

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
 Data File : PQ071153.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Oct 2025 09:55
 Operator : YP\AJ
 Sample : Q3450-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 SS-5R-(3.5-4.0)MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/27/2025
 Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 27 11:30:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 11 01:55:41 2025
 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...	3.399	2.776	101.9E6	95077060	23.434	18.716m
2) SA Decachlor...	8.495	7.531	64988561	104.5E6	22.379	20.702
Target Compounds						
3) L1 AR-1016-1	4.481	3.775	25519004	75904857	155.467m	338.858m#
4) L1 AR-1016-2	4.498	3.791	81532605	96925792	318.121m	284.973m
5) L1 AR-1016-3	4.555	3.951	57737086	56328796	362.856m	309.739m
6) L1 AR-1016-4	4.645	3.999	49897243	46929761	384.034m	298.132m
7) L1 AR-1016-5	4.930	4.195	44988750	56961892	349.284	296.921
26) L6 AR-1254-1	5.291	4.531	37478695	50045658	190.947m	148.410
27) L6 AR-1254-2	5.506	4.677	49023240	63782741	168.765m	214.645 #
28) L6 AR-1254-3	5.854	5.058	41414456	56889515	134.809m	121.802m
29) L6 AR-1254-4	6.132	5.284	37113579	48175061	169.051m	163.166
30) L6 AR-1254-5	6.542	5.687	163.1E6	227.7E6	703.418	541.766
31) L7 AR-1260-1	6.018	5.186	98581616	125.9E6	420.443m	349.310m
32) L7 AR-1260-2	6.275	5.377	116.0E6	140.7E6	419.237m	319.751
33) L7 AR-1260-3	6.626	5.516	64602779	151.4E6	324.135	364.829
34) L7 AR-1260-4	6.840	5.978	76642151	101.8E6	356.669	282.828
35) L7 AR-1260-5	7.146	6.222	156.2E6	234.0E6	360.118	278.474

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071153.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 09:55
Operator : YP\AJ
Sample : Q3450-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

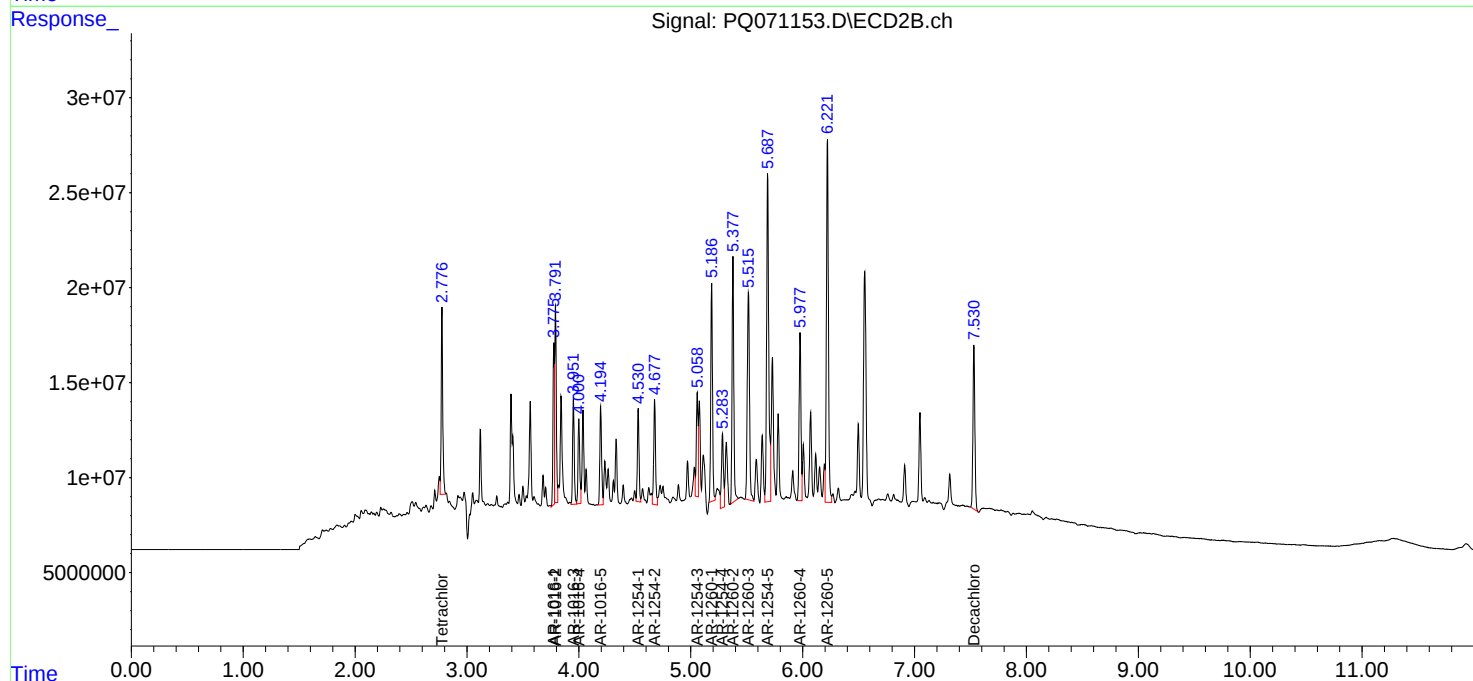
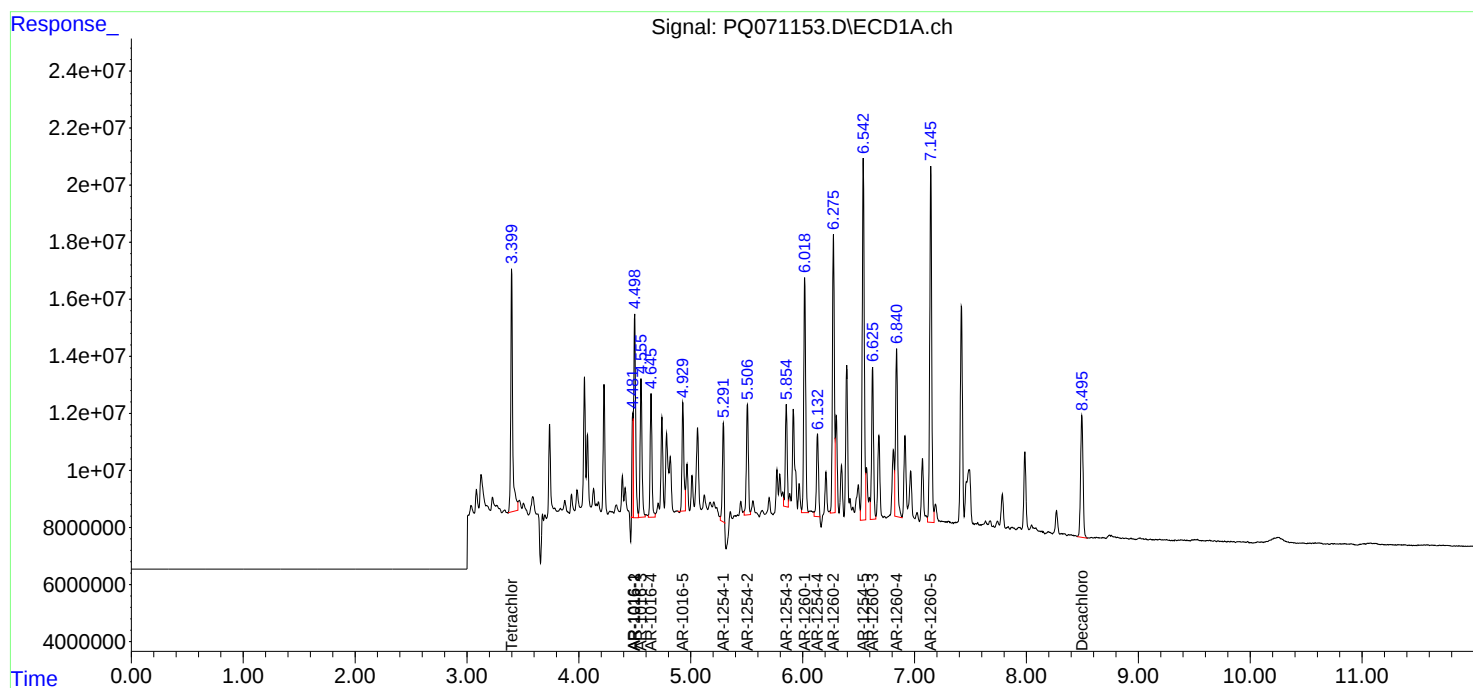
Instrument :
ECD_Q
ClientSampleId :
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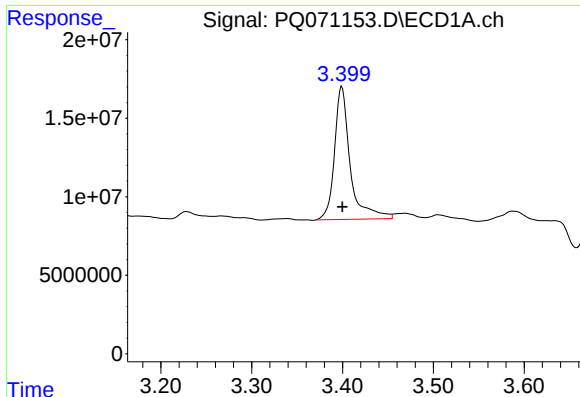
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Title : GC EXTRACTABLES
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





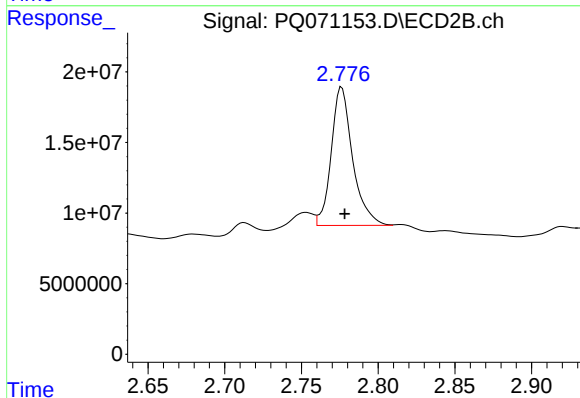
#1 Tetrachloro-m-xylene

R.T.: 3.399 min
Delta R.T.: 0.000 min
Response: 101945113
Conc: 23.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SS-5R-(3.5-4.0)MS

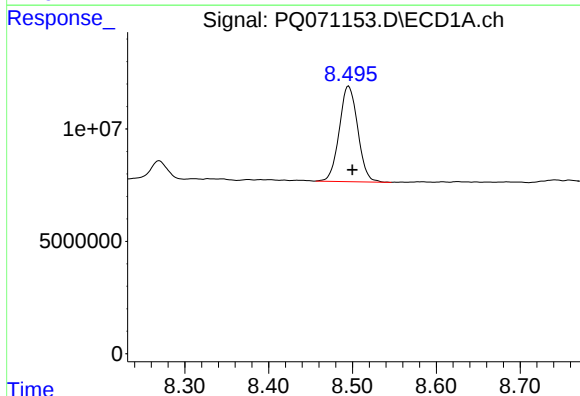
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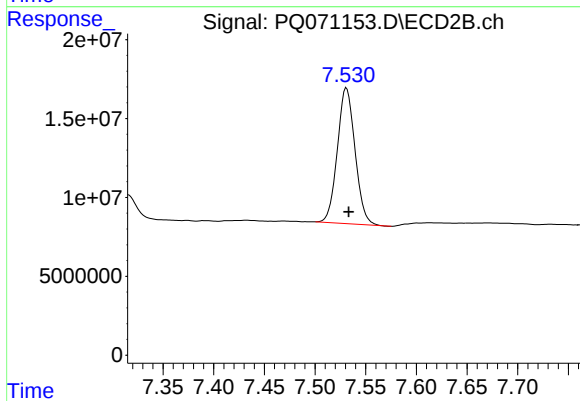
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.003 min
Response: 95077060
Conc: 18.72 ng/ml m



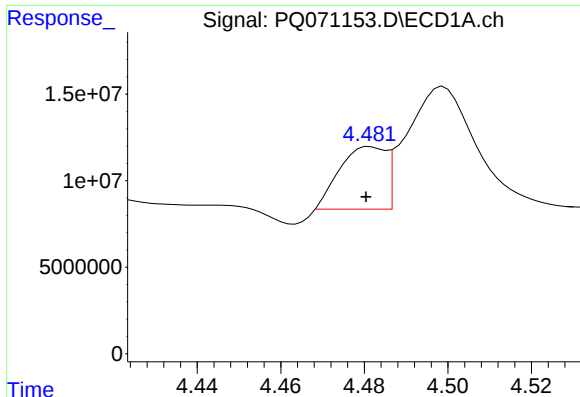
#2 Decachlorobiphenyl

R.T.: 8.495 min
Delta R.T.: -0.005 min
Response: 64988561
Conc: 22.38 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.531 min
Delta R.T.: -0.002 min
Response: 104533599
Conc: 20.70 ng/ml



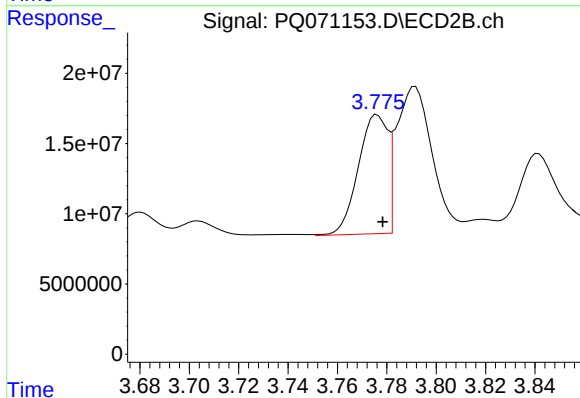
#3 AR-1016-1

R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 25519004
Conc: 155.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SS-5R-(3.5-4.0)MS

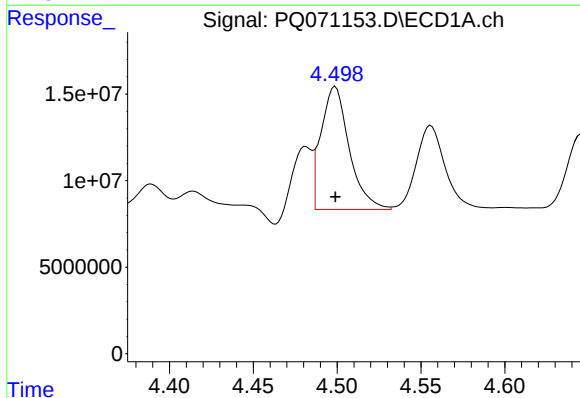
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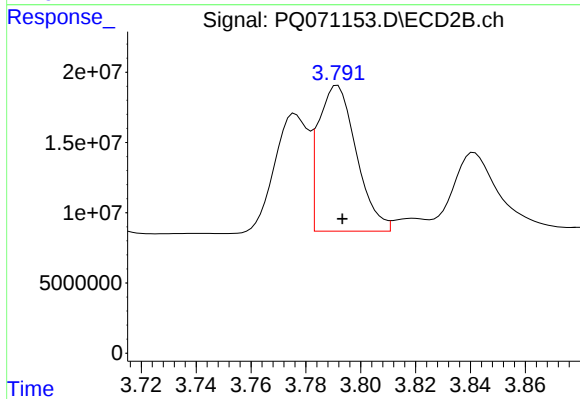
#3 AR-1016-1

R.T.: 3.775 min
Delta R.T.: -0.003 min
Response: 75904857
Conc: 338.86 ng/ml m



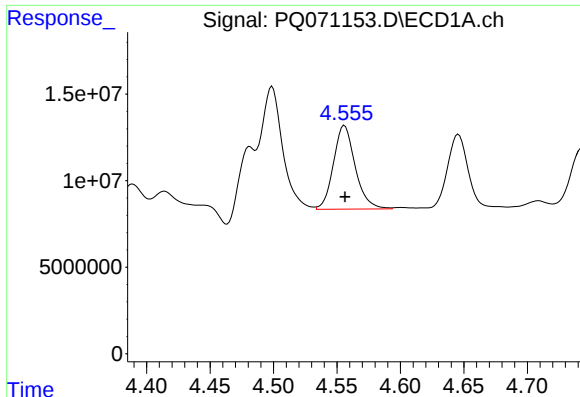
#4 AR-1016-2

R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 81532605
Conc: 318.12 ng/ml m



#4 AR-1016-2

R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 96925792
Conc: 284.97 ng/ml m



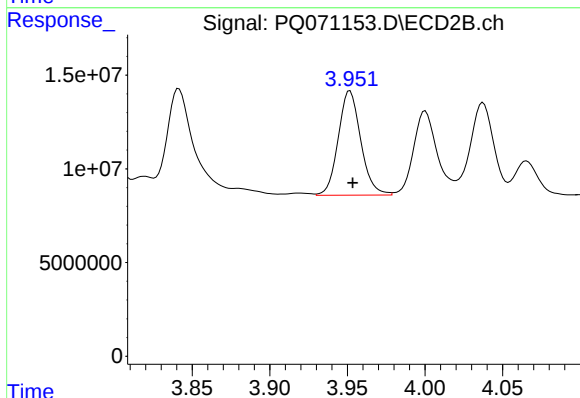
#5 AR-1016-3

R.T.: 4.555 min
Delta R.T.: -0.001 min
Response: 57737086
Conc: 362.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SS-5R-(3.5-4.0)MS

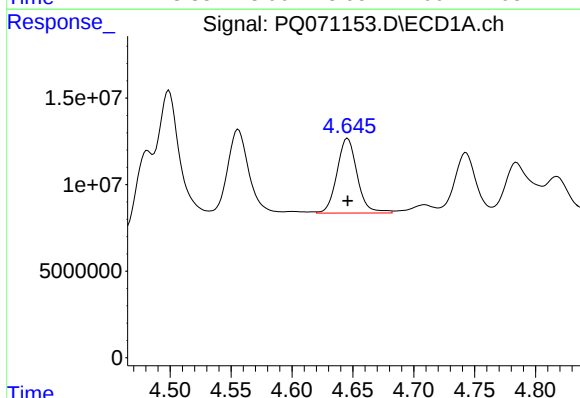
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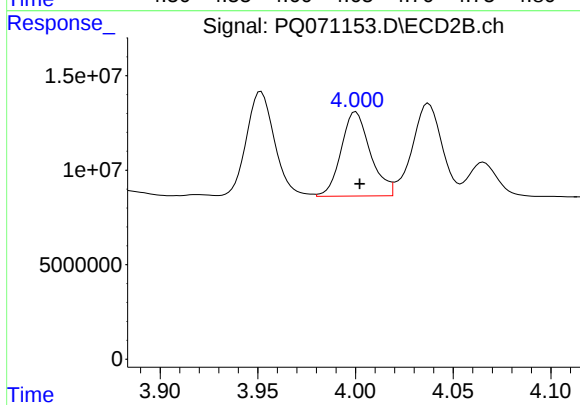
#5 AR-1016-3

R.T.: 3.951 min
Delta R.T.: -0.002 min
Response: 56328796
Conc: 309.74 ng/ml m



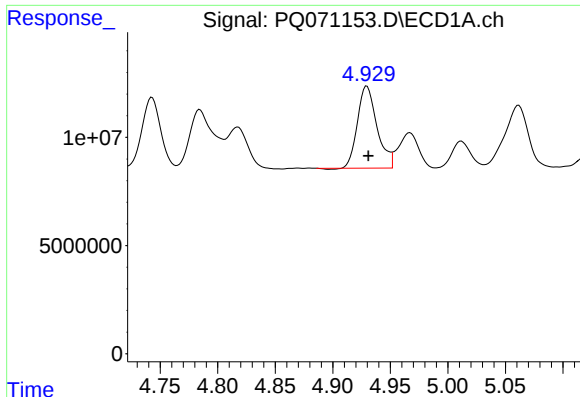
#6 AR-1016-4

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 49897243
Conc: 384.03 ng/ml m



#6 AR-1016-4

R.T.: 3.999 min
Delta R.T.: -0.003 min
Response: 46929761
Conc: 298.13 ng/ml m



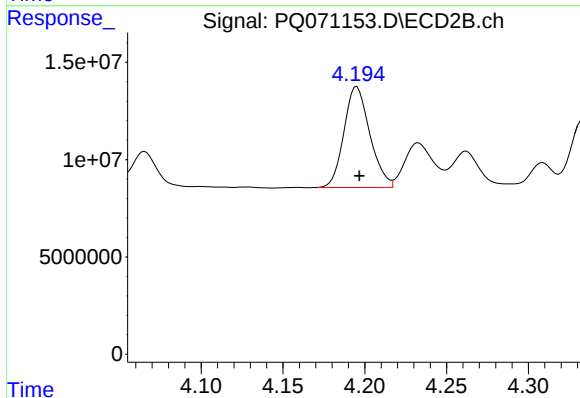
#7 AR-1016-5

R.T.: 4.930 min
Delta R.T.: -0.001 min
Response: 44988750
Conc: 349.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SS-5R-(3.5-4.0)MS

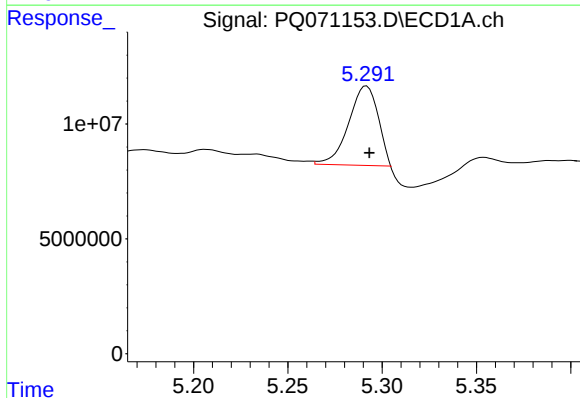
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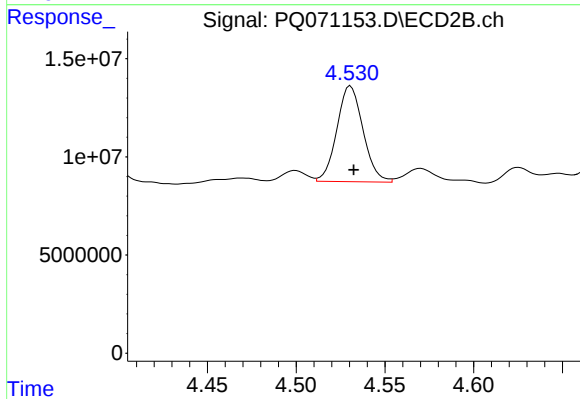
#7 AR-1016-5

R.T.: 4.195 min
Delta R.T.: -0.002 min
Response: 56961892
Conc: 296.92 ng/ml



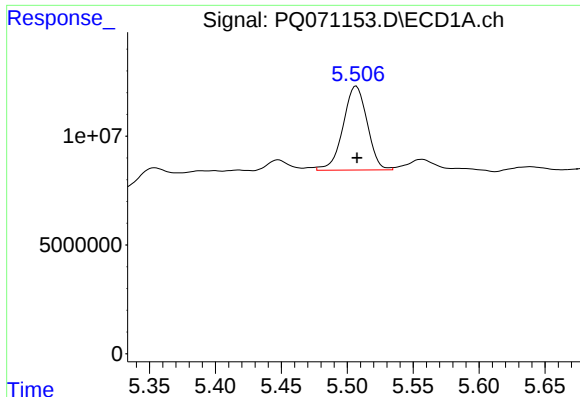
#26 AR-1254-1

R.T.: 5.291 min
Delta R.T.: -0.002 min
Response: 37478695
Conc: 190.95 ng/ml m



#26 AR-1254-1

R.T.: 4.531 min
Delta R.T.: -0.002 min
Response: 50045658
Conc: 148.41 ng/ml



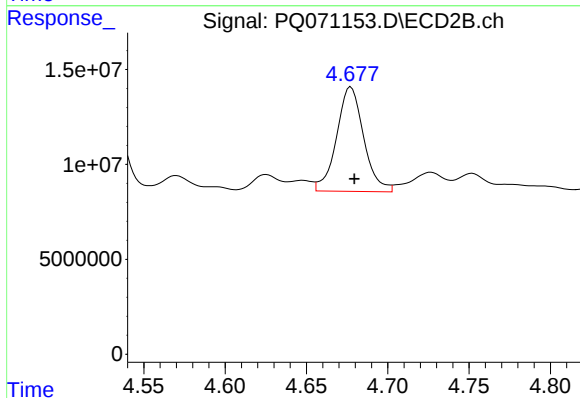
#27 AR-1254-2

R.T.: 5.506 min
Delta R.T.: -0.001 min
Response: 49023240
Conc: 168.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SS-5R-(3.5-4.0)MS

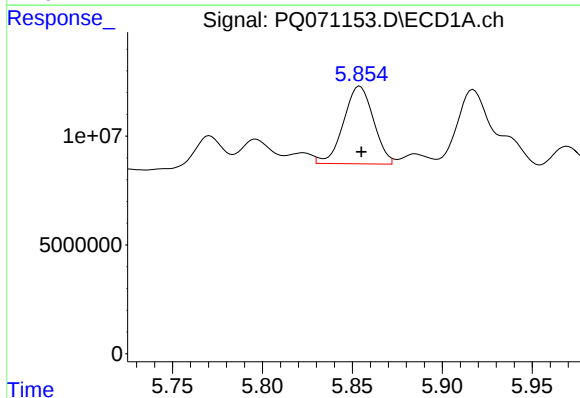
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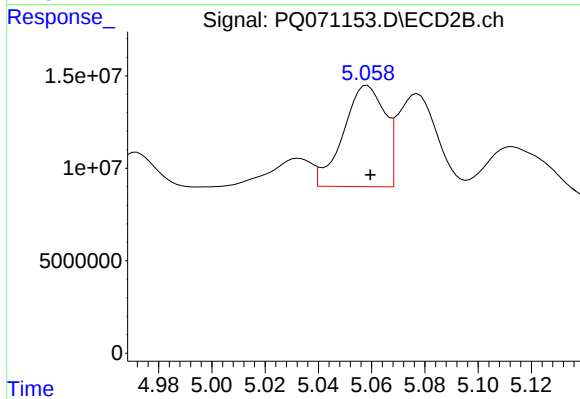
#27 AR-1254-2

R.T.: 4.677 min
Delta R.T.: -0.002 min
Response: 63782741
Conc: 214.65 ng/ml



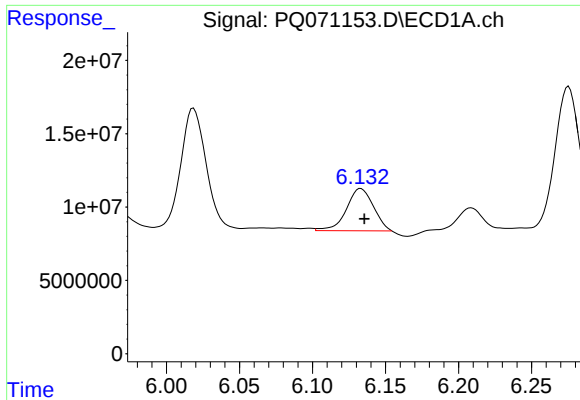
#28 AR-1254-3

R.T.: 5.854 min
Delta R.T.: -0.002 min
Response: 41414456
Conc: 134.81 ng/ml m



#28 AR-1254-3

R.T.: 5.058 min
Delta R.T.: -0.002 min
Response: 56889515
Conc: 121.80 ng/ml m



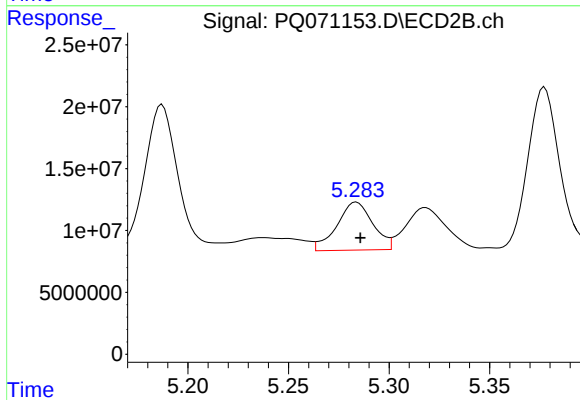
#29 AR-1254-4

R.T.: 6.132 min
Delta R.T.: -0.003 min
Response: 37113579
Conc: 169.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SS-5R-(3.5-4.0)MS

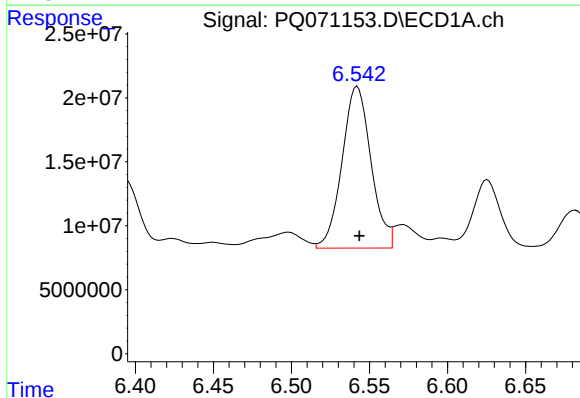
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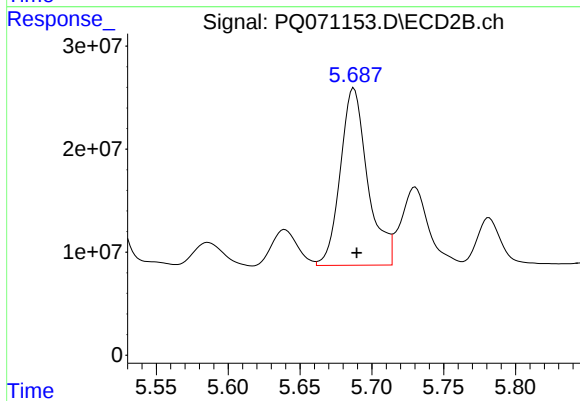
#29 AR-1254-4

R.T.: 5.284 min
Delta R.T.: -0.002 min
Response: 48175061
Conc: 163.17 ng/ml



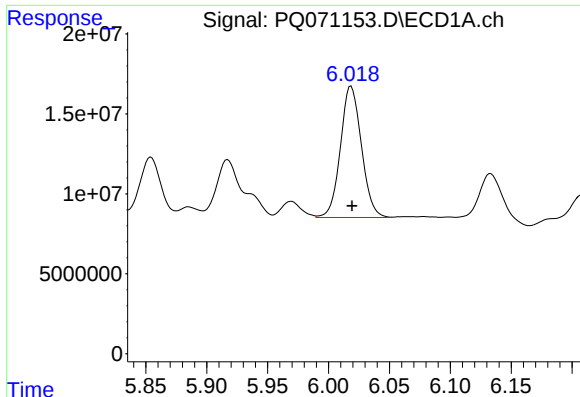
#30 AR-1254-5

R.T.: 6.542 min
Delta R.T.: -0.001 min
Response: 163119704
Conc: 703.42 ng/ml



#30 AR-1254-5

R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 227731217
Conc: 541.77 ng/ml



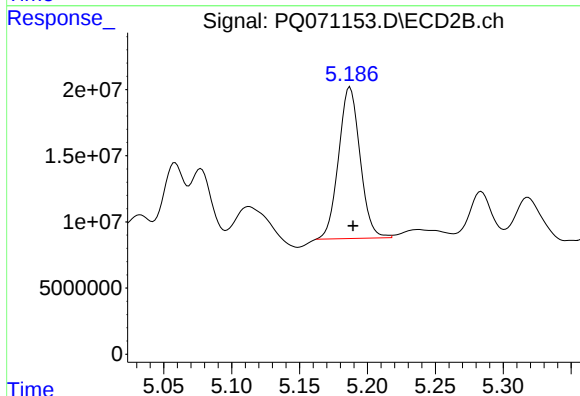
#31 AR-1260-1

R.T.: 6.018 min
Delta R.T.: -0.002 min
Response: 98581616
Conc: 420.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SS-5R-(3.5-4.0)MS

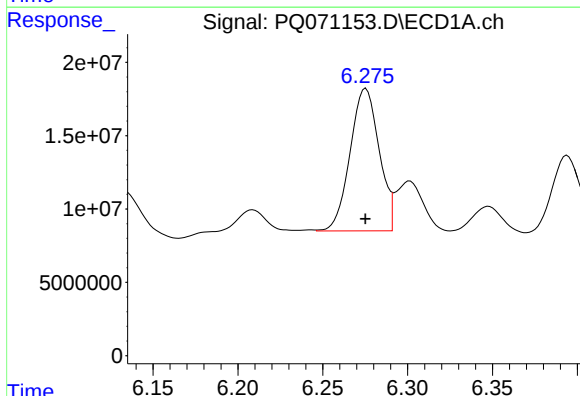
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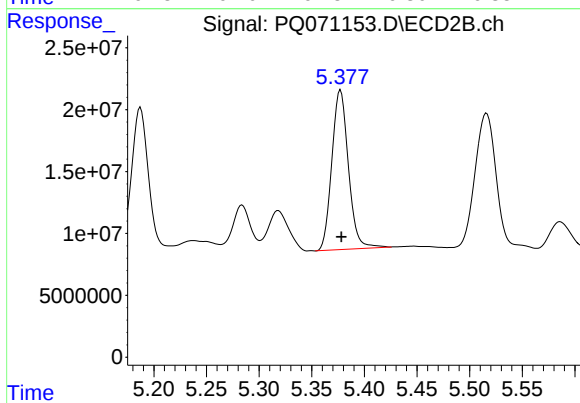
#31 AR-1260-1

R.T.: 5.186 min
Delta R.T.: -0.003 min
Response: 125893250
Conc: 349.31 ng/ml m



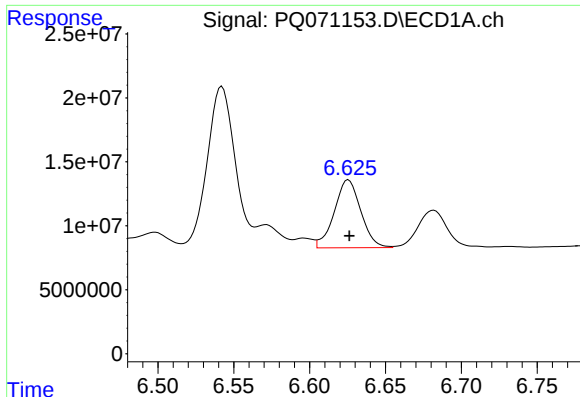
#32 AR-1260-2

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 115964728
Conc: 419.24 ng/ml m



#32 AR-1260-2

R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 140688366
Conc: 319.75 ng/ml



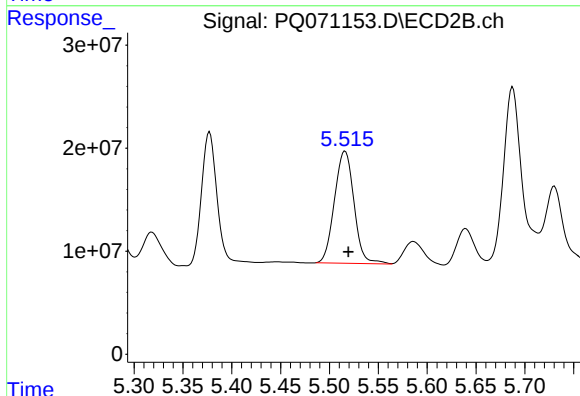
#33 AR-1260-3

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 64602779
Conc: 324.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SS-5R-(3.5-4.0)MS

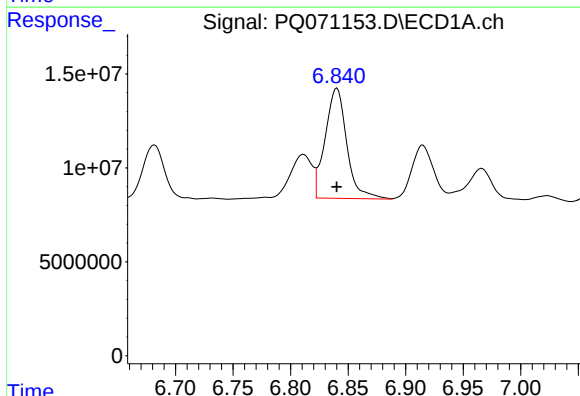
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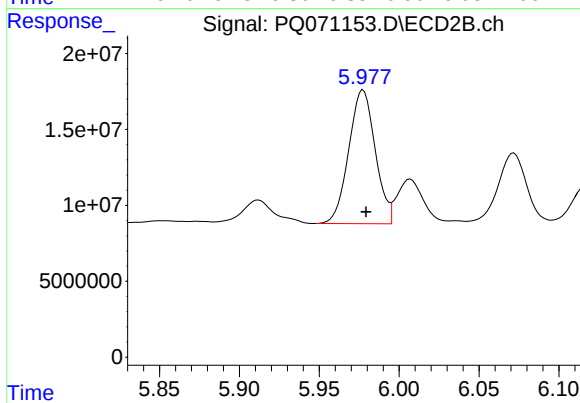
#33 AR-1260-3

R.T.: 5.516 min
Delta R.T.: -0.003 min
Response: 151403773
Conc: 364.83 ng/ml



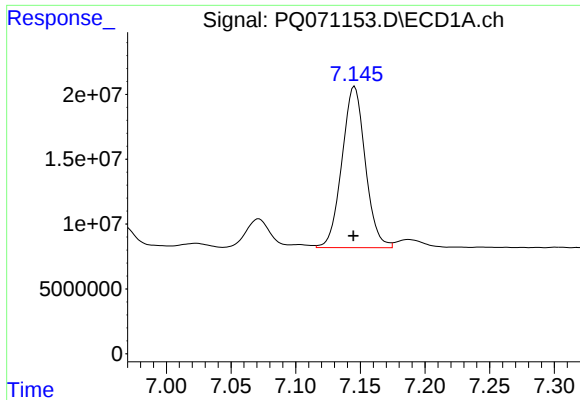
#34 AR-1260-4

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 76642151
Conc: 356.67 ng/ml



#34 AR-1260-4

R.T.: 5.978 min
Delta R.T.: -0.002 min
Response: 101750902
Conc: 282.83 ng/ml



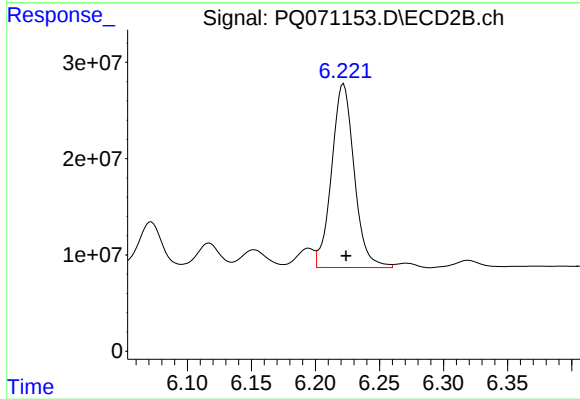
#35 AR-1260-5

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 156210825
Conc: 360.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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#35 AR-1260-5

R.T.: 6.222 min
Delta R.T.: -0.002 min
Response: 233997057
Conc: 278.47 ng/ml