

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101625\
 Data File : PD090633.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2025 15:07
 Operator : AR\AJ
 Sample : Q3348-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 WCS-TP1MSD

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 04:59:55 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...	3.543	2.873	51168248	499.0E6	15.742m	18.178m
2)	SA Decachlor...	9.068	8.062	78984837	456.8E6	16.370	14.092
Target Compounds							
2)	A alpha-BHC	3.995	3.386	357.6E6	2349.6E6	51.202	53.664
3)	MA gamma-BHC...	4.324	3.723	333.8E6	2149.9E6	50.445m	52.777
4)	MA Heptachlor	4.924	4.075	266.5E6	1977.2E6	40.297	48.559
5)	MB Aldrin	5.265	4.360	316.4E6	2107.4E6	49.835	52.771
6)	B beta-BHC	4.513	4.019	119.9E6	924.3E6	46.490	53.318
7)	B delta-BHC	4.760	4.255	332.9E6	2163.8E6	51.545m	52.398
8)	B Heptachlo...	5.684	4.864	276.6E6	1905.9E6	48.399m	51.699
9)	A Endosulfan I	6.069	5.239	259.4E6	1666.4E6	48.028	48.154
10)	B gamma-Chl...	5.941	5.117	272.7E6	2006.1E6	47.734	51.064
11)	B alpha-Chl...	6.022	5.182	277.6E6	1925.6E6	48.194	51.124
12)	B 4,4'-DDE	6.192	5.366	246.2E6	1942.6E6	47.281	50.749
13)	MA Dieldrin	6.342	5.504	275.7E6	1981.4E6	47.821	50.875
14)	MA Endrin	6.569	5.781	235.7E6	1770.0E6	48.170	49.397
15)	B Endosulfa...	6.782	6.071	231.3E6	1627.2E6	47.425	48.214m
16)	A 4,4'-DDD	6.702	5.921	195.7E6	1530.7E6	47.766	47.204
17)	MA 4,4'-DDT	7.017	6.175	187.6E6	1535.6E6	42.133	44.667
18)	B Endrin al...	6.912	6.250	169.8E6	1199.6E6	49.499	50.947
19)	B Endosulfa...	7.146	6.474	210.4E6	1534.8E6	45.733	46.951
20)	A Methoxychlor	7.490	6.745	94135049	723.5E6	39.947	41.581
21)	B Endrin ke...	7.627	6.983	227.8E6	1576.8E6	46.054	43.676
22)	Mirex	8.109	7.176	156.3E6	1032.5E6	42.180	37.401

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101625\
Data File : PD090633.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2025 15:07
Operator : AR\AJ
Sample : Q3348-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

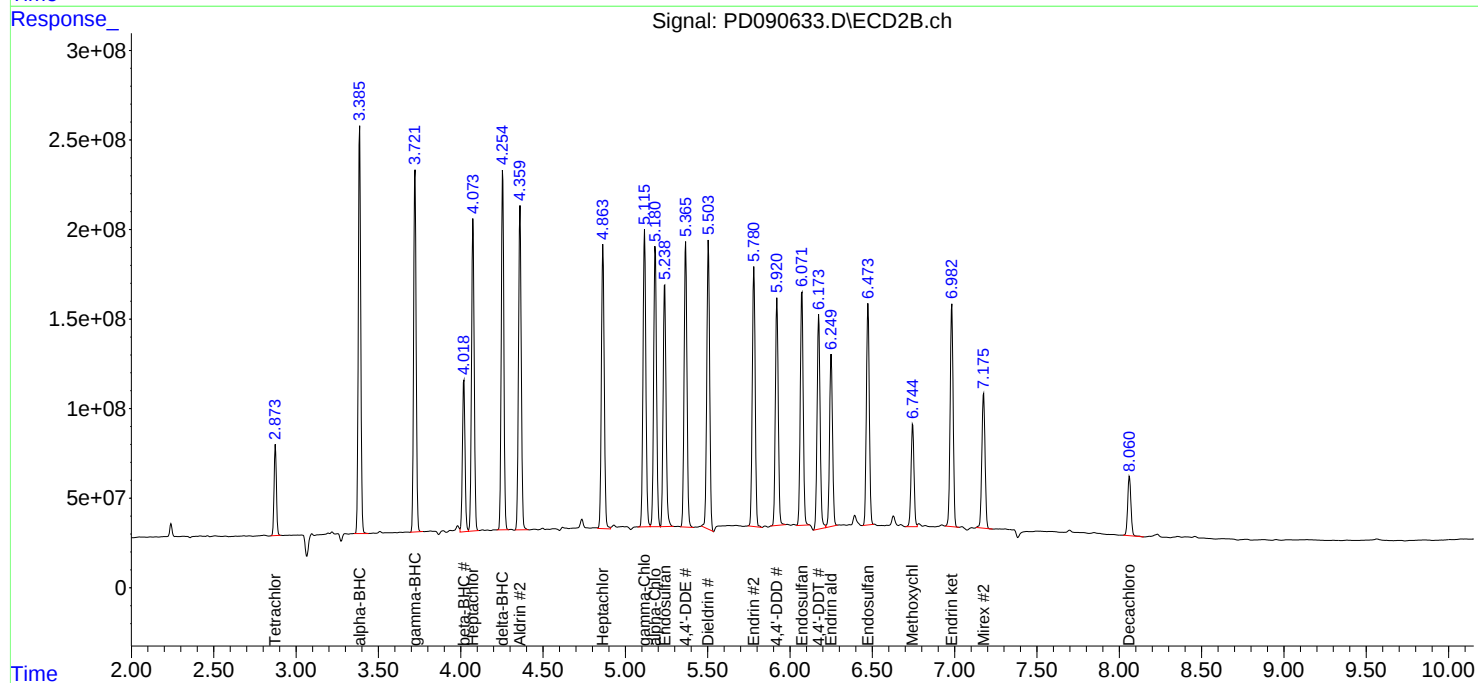
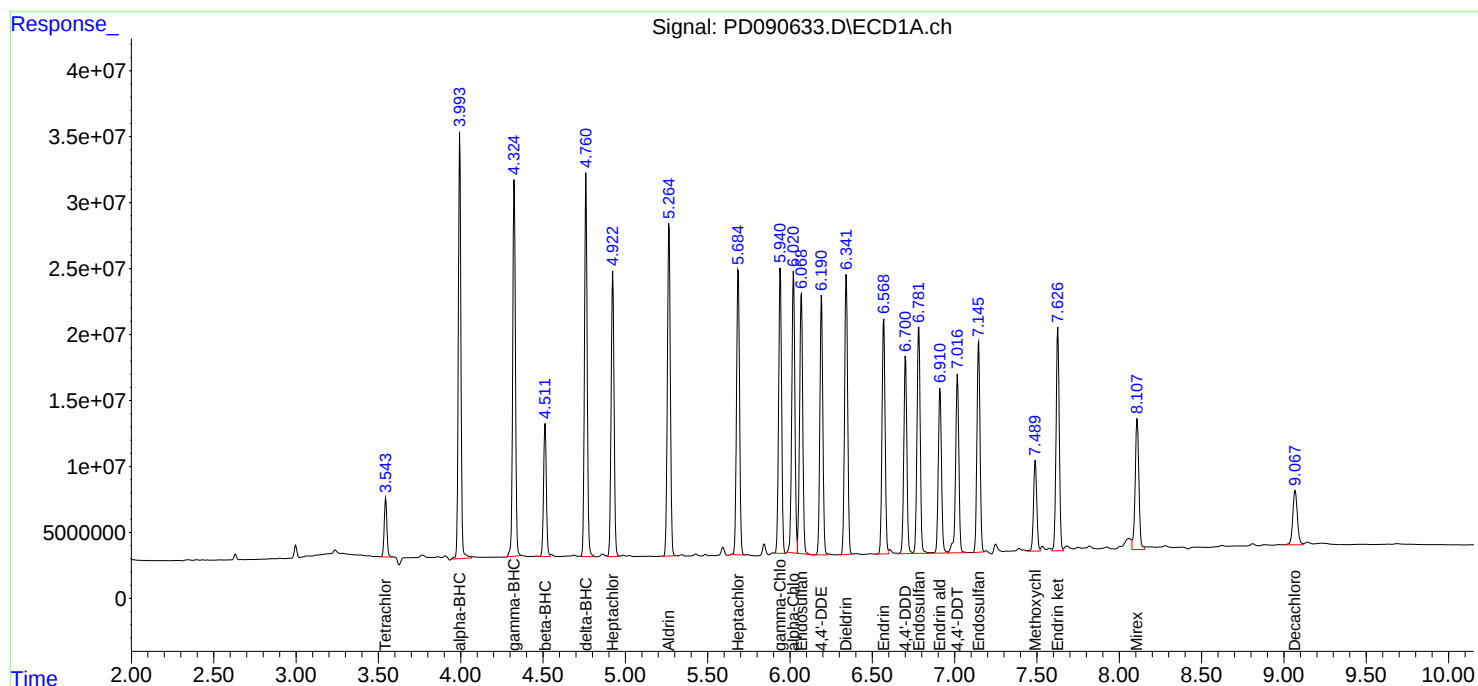
Instrument :
ECD_D
ClientSampleId :
WCS-TP1MSD

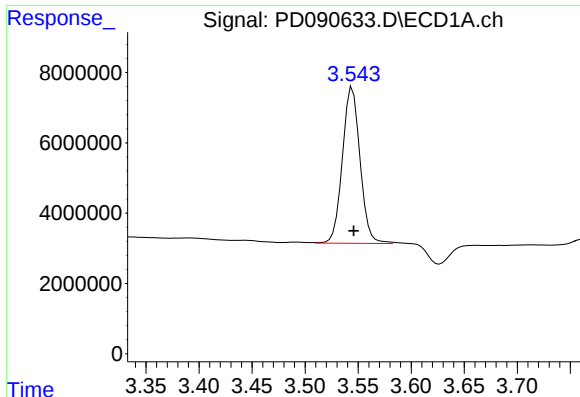
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 04:59:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 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





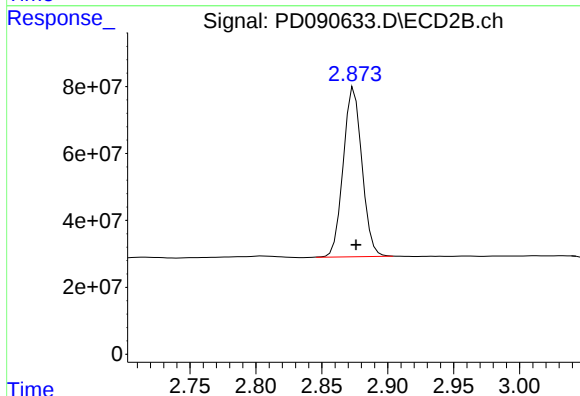
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.003 min
Response: 51168248
Conc: 15.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
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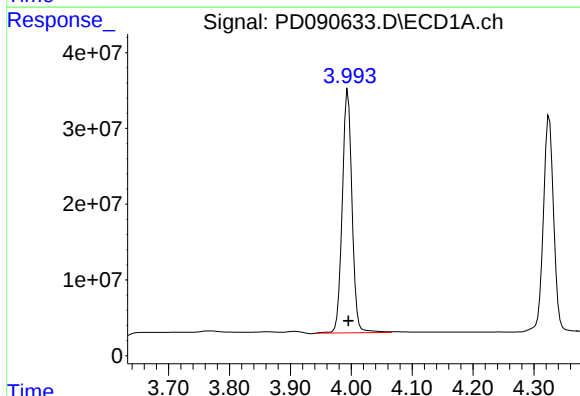
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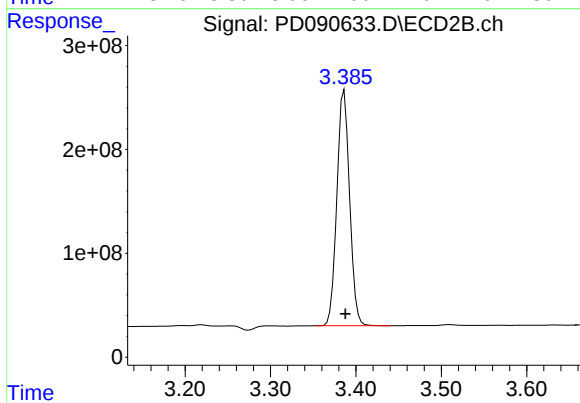
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.003 min
Response: 498992580
Conc: 18.18 ng/ml m



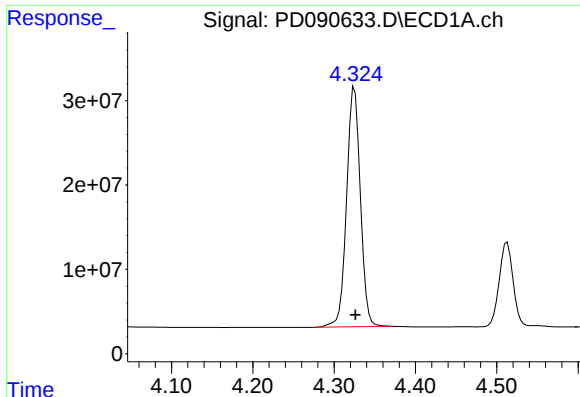
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 357619513
Conc: 51.20 ng/ml



#2 alpha-BHC

R.T.: 3.386 min
Delta R.T.: -0.002 min
Response: 2349574042
Conc: 53.66 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.002 min
Response: 333789696
Conc: 50.45 ng/ml

Instrument :

ECD_D

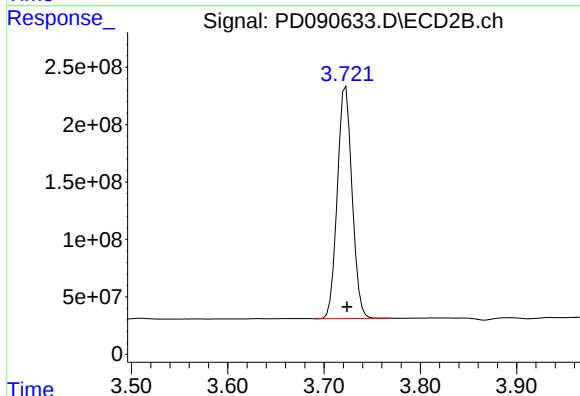
ClientSampleId :

WCS-TP1MSD

Manual Integrations

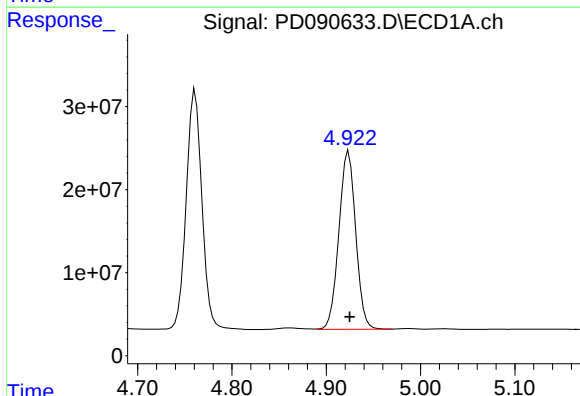
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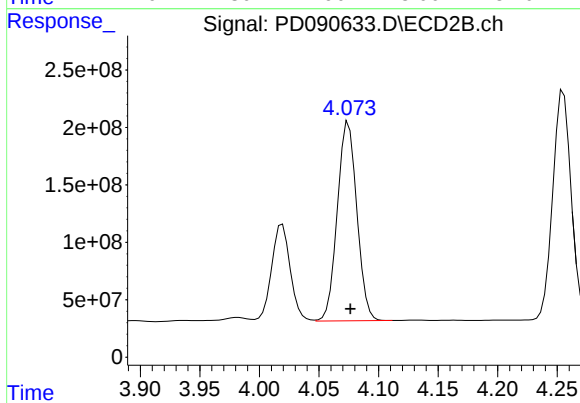
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: -0.001 min
Response: 2149914034
Conc: 52.78 ng/ml



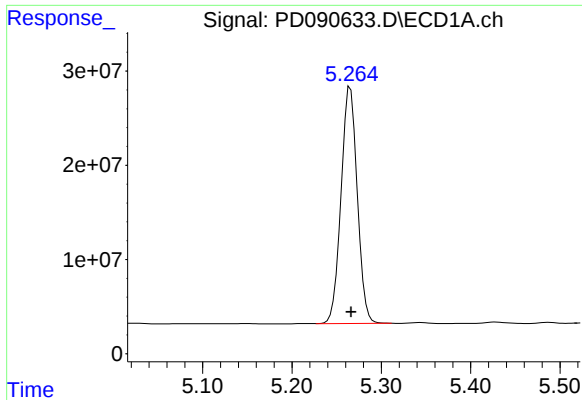
#4 Heptachlor

R.T.: 4.924 min
Delta R.T.: -0.001 min
Response: 266467874
Conc: 40.30 ng/ml



#4 Heptachlor

R.T.: 4.075 min
Delta R.T.: -0.002 min
Response: 1977159579
Conc: 48.56 ng/ml



#5 Aldrin

R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 316446704
Conc: 49.83 ng/ml

Instrument :

ECD_D

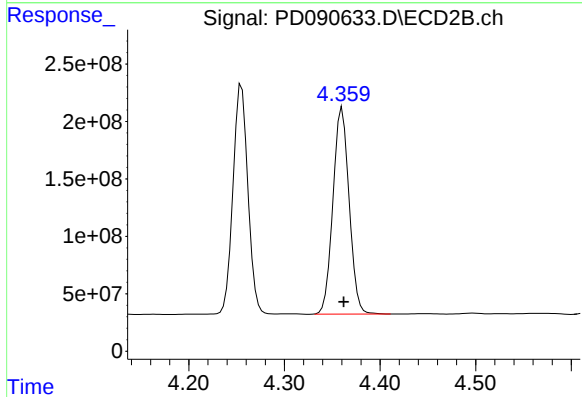
ClientSampleId :

WCS-TP1MSD

Manual Integrations

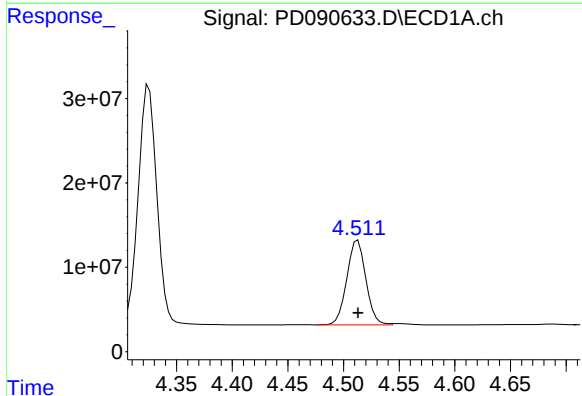
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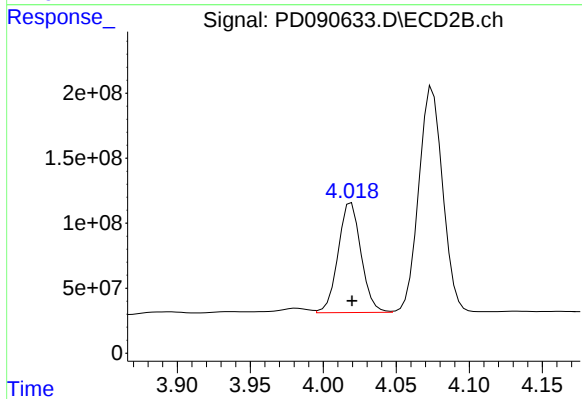
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: -0.002 min
Response: 2107396269
Conc: 52.77 ng/ml



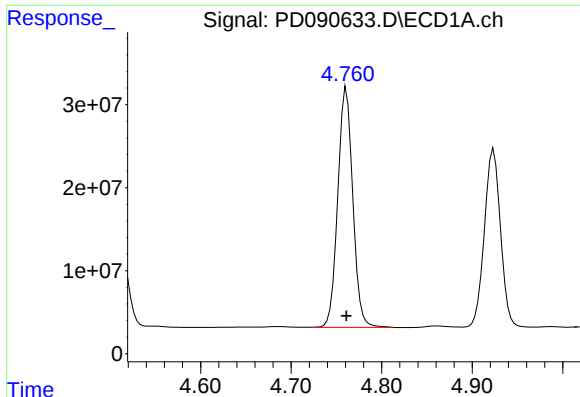
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 119941152
Conc: 46.49 ng/ml



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 924278313
Conc: 53.32 ng/ml



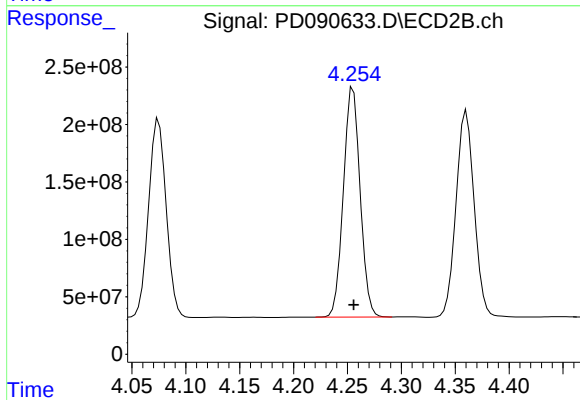
#7 delta-BHC

R.T.: 4.760 min
Delta R.T.: -0.001 min
Response: 332852094
Conc: 51.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
WCS-TP1MSD

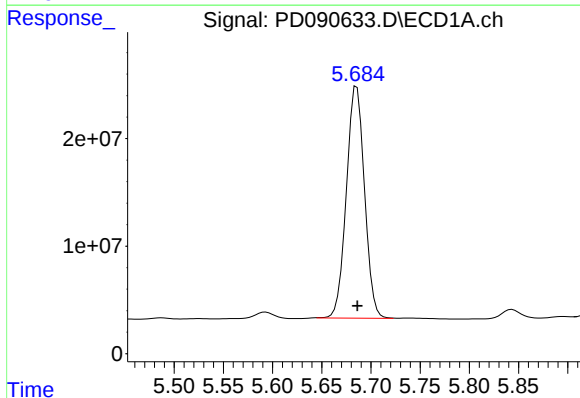
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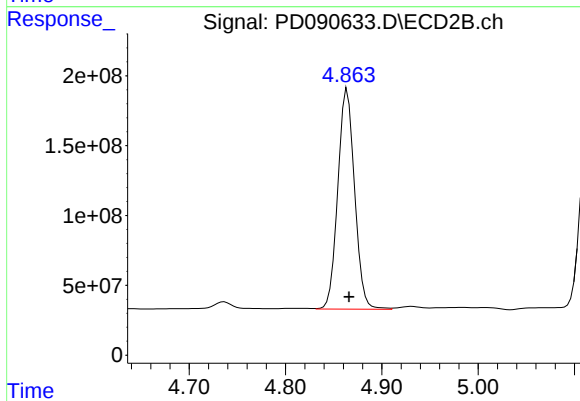
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 2163785579
Conc: 52.40 ng/ml



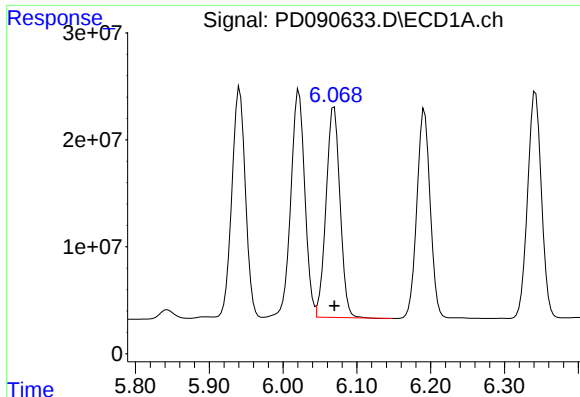
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: -0.002 min
Response: 276595612
Conc: 48.40 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.864 min
Delta R.T.: -0.002 min
Response: 1905890901
Conc: 51.70 ng/ml



#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 259423262
Conc: 48.03 ng/ml

Instrument :

ECD_D

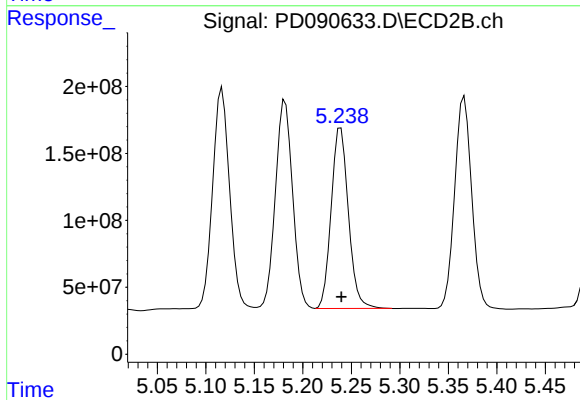
ClientSampleId :

WCS-TP1MSD

Manual Integrations

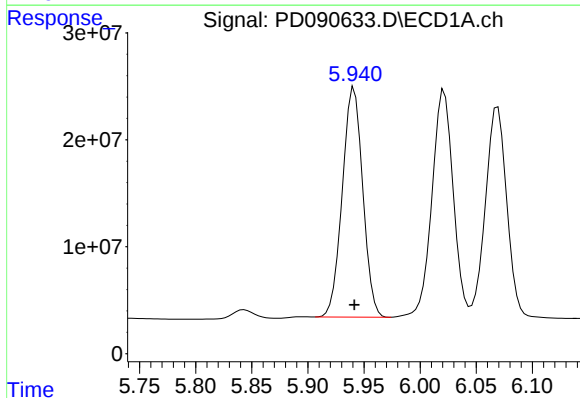
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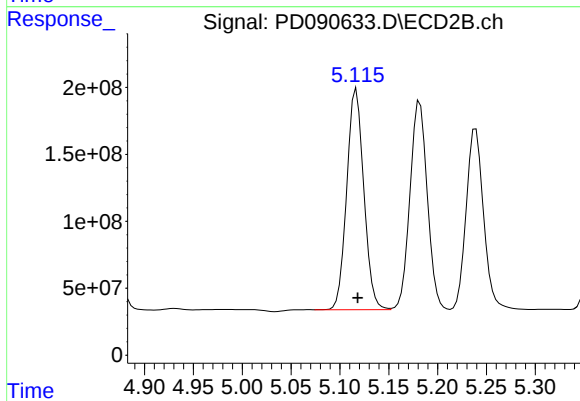
#9 Endosulfan I

R.T.: 5.239 min
Delta R.T.: 0.000 min
Response: 1666378742
Conc: 48.15 ng/ml



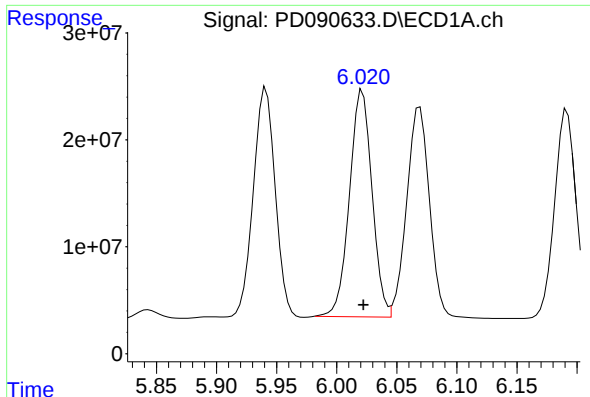
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 272652537
Conc: 47.73 ng/ml



#10 gamma-Chlordane

R.T.: 5.117 min
Delta R.T.: -0.002 min
Response: 2006115902
Conc: 51.06 ng/ml



#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: 0.000 min
Response: 277639227
Conc: 48.19 ng/ml

Instrument :

ECD_D

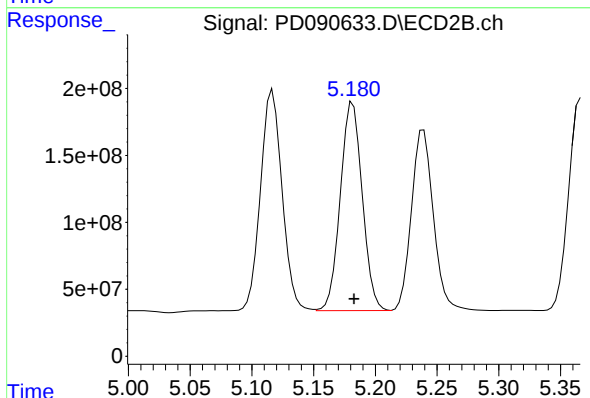
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WCS-TP1MSD

Manual Integrations

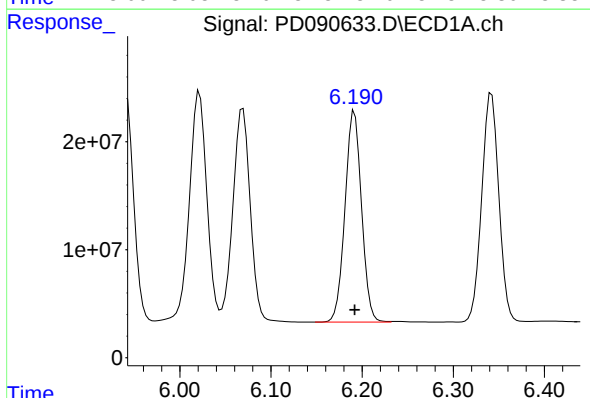
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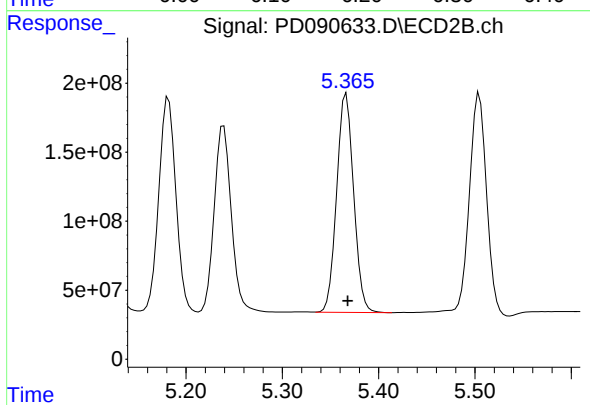
#11 alpha-Chlordane

R.T.: 5.182 min
Delta R.T.: -0.001 min
Response: 1925595471
Conc: 51.12 ng/ml



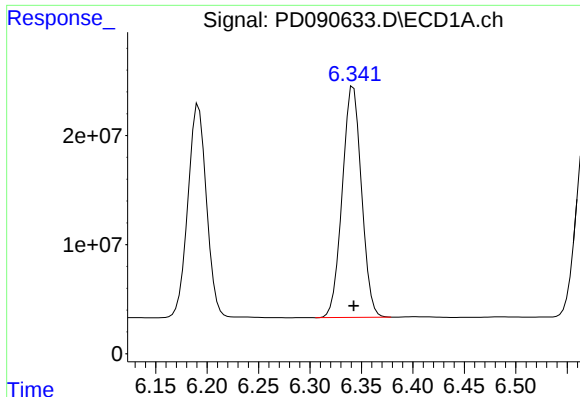
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 246217622
Conc: 47.28 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: -0.001 min
Response: 1942629745
Conc: 50.75 ng/ml



#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: 0.000 min
Response: 275675161
Conc: 47.82 ng/ml

Instrument :

ECD_D

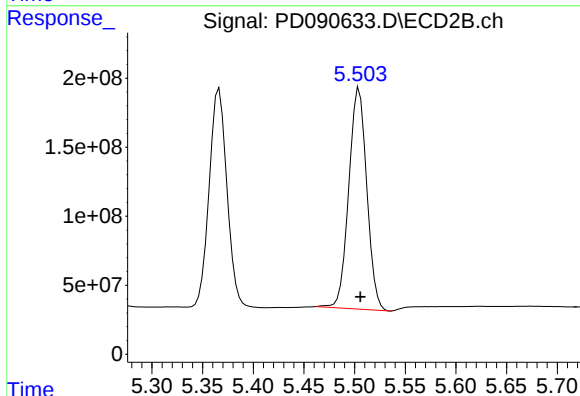
ClientSampleId :

WCS-TP1MSD

Manual Integrations

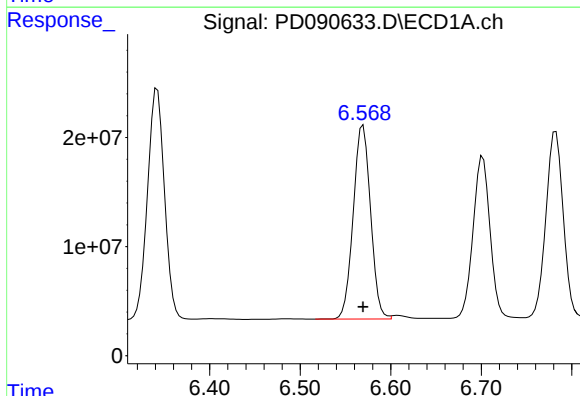
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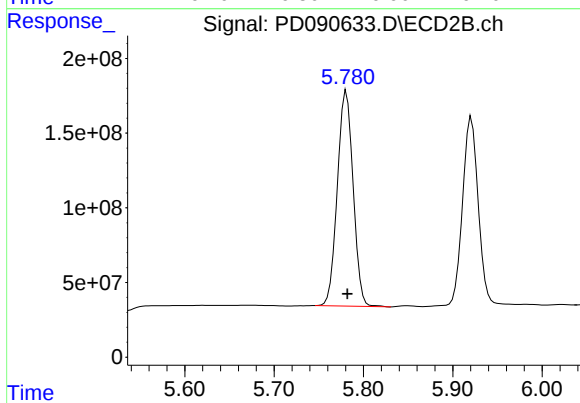
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.001 min
Response: 1981359186
Conc: 50.87 ng/ml



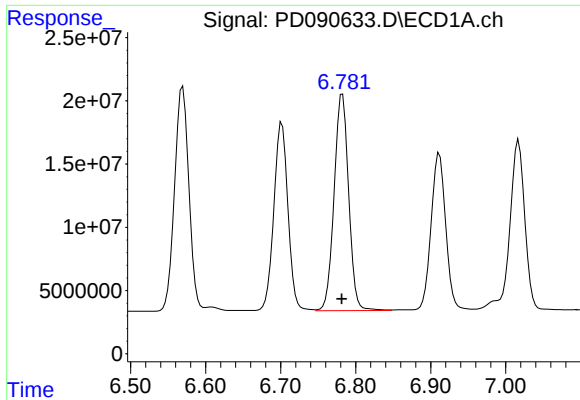
#14 Endrin

R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 235742172
Conc: 48.17 ng/ml



#14 Endrin

R.T.: 5.781 min
Delta R.T.: -0.001 min
Response: 1769988273
Conc: 49.40 ng/ml



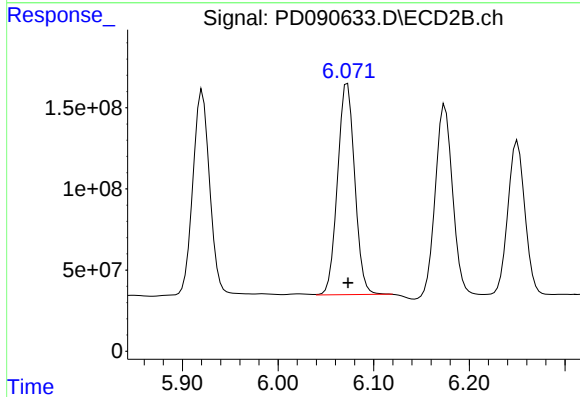
#15 Endosulfan II

R.T.: 6.782 min
Delta R.T.: 0.000 min
Response: 231327945
Conc: 47.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
WCS-TP1MSD

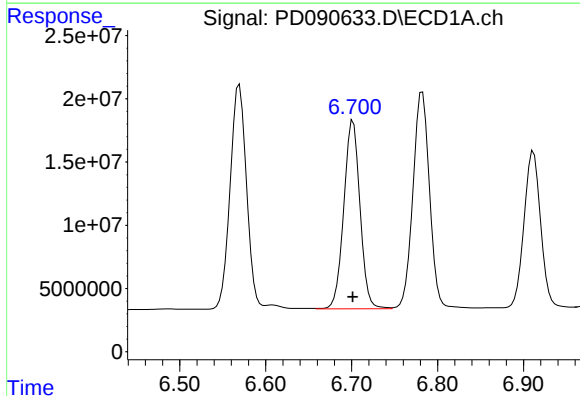
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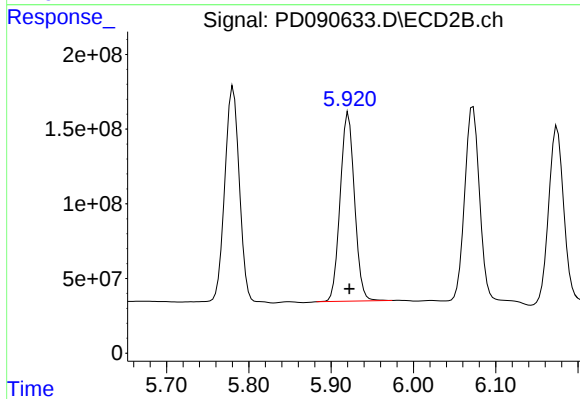
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: -0.002 min
Response: 1627247964
Conc: 48.21 ng/ml m



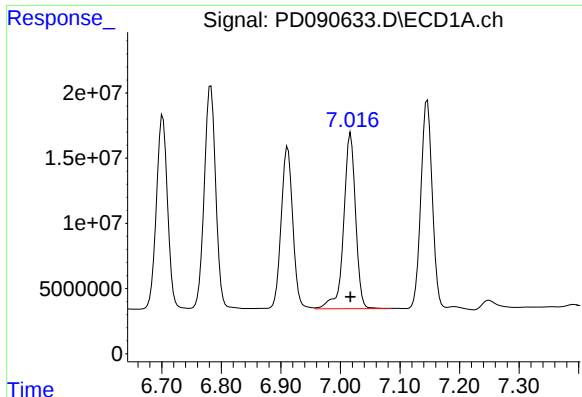
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 195734278
Conc: 47.77 ng/ml



#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: -0.001 min
Response: 1530736275
Conc: 47.20 ng/ml



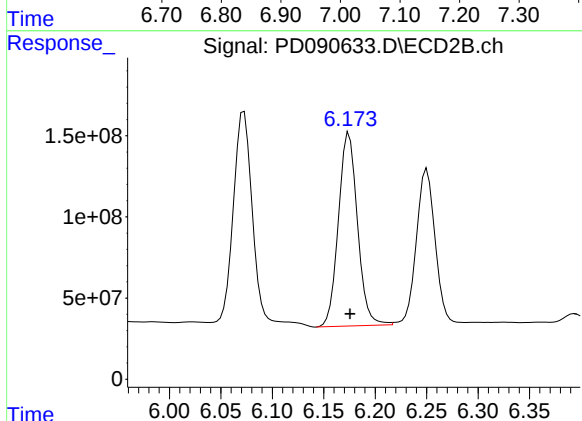
#17 4,4'-DDT

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 187596239
Conc: 42.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
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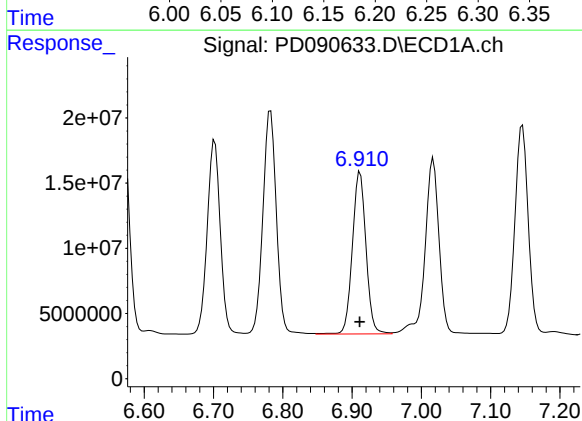
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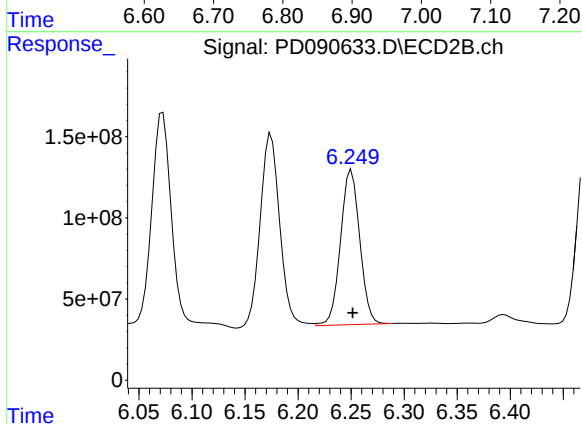
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: -0.001 min
Response: 1535623014
Conc: 44.67 ng/ml



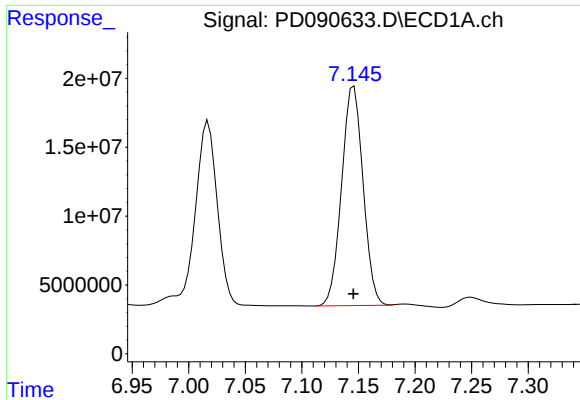
#18 Endrin aldehyde

R.T.: 6.912 min
Delta R.T.: 0.000 min
Response: 169811809
Conc: 49.50 ng/ml



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: -0.001 min
Response: 1199641258
Conc: 50.95 ng/ml



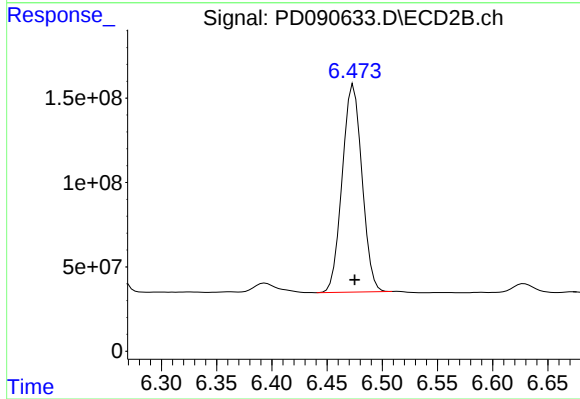
#19 Endosulfan Sulfate

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 210390352
Conc: 45.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
WCS-TP1MSD

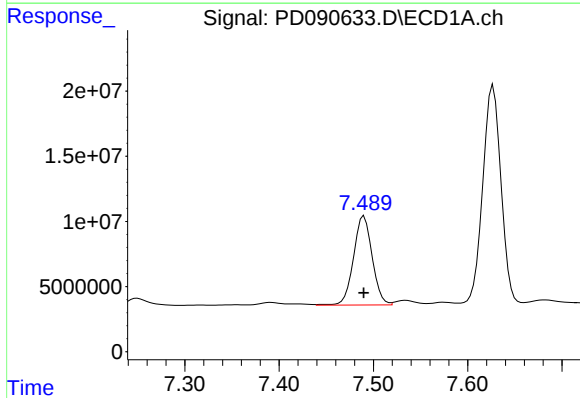
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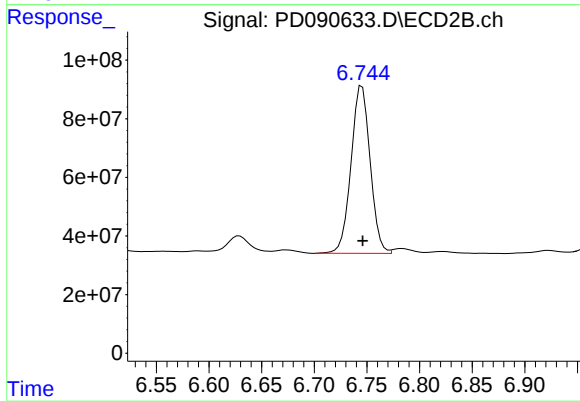
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 1534829812
Conc: 46.95 ng/ml



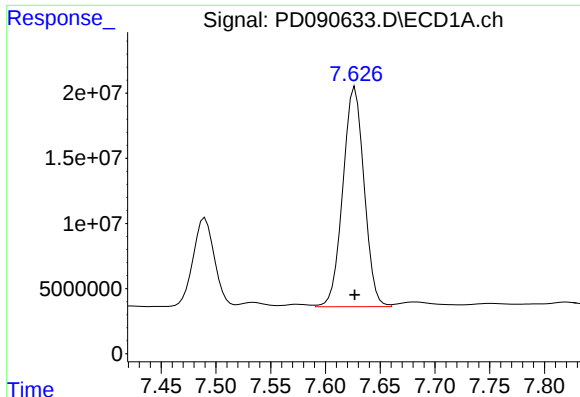
#20 Methoxychlor

R.T.: 7.490 min
Delta R.T.: 0.000 min
Response: 94135049
Conc: 39.95 ng/ml



#20 Methoxychlor

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 723526848
Conc: 41.58 ng/ml



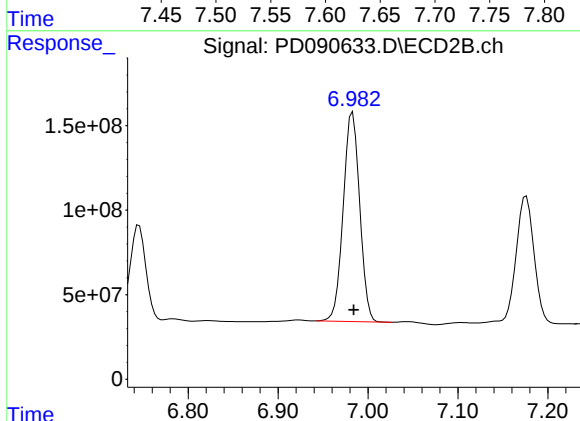
#21 Endrin ketone

R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 227846565
Conc: 46.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
WCS-TP1MSD

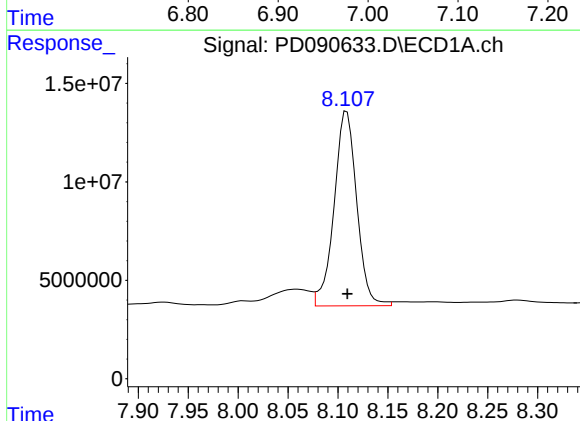
Manual Integrations
APPROVED

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



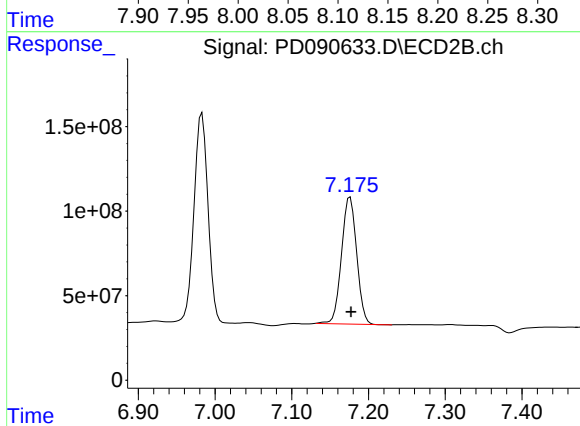
#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: -0.001 min
Response: 1576826562
Conc: 43.68 ng/ml



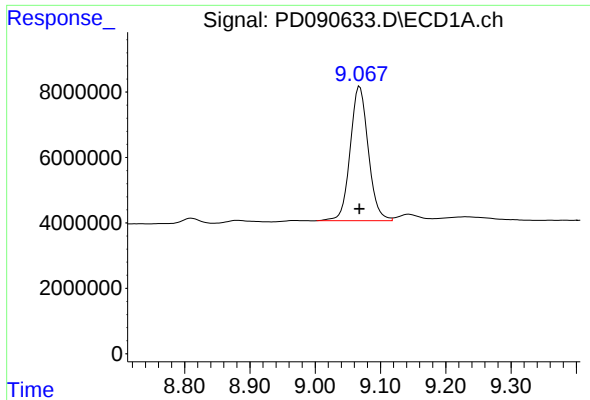
#22 Mirex

R.T.: 8.109 min
Delta R.T.: 0.000 min
Response: 156270543
Conc: 42.18 ng/ml



#22 Mirex

R.T.: 7.176 min
Delta R.T.: -0.001 min
Response: 1032501566
Conc: 37.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: 0.000 min
Response: 78984837
Conc: 16.37 ng/ml

Instrument :

ECD_D

ClientSampleId :

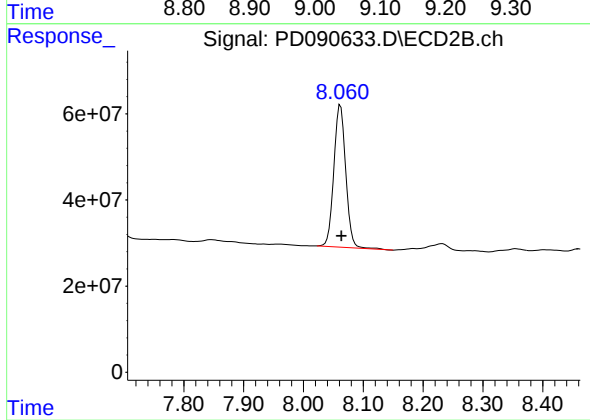
WCS-TP1MSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 10/17/2025

Supervised By :Sohil Jodhani 10/17/2025



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: -0.002 min
Response: 456793360
Conc: 14.09 ng/ml