

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111423\
 Data File : PQ064073.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2023 14:05
 Operator : YP\AJ
 Sample : 05246-07MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 19:57:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 08 18:43:53 2023
 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...	3.459	2.777	85138336	78760534	19.974	21.416
2)	SA Decachlor...	8.693	7.573	48278931	70011174	14.953	14.942
Target Compounds							
3)	L1 AR-1016-1	4.575	3.786	64640931	64505711	469.059	512.039
4)	L1 AR-1016-2	4.594	3.802	106.8E6	90794503	505.770	501.128
5)	L1 AR-1016-3	4.652	3.963	66522534	50916083	499.499	522.485
6)	L1 AR-1016-4	4.744	4.012	47589336	36433504	452.635	431.846
7)	L1 AR-1016-5	5.035	4.208	60003650	59512369	566.371	595.058
8)	L2 AR-1221-1	3.647	2.979	21770623	8431079	402.327	163.610 #
9)	L2 AR-1221-2	3.743	3.058	8912772	8418303	243.986	241.438
10)	L2 AR-1221-3	3.813	3.126	39734151	45948529	334.585	416.566
11)	L3 AR-1232-1	3.813	3.126	39734151	45948529	424.815	530.650
12)	L3 AR-1232-2	4.313	3.802	60418327	90794503	1150.452	1141.473
13)	L3 AR-1232-3	4.594	3.963	106.8E6	50916083	1187.699	1229.878
14)	L3 AR-1232-4	4.744	4.049	47589336	48832455	1088.373	1344.632
15)	L3 AR-1232-5	4.843	4.208	40817455	59512369	1220.608	1416.375
16)	L4 AR-1242-1	4.575	3.786	64640931	64505711	573.647	627.080
17)	L4 AR-1242-2	4.594	3.802	106.8E6	90794503	631.726	615.257
18)	L4 AR-1242-3	4.652	3.963	66522534	50916083	630.272	640.008
19)	L4 AR-1242-4	4.744	4.049	47589336	48832455	560.880	643.499
20)	L4 AR-1242-5	5.467	4.545	9096379	65296078	102.875	649.105 #
21)	L5 AR-1248-1	4.575	3.786	64640931	64505711	776.415	827.271
22)	L5 AR-1248-2	4.843	4.012	40817455	36433504	336.302	307.346
23)	L5 AR-1248-3	5.035	4.049	60003650	48832455	414.410	433.438
24)	L5 AR-1248-4	5.431	4.208	11150619	59512369	71.951	432.320 #
25)	L5 AR-1248-5	5.467	4.583	9096379	23598944	59.490	175.760 #
26)	L6 AR-1254-1	5.404	4.545	54377667	65296078	346.465	335.948
27)	L6 AR-1254-2	5.618	4.693	41264401	53640943	173.997	307.919 #
28)	L6 AR-1254-3	5.980	5.079	47110106	27622522	190.005	103.196 #
29)	L6 AR-1254-4	6.264	5.306	10402371	17820402	57.401	101.581 #
30)	L6 AR-1254-5	6.681	5.714	140.4E6	220.4E6	703.901	864.600
31)	L7 AR-1260-1	6.145	5.208	91169385	114.6E6	445.322	579.468 #
32)	L7 AR-1260-2	6.402	5.398	212.9E6	140.7E6	881.466	589.537 #
33)	L7 AR-1260-3	6.762	5.540	73789964	114.8E6	458.461	508.307
34)	L7 AR-1260-4	6.981	6.004	90256067	81916889	489.217	476.091
35)	L7 AR-1260-5	7.294	6.251	172.6E6	164.3E6	485.709	411.716
36)	L8 AR-1262-1	6.762	5.806	73789964	43506877	282.357	397.398 #
37)	L8 AR-1262-2	7.294	6.004	172.6E6	81916889	405.831	331.622
38)	L8 AR-1262-3	7.574	6.530	102.0E6	36895824	355.978	182.120 #
39)	L8 AR-1262-4	7.645	6.587	21924584	114.5E6	95.549	307.341 #
40)	L8 AR-1262-5	8.153	7.086	37446982	47876578	262.884	264.792
41)	L9 AR-1268-1	7.574	6.530	102.0E6	36895824	206.259	64.304 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111423\
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 Acq On : 14 Nov 2023 14:05
 Operator : YP\AJ
 Sample : 05246-07MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

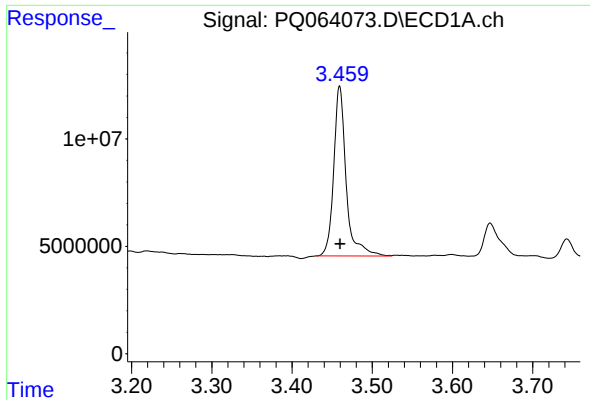
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 19:57:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110823.M
 Quant Title : GC EXTRACTABLES
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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	7.645	6.587	21924584	114.5E6	48.958	220.618 #
43) L9	AR-1268-3	7.829	6.795	6836793	6312741	17.524	13.615
44) L9	AR-1268-4	8.153	7.086	37446982	47876578	239.533	245.112
45) L9	AR-1268-5	8.454	7.356	12446828	19306431	11.039	12.615

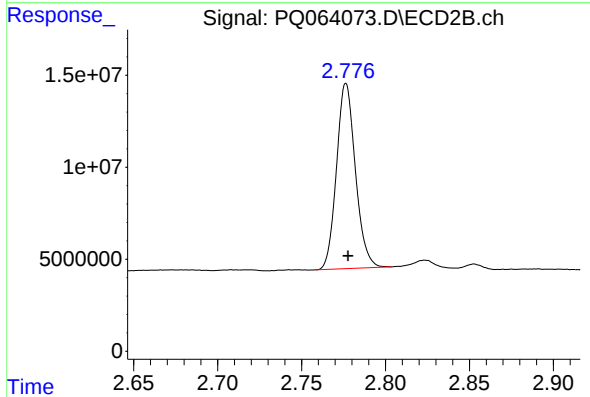
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

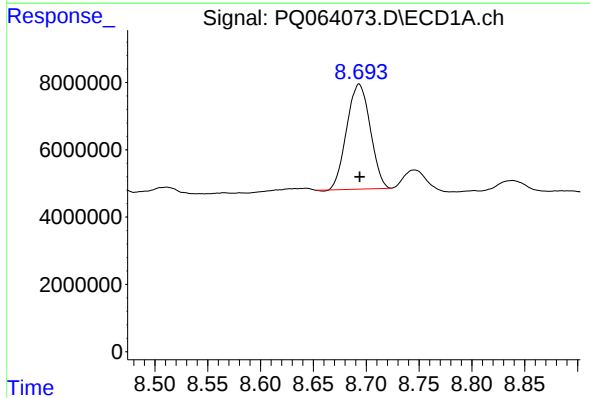
R.T.: 3.459 min
Delta R.T.: 0.000 min
Response: 85138336
Conc: 19.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



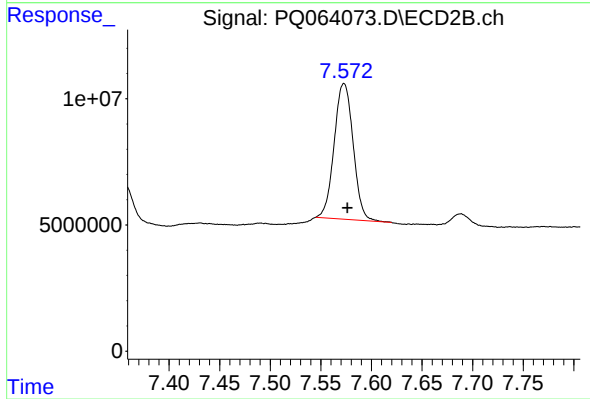
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: -0.001 min
Response: 78760534
Conc: 21.42 ng/ml



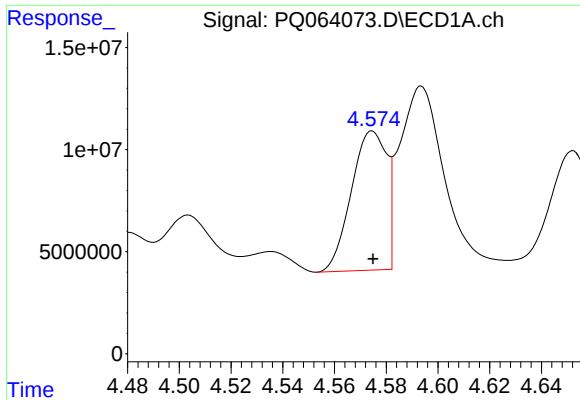
#2 Decachlorobiphenyl

R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 48278931
Conc: 14.95 ng/ml



#2 Decachlorobiphenyl

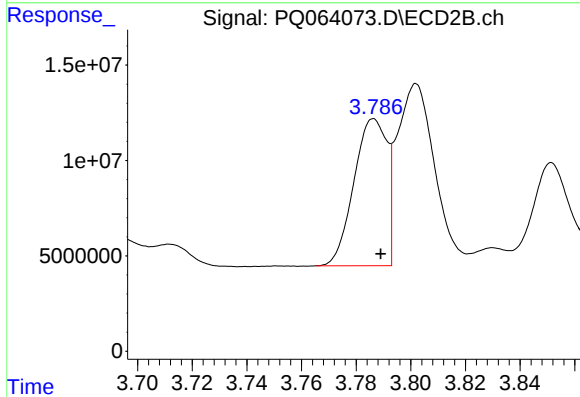
R.T.: 7.573 min
Delta R.T.: -0.003 min
Response: 70011174
Conc: 14.94 ng/ml



#3 AR-1016-1

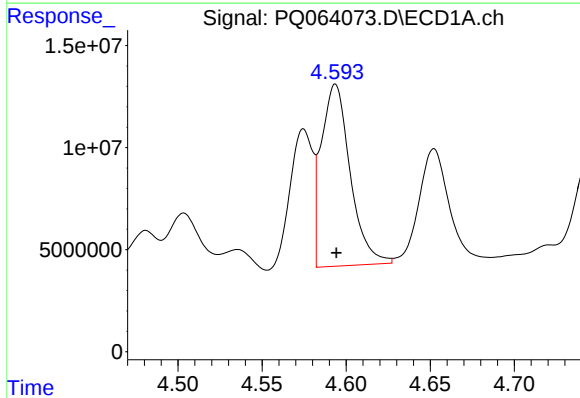
R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 64640931
Conc: 469.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



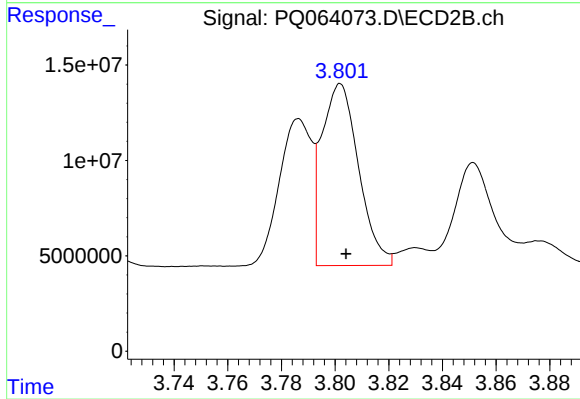
#3 AR-1016-1

R.T.: 3.786 min
Delta R.T.: -0.003 min
Response: 64505711
Conc: 512.04 ng/ml



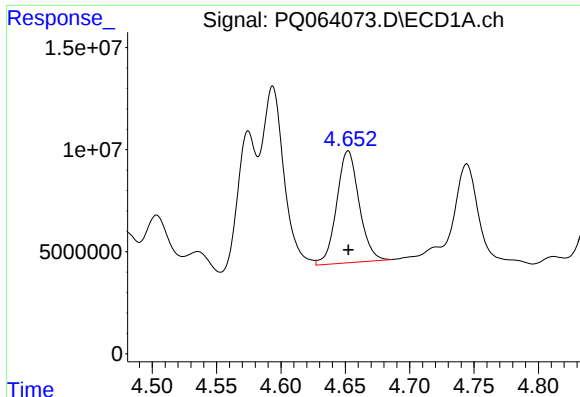
#4 AR-1016-2

R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 106824780
Conc: 505.77 ng/ml



#4 AR-1016-2

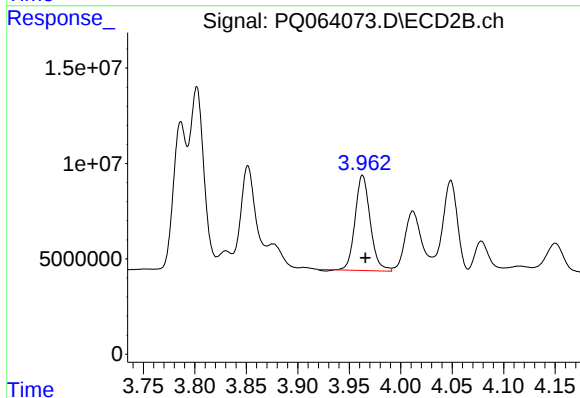
R.T.: 3.802 min
Delta R.T.: -0.002 min
Response: 90794503
Conc: 501.13 ng/ml



#5 AR-1016-3

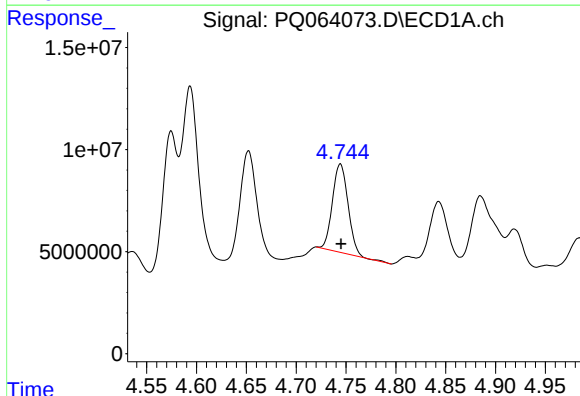
R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 66522534
Conc: 499.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



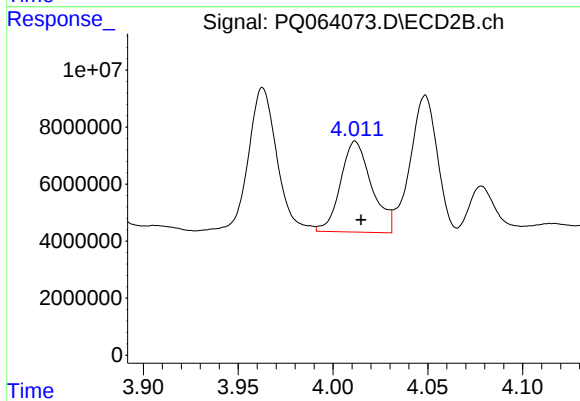
#5 AR-1016-3

R.T.: 3.963 min
Delta R.T.: -0.003 min
Response: 50916083
Conc: 522.48 ng/ml



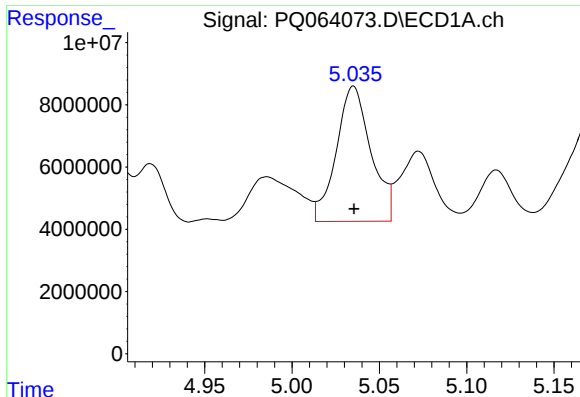
#6 AR-1016-4

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 47589336
Conc: 452.64 ng/ml



#6 AR-1016-4

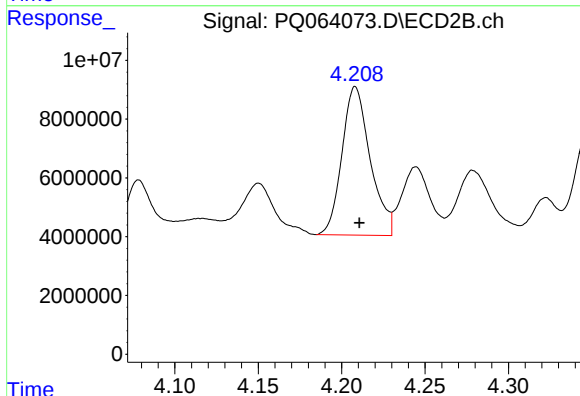
R.T.: 4.012 min
Delta R.T.: -0.003 min
Response: 36433504
Conc: 431.85 ng/ml



#7 AR-1016-5

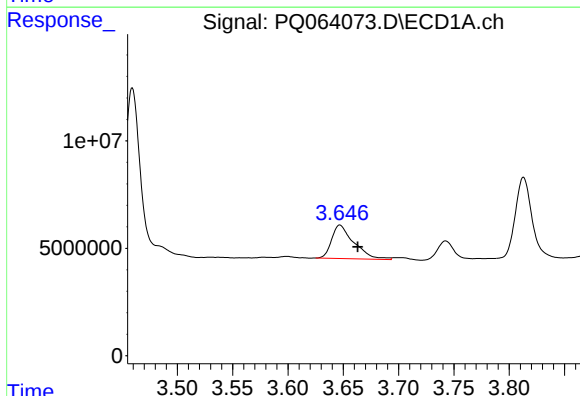
R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 60003650
Conc: 566.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



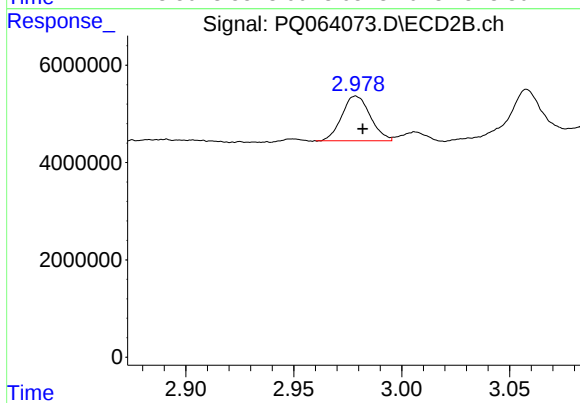
#7 AR-1016-5

R.T.: 4.208 min
Delta R.T.: -0.002 min
Response: 59512369
Conc: 595.06 ng/ml



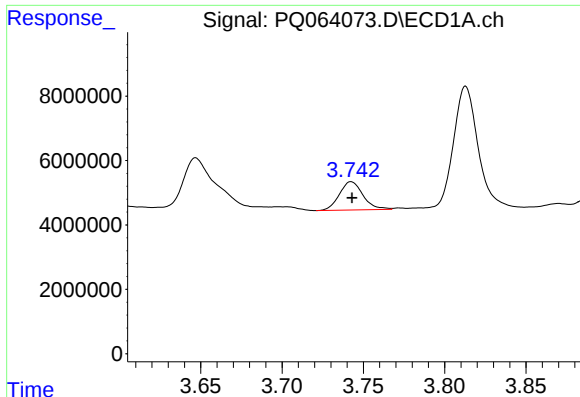
#8 AR-1221-1

R.T.: 3.647 min
Delta R.T.: -0.016 min
Response: 21770623
Conc: 402.33 ng/ml



#8 AR-1221-1

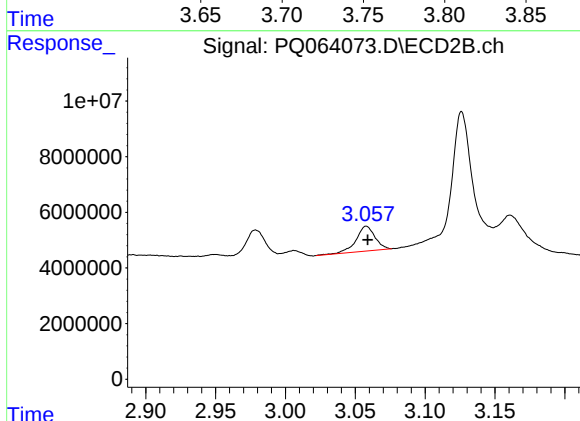
R.T.: 2.979 min
Delta R.T.: -0.003 min
Response: 8431079
Conc: 163.61 ng/ml



#9 AR-1221-2

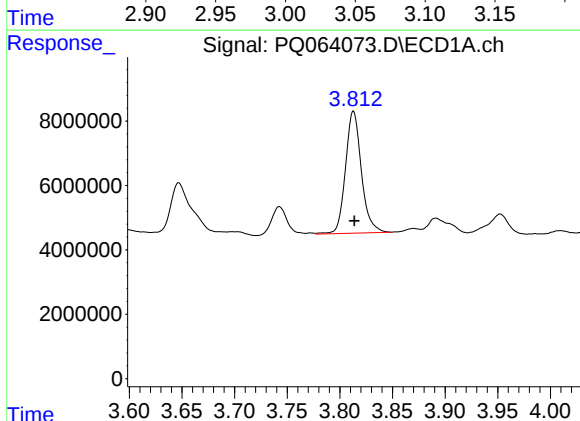
R.T.: 3.743 min
Delta R.T.: 0.000 min
Response: 8912772
Conc: 243.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



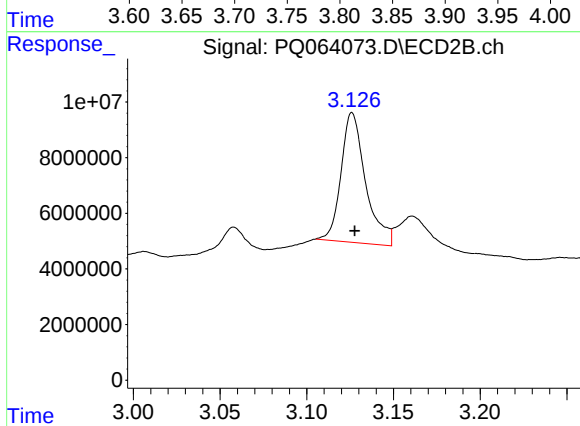
#9 AR-1221-2

R.T.: 3.058 min
Delta R.T.: 0.000 min
Response: 8418303
Conc: 241.44 ng/ml



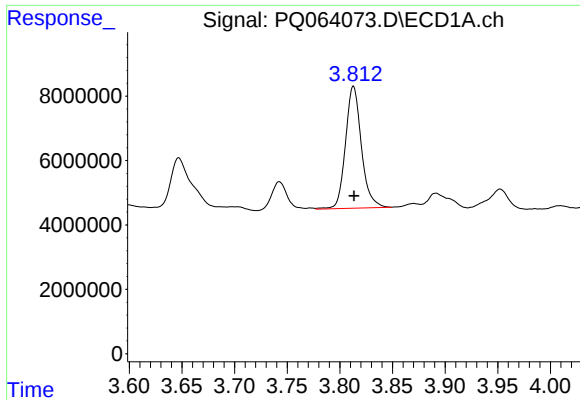
#10 AR-1221-3

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 39734151
Conc: 334.59 ng/ml



#10 AR-1221-3

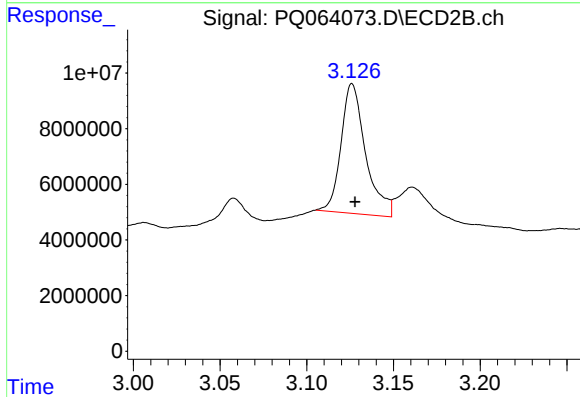
R.T.: 3.126 min
Delta R.T.: -0.002 min
Response: 45948529
Conc: 416.57 ng/ml



#11 AR-1232-1

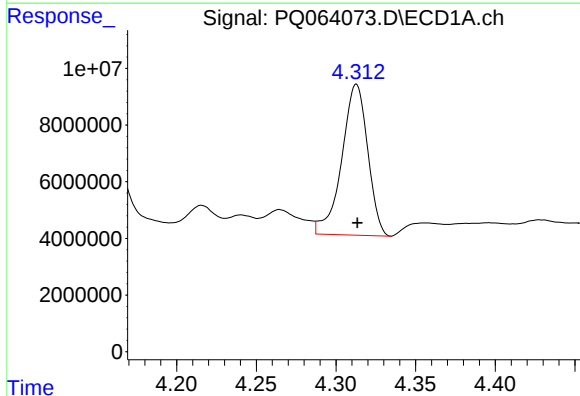
R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 39734151
Conc: 424.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



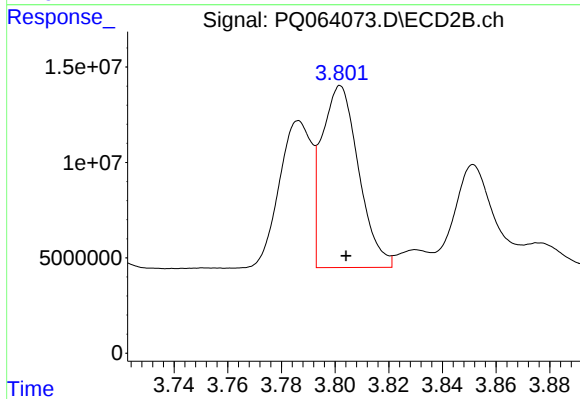
#11 AR-1232-1

R.T.: 3.126 min
Delta R.T.: -0.002 min
Response: 45948529
Conc: 530.65 ng/ml



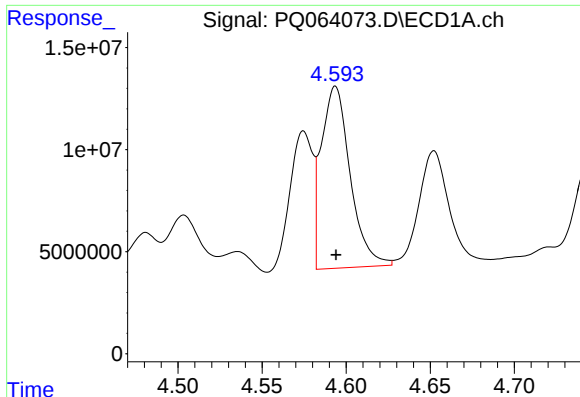
#12 AR-1232-2

R.T.: 4.313 min
Delta R.T.: 0.000 min
Response: 60418327
Conc: 1150.45 ng/ml



#12 AR-1232-2

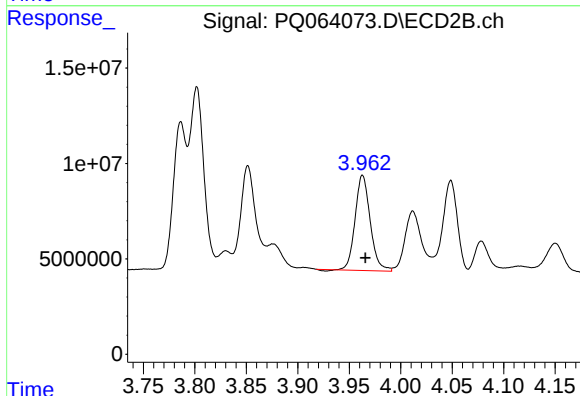
R.T.: 3.802 min
Delta R.T.: -0.002 min
Response: 90794503
Conc: 1141.47 ng/ml



#13 AR-1232-3

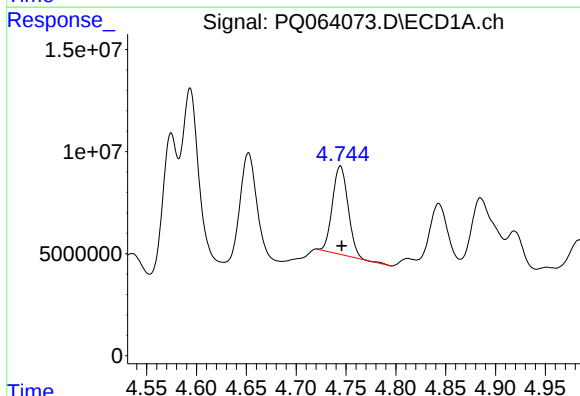
R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 106824780
Conc: 1187.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



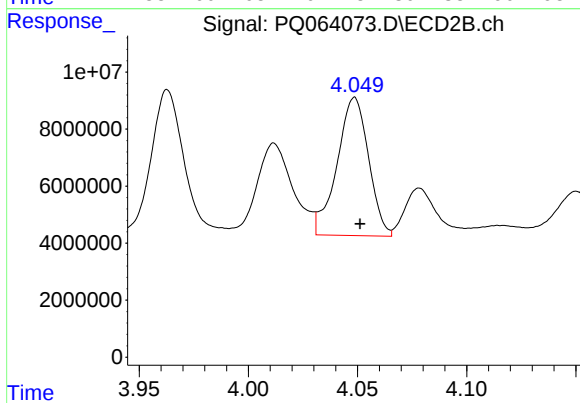
#13 AR-1232-3

R.T.: 3.963 min
Delta R.T.: -0.003 min
Response: 50916083
Conc: 1229.88 ng/ml



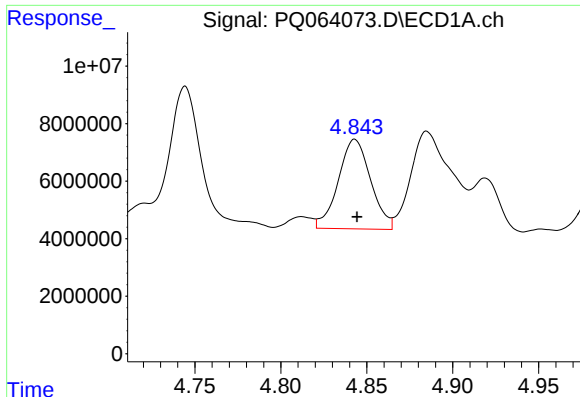
#14 AR-1232-4

R.T.: 4.744 min
Delta R.T.: -0.002 min
Response: 47589336
Conc: 1088.37 ng/ml



#14 AR-1232-4

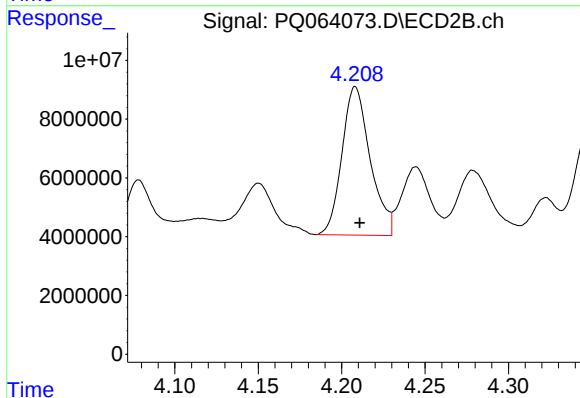
R.T.: 4.049 min
Delta R.T.: -0.002 min
Response: 48832455
Conc: 1344.63 ng/ml



#15 AR-1232-5

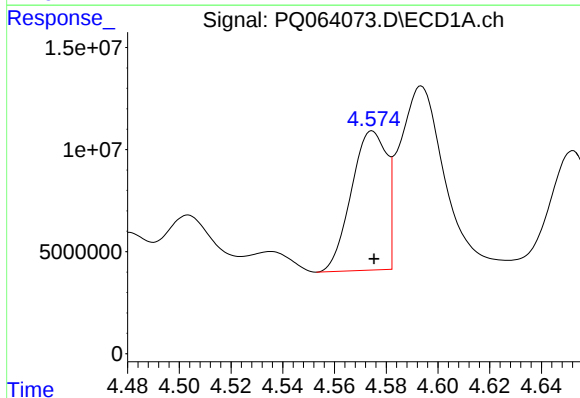
R.T.: 4.843 min
Delta R.T.: -0.001 min
Response: 40817455
Conc: 1220.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



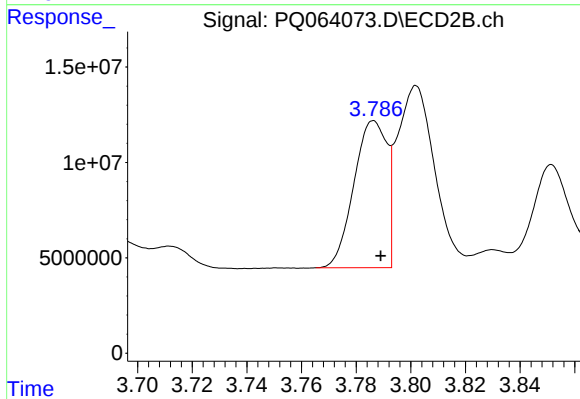
#15 AR-1232-5

R.T.: 4.208 min
Delta R.T.: -0.003 min
Response: 59512369
Conc: 1416.38 ng/ml



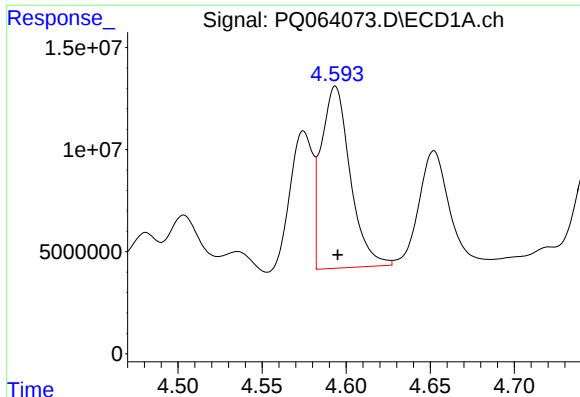
#16 AR-1242-1

R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 64640931
Conc: 573.65 ng/ml



#16 AR-1242-1

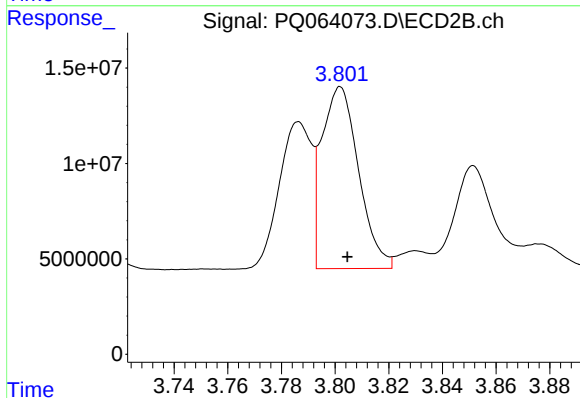
R.T.: 3.786 min
Delta R.T.: -0.003 min
Response: 64505711
Conc: 627.08 ng/ml



#17 AR-1242-2

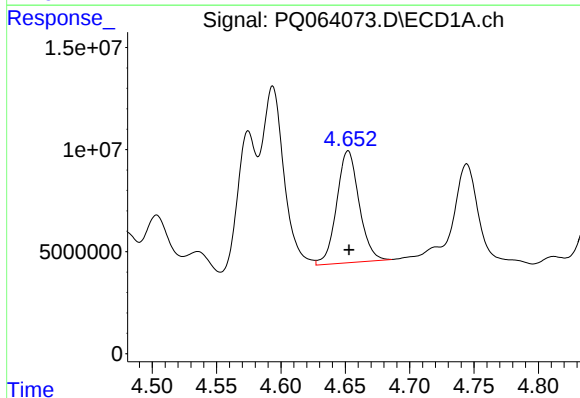
R.T.: 4.594 min
Delta R.T.: -0.001 min
Response: 106824780
Conc: 631.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



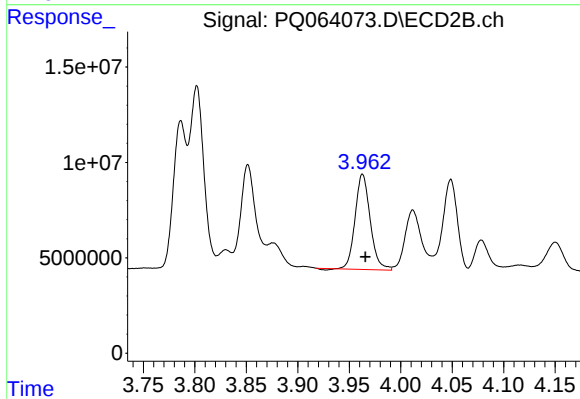
#17 AR-1242-2

R.T.: 3.802 min
Delta R.T.: -0.003 min
Response: 90794503
Conc: 615.26 ng/ml



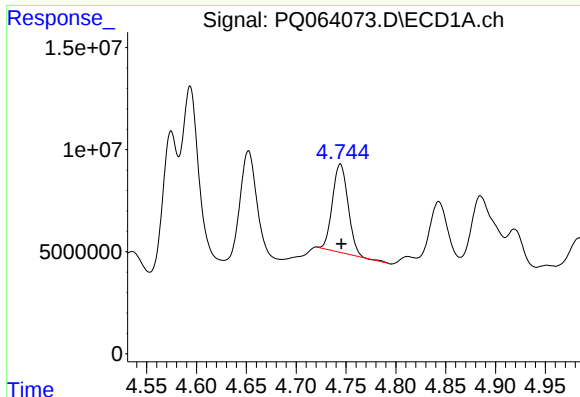
#18 AR-1242-3

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 66522534
Conc: 630.27 ng/ml



#18 AR-1242-3

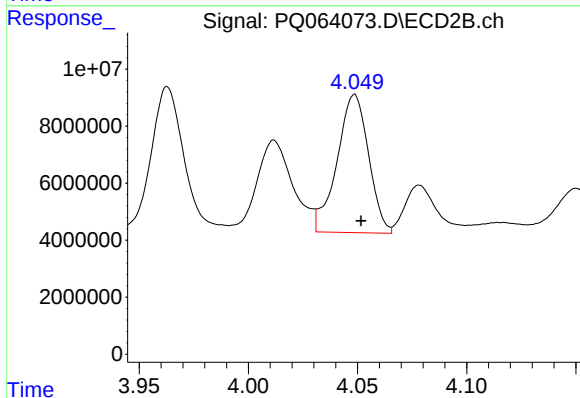
R.T.: 3.963 min
Delta R.T.: -0.003 min
Response: 50916083
Conc: 640.01 ng/ml



#19 AR-1242-4

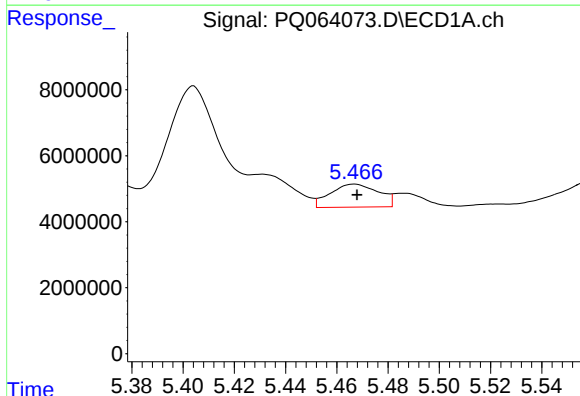
R.T.: 4.744 min
Delta R.T.: -0.001 min
Response: 47589336
Conc: 560.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



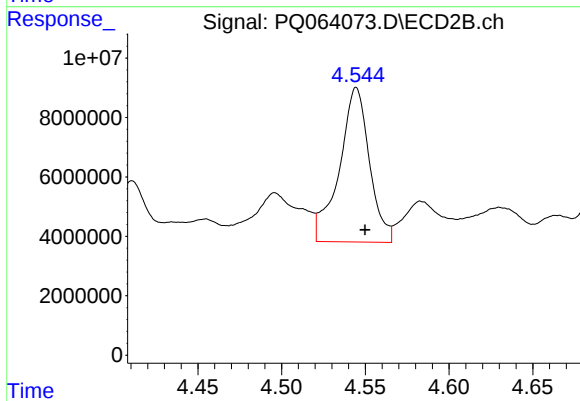
#19 AR-1242-4

R.T.: 4.049 min
Delta R.T.: -0.003 min
Response: 48832455
Conc: 643.50 ng/ml



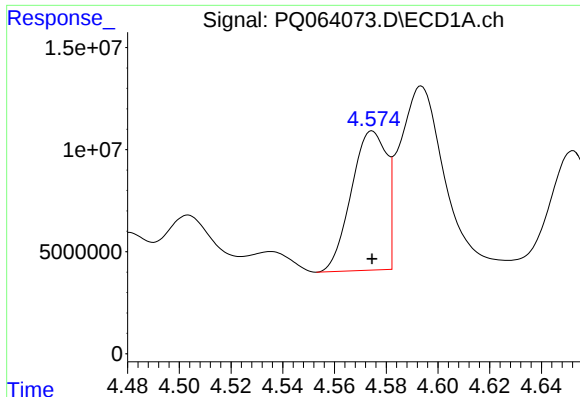
#20 AR-1242-5

R.T.: 5.467 min
Delta R.T.: -0.001 min
Response: 9096379
Conc: 102.87 ng/ml



#20 AR-1242-5

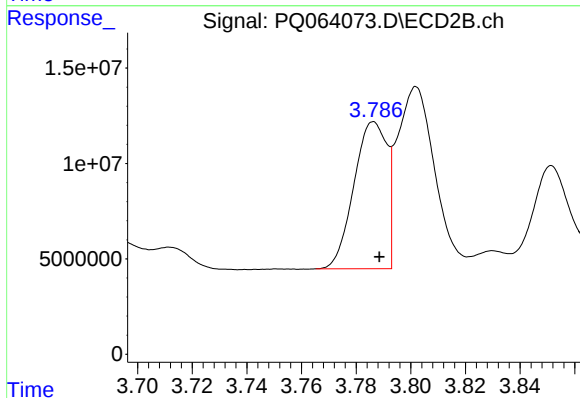
R.T.: 4.545 min
Delta R.T.: -0.005 min
Response: 65296078
Conc: 649.10 ng/ml



#21 AR-1248-1

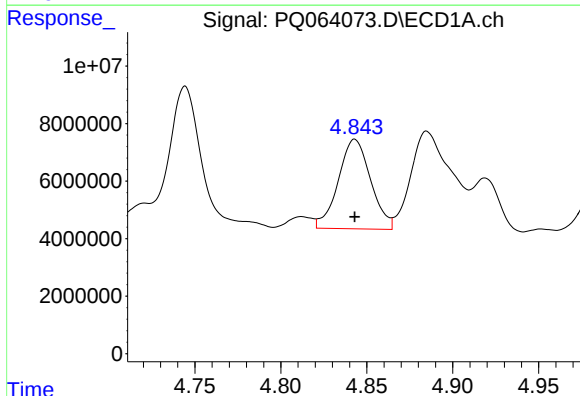
R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 64640931
Conc: 776.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



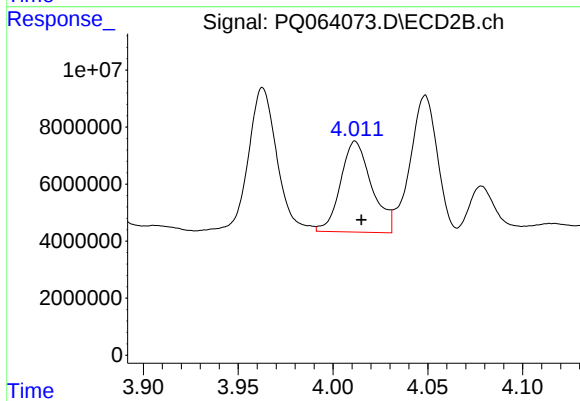
#21 AR-1248-1

R.T.: 3.786 min
Delta R.T.: -0.002 min
Response: 64505711
Conc: 827.27 ng/ml



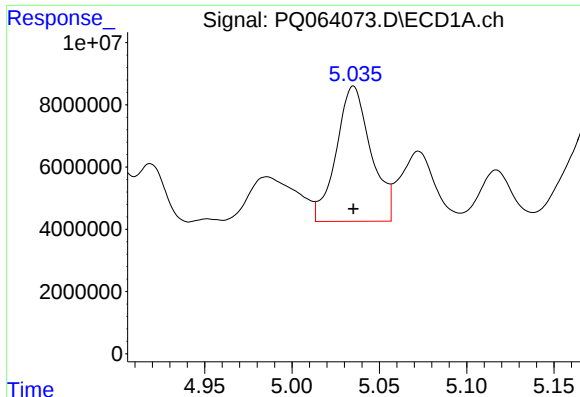
#22 AR-1248-2

R.T.: 4.843 min
Delta R.T.: 0.000 min
Response: 40817455
Conc: 336.30 ng/ml



#22 AR-1248-2

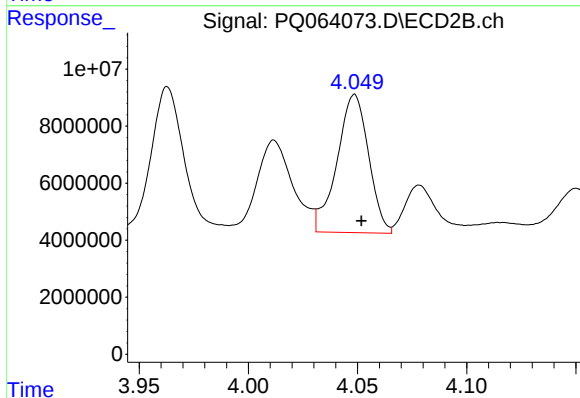
R.T.: 4.012 min
Delta R.T.: -0.003 min
Response: 36433504
Conc: 307.35 ng/ml



#23 AR-1248-3

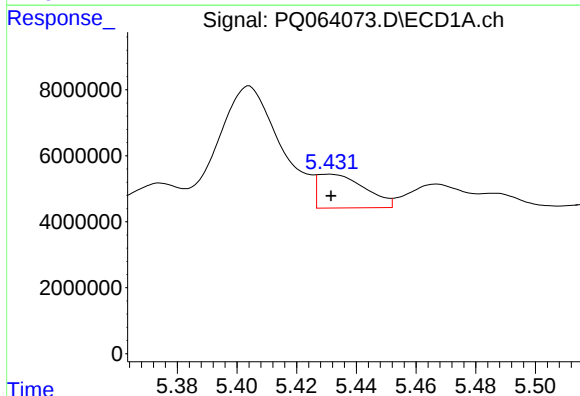
R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 60003650
Conc: 414.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



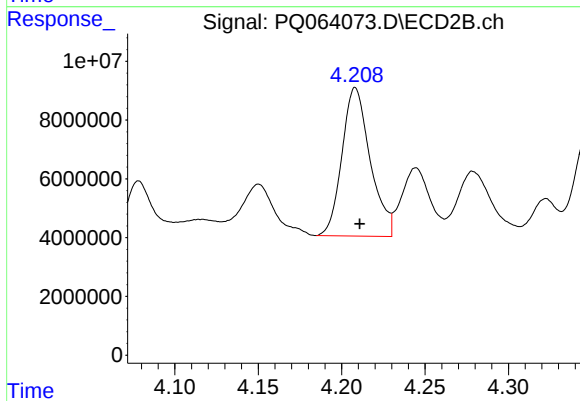
#23 AR-1248-3

R.T.: 4.049 min
Delta R.T.: -0.003 min
Response: 48832455
Conc: 433.44 ng/ml



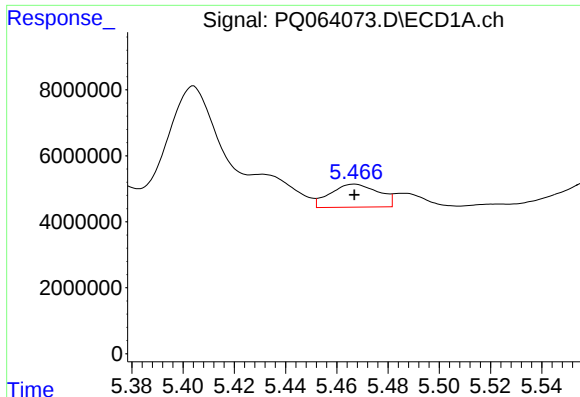
#24 AR-1248-4

R.T.: 5.431 min
Delta R.T.: 0.000 min
Response: 11150619
Conc: 71.95 ng/ml



#24 AR-1248-4

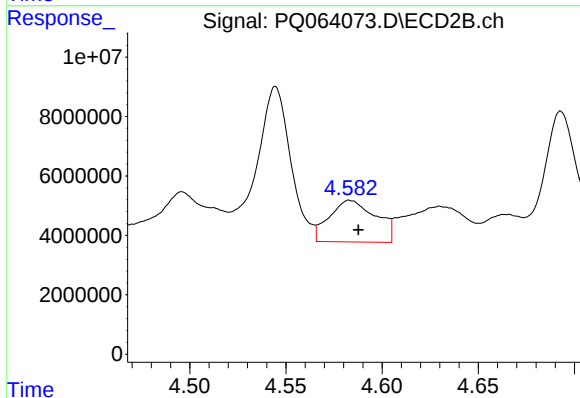
R.T.: 4.208 min
Delta R.T.: -0.003 min
Response: 59512369
Conc: 432.32 ng/ml



#25 AR-1248-5

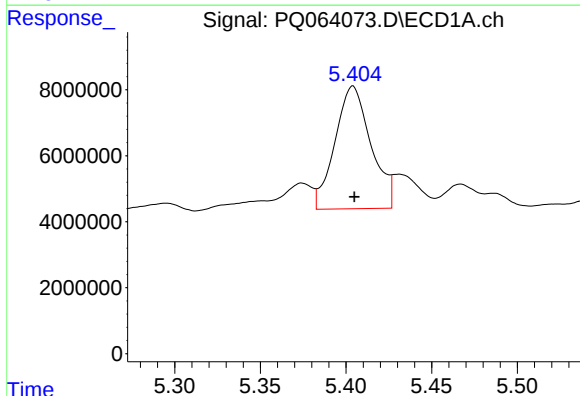
R.T.: 5.467 min
Delta R.T.: 0.000 min
Response: 9096379
Conc: 59.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



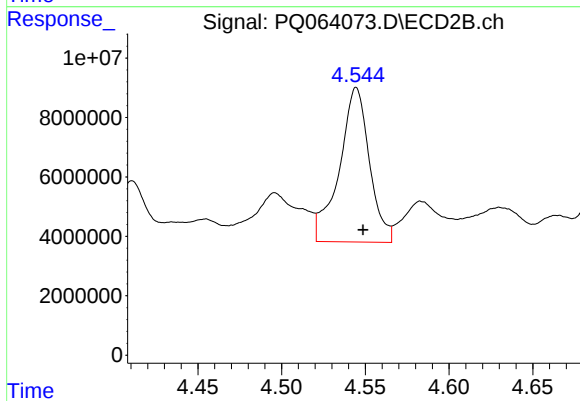
#25 AR-1248-5

R.T.: 4.583 min
Delta R.T.: -0.005 min
Response: 23598944
Conc: 175.76 ng/ml



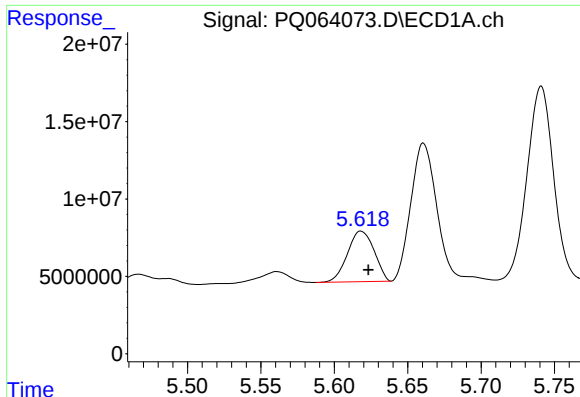
#26 AR-1254-1

R.T.: 5.404 min
Delta R.T.: 0.000 min
Response: 54377667
Conc: 346.47 ng/ml



#26 AR-1254-1

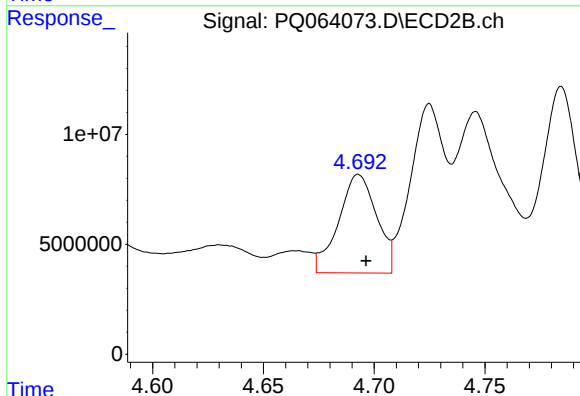
R.T.: 4.545 min
Delta R.T.: -0.004 min
Response: 65296078
Conc: 335.95 ng/ml



#27 AR-1254-2

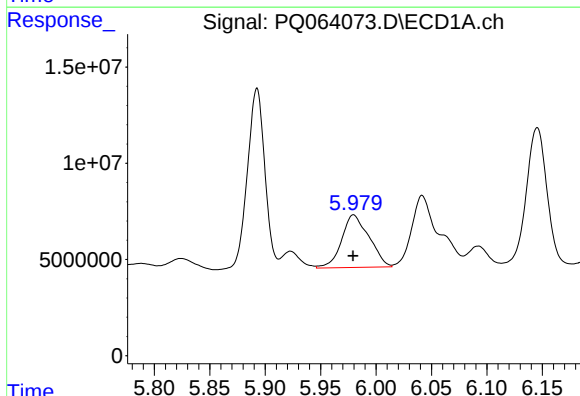
R.T.: 5.618 min
Delta R.T.: -0.005 min
Response: 41264401
Conc: 174.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



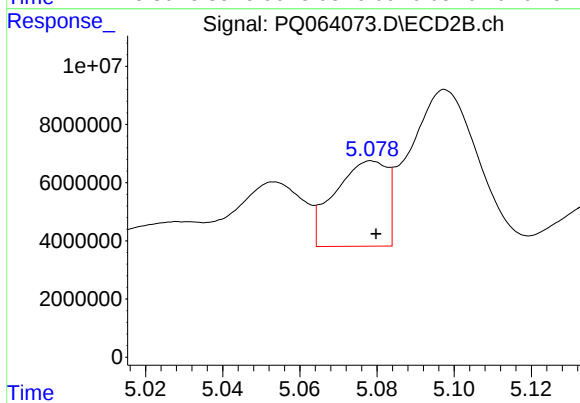
#27 AR-1254-2

R.T.: 4.693 min
Delta R.T.: -0.003 min
Response: 53640943
Conc: 307.92 ng/ml



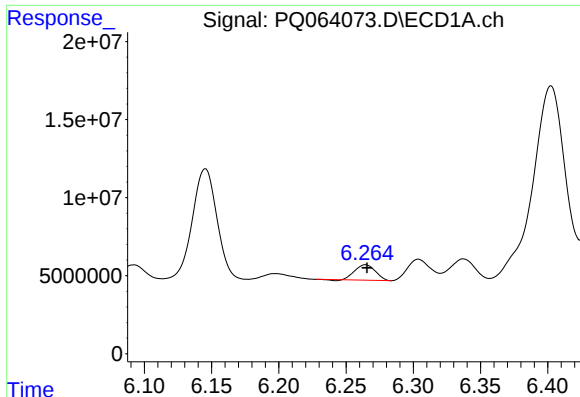
#28 AR-1254-3

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 47110106
Conc: 190.00 ng/ml



#28 AR-1254-3

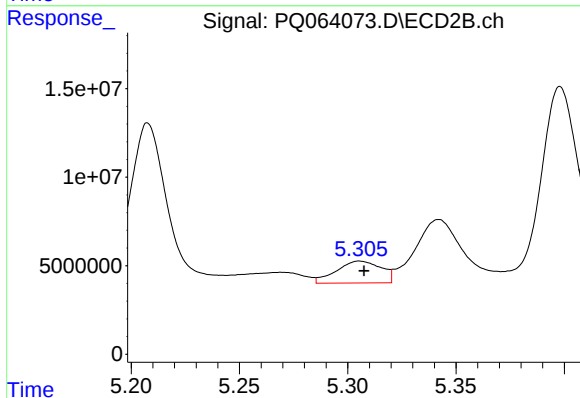
R.T.: 5.079 min
Delta R.T.: -0.001 min
Response: 27622522
Conc: 103.20 ng/ml



#29 AR-1254-4

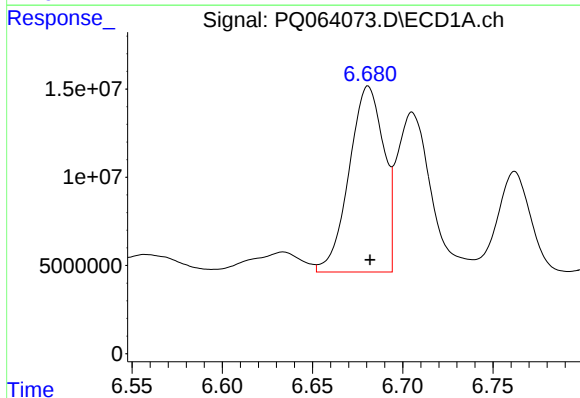
R.T.: 6.264 min
Delta R.T.: -0.001 min
Response: 10402371
Conc: 57.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



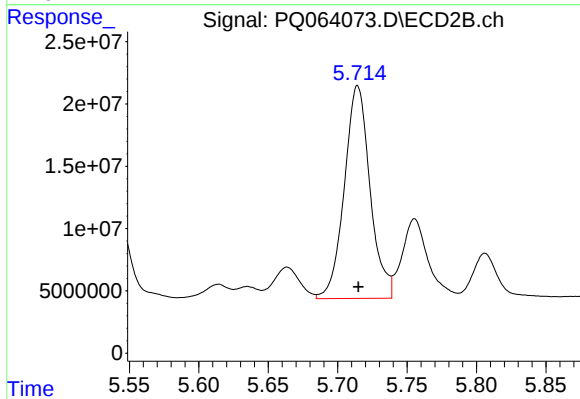
#29 AR-1254-4

R.T.: 5.306 min
Delta R.T.: -0.002 min
Response: 17820402
Conc: 101.58 ng/ml



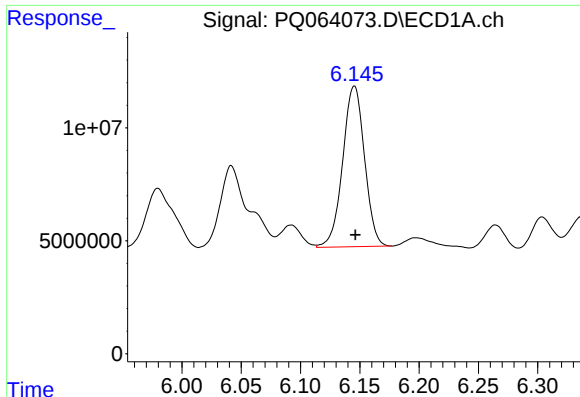
#30 AR-1254-5

R.T.: 6.681 min
Delta R.T.: -0.001 min
Response: 140400101
Conc: 703.90 ng/ml



#30 AR-1254-5

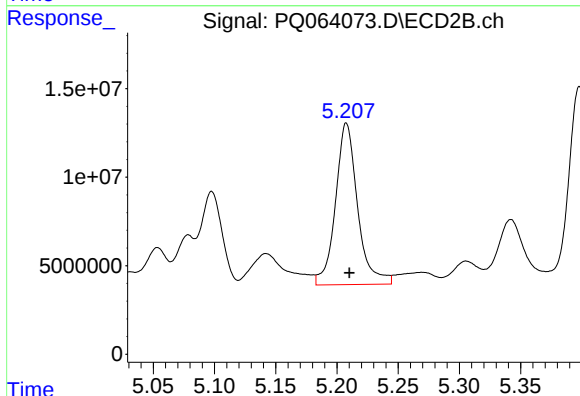
R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 220421648
Conc: 864.60 ng/ml



#31 AR-1260-1

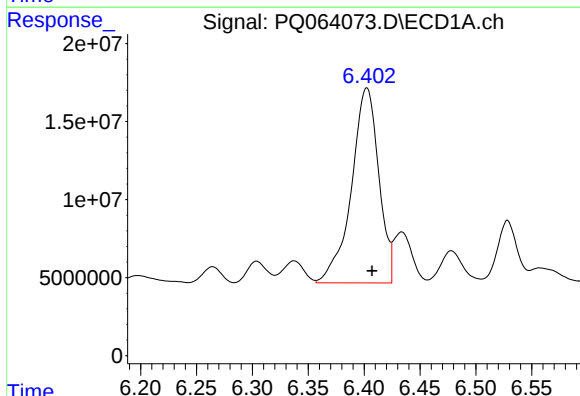
R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 91169385
Conc: 445.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



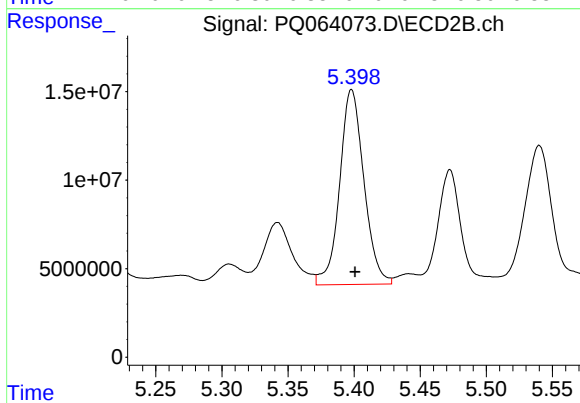
#31 AR-1260-1

R.T.: 5.208 min
Delta R.T.: -0.002 min
Response: 114615560
Conc: 579.47 ng/ml



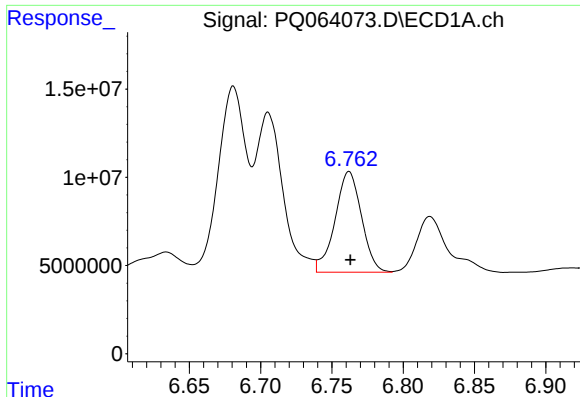
#32 AR-1260-2

R.T.: 6.402 min
Delta R.T.: -0.005 min
Response: 212929791
Conc: 881.47 ng/ml



#32 AR-1260-2

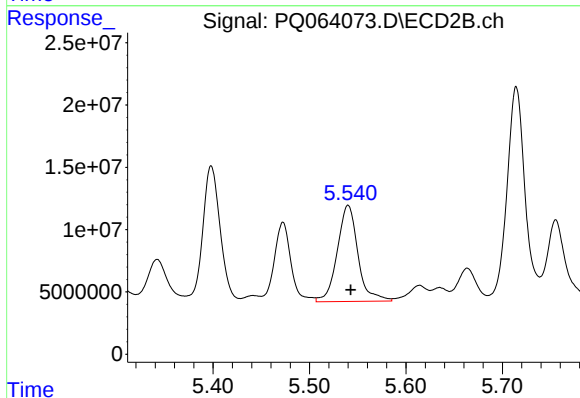
R.T.: 5.398 min
Delta R.T.: -0.003 min
Response: 140742204
Conc: 589.54 ng/ml



#33 AR-1260-3

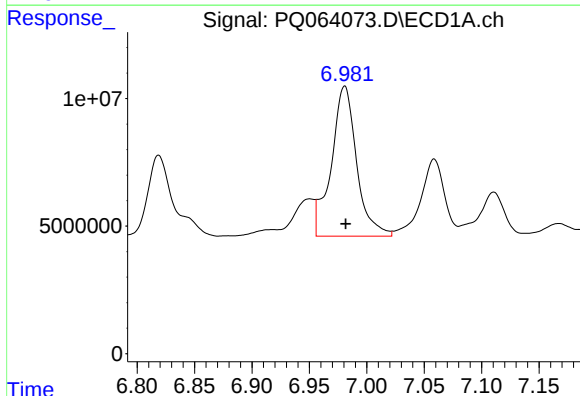
R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 73789964
Conc: 458.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



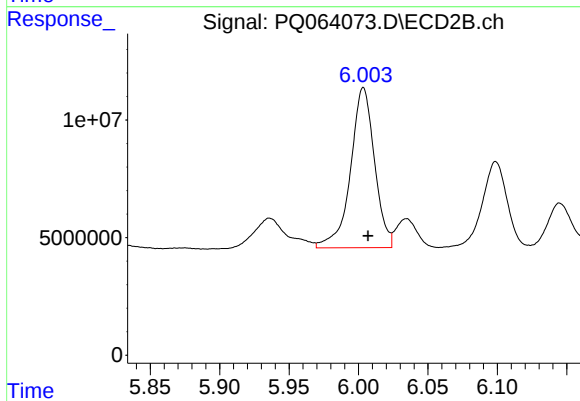
#33 AR-1260-3

R.T.: 5.540 min
Delta R.T.: -0.003 min
Response: 114814471
Conc: 508.31 ng/ml



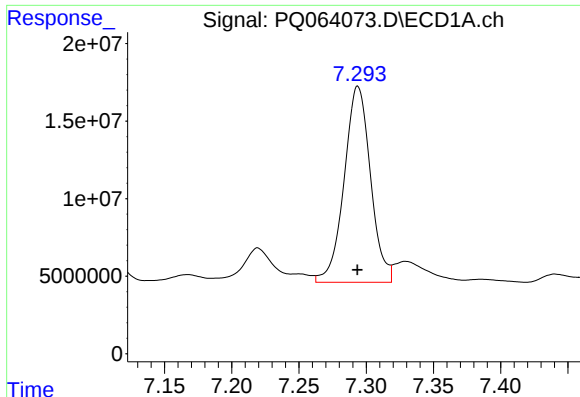
#34 AR-1260-4

R.T.: 6.981 min
Delta R.T.: -0.001 min
Response: 90256067
Conc: 489.22 ng/ml



#34 AR-1260-4

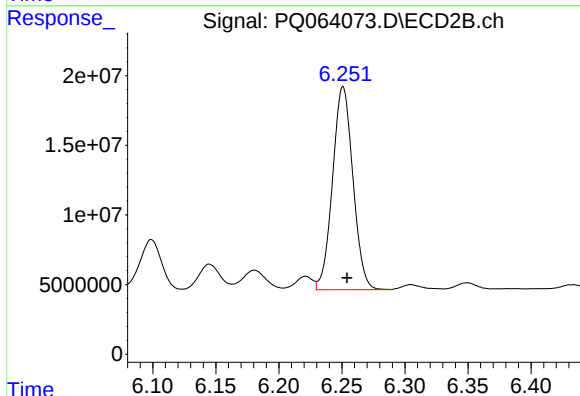
R.T.: 6.004 min
Delta R.T.: -0.003 min
Response: 81916889
Conc: 476.09 ng/ml



#35 AR-1260-5

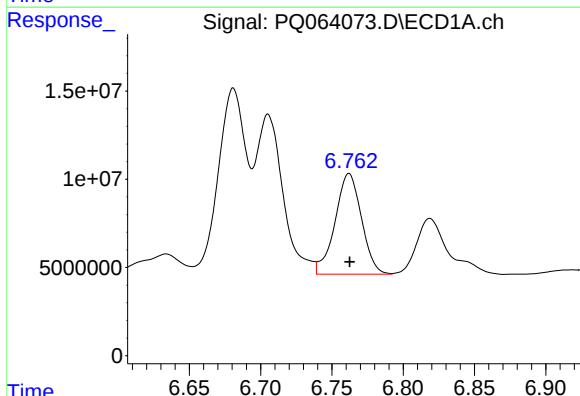
R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 172616358
Conc: 485.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



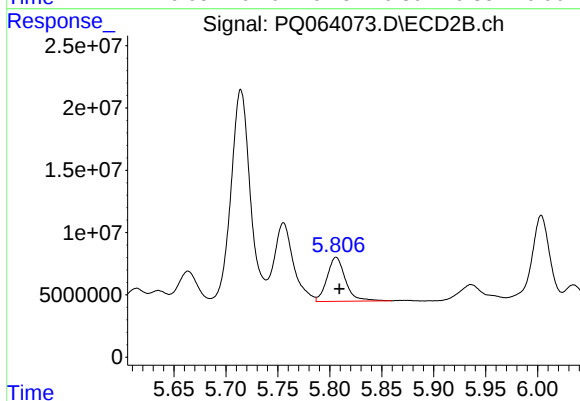
#35 AR-1260-5

R.T.: 6.251 min
Delta R.T.: -0.003 min
Response: 164303075
Conc: 411.72 ng/ml



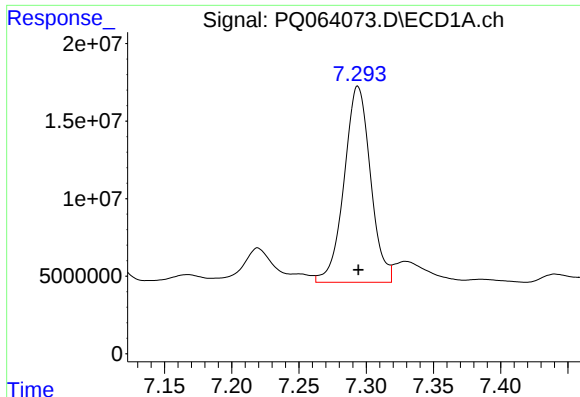
#36 AR-1262-1

R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 73789964
Conc: 282.36 ng/ml



#36 AR-1262-1

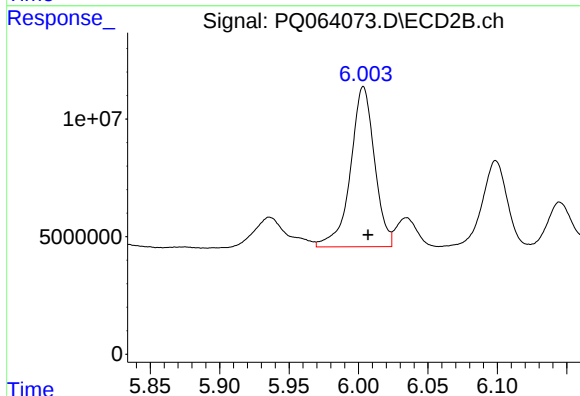
R.T.: 5.806 min
Delta R.T.: -0.003 min
Response: 43506877
Conc: 397.40 ng/ml



#37 AR-1262-2

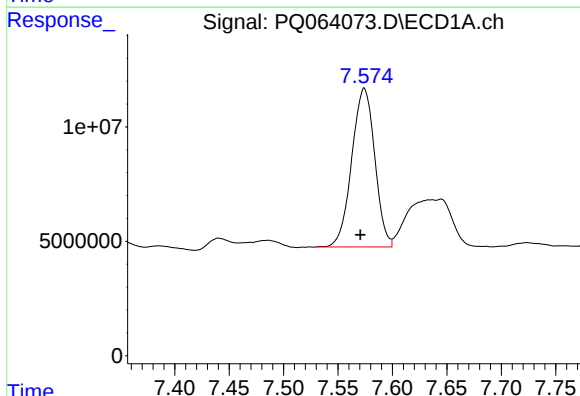
R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 172616358
Conc: 405.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



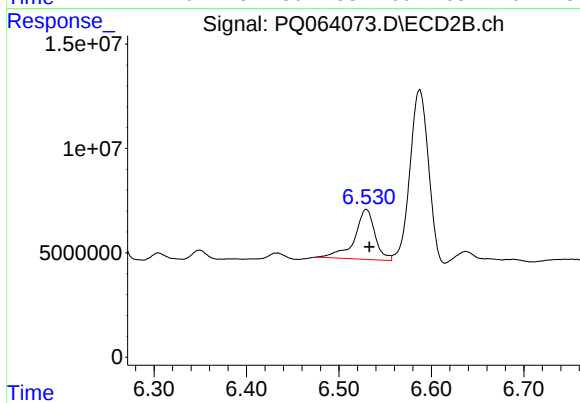
#37 AR-1262-2

R.T.: 6.004 min
Delta R.T.: -0.003 min
Response: 81916889
Conc: 331.62 ng/ml



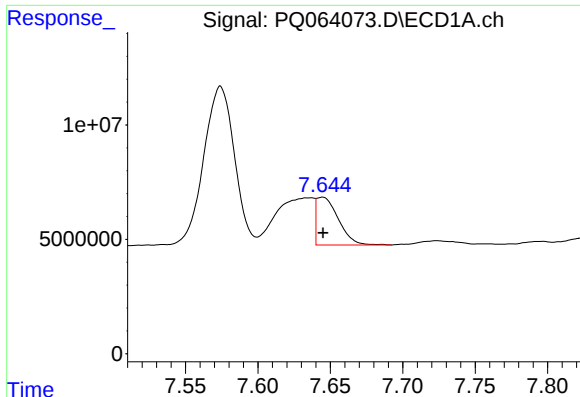
#38 AR-1262-3

R.T.: 7.574 min
Delta R.T.: 0.003 min
Response: 101997054
Conc: 355.98 ng/ml



#38 AR-1262-3

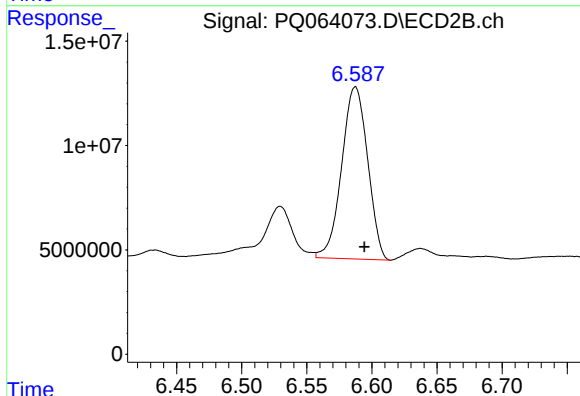
R.T.: 6.530 min
Delta R.T.: -0.004 min
Response: 36895824
Conc: 182.12 ng/ml



#39 AR-1262-4

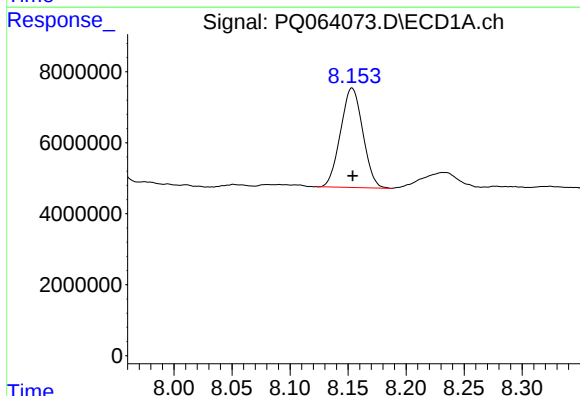
R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 21924584
Conc: 95.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



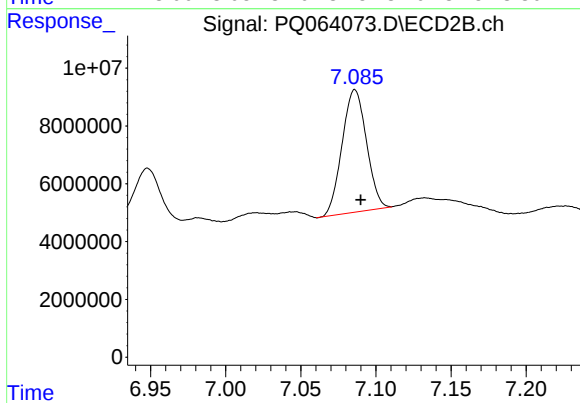
#39 AR-1262-4

R.T.: 6.587 min
Delta R.T.: -0.007 min
Response: 114526184
Conc: 307.34 ng/ml



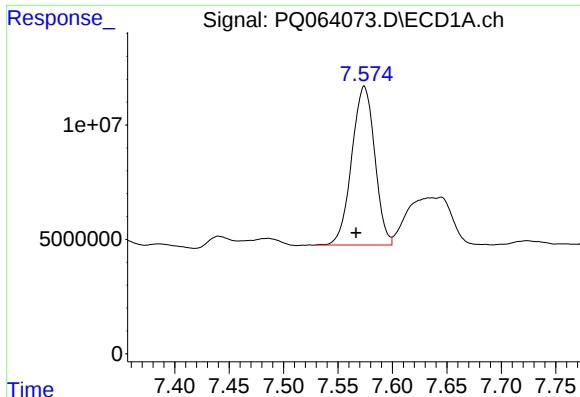
#40 AR-1262-5

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 37446982
Conc: 262.88 ng/ml



#40 AR-1262-5

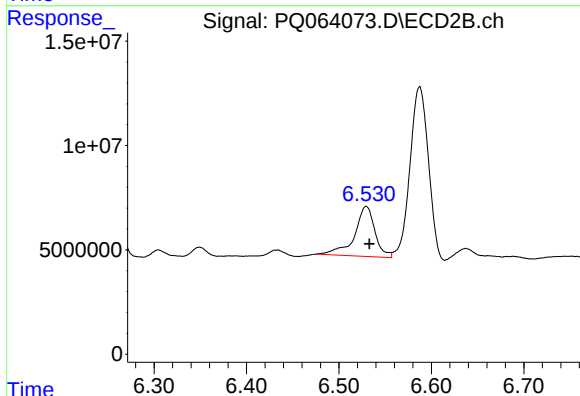
R.T.: 7.086 min
Delta R.T.: -0.004 min
Response: 47876578
Conc: 264.79 ng/ml



#41 AR-1268-1

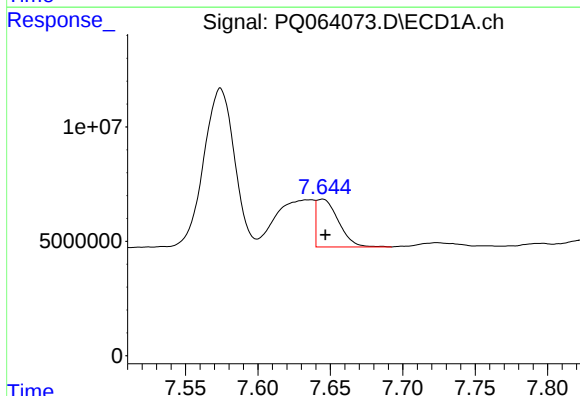
R.T.: 7.574 min
Delta R.T.: 0.007 min
Response: 101997054
Conc: 206.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



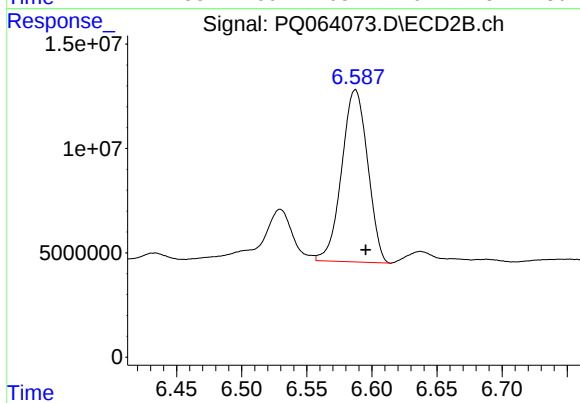
#41 AR-1268-1

R.T.: 6.530 min
Delta R.T.: -0.003 min
Response: 36895824
Conc: 64.30 ng/ml



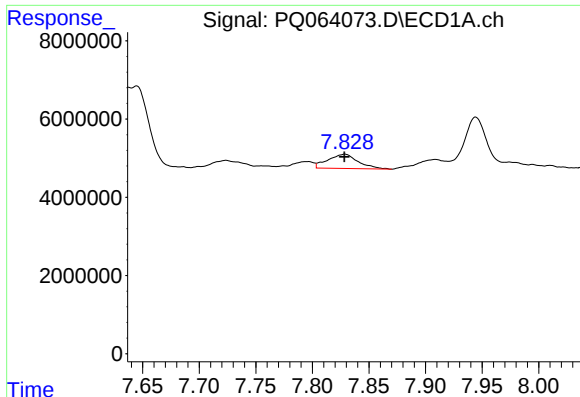
#42 AR-1268-2

R.T.: 7.645 min
Delta R.T.: -0.002 min
Response: 21924584
Conc: 48.96 ng/ml



#42 AR-1268-2

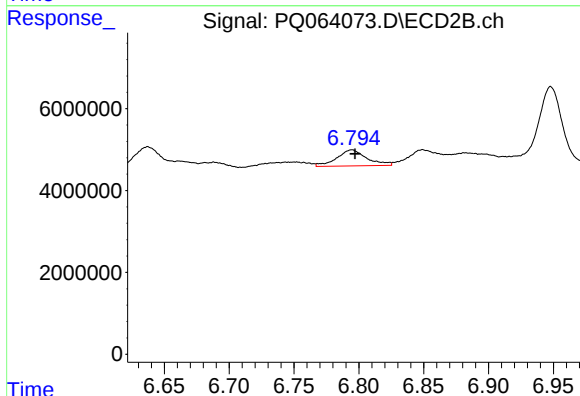
R.T.: 6.587 min
Delta R.T.: -0.008 min
Response: 114526184
Conc: 220.62 ng/ml



#43 AR-1268-3

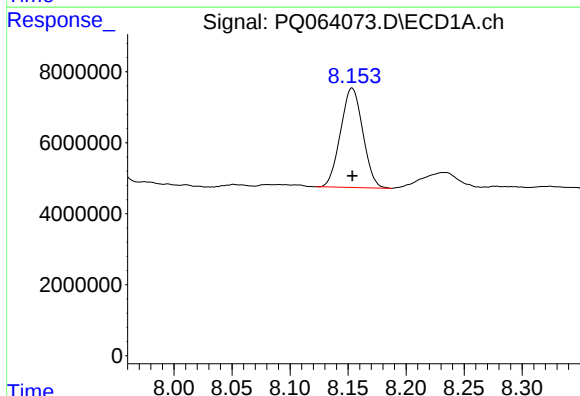
R.T.: 7.829 min
Delta R.T.: 0.000 min
Response: 6836793
Conc: 17.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



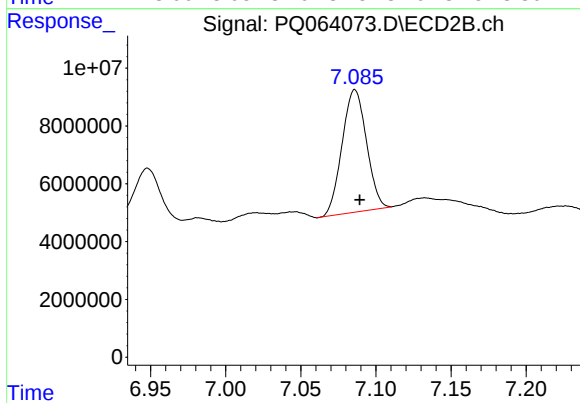
#43 AR-1268-3

R.T.: 6.795 min
Delta R.T.: -0.002 min
Response: 6312741
Conc: 13.61 ng/ml



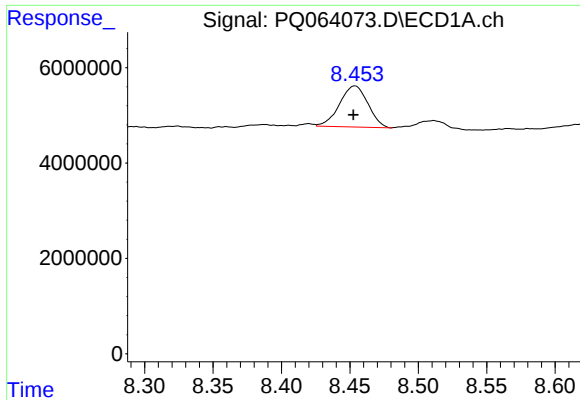
#44 AR-1268-4

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 37446982
Conc: 239.53 ng/ml



#44 AR-1268-4

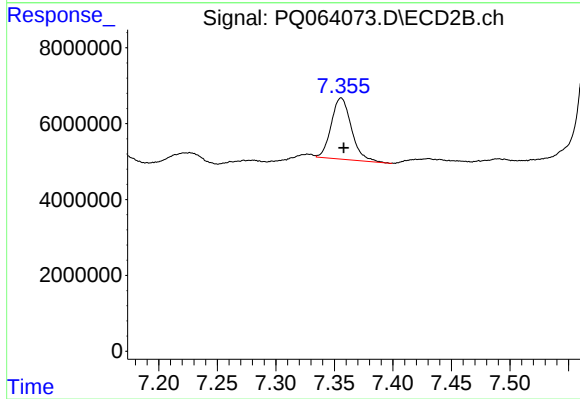
R.T.: 7.086 min
Delta R.T.: -0.003 min
Response: 47876578
Conc: 245.11 ng/ml



#45 AR-1268-5

R.T.: 8.454 min
Delta R.T.: 0.001 min
Response: 12446828
Conc: 11.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.356 min
Delta R.T.: -0.002 min
Response: 19306431
Conc: 12.61 ng/ml