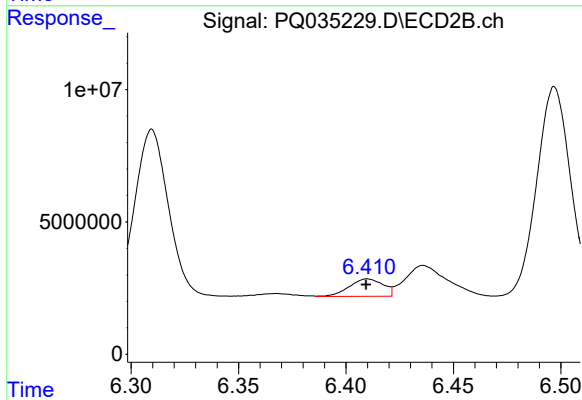
R.T.: 6.193 min
Delta R.T.: 0.011 min
Response: 59559591
Conc: 289.93 ng/ml



#29 AR-1254-4

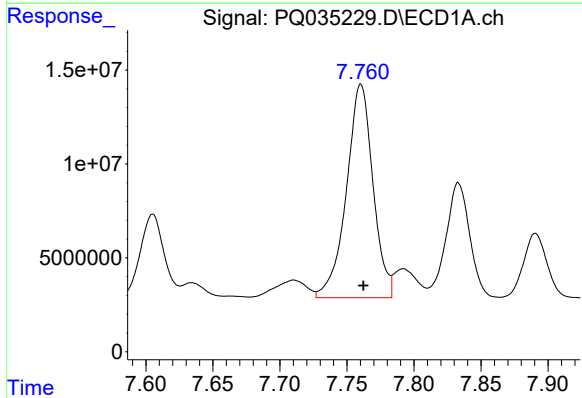
R.T.: 7.342 min
Delta R.T.: 0.000 min
Response: 18500835
Conc: 94.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



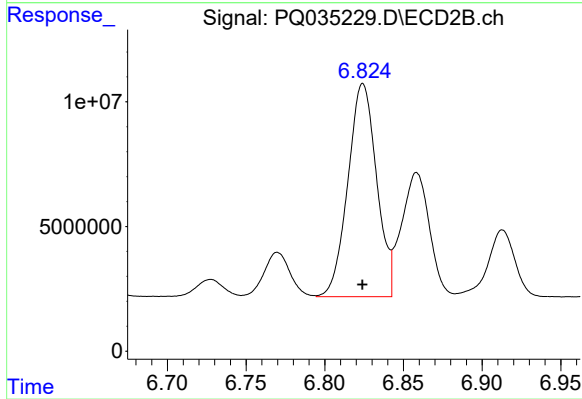
#29 AR-1254-4

R.T.: 6.410 min
Delta R.T.: 0.000 min
Response: 7210938
Conc: 54.63 ng/ml



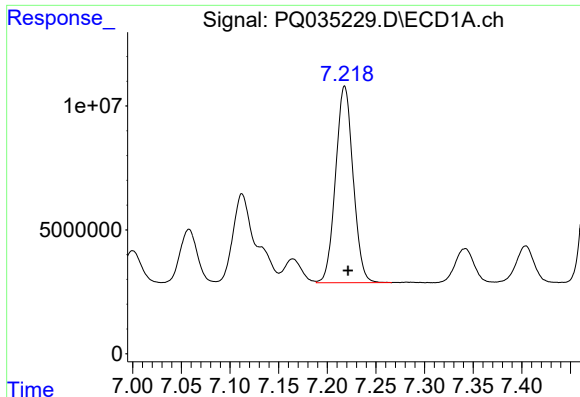
#30 AR-1254-5

R.T.: 7.760 min
Delta R.T.: -0.002 min
Response: 156857371
Conc: 729.68 ng/ml



#30 AR-1254-5

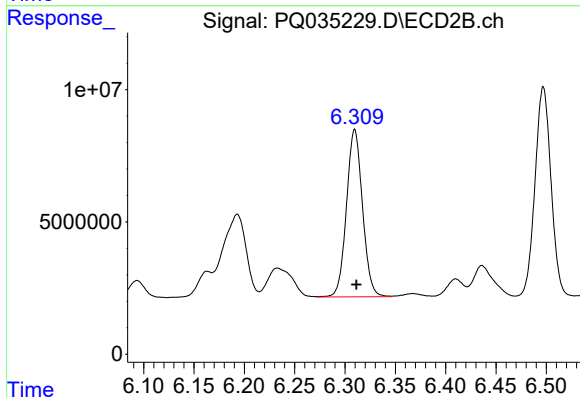
R.T.: 6.824 min
Delta R.T.: 0.000 min
Response: 108556438
Conc: 593.48 ng/ml



#31 AR-1260-1

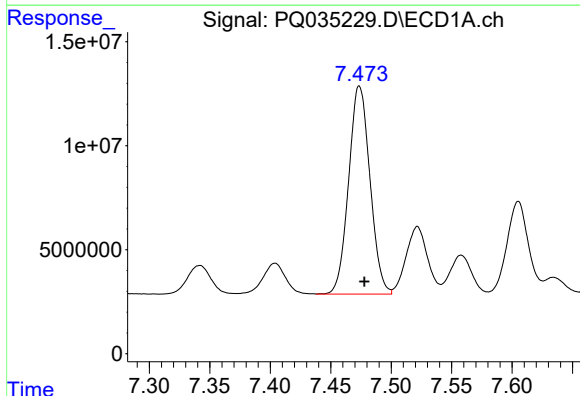
R.T.: 7.218 min
Delta R.T.: -0.004 min
Response: 99655808
Conc: 438.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



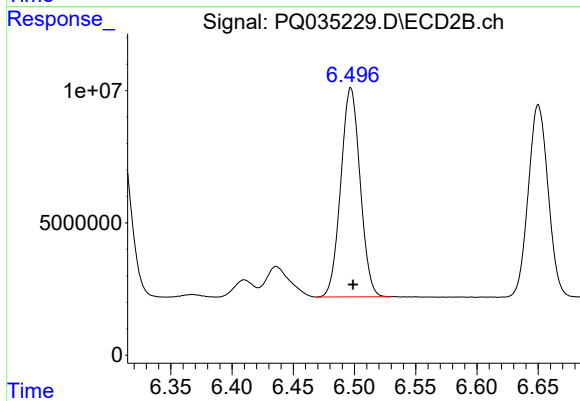
#31 AR-1260-1

R.T.: 6.310 min
Delta R.T.: -0.002 min
Response: 70071309
Conc: 464.29 ng/ml



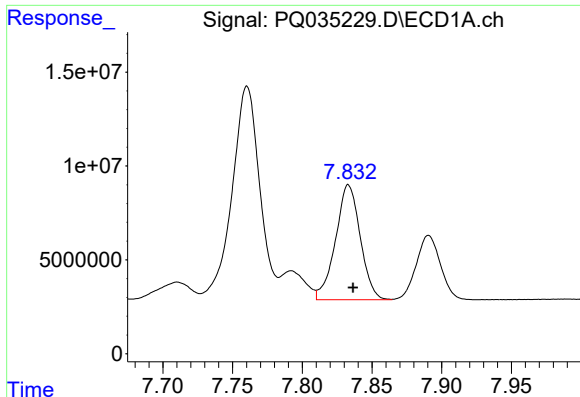
#32 AR-1260-2

R.T.: 7.474 min
Delta R.T.: -0.004 min
Response: 122928403
Conc: 448.46 ng/ml



#32 AR-1260-2

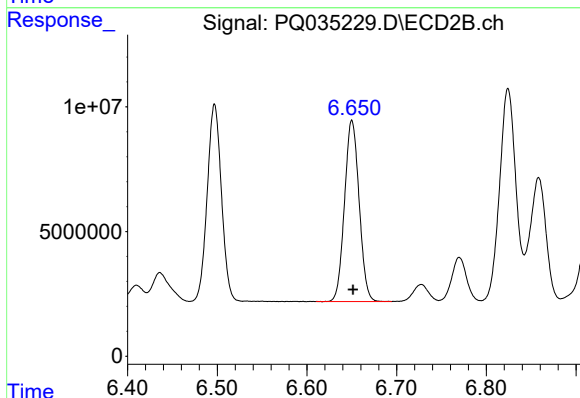
R.T.: 6.497 min
Delta R.T.: -0.002 min
Response: 86948141
Conc: 458.24 ng/ml



#33 AR-1260-3

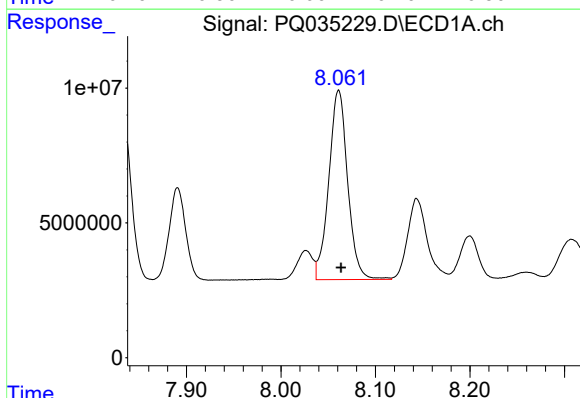
R.T.: 7.833 min
Delta R.T.: -0.003 min
Response: 75699159
Conc: 457.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



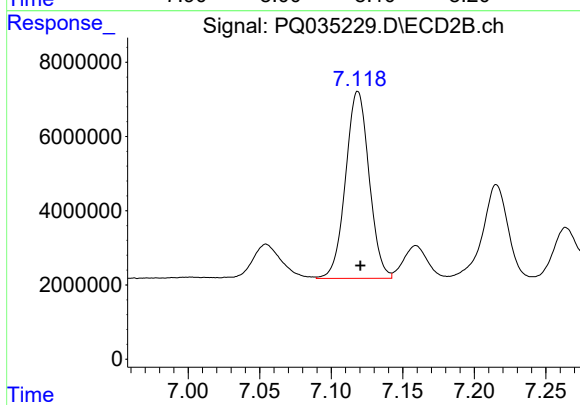
#33 AR-1260-3

R.T.: 6.650 min
Delta R.T.: -0.001 min
Response: 82074157
Conc: 468.62 ng/ml



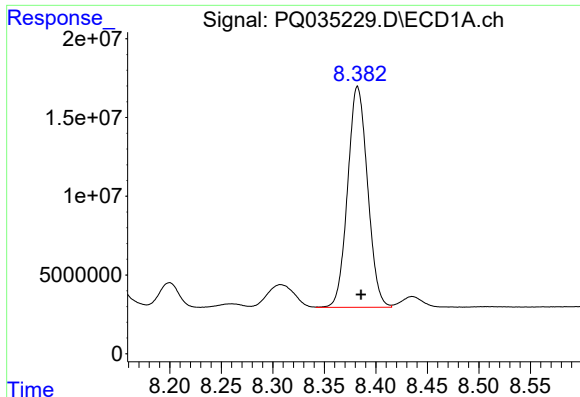
#34 AR-1260-4

R.T.: 8.061 min
Delta R.T.: -0.003 min
Response: 97270627
Conc: 461.54 ng/ml



#34 AR-1260-4

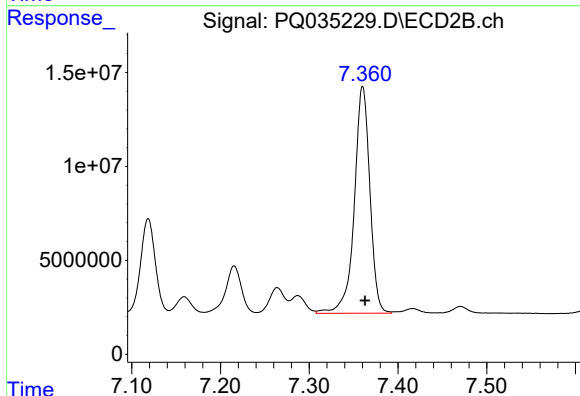
R.T.: 7.119 min
Delta R.T.: -0.002 min
Response: 57682679
Conc: 483.27 ng/ml



#35 AR-1260-5

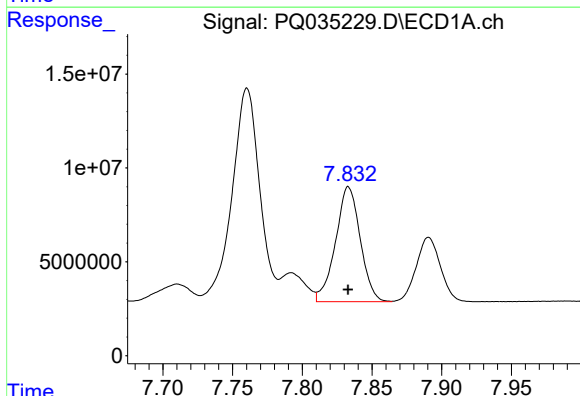
R.T.: 8.382 min
Delta R.T.: -0.004 min
Response: 189015616
Conc: 465.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



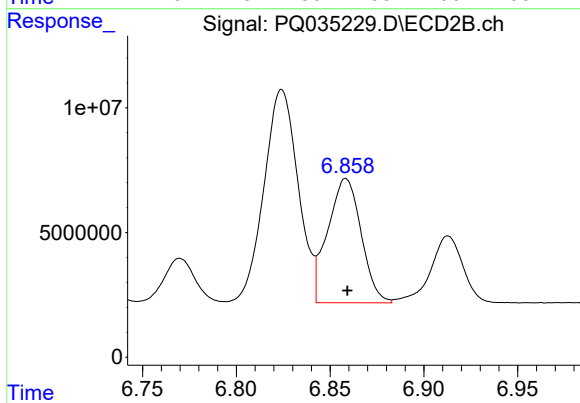
#35 AR-1260-5

R.T.: 7.360 min
Delta R.T.: -0.003 min
Response: 147460623
Conc: 490.05 ng/ml



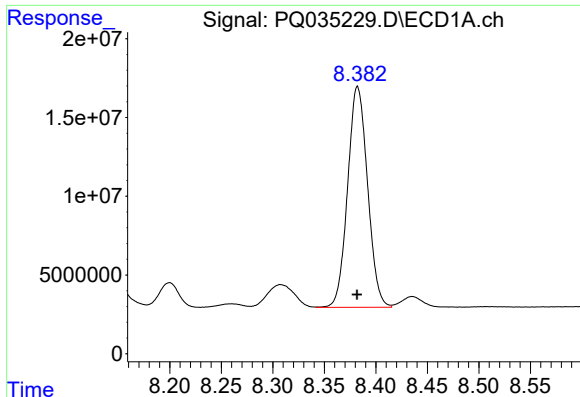
#36 AR-1262-1

R.T.: 7.833 min
Delta R.T.: 0.000 min
Response: 75699159
Conc: 301.69 ng/ml



#36 AR-1262-1

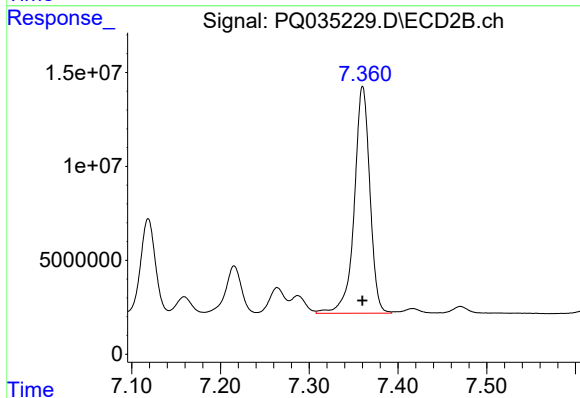
R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 61864501
Conc: 341.16 ng/ml



#37 AR-1262-2

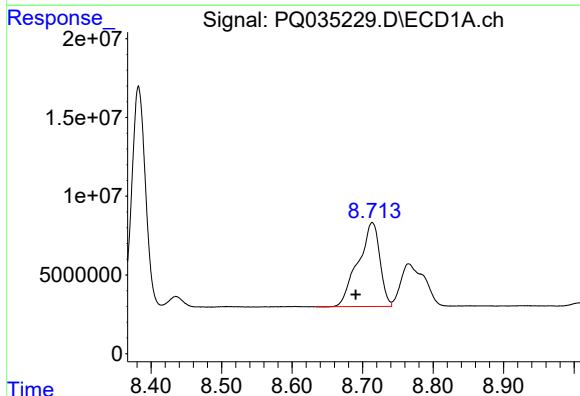
R.T.: 8.382 min
Delta R.T.: 0.000 min
Response: 189015616
Conc: 405.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



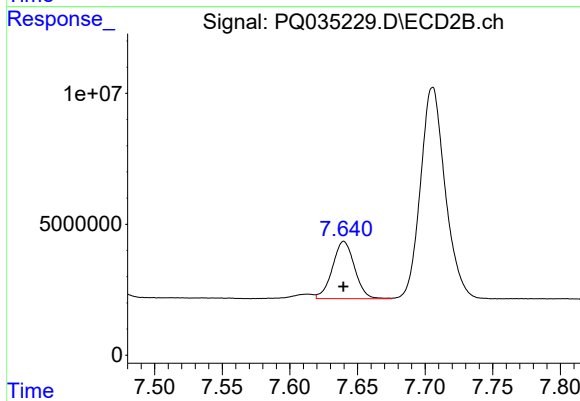
#37 AR-1262-2

R.T.: 7.360 min
Delta R.T.: 0.000 min
Response: 147460623
Conc: 437.04 ng/ml



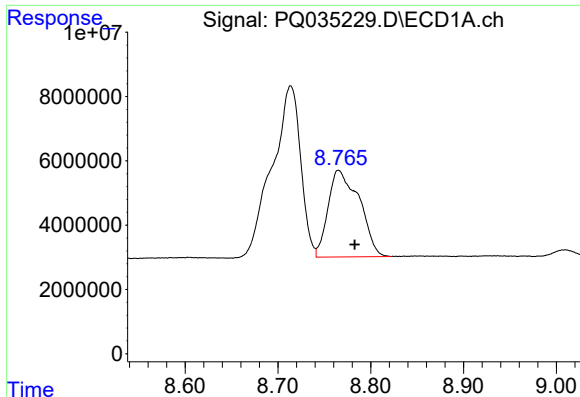
#38 AR-1262-3

R.T.: 8.714 min
Delta R.T.: 0.024 min
Response: 114227605
Conc: 384.72 ng/ml



#38 AR-1262-3

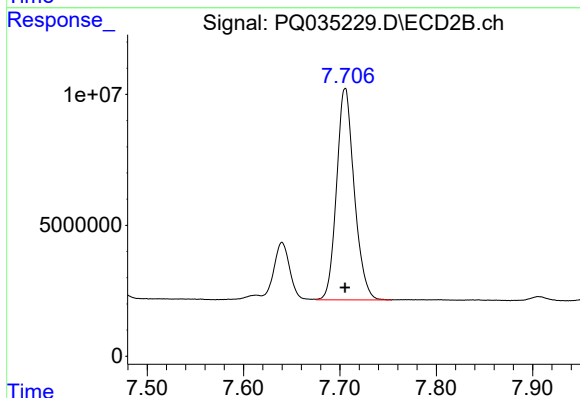
R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 24906185
Conc: 199.90 ng/ml



#39 AR-1262-4

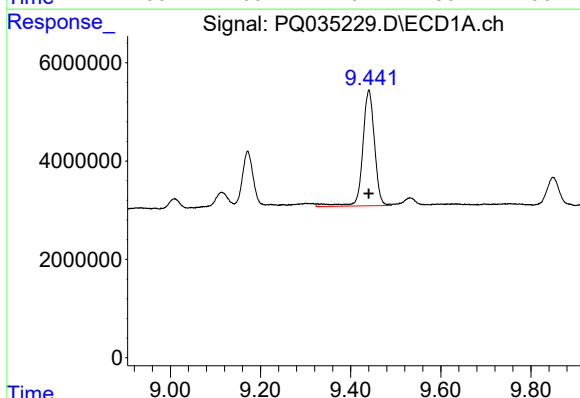
R.T.: 8.765 min
Delta R.T.: -0.017 min
Response: 62878642
Conc: 501.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



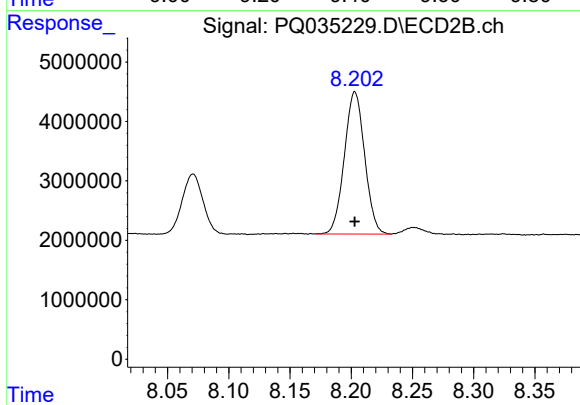
#39 AR-1262-4

R.T.: 7.706 min
Delta R.T.: 0.000 min
Response: 102714724
Conc: 427.17 ng/ml



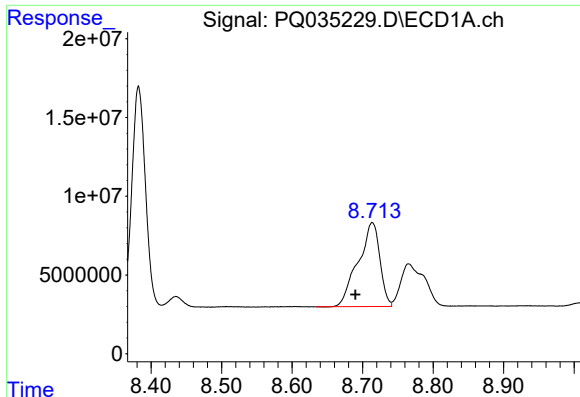
#40 AR-1262-5

R.T.: 9.441 min
Delta R.T.: 0.000 min
Response: 42800889
Conc: 285.44 ng/ml



#40 AR-1262-5

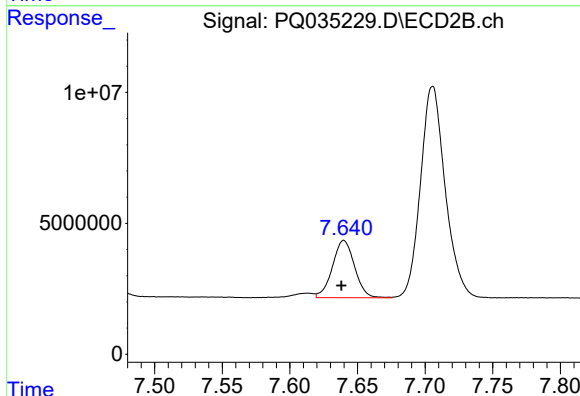
R.T.: 8.203 min
Delta R.T.: 0.000 min
Response: 27647128
Conc: 264.93 ng/ml



#41 AR-1268-1

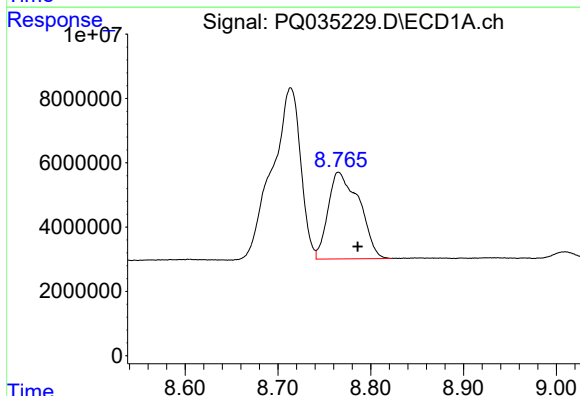
R.T.: 8.714 min
Delta R.T.: 0.024 min
Response: 114227605
Conc: 187.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



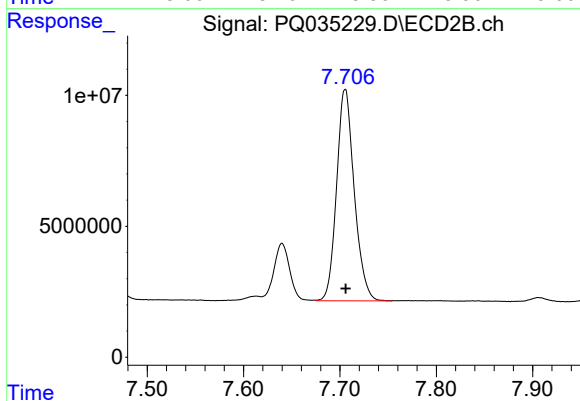
#41 AR-1268-1

R.T.: 7.640 min
Delta R.T.: 0.002 min
Response: 24906185
Conc: 57.59 ng/ml



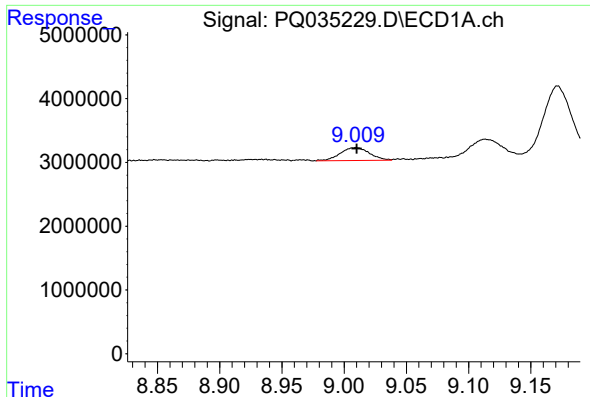
#42 AR-1268-2

R.T.: 8.765 min
Delta R.T.: -0.021 min
Response: 62878642
Conc: 113.42 ng/ml



#42 AR-1268-2

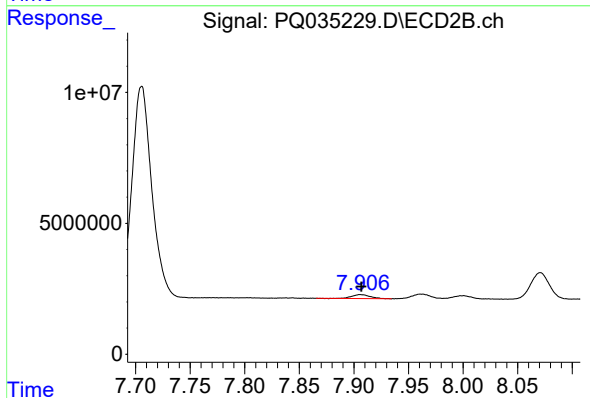
R.T.: 7.706 min
Delta R.T.: 0.000 min
Response: 102714724
Conc: 262.83 ng/ml



#43 AR-1268-3

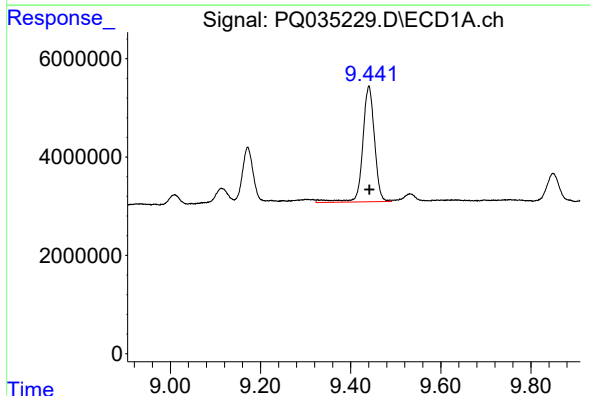
R.T.: 9.009 min
Delta R.T.: 0.000 min
Response: 3313623
Conc: 7.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



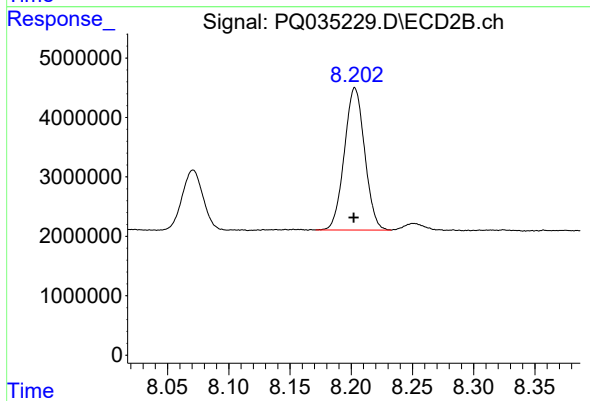
#43 AR-1268-3

R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 1794175
Conc: 5.63 ng/ml



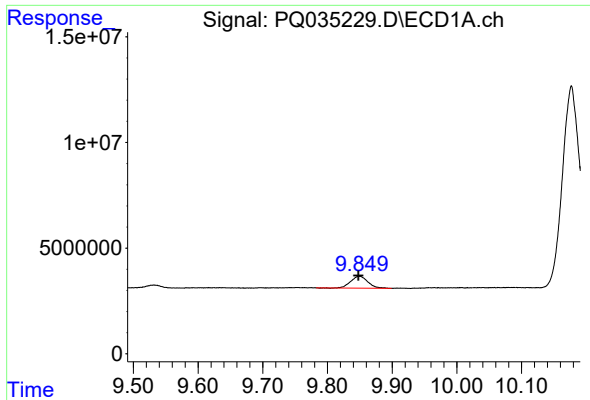
#44 AR-1268-4

R.T.: 9.441 min
Delta R.T.: -0.001 min
Response: 42800889
Conc: 231.19 ng/ml



#44 AR-1268-4

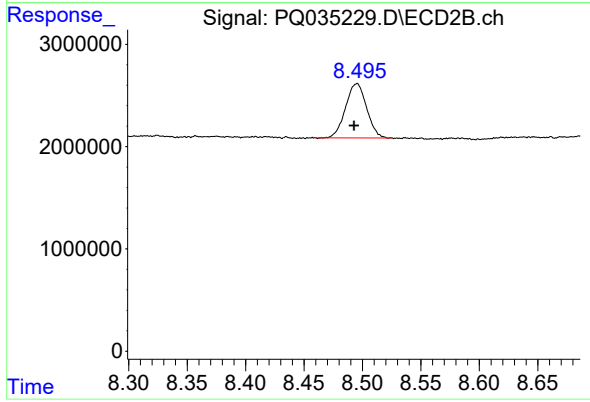
R.T.: 8.203 min
Delta R.T.: 0.001 min
Response: 27647128
Conc: 213.86 ng/ml



#45 AR-1268-5

R.T.: 9.849 min
Delta R.T.: 0.001 min
Response: 10373154
Conc: 6.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.495 min
Delta R.T.: 0.002 min
Response: 6636711
Conc: 6.70 ng/ml