

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101625\
 Data File : PD090632.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2025 14:53
 Operator : AR\AJ
 Sample : Q3348-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 WCS-TP1MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/17/2025
 Supervised By :Sohil Jodhani 10/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 04:59:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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...	3.547	2.873	48085734	478.6E6	14.794m	17.435m
28)	SA Decachlor...	9.071	8.063	76916378	424.9E6	15.941	13.108
Target Compounds							
2)	A alpha-BHC	3.998	3.387	342.0E6	2254.0E6	48.972	51.482
3)	MA gamma-BHC...	4.329	3.723	316.8E6	2063.3E6	47.877	50.652
4)	MA Heptachlor	4.927	4.075	256.4E6	1886.7E6	38.775	46.338
5)	MB Aldrin	5.269	4.361	300.4E6	2013.0E6	47.302	50.408
6)	B beta-BHC	4.516	4.019	115.7E6	885.8E6	44.858	51.098
7)	B delta-BHC	4.763	4.256	315.9E6	2067.6E6	48.918m	50.070
8)	B Heptachlo...	5.687	4.865	263.8E6	1814.2E6	46.152m	49.212
9)	A Endosulfan I	6.073	5.239	248.0E6	1575.0E6	45.905	45.513
10)	B gamma-Chl...	5.944	5.118	257.8E6	1899.7E6	45.135	48.355
11)	B alpha-Chl...	6.025	5.182	267.7E6	1819.7E6	46.477	48.311
12)	B 4,4'-DDE	6.194	5.367	235.5E6	1839.7E6	45.228	48.060
13)	MA Dieldrin	6.345	5.505	262.3E6	1881.0E6	45.496	48.298
14)	MA Endrin	6.573	5.781	227.9E6	1679.2E6	46.570	46.864
15)	B Endosulfa...	6.785	6.073	220.5E6	1627.1E6	45.211	48.209
16)	A 4,4'-DDD	6.704	5.922	186.6E6	1447.2E6	45.532	44.628
17)	MA 4,4'-DDT	7.020	6.175	178.2E6	1452.9E6	40.022	42.260
18)	B Endrin al...	6.914	6.251	163.4E6	1147.8E6	47.624	48.747
19)	B Endosulfa...	7.149	6.475	202.3E6	1459.8E6	43.982	44.656
20)	A Methoxychlor	7.492	6.746	89652986	683.7E6	38.045	39.293
21)	B Endrin ke...	7.629	6.984	216.0E6	1491.8E6	43.651	41.319
22)	Mirex	8.112	7.177	150.5E6	987.2E6	40.617	35.760

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101625\
Data File : PD090632.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2025 14:53
Operator : AR\AJ
Sample : Q3348-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

WCS-TP1MS

Manual Integrations

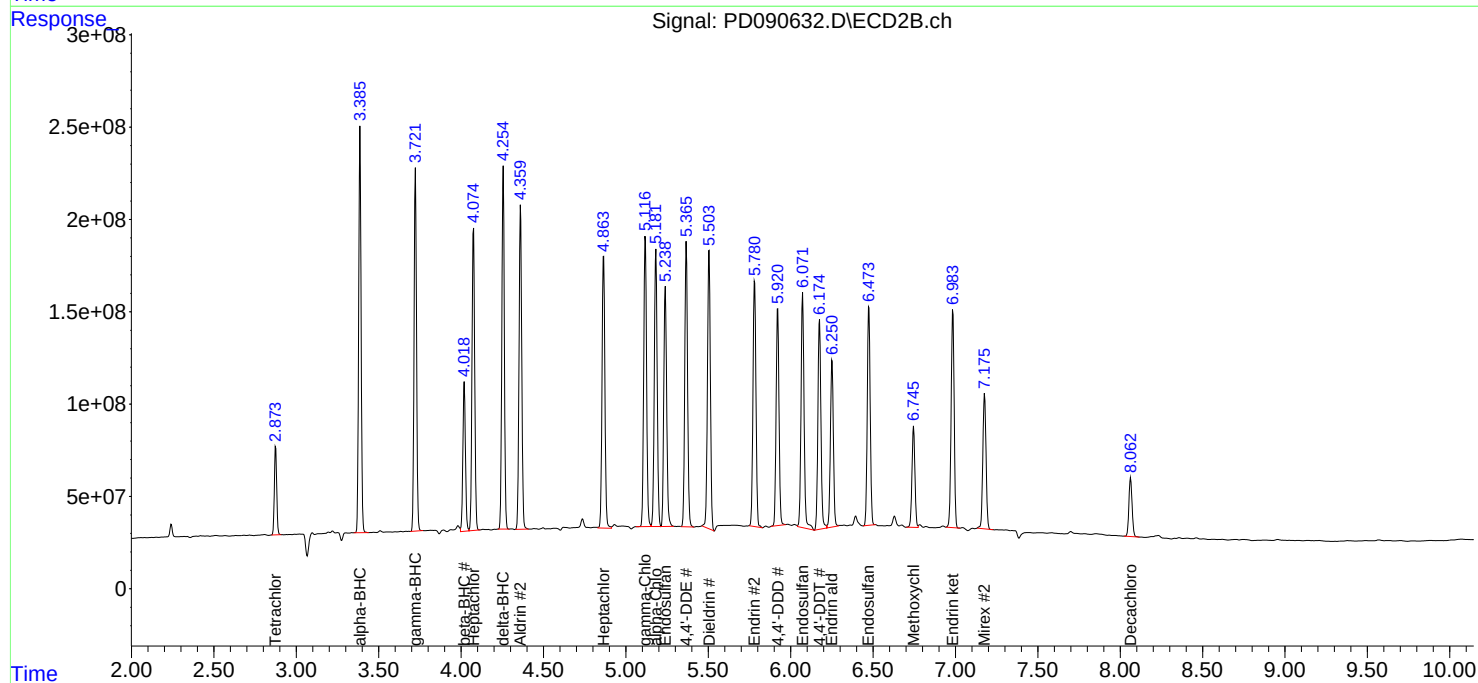
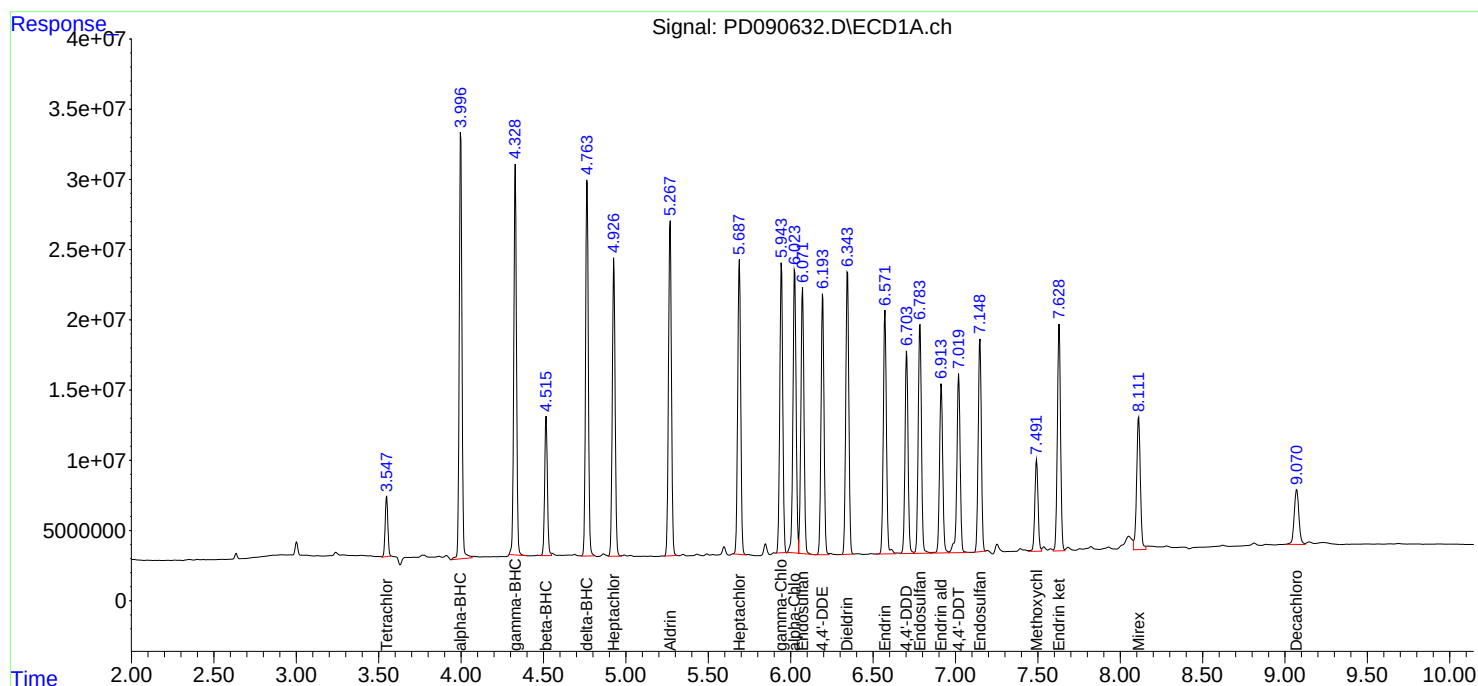
APPROVED

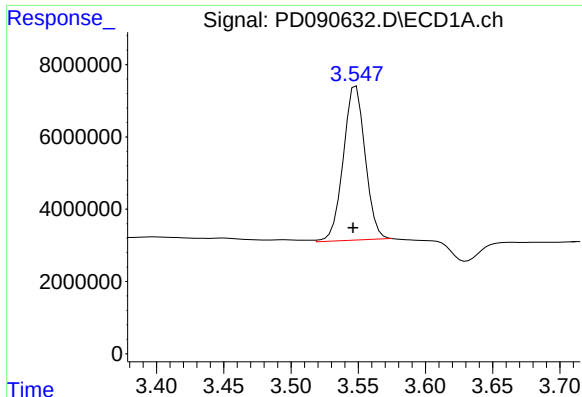
Reviewed By :Abdul Mirza 10/17/2025

Supervised By :Sohil Jodhani 10/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 04:59:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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





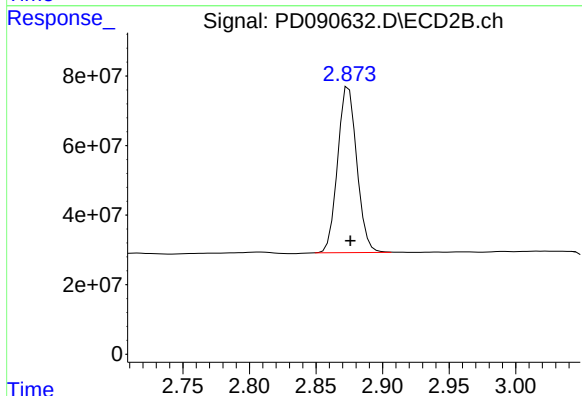
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 48085734
Conc: 14.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
WCS-TP1MS

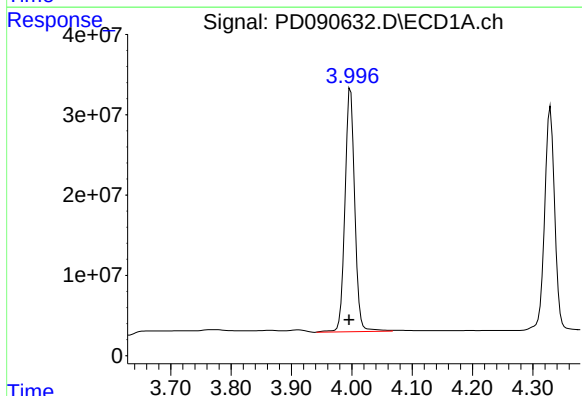
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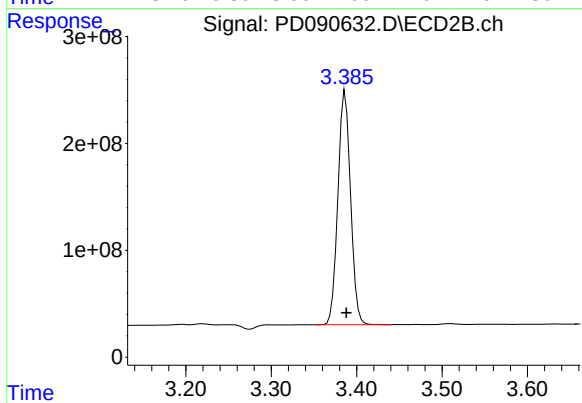
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.003 min
Response: 478600867
Conc: 17.44 ng/ml m



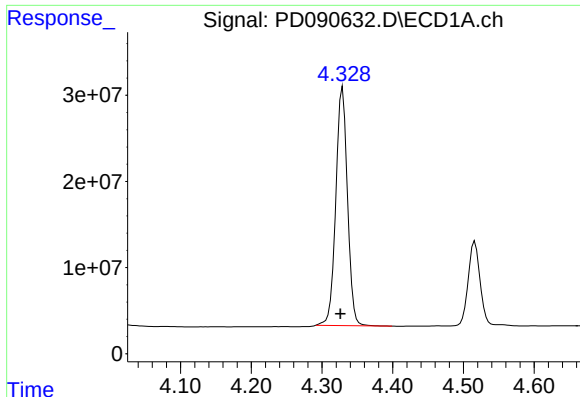
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.002 min
Response: 342047024
Conc: 48.97 ng/ml



#2 alpha-BHC

R.T.: 3.387 min
Delta R.T.: -0.001 min
Response: 2254025993
Conc: 51.48 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.003 min
Response: 316798764
Conc: 47.88 ng/ml

Instrument :

ECD_D

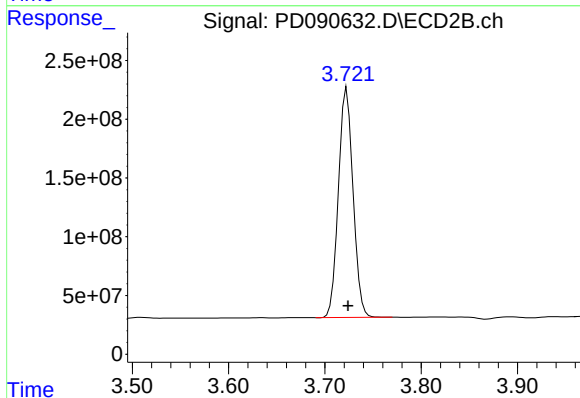
ClientSampleId :

WCS-TP1MS

Manual Integrations

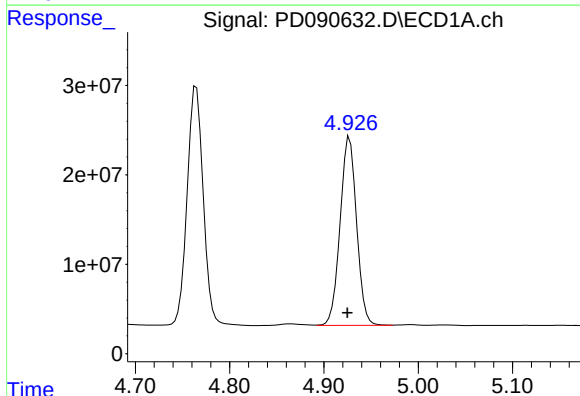
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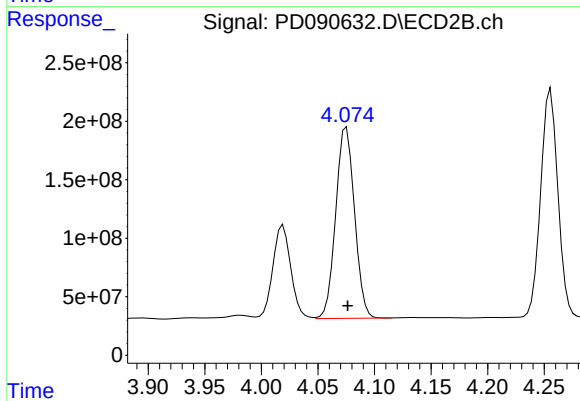
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 2063348223
Conc: 50.65 ng/ml



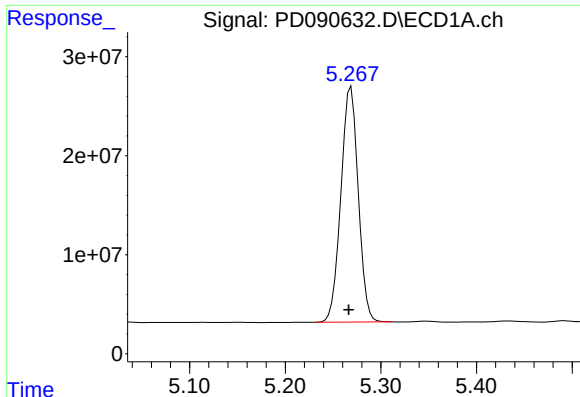
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.002 min
Response: 256400153
Conc: 38.77 ng/ml



#4 Heptachlor

R.T.: 4.075 min
Delta R.T.: -0.001 min
Response: 1886724659
Conc: 46.34 ng/ml



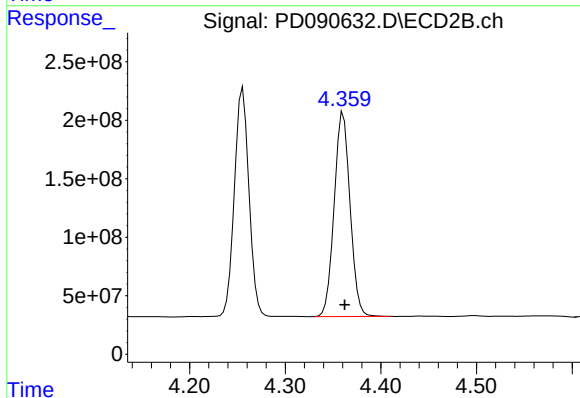
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.002 min
Response: 300362225
Conc: 47.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
WCS-TP1MS

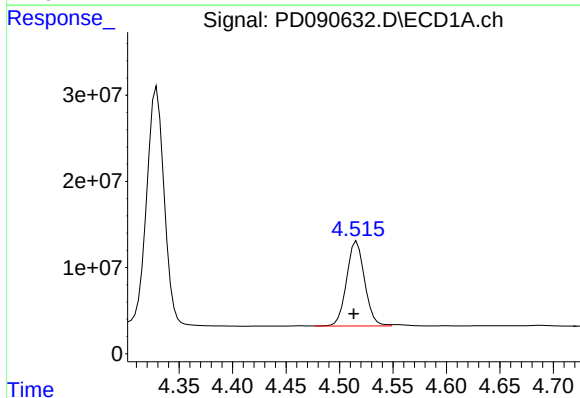
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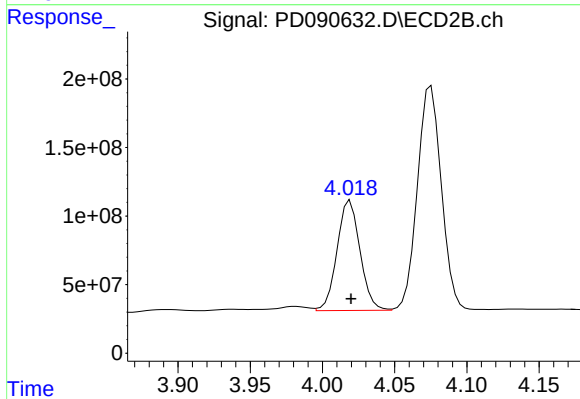
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: -0.001 min
Response: 2013035300
Conc: 50.41 ng/ml



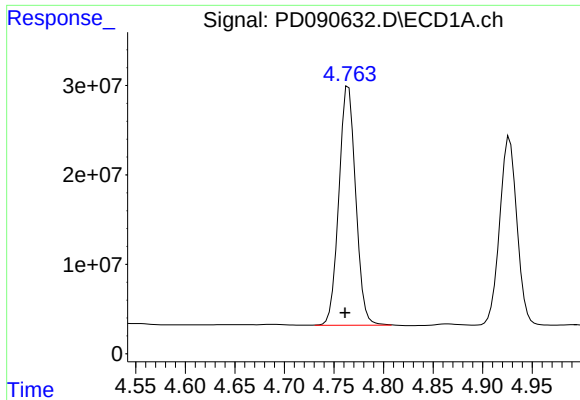
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.003 min
Response: 115730708
Conc: 44.86 ng/ml



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 885800851
Conc: 51.10 ng/ml



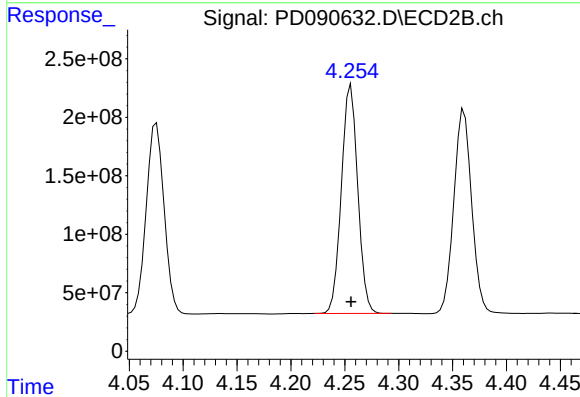
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: 0.002 min
Response: 315886339
Conc: 48.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
WCS-TP1MS

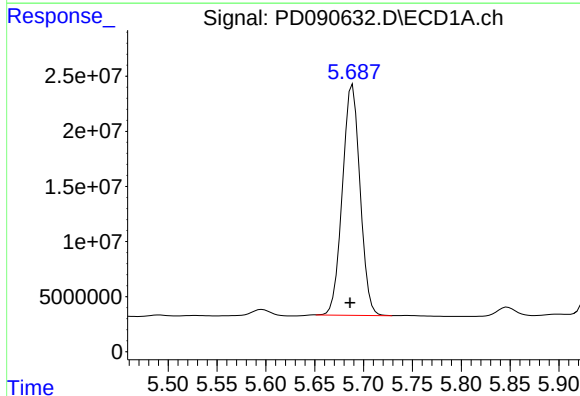
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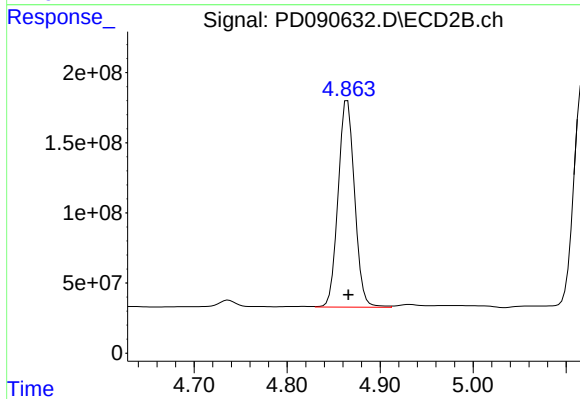
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 2067644183
Conc: 50.07 ng/ml



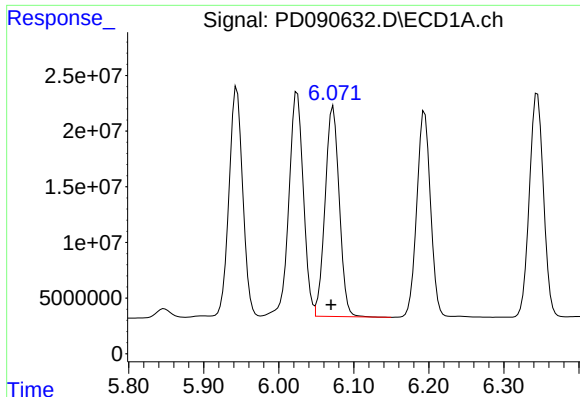
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: 0.001 min
Response: 263757024
Conc: 46.15 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.865 min
Delta R.T.: 0.000 min
Response: 1814195572
Conc: 49.21 ng/ml



#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: 0.003 min
Response: 247953238
Conc: 45.90 ng/ml

Instrument :

ECD_D

ClientSampleId :

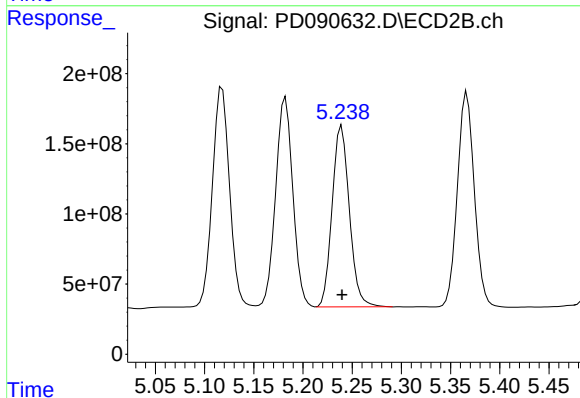
WCS-TP1MS

Manual Integrations

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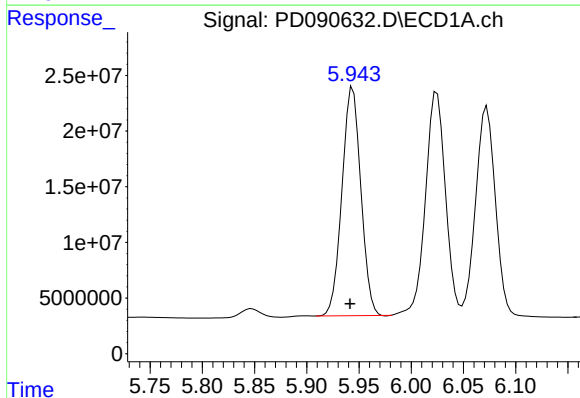
Reviewed By :Abdul Mirza 10/17/2025

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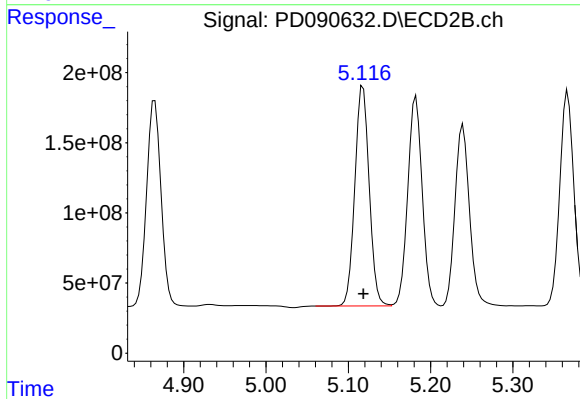
#9 Endosulfan I

R.T.: 5.239 min
Delta R.T.: 0.000 min
Response: 1574976876
Conc: 45.51 ng/ml



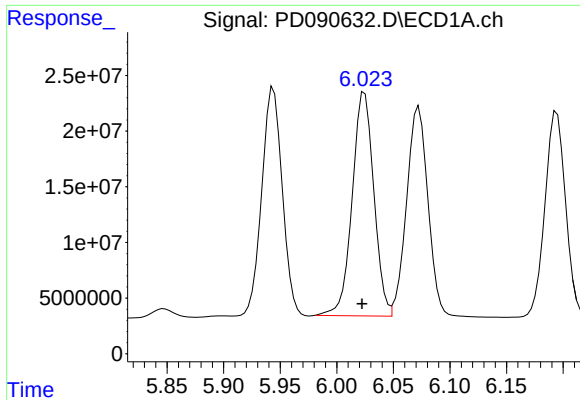
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.003 min
Response: 257810199
Conc: 45.14 ng/ml



#10 gamma-Chlordane

R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 1899679558
Conc: 48.35 ng/ml



#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: 0.002 min
Response: 267745821
Conc: 46.48 ng/ml

Instrument :

ECD_D

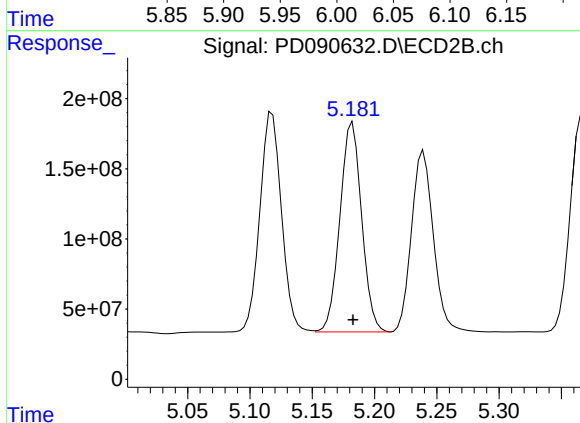
ClientSampleId :

WCS-TP1MS

Manual Integrations

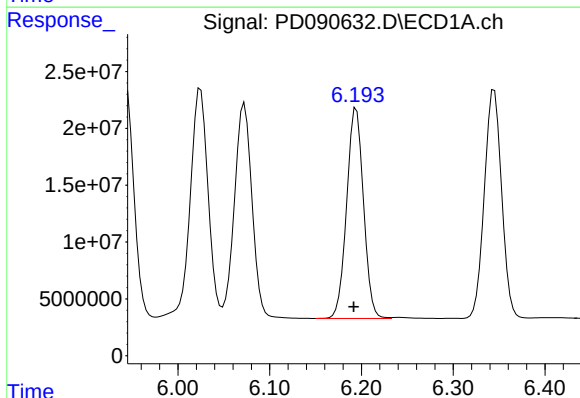
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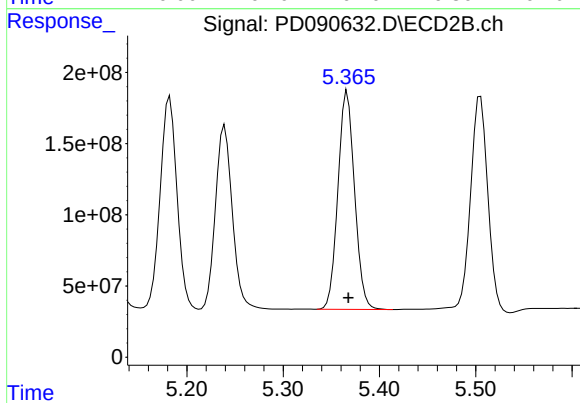
#11 alpha-Chlordane

R.T.: 5.182 min
Delta R.T.: 0.000 min
Response: 1819661568
Conc: 48.31 ng/ml



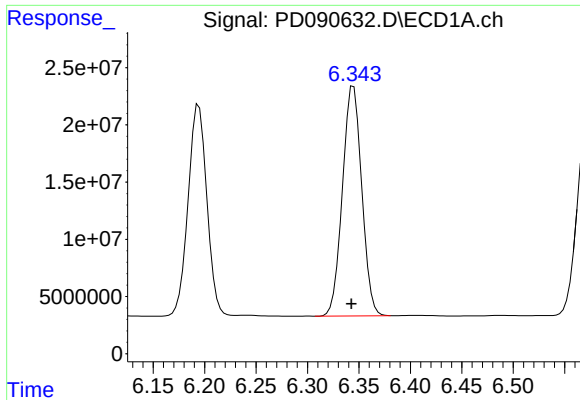
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.003 min
Response: 235523147
Conc: 45.23 ng/ml



#12 4,4'-DDE

R.T.: 5.367 min
Delta R.T.: -0.001 min
Response: 1839683522
Conc: 48.06 ng/ml



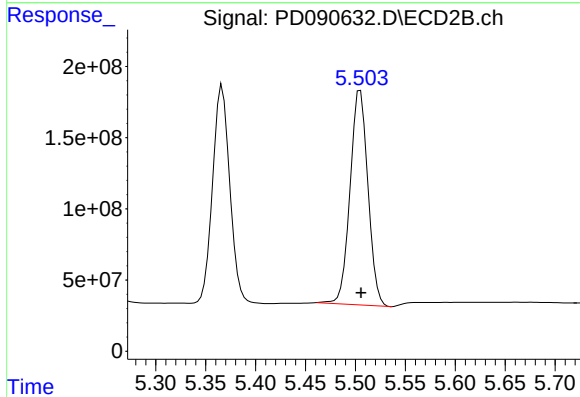
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.002 min
Response: 262272499
Conc: 45.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
WCS-TP1MS

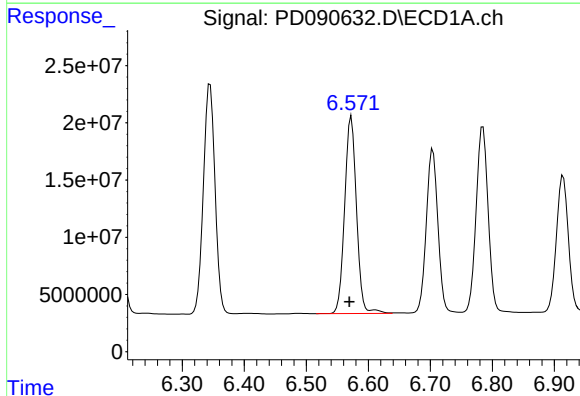
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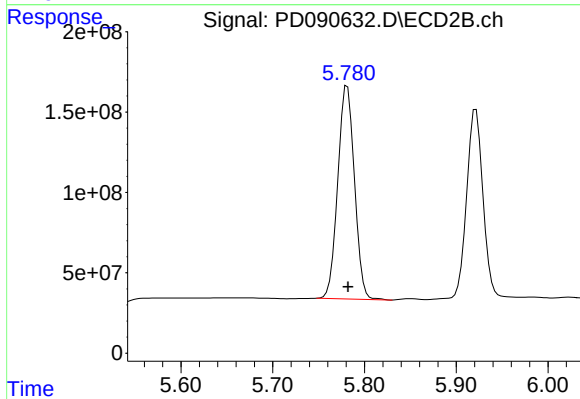
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 1881022305
Conc: 48.30 ng/ml



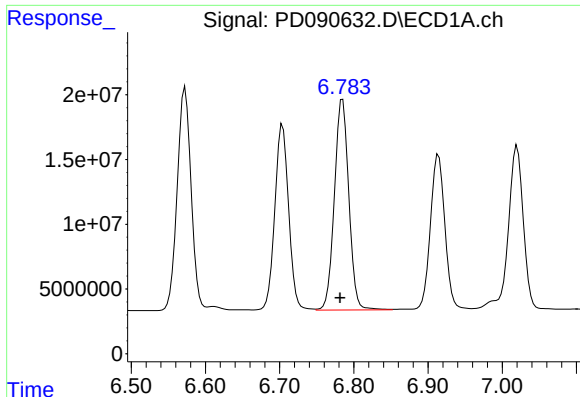
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.003 min
Response: 227912822
Conc: 46.57 ng/ml



#14 Endrin

R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 1679227687
Conc: 46.86 ng/ml



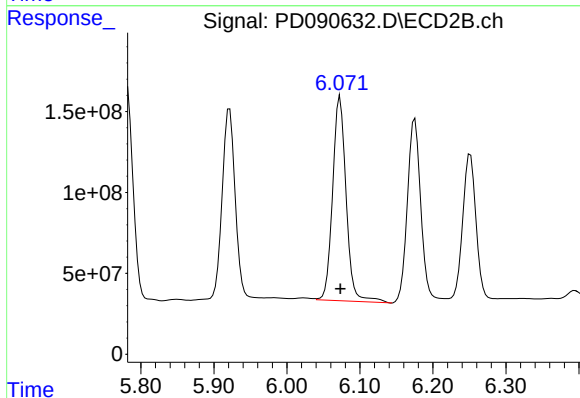
#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: 0.003 min
Response: 220528870
Conc: 45.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
WCS-TP1MS

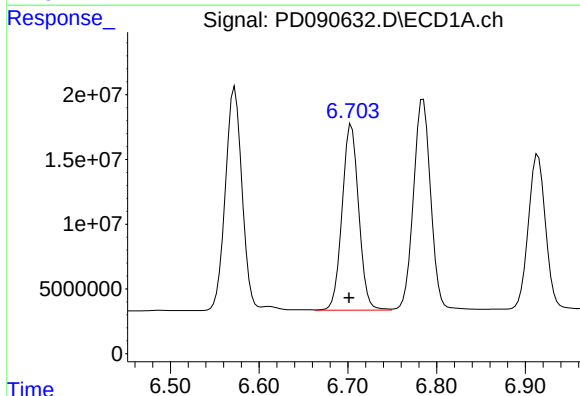
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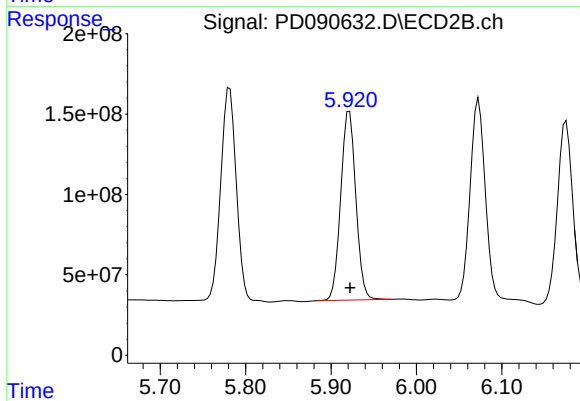
#15 Endosulfan II

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 1627079844
Conc: 48.21 ng/ml



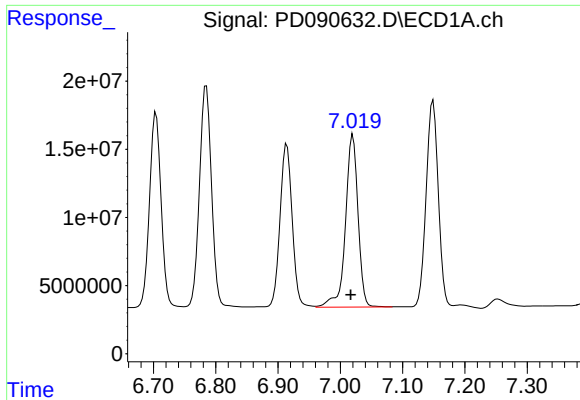
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.003 min
Response: 186580868
Conc: 45.53 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 1447200042
Conc: 44.63 ng/ml



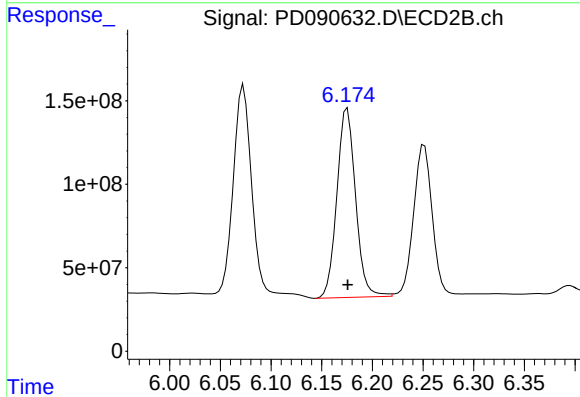
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: 0.003 min
Response: 178197017
Conc: 40.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
WCS-TP1MS

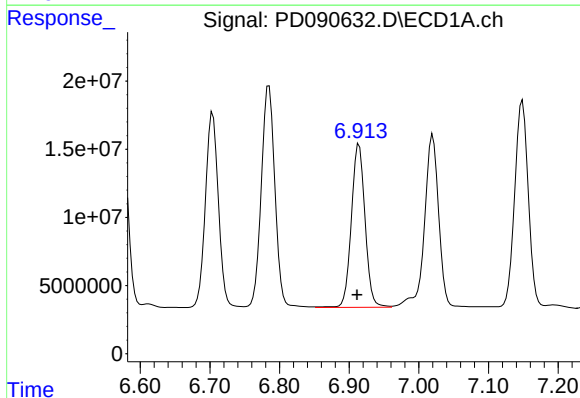
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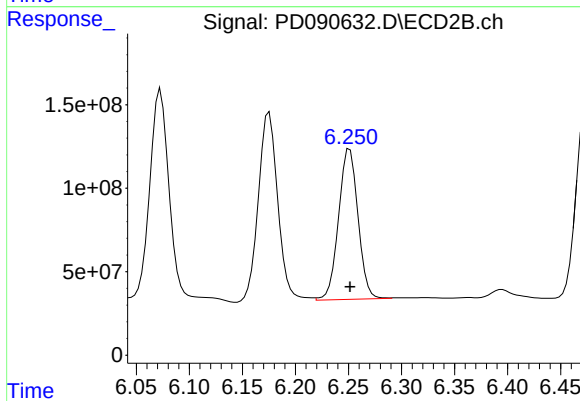
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 1452861781
Conc: 42.26 ng/ml



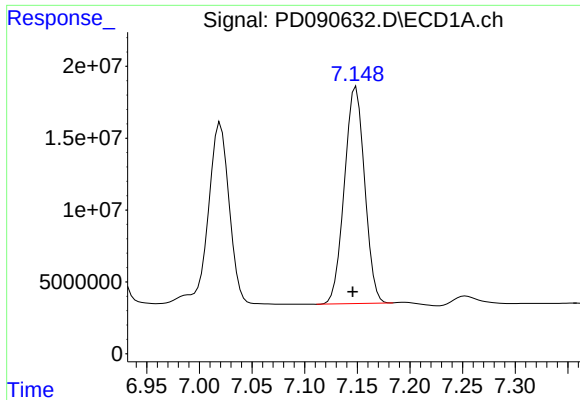
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.003 min
Response: 163377681
Conc: 47.62 ng/ml



#18 Endrin aldehyde

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 1147842981
Conc: 48.75 ng/ml



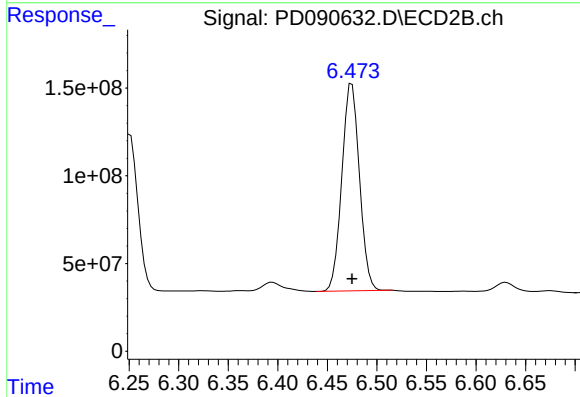
#19 Endosulfan Sulfate

R.T.: 7.149 min
Delta R.T.: 0.003 min
Response: 202334420
Conc: 43.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
WCS-TP1MS

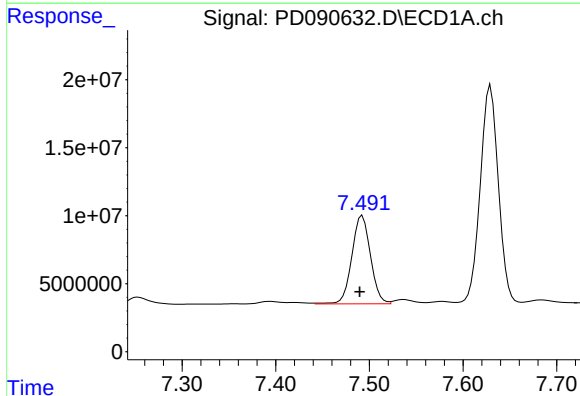
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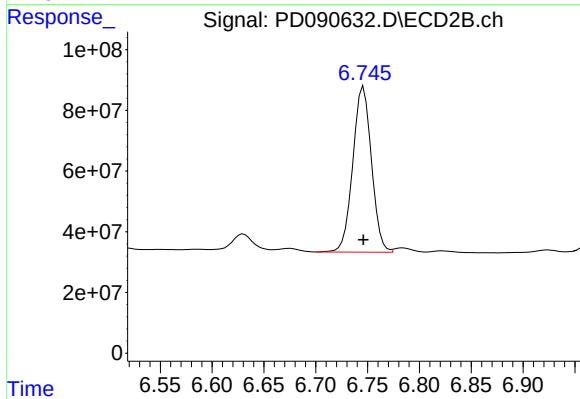
#19 Endosulfan Sulfate

R.T.: 6.475 min
Delta R.T.: 0.000 min
Response: 1459834628
Conc: 44.66 ng/ml



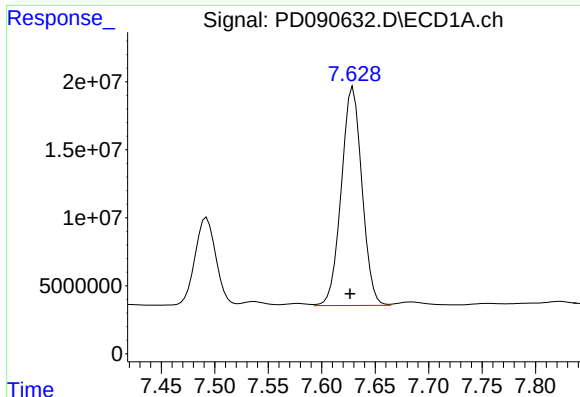
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: 0.003 min
Response: 89652986
Conc: 38.04 ng/ml



#20 Methoxychlor

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 683707800
Conc: 39.29 ng/ml



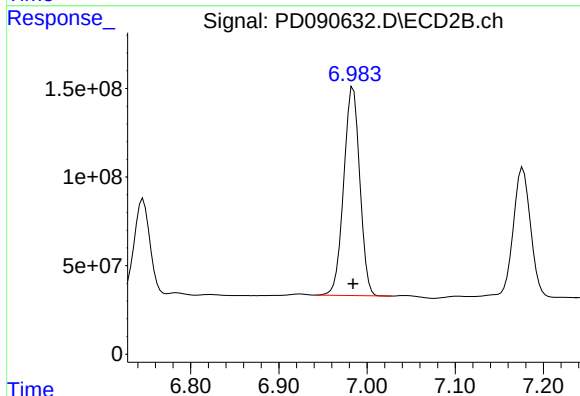
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: 0.003 min
Response: 215959986
Conc: 43.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
WCS-TP1MS

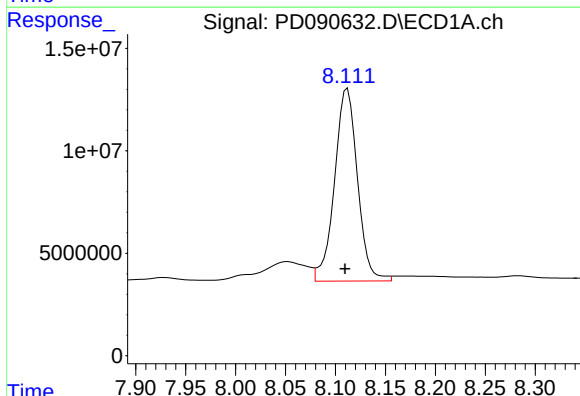
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/17/2025
Supervised By :Sohil Jodhani 10/17/2025



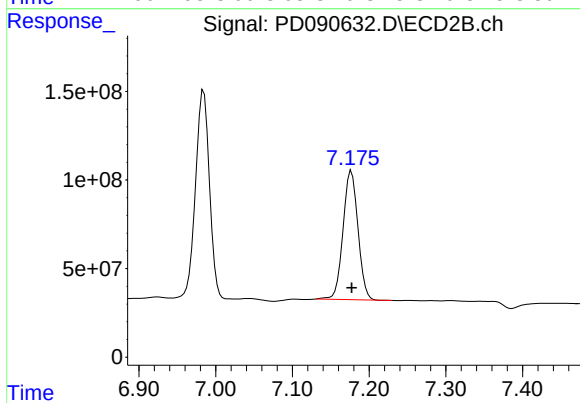
#21 Endrin ketone

R.T.: 6.984 min
Delta R.T.: 0.000 min
Response: 1491750605
Conc: 41.32 ng/ml



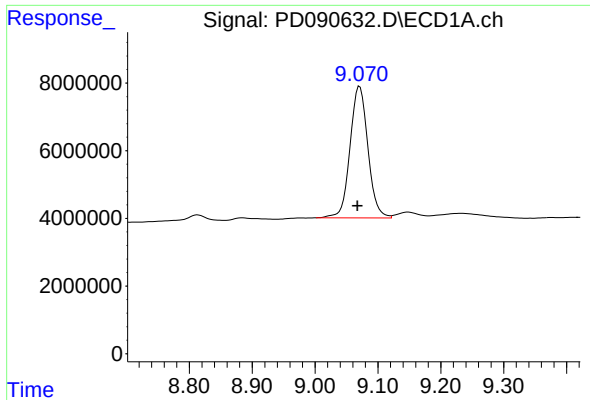
#22 Mirex

R.T.: 8.112 min
Delta R.T.: 0.003 min
Response: 150480258
Conc: 40.62 ng/ml



#22 Mirex

R.T.: 7.177 min
Delta R.T.: 0.000 min
Response: 987192824
Conc: 35.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.003 min
Response: 76916378
Conc: 15.94 ng/ml

Instrument :

ECD_D

ClientSampleId :

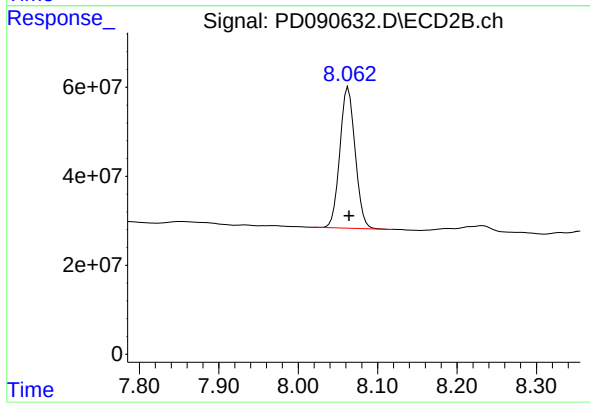
WCS-TP1MS

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#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 424884878
Conc: 13.11 ng/ml