

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
 Data File : PQ071154.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Oct 2025 10:10
 Operator : YP\AJ
 Sample : Q3450-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

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 11:30:42 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	111.8E6	112.9E6	25.689	22.228
2)	SA Decachlor...	8.496	7.531	69730856	115.6E6	24.012	22.895
Target Compounds							
3)	L1 AR-1016-1	4.478	3.775	66133318	86839134	402.898m	387.671m
4)	L1 AR-1016-2	4.497	3.791	106.6E6	113.2E6	415.843m	332.751m
5)	L1 AR-1016-3	4.555	3.952	68384934	72254323	429.774m	397.310
6)	L1 AR-1016-4	4.645	4.000	55794798	61092237	429.424m	388.102
7)	L1 AR-1016-5	4.930	4.195	53701684	67804394	416.929	353.439
26)	L6 AR-1254-1	5.292	4.531	46316796	64856412	235.975	192.331
27)	L6 AR-1254-2	5.507	4.678	67669054	75430352	232.954	253.842
28)	L6 AR-1254-3	5.854	5.058	79307585	109.9E6	258.156	235.279
29)	L6 AR-1254-4	6.134	5.284	64884968	78163021	295.549	264.734
30)	L6 AR-1254-5	6.543	5.687	208.6E6	305.6E6	899.407	726.931
31)	L7 AR-1260-1	6.019	5.187	119.0E6	170.6E6	507.455	473.416
32)	L7 AR-1260-2	6.275	5.376	141.2E6	188.2E6	510.578	427.657
33)	L7 AR-1260-3	6.625	5.516	71042700	189.8E6	356.446	457.353 #
34)	L7 AR-1260-4	6.840	5.977	85195497	113.2E6	396.473	314.727
35)	L7 AR-1260-5	7.145	6.221	165.8E6	260.8E6	382.125	310.420

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071154.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 10:10
Operator : YP\AJ
Sample : Q3450-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

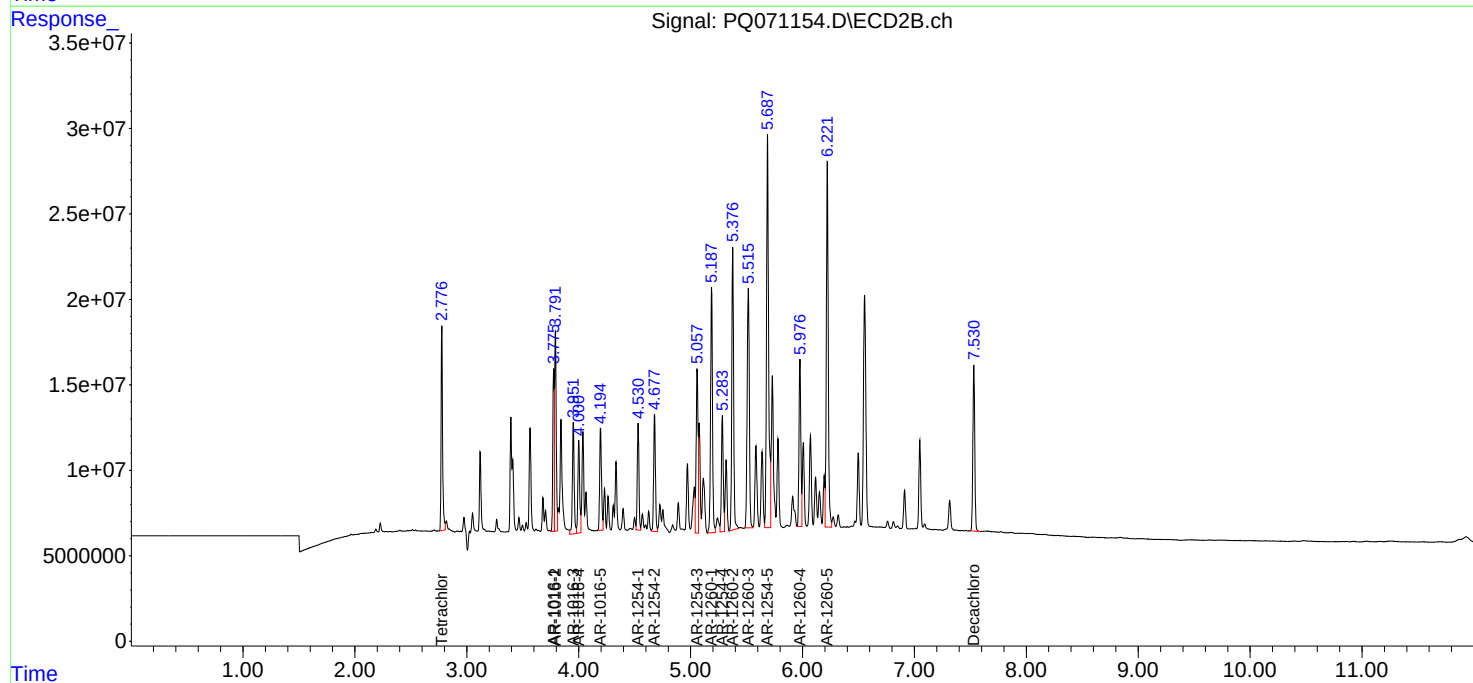
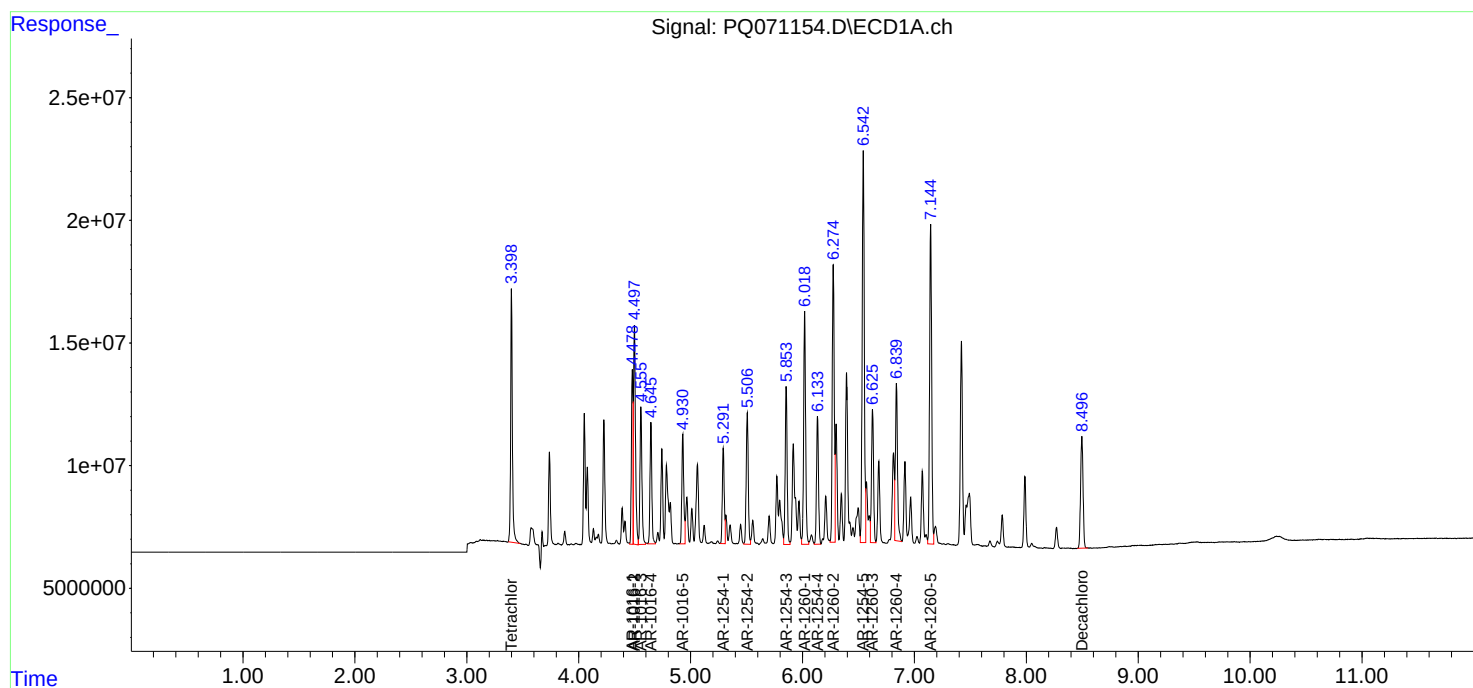
Instrument :
ECD_Q
ClientSampleId :
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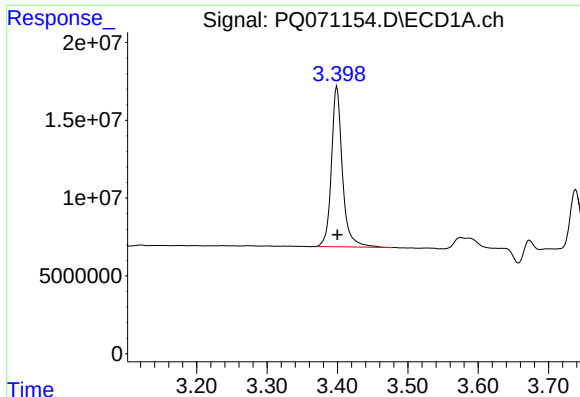
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:30:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 2025
Response 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





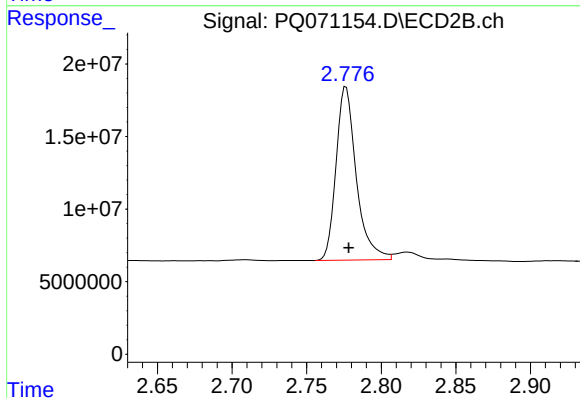
#1 Tetrachloro-m-xylene

R.T.: 3.399 min
Delta R.T.: 0.000 min
Response: 111754436
Conc: 25.69 ng/ml

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

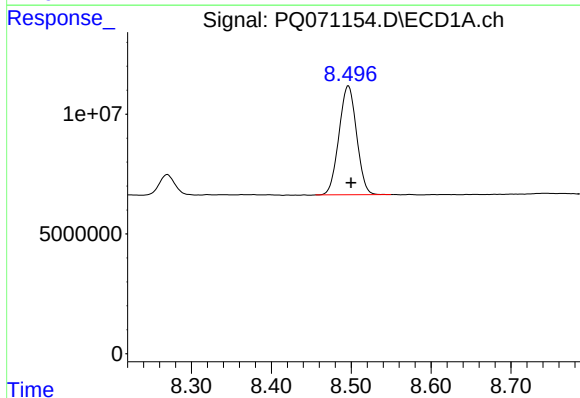
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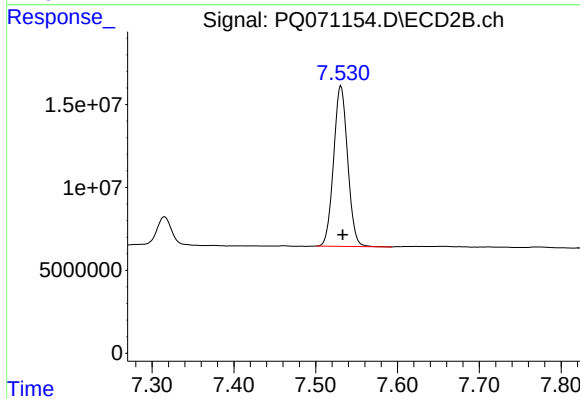
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.002 min
Response: 112916852
Conc: 22.23 ng/ml



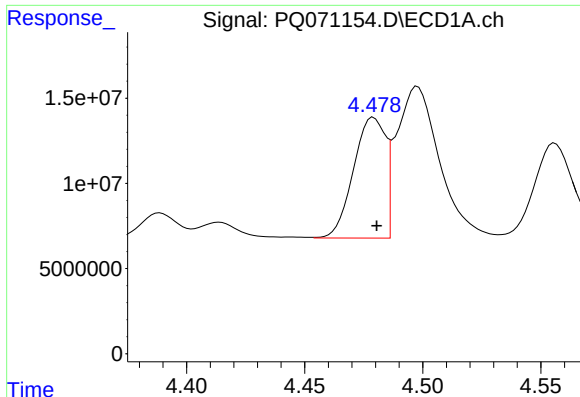
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: -0.004 min
Response: 69730856
Conc: 24.01 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.531 min
Delta R.T.: -0.002 min
Response: 115608939
Conc: 22.89 ng/ml



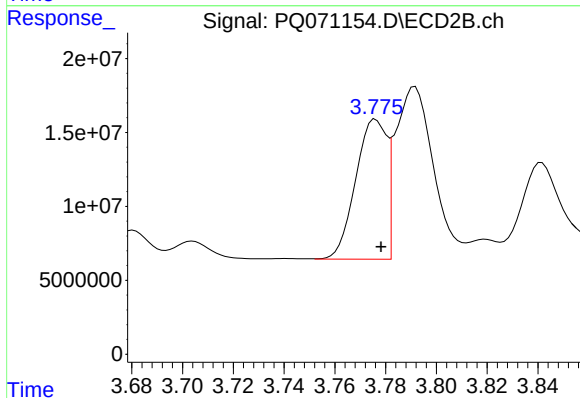
#3 AR-1016-1

R.T.: 4.478 min
Delta R.T.: -0.002 min
Response: 66133318
Conc: 402.90 ng/ml

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

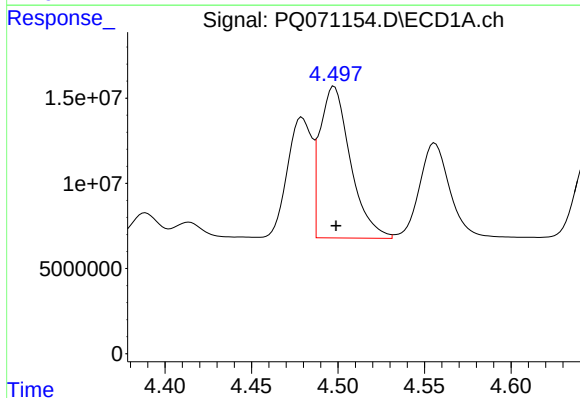
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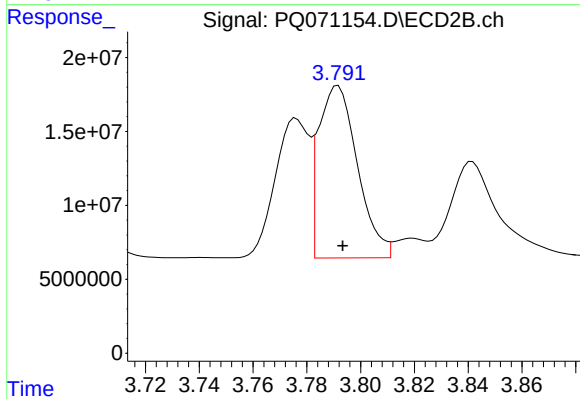
#3 AR-1016-1

R.T.: 3.775 min
Delta R.T.: -0.003 min
Response: 86839134
Conc: 387.67 ng/ml m



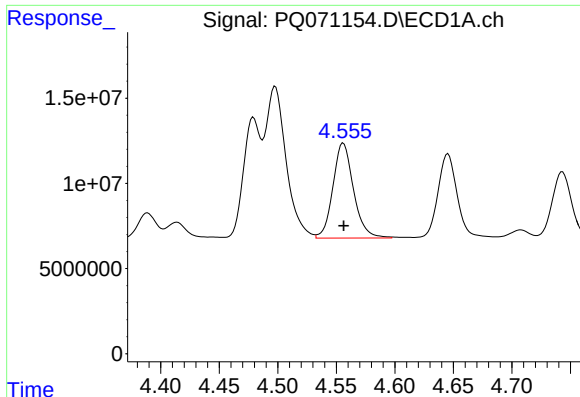
#4 AR-1016-2

R.T.: 4.497 min
Delta R.T.: -0.002 min
Response: 106578119
Conc: 415.84 ng/ml m



#4 AR-1016-2

R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 113176292
Conc: 332.75 ng/ml m



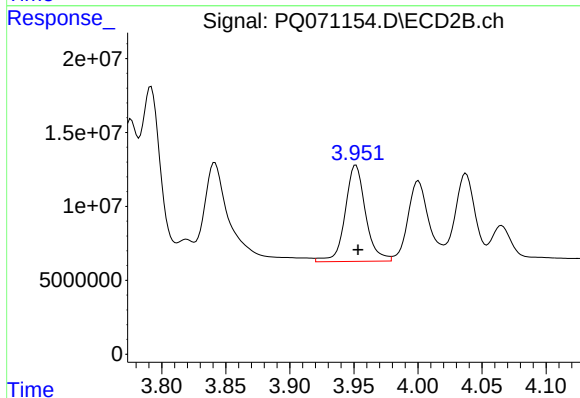
#5 AR-1016-3

R.T.: 4.555 min
Delta R.T.: -0.001 min
Response: 68384934
Conc: 429.77 ng/ml

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

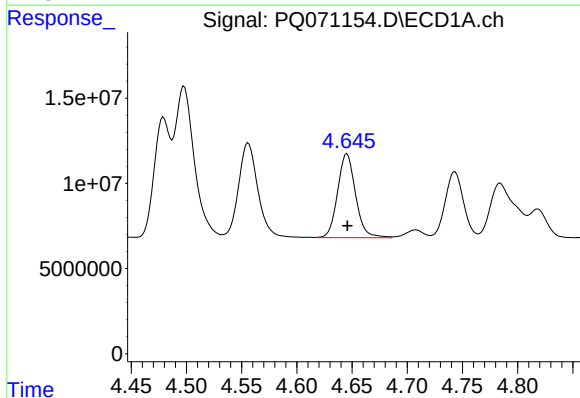
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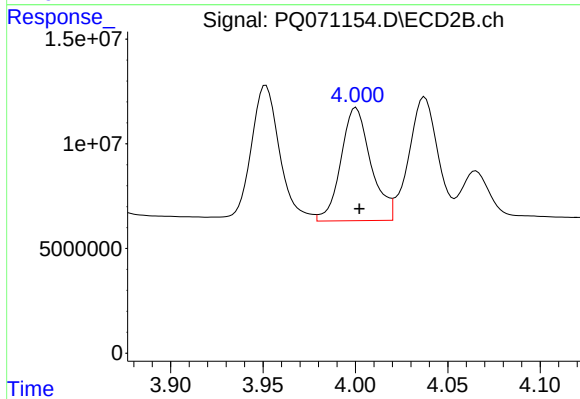
#5 AR-1016-3

R.T.: 3.952 min
Delta R.T.: -0.002 min
Response: 72254323
Conc: 397.31 ng/ml



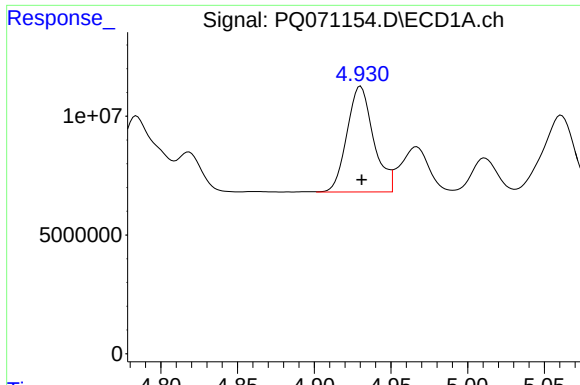
#6 AR-1016-4

R.T.: 4.645 min
Delta R.T.: -0.001 min
Response: 55794798
Conc: 429.42 ng/ml m



#6 AR-1016-4

R.T.: 4.000 min
Delta R.T.: -0.002 min
Response: 61092237
Conc: 388.10 ng/ml



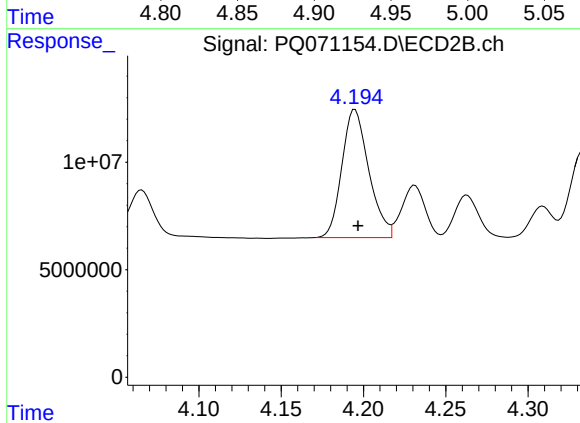
#7 AR-1016-5

R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 53701684
Conc: 416.93 ng/ml

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

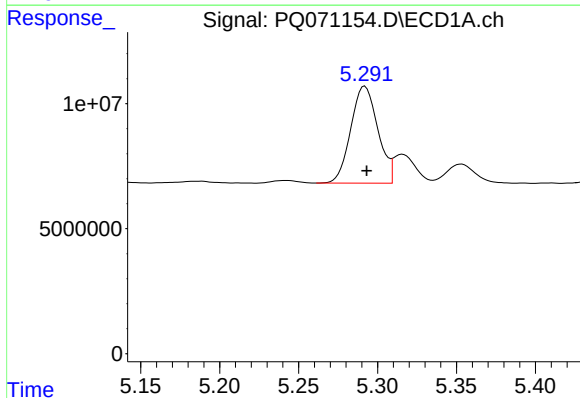
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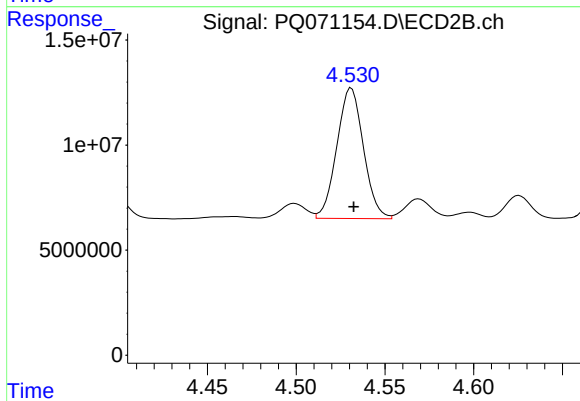
#7 AR-1016-5

R.T.: 4.195 min
Delta R.T.: -0.002 min
Response: 67804394
Conc: 353.44 ng/ml



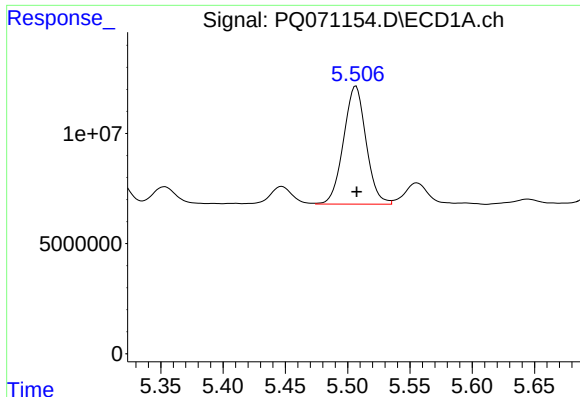
#26 AR-1254-1

R.T.: 5.292 min
Delta R.T.: -0.001 min
Response: 46316796
Conc: 235.98 ng/ml



#26 AR-1254-1

R.T.: 4.531 min
Delta R.T.: -0.001 min
Response: 64856412
Conc: 192.33 ng/ml



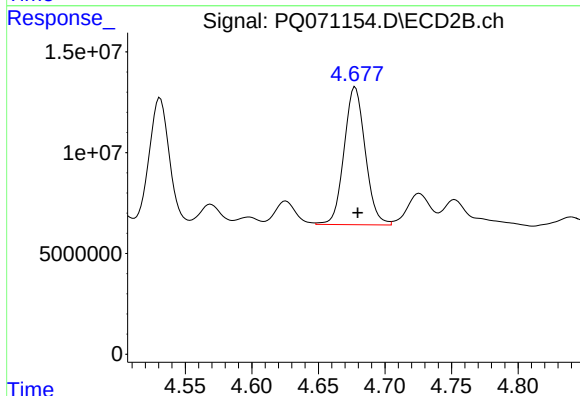
#27 AR-1254-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 67669054
Conc: 232.95 ng/ml

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

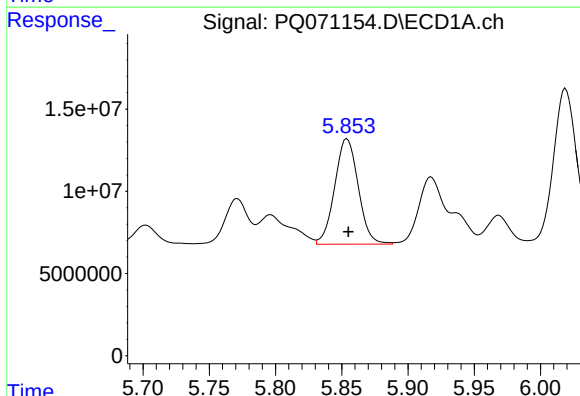
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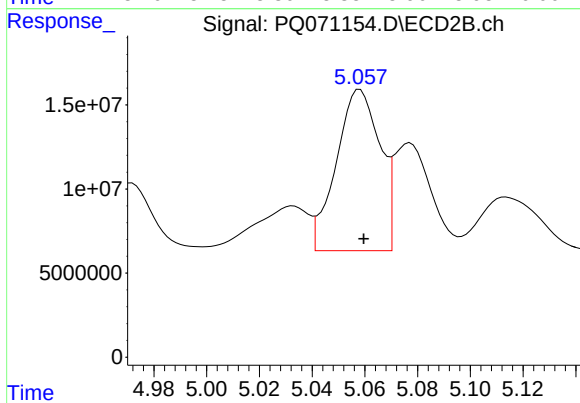
#27 AR-1254-2

R.T.: 4.678 min
Delta R.T.: -0.002 min
Response: 75430352
Conc: 253.84 ng/ml



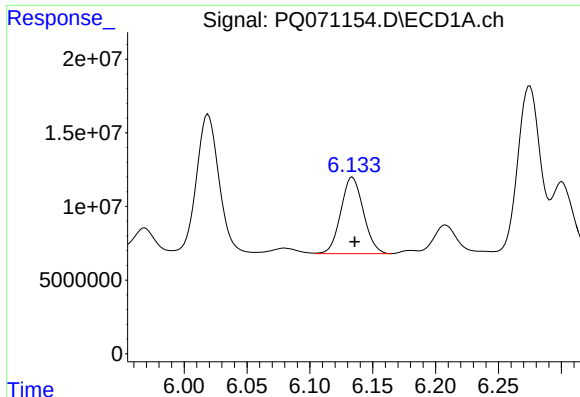
#28 AR-1254-3

R.T.: 5.854 min
Delta R.T.: -0.001 min
Response: 79307585
Conc: 258.16 ng/ml



#28 AR-1254-3

R.T.: 5.058 min
Delta R.T.: -0.001 min
Response: 109890815
Conc: 235.28 ng/ml



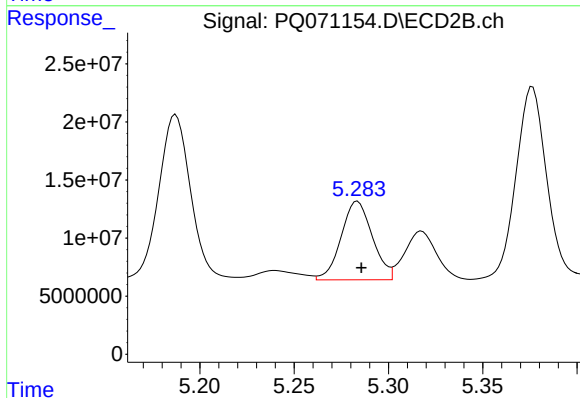
#29 AR-1254-4

R.T.: 6.134 min
Delta R.T.: -0.002 min
Response: 64884968
Conc: 295.55 ng/ml

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

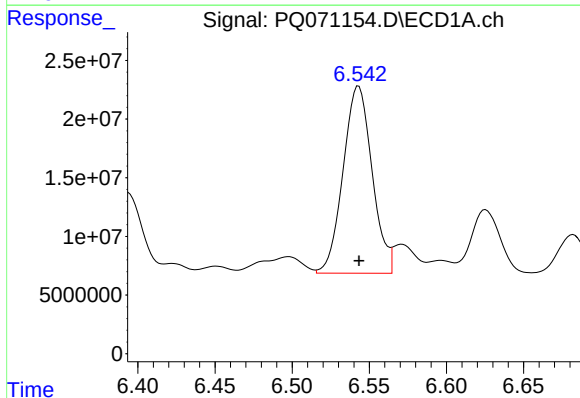
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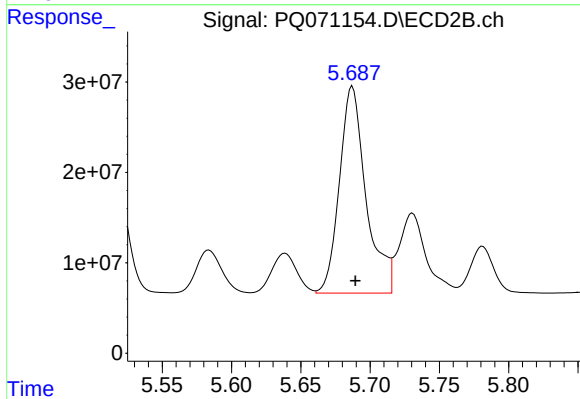
#29 AR-1254-4

R.T.: 5.284 min
Delta R.T.: -0.002 min
Response: 78163021
Conc: 264.73 ng/ml



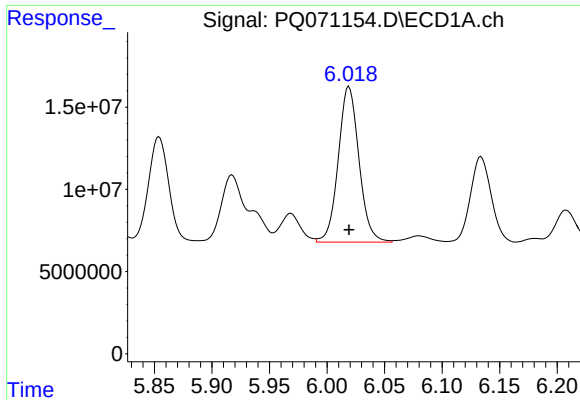
#30 AR-1254-5

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 208568568
Conc: 899.41 ng/ml



#30 AR-1254-5

R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 305564972
Conc: 726.93 ng/ml



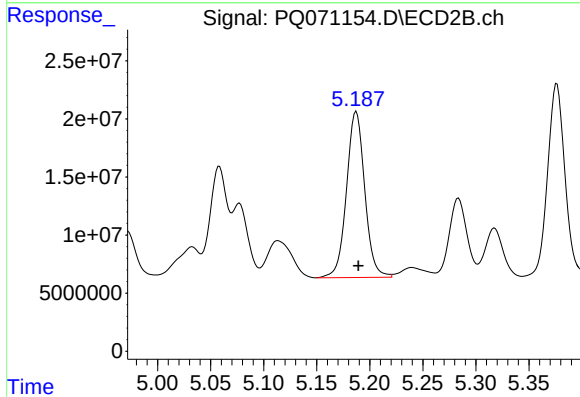
#31 AR-1260-1

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 118983533
Conc: 507.46 ng/ml

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

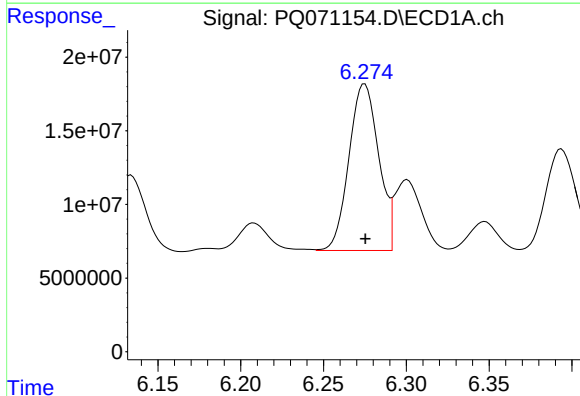
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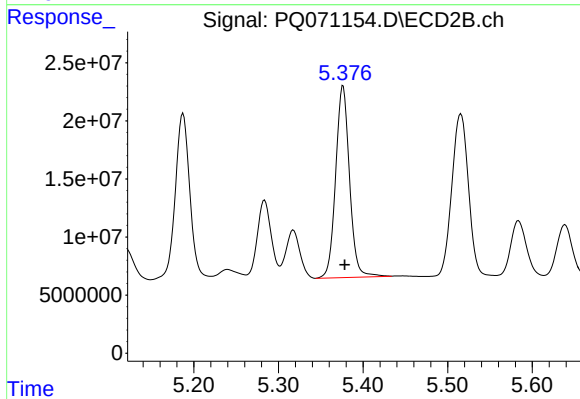
#31 AR-1260-1

R.T.: 5.187 min
Delta R.T.: -0.002 min
Response: 170621958
Conc: 473.42 ng/ml



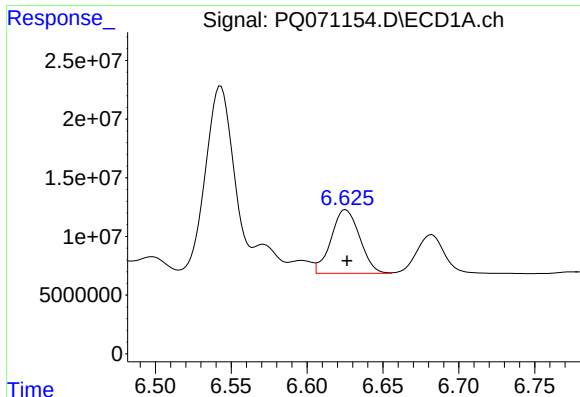
#32 AR-1260-2

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 141230493
Conc: 510.58 ng/ml



#32 AR-1260-2

R.T.: 5.376 min
Delta R.T.: -0.002 min
Response: 188166278
Conc: 427.66 ng/ml



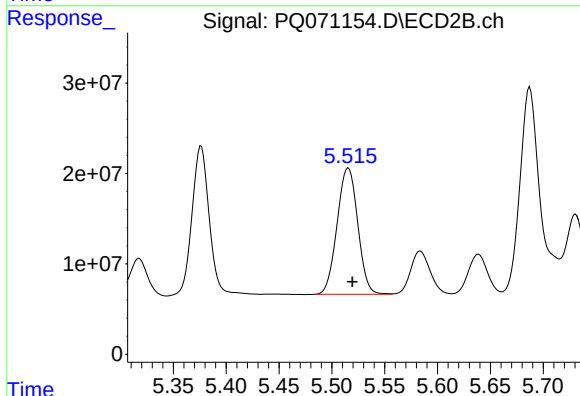
#33 AR-1260-3

R.T.: 6.625 min
Delta R.T.: 0.000 min
Response: 71042700
Conc: 356.45 ng/ml

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

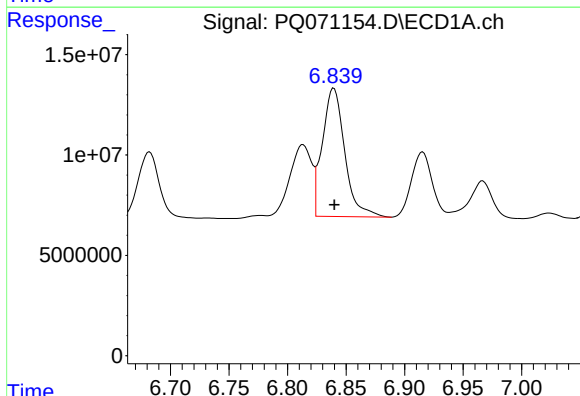
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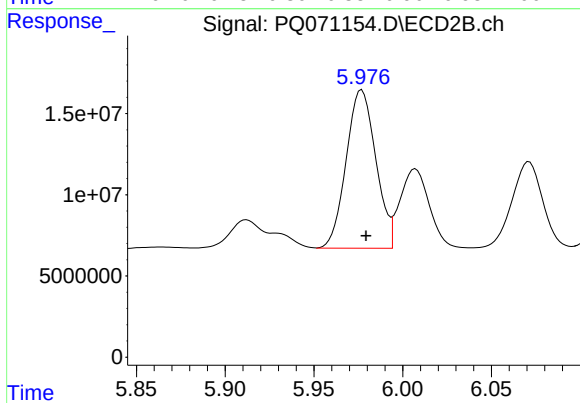
#33 AR-1260-3

R.T.: 5.516 min
Delta R.T.: -0.004 min
Response: 189801263
Conc: 457.35 ng/ml



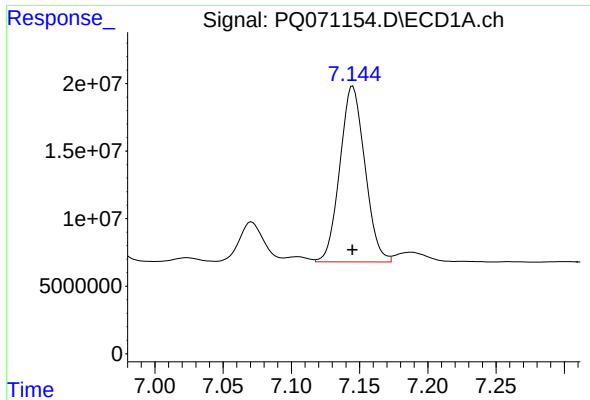
#34 AR-1260-4

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 85195497
Conc: 396.47 ng/ml



#34 AR-1260-4

R.T.: 5.977 min
Delta R.T.: -0.002 min
Response: 113227144
Conc: 314.73 ng/ml



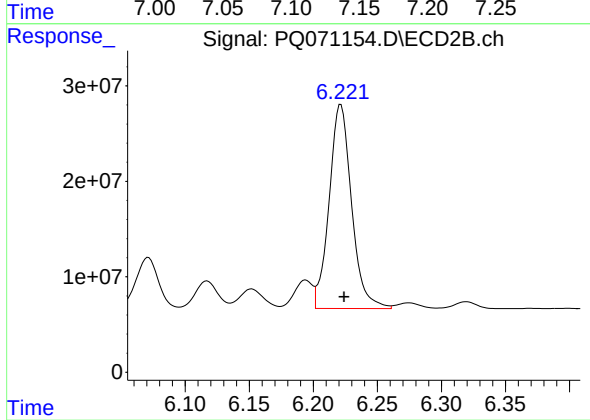
#35 AR-1260-5

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 165757125
Conc: 382.13 ng/ml

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

R.T.: 6.221 min
Delta R.T.: -0.003 min
Response: 260840669
Conc: 310.42 ng/ml