Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062623\
Data File : PD076153.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 2023 16:49
Operator : AR\AJ
Sample : 03357-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
WC-SCAN-01MSD

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 06/26/2023
Supervised By :Ankita Jodhani 06/27/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 01:20:51 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
Quant Title : GC Extractables
QLast Update : Fri Jun 16 10:43:19 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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...	3.546	2.768	34131598	18431886	16.023	16.989	
28)	SA Decachlor...	9.087	7.911	42850134	18321149	16.914	18.737	
	Target Compounds							
2)	A alpha-BHC	4.003	3.270	207.3E6	93055489	56.151	58.169	
3)	MA gamma-BHC...	4.336	3.599	189.7E6	86569267	56.390	58.754	
4)	MA Heptachlor	4.928	3.940	196.6E6	85807545	54.825	56.495	
5)	MB Aldrin	5.270	4.220	188.9E6	82965037	53.919	55.637	
6)	B beta-BHC	4.532	3.896	78392407	36331251	54.525	56.998	
7)	B delta-BHC	4.781	4.127	190.3E6	86454243	57.250	59.665	
8)	B Heptachlo...	5.698	4.722	175.9E6	77964703	54.589	56.758	
9)	A Endosulfan I	6.084	5.092	165.1E6	72863258	55.057	57.004	
10)	B gamma-Chl...	5.954	4.973	179.3E6	78933071	55.652	57.527	
11)	B alpha-Chl...	6.033	5.037	175.6E6	77286523	54.302	56.341	
12)	B 4,4'-DDE	6.205	5.226	158.0E6	70732051	55.271	63.371	
13)	MA Dieldrin	6.360	5.357	171.3E6	78024502	54.823	57.832	
14)	MA Endrin	6.590	5.633	146.9E6	70729674	54.934	58.118	
15)	B Endosulfa...	6.809	5.927	136.8E6	63437904	52.938	58.801	
16)	A 4,4'-DDD	6.723	5.780	130.7E6	60421756	57.444	68.562	
17)	MA 4,4'-DDT	7.039	6.032	133.1E6	58795424	58.657	72.382	
18)	B Endrin al...	6.938	6.106	106.7E6	49460628	53.190m	57.147	
19)	B Endosulfa...	7.175	6.329	132.6E6	64428515	52.632	59.622	
20)	A Methoxychlor	7.514	6.607	70359745	32273056	54.357	69.728	#
21)	B Endrin ke...	7.661	6.836	149.2E6	72626967	53.568	59.778	
22)	Mirex	8.137	7.018	103.5E6	54605179	48.314	52.093	

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062623\
Data File : PD076153.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 2023 16:49
Operator : AR\AJ
Sample : 03357-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
WC-SCAN-01MSD

Manual Integrations APPROVED

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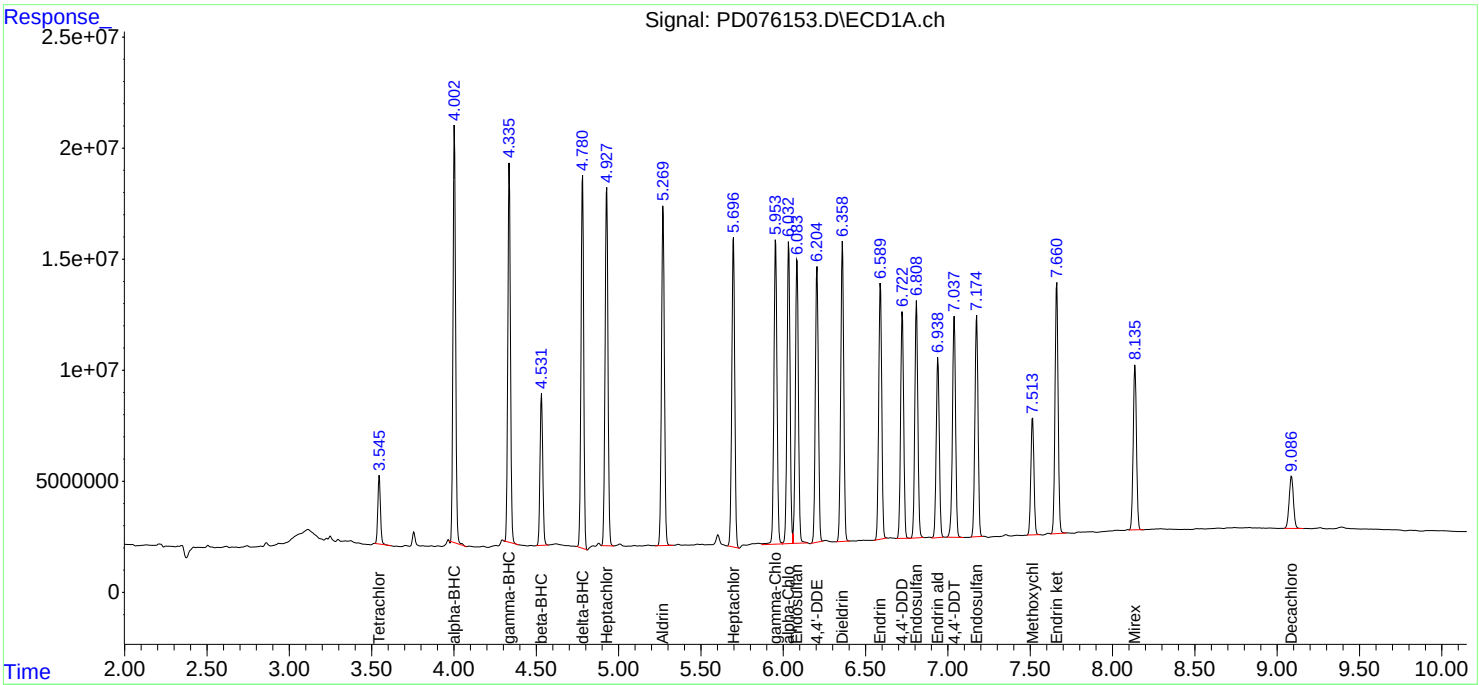
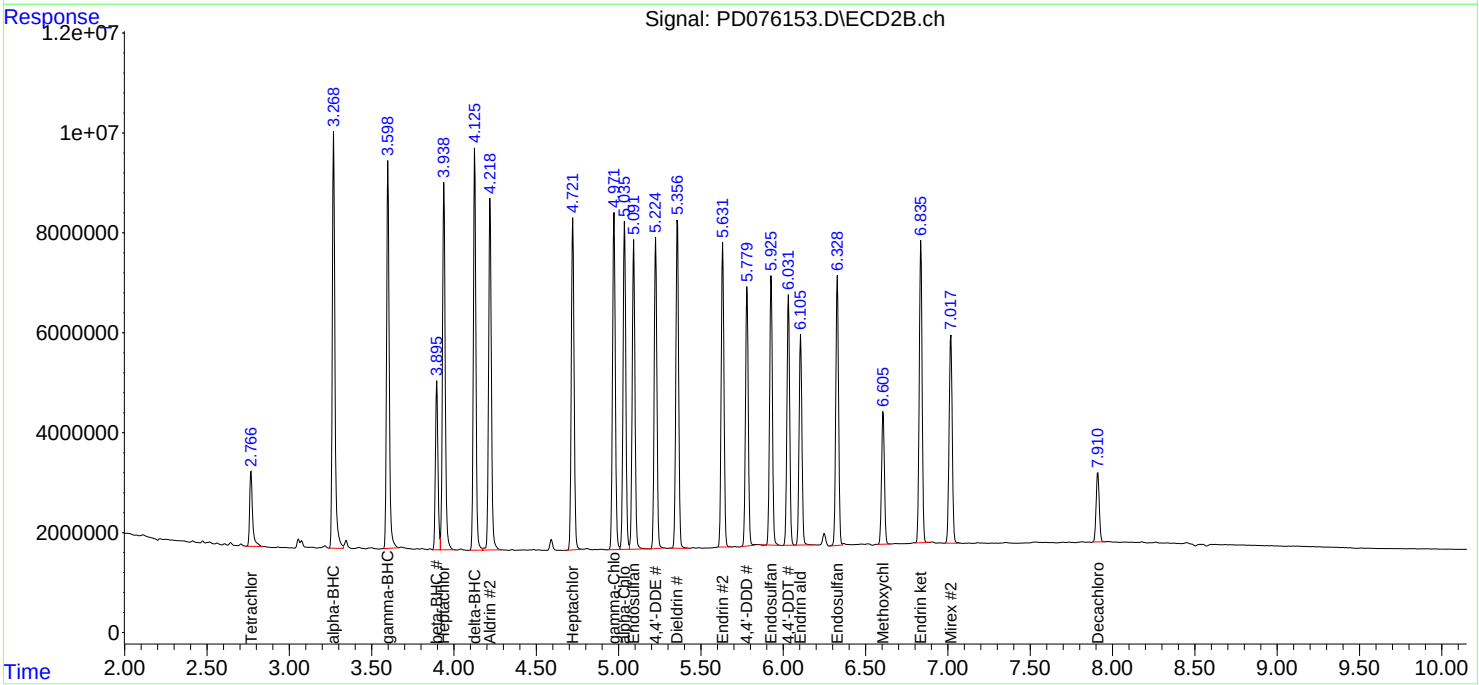
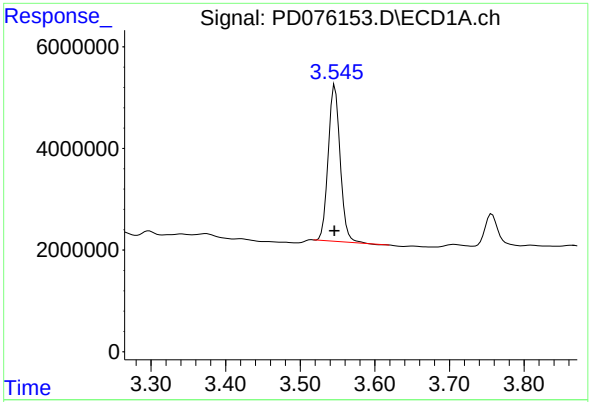
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 01:20:51 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
Quant Title : GC Extractables
QLast Update : Fri Jun 16 10:43:19 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm







#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 34131598
Conc: 16.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-SCAN-01MSD

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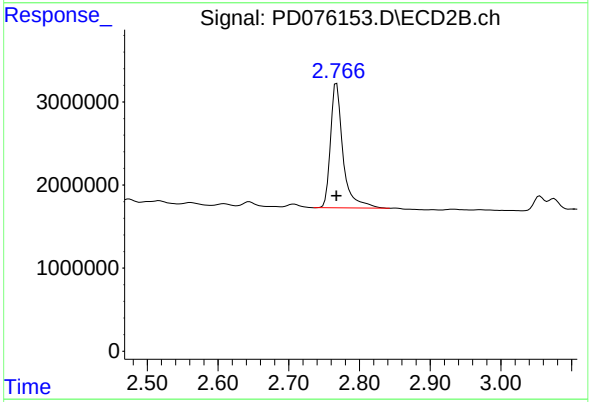
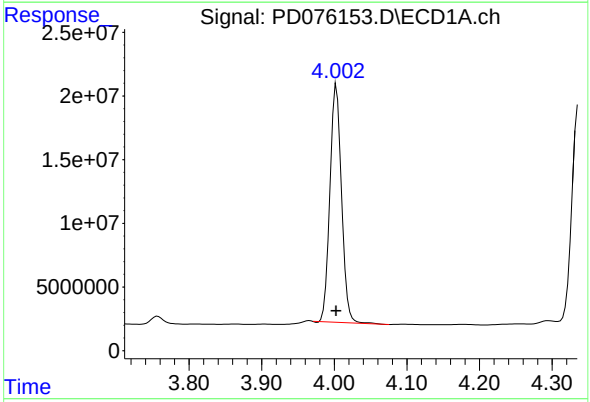


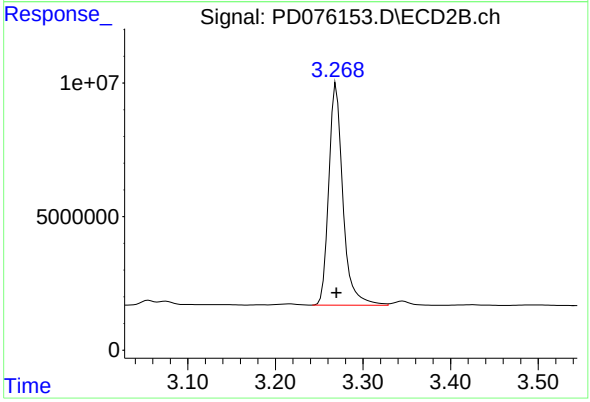
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 18431886
Conc: 16.99 ng/ml



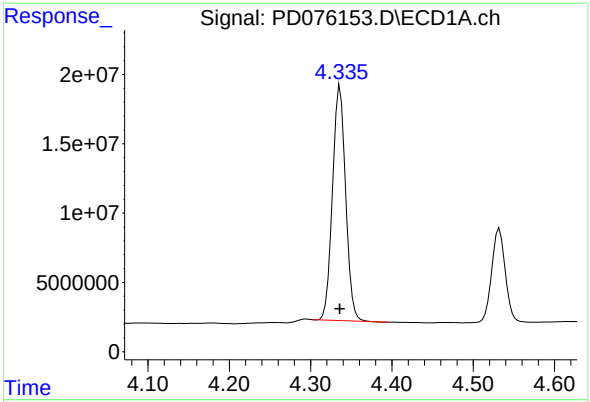
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 207314149
Conc: 56.15 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 93055489
Conc: 58.17 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.336 min
Delta R.T.: 0.000 min
Response: 189746853
Conc: 56.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-SCAN-01MSD

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Reviewed By :Abdul Mirza 06/26/2023
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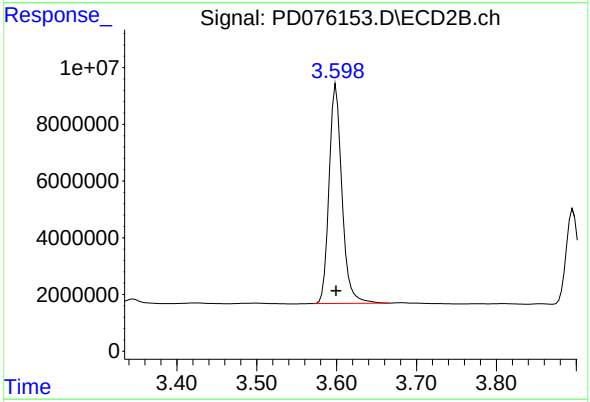
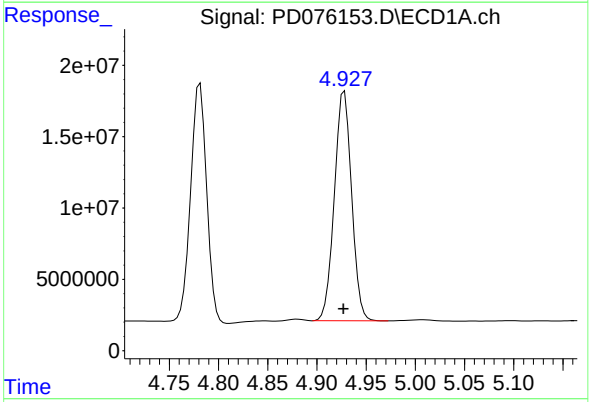


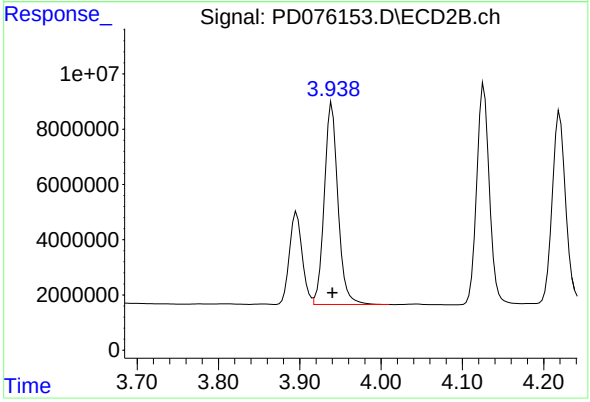
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 86569267
Conc: 58.75 ng/ml



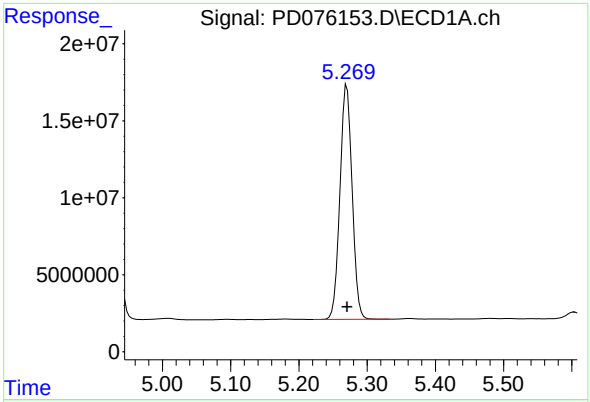
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 196636547
Conc: 54.83 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: 0.000 min
Response: 85807545
Conc: 56.49 ng/ml



#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 188944795
Conc: 53.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-SCAN-01MSD

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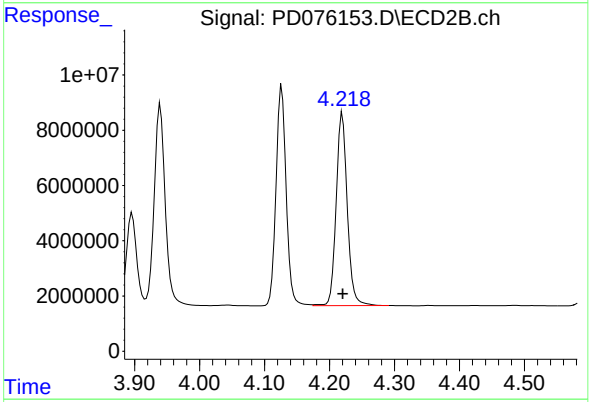
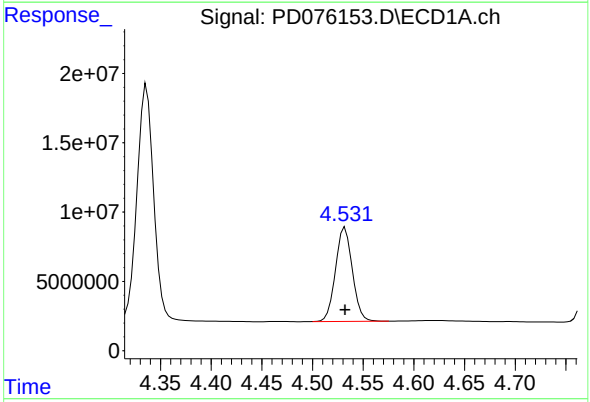


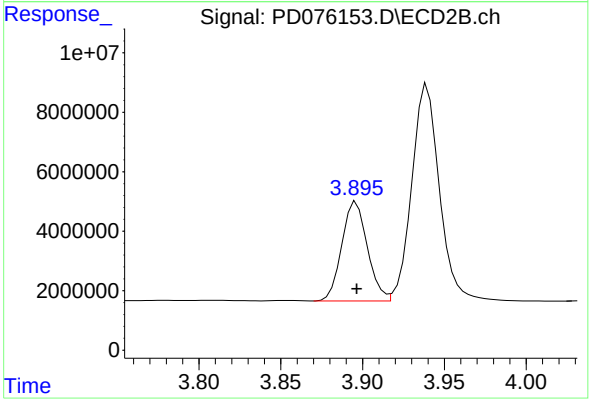
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: 0.000 min
Response: 82965037
Conc: 55.64 ng/ml



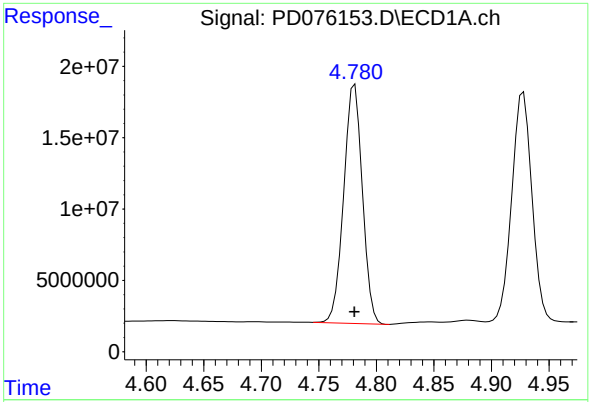
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 78392407
Conc: 54.53 ng/ml



#6 beta-BHC

R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 36331251
Conc: 57.00 ng/ml



#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: 0.000 min
Response: 190279553
Conc: 57.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-SCAN-01MSD

Manual Integrations APPROVED

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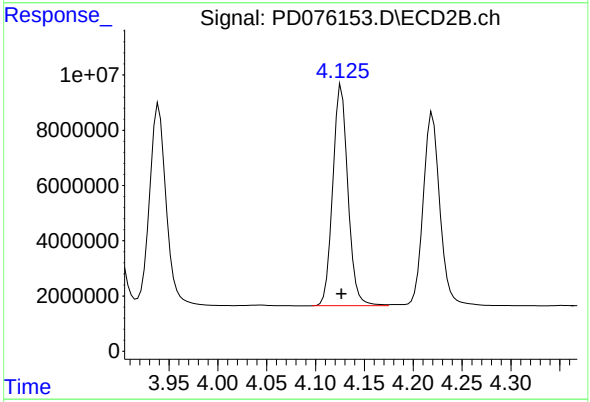
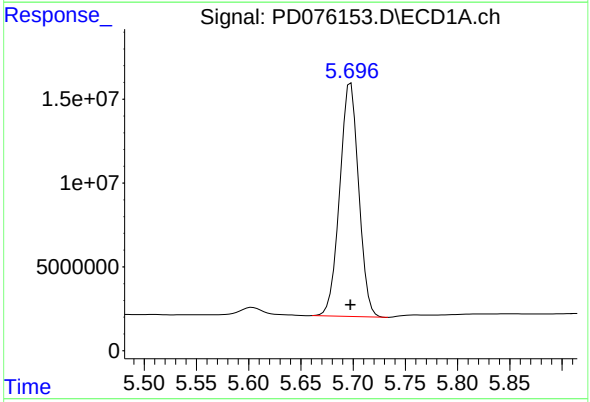


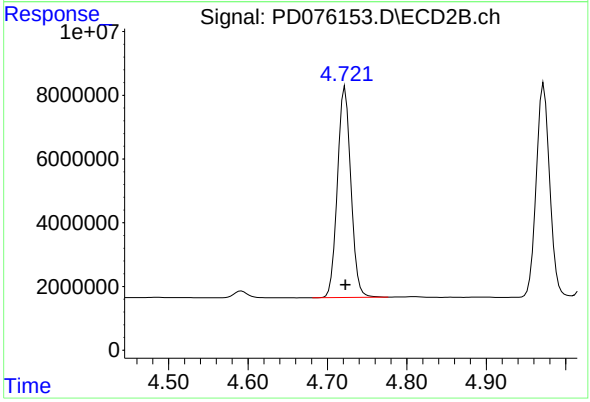
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: 0.000 min
Response: 86454243
Conc: 59.67 ng/ml



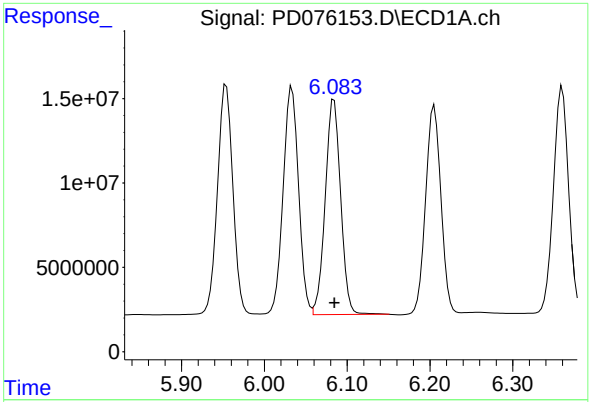
#8 Heptachlor epoxide

R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 175900714
Conc: 54.59 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 77964703
Conc: 56.76 ng/ml



#9 Endosulfan I

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 165142709
Conc: 55.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-SCAN-01MSD

Manual Integrations
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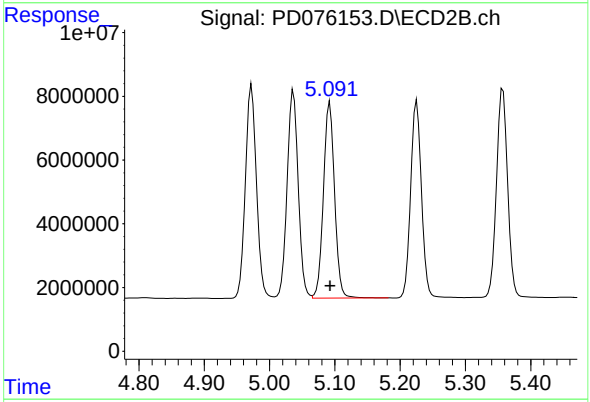
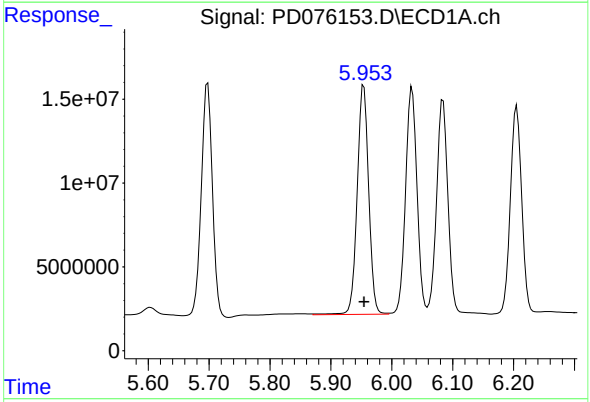


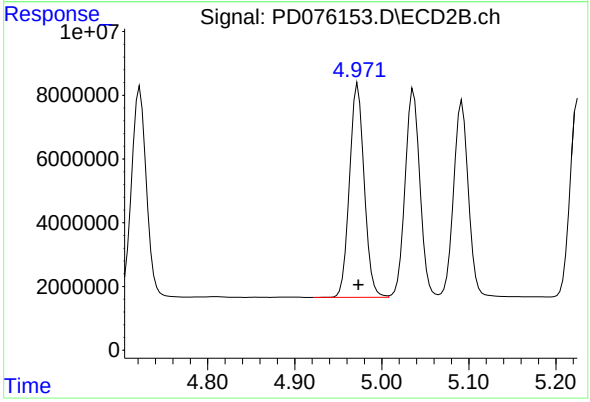
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: 0.000 min
Response: 72863258
Conc: 57.00 ng/ml



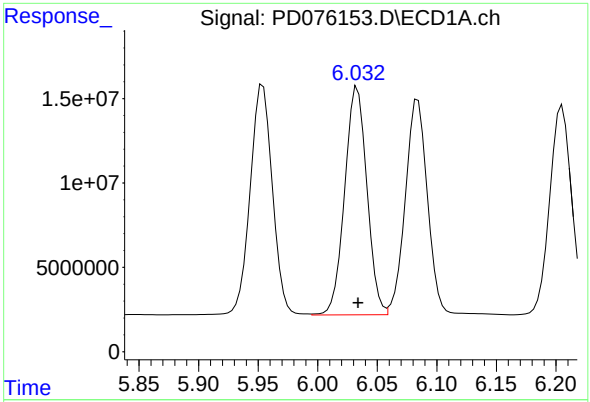
#10 gamma-Chlordane

R.T.: 5.954 min
Delta R.T.: 0.000 min
Response: 179273336
Conc: 55.65 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 78933071
Conc: 57.53 ng/ml



#11 alpha-Chlordane

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 175551852
Conc: 54.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-SCAN-01MSD

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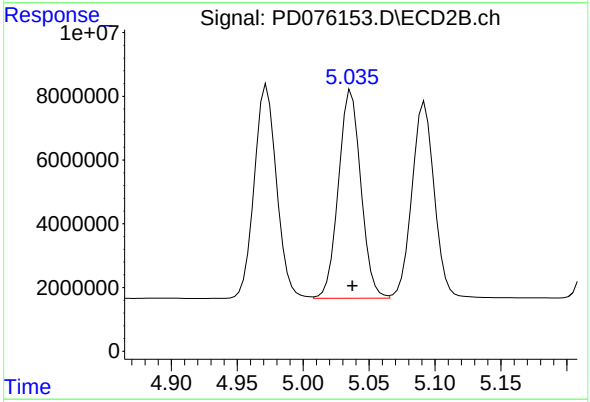
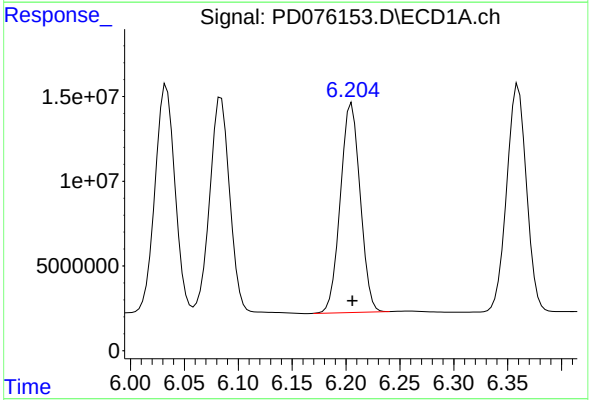


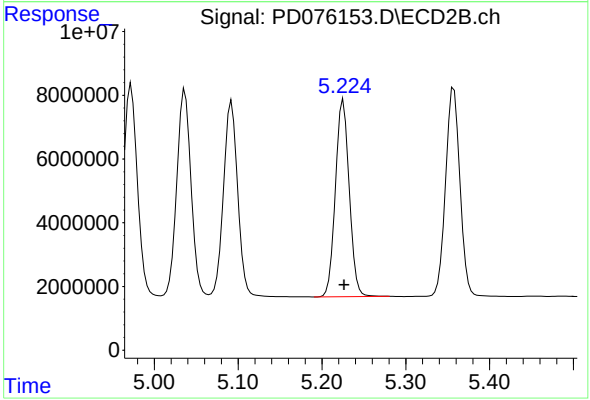
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 77286523
Conc: 56.34 ng/ml



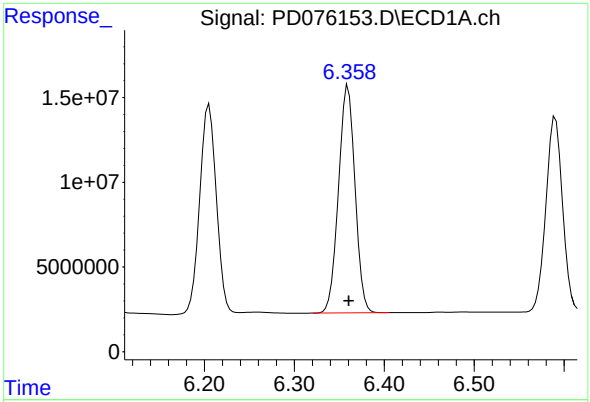
#12 4,4'-DDE

R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 157971275
Conc: 55.27 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: -0.001 min
Response: 70732051
Conc: 63.37 ng/ml



#13 Dieldrin

R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 171321776
Conc: 54.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-SCAN-01MSD

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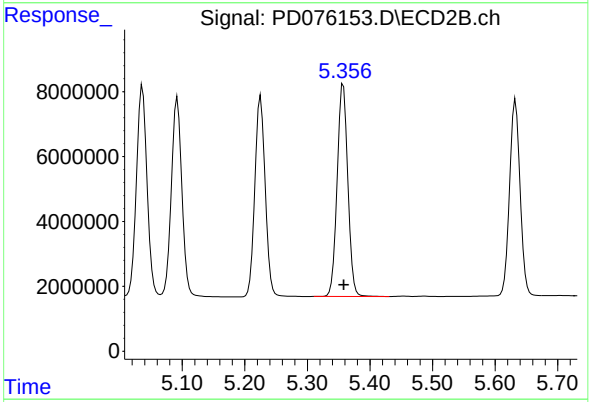
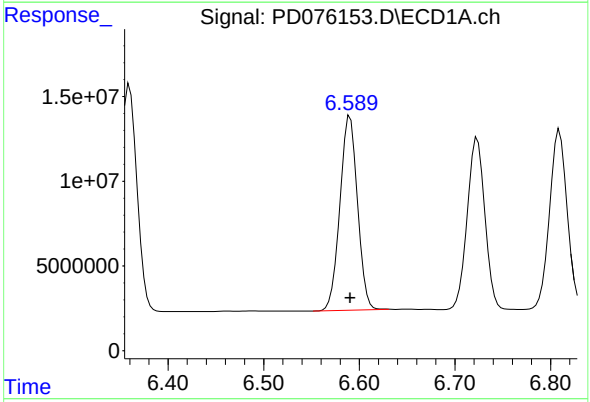


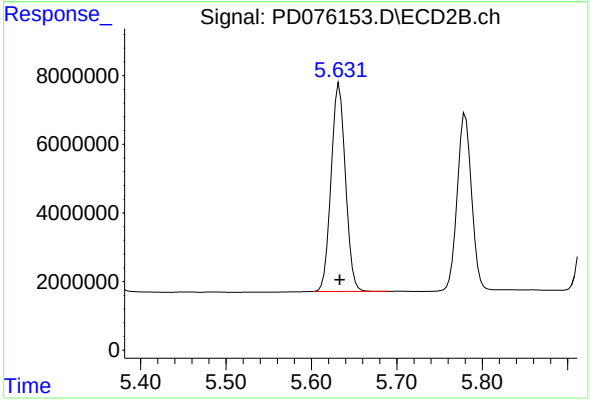
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 78024502
Conc: 57.83 ng/ml



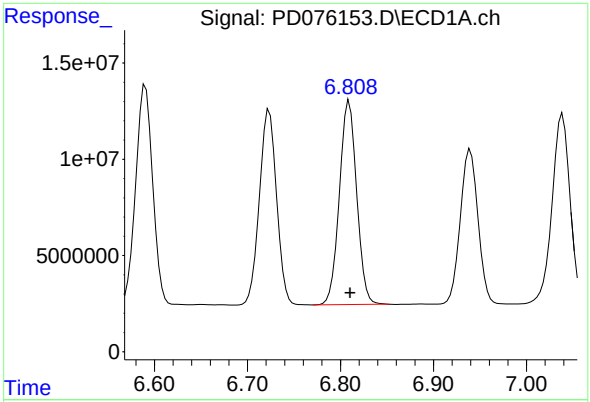
#14 Endrin

R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 146910987
Conc: 54.93 ng/ml



#14 Endrin

R.T.: 5.633 min
Delta R.T.: 0.000 min
Response: 70729674
Conc: 58.12 ng/ml



#15 Endosulfan II

R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 136772730
Conc: 52.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-SCAN-01MSD

Manual Integrations
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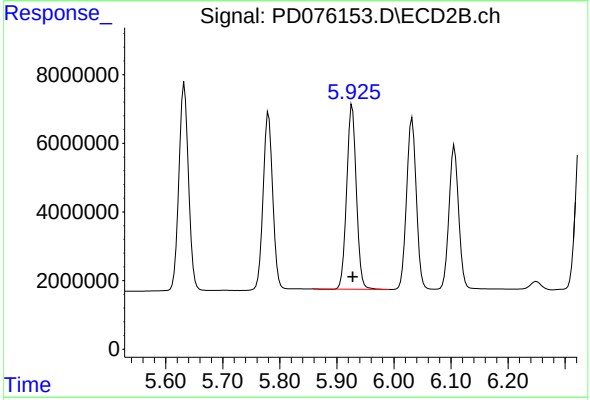
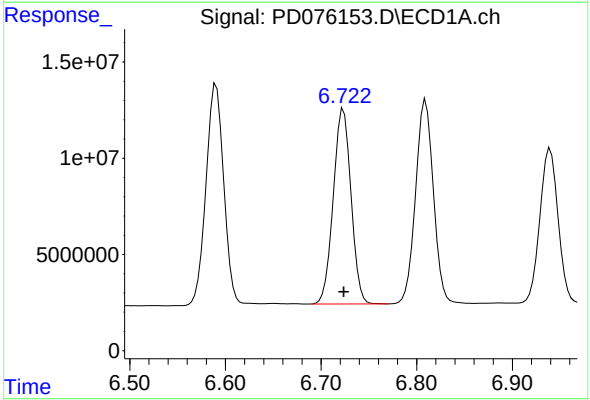
Supervised By :Ankita Jodhani 06/27/2023



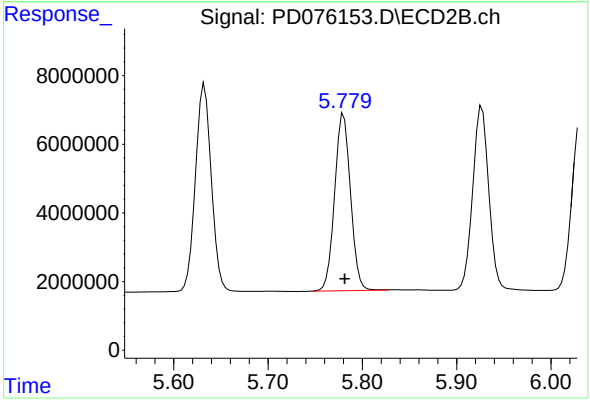
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: -0.001 min
Response: 63437904
Conc: 58.80 ng/ml



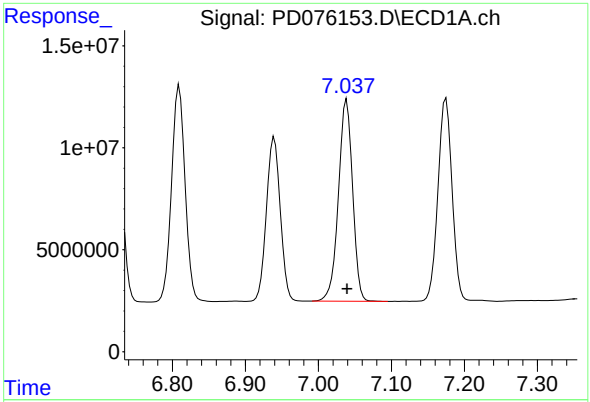
#16 4,4'-DDD

R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 130720719
Conc: 57.44 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 60421756
Conc: 68.56 ng/ml



#17 4,4'-DDT

R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 133109255
Conc: 58.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-SCAN-01MSD

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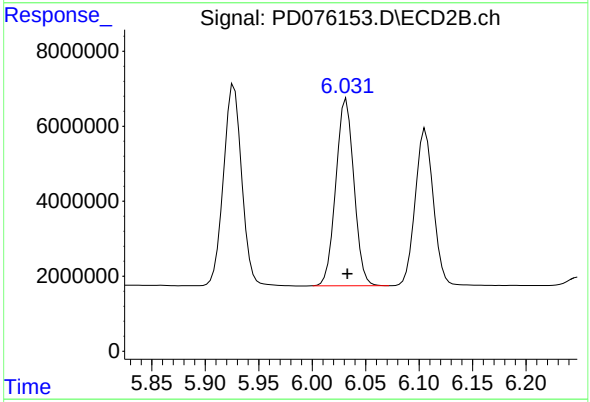
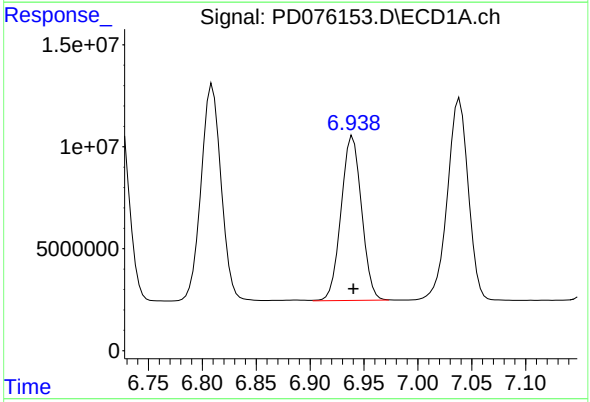


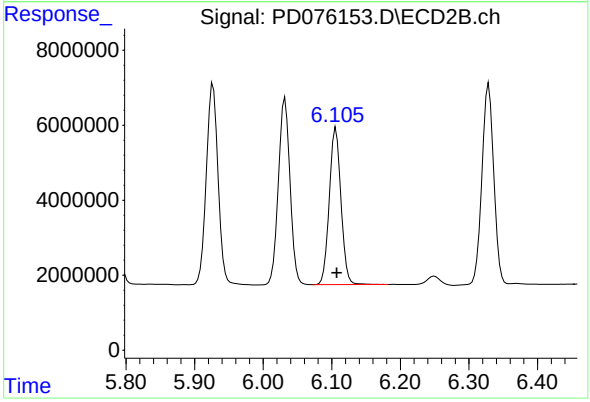
#17 4,4'-DDT

R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 58795424
Conc: 72.38 ng/ml



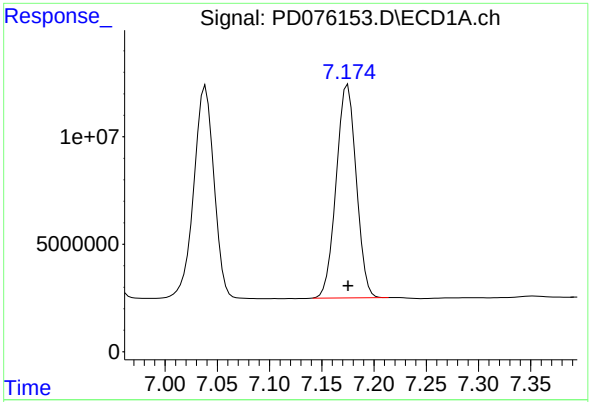
#18 Endrin aldehyde

R.T.: 6.938 min
Delta R.T.: -0.002 min
Response: 106731529
Conc: 53.19 ng/ml m



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.001 min
Response: 49460628
Conc: 57.15 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 132599288
Conc: 52.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-SCAN-01MSD

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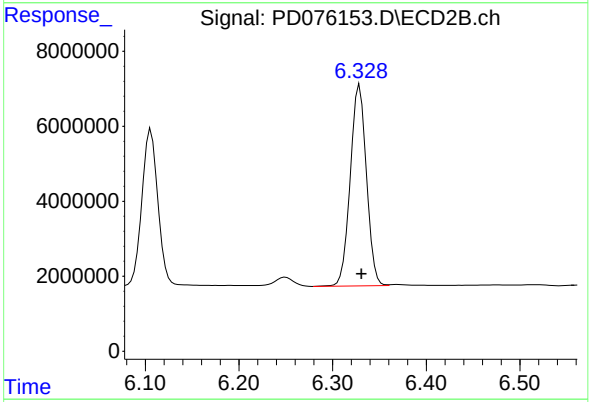
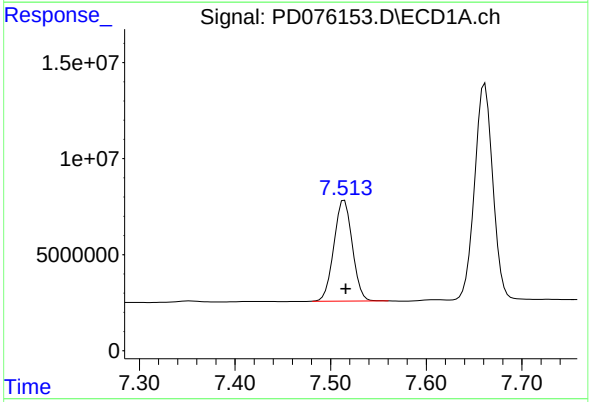


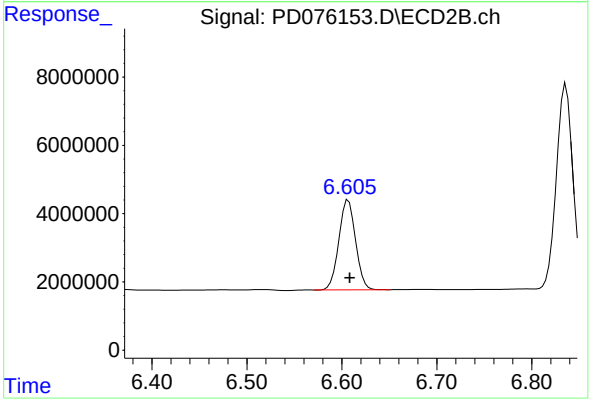
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.002 min
Response: 64428515
Conc: 59.62 ng/ml



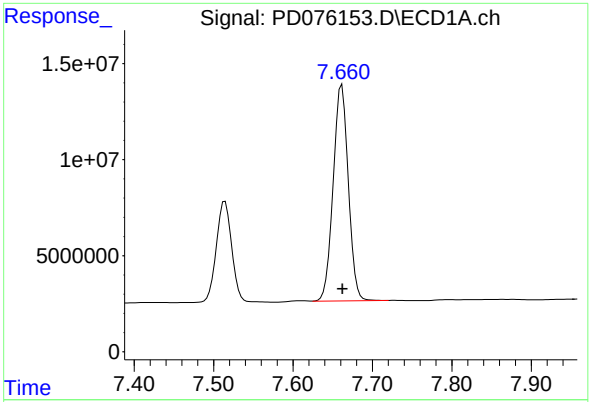
#20 Methoxychlor

R.T.: 7.514 min
Delta R.T.: -0.001 min
Response: 70359745
Conc: 54.36 ng/ml



#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: -0.001 min
Response: 32273056
Conc: 69.73 ng/ml



#21 Endrin ketone

R.T.: 7.661 min
Delta R.T.: -0.001 min
Response: 149236977
Conc: 53.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-SCAN-01MSD

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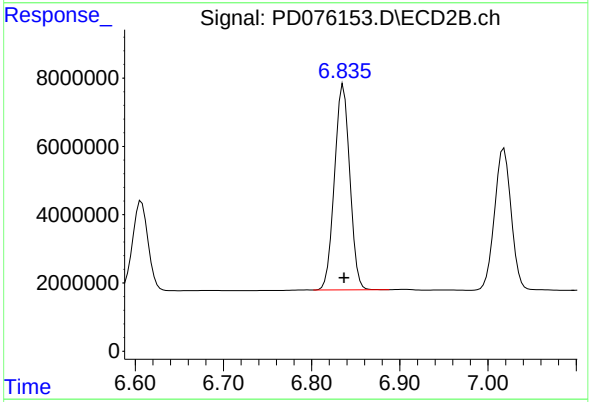
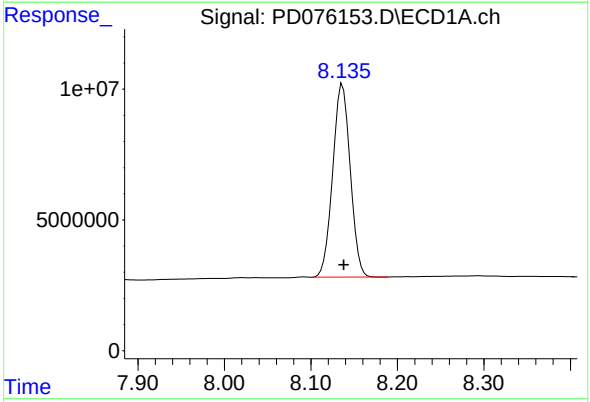


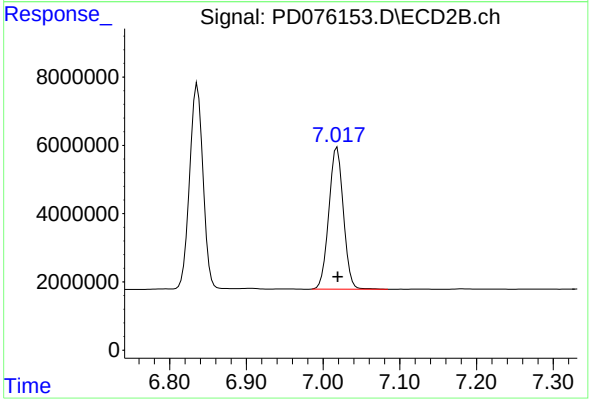
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 72626967
Conc: 59.78 ng/ml



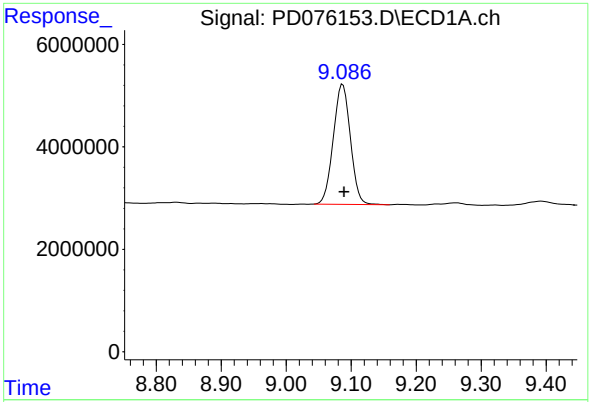
#22 Mirex

R.T.: 8.137 min
Delta R.T.: -0.001 min
Response: 103515574
Conc: 48.31 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 54605179
Conc: 52.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: -0.002 min
Response: 42850134
Conc: 16.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-SCAN-01MSD

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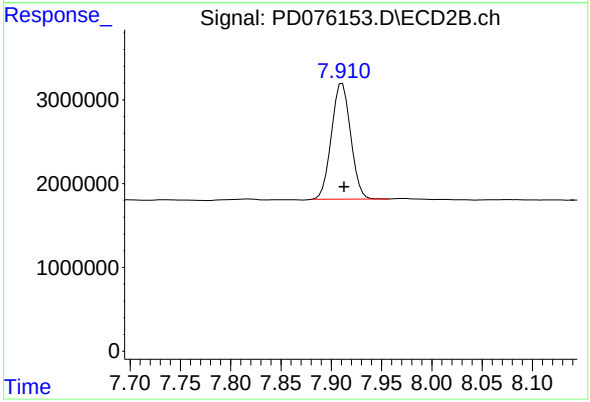

#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: -0.002 min
Response: 18321149
Conc: 18.74 ng/ml