

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072924\
 Data File : PD084117.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2024 11:20
 Operator : AR\AJ
 Sample : PB162310BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB162310BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/30/2024
 Supervised By :Ankita Jodhani 07/30/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 02:37:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 16 04:22:06 2024
 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...	3.562	2.769	18741185	99328121	18.329	17.276m
28)	SA Decachlor...	9.116	7.895	40465948	124.5E6	17.726	19.382
Target Compounds							
2)	A alpha-BHC	4.020	3.270	87747641	391.3E6	44.671	44.132
3)	MA gamma-BHC...	4.354	3.597	89350471	386.0E6	46.235	48.270m
4)	MA Heptachlor	4.946	3.936	92695102	367.8E6	46.599	45.278
5)	MB Aldrin	5.290	4.215	98010296	380.7E6	48.161	47.411
6)	B beta-BHC	4.552	3.896	35780387	156.7E6	45.108	44.533
7)	B delta-BHC	4.800	4.124	92856985	387.7E6	51.073m	46.591
8)	B Heptachlo...	5.716	4.716	93291700	347.4E6	52.331m	48.334
9)	A Endosulfan I	6.105	5.085	90448393	329.9E6	46.778	47.835
10)	B gamma-Chl...	5.975	4.965	93304490	348.0E6	46.664	45.904
11)	B alpha-Chl...	6.054	5.029	92887102	345.4E6	46.582	46.250
12)	B 4,4'-DDE	6.227	5.217	92811322	334.1E6	46.557	46.892
13)	MA Dieldrin	6.381	5.349	96837312	355.5E6	46.945	47.346
14)	MA Endrin	6.613	5.623	81937446	300.5E6	45.906	45.443m
15)	B Endosulfa...	6.831	5.919	87025483	300.3E6	45.574	46.995
16)	A 4,4'-DDD	6.745	5.771	70523873	266.1E6	46.553	48.036
17)	MA 4,4'-DDT	7.060	6.022	74852470	266.3E6	43.582	46.435
18)	B Endrin al...	6.962	6.098	68966605	240.6E6	46.951	47.939
19)	B Endosulfa...	7.197	6.320	83344640	291.9E6	45.881	47.702
20)	A Methoxychlor	7.537	6.594	43278427	135.6E6	43.923	45.956m
21)	B Endrin ke...	7.684	6.826	95498723	331.6E6	46.241	48.979
22)	Mirex	8.160	7.005	70054847	245.6E6	43.014	45.316

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072924\
Data File : PD084117.D
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Acq On : 29 Jul 2024 11:20
Operator : AR\AJ
Sample : PB162310BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB162310BS

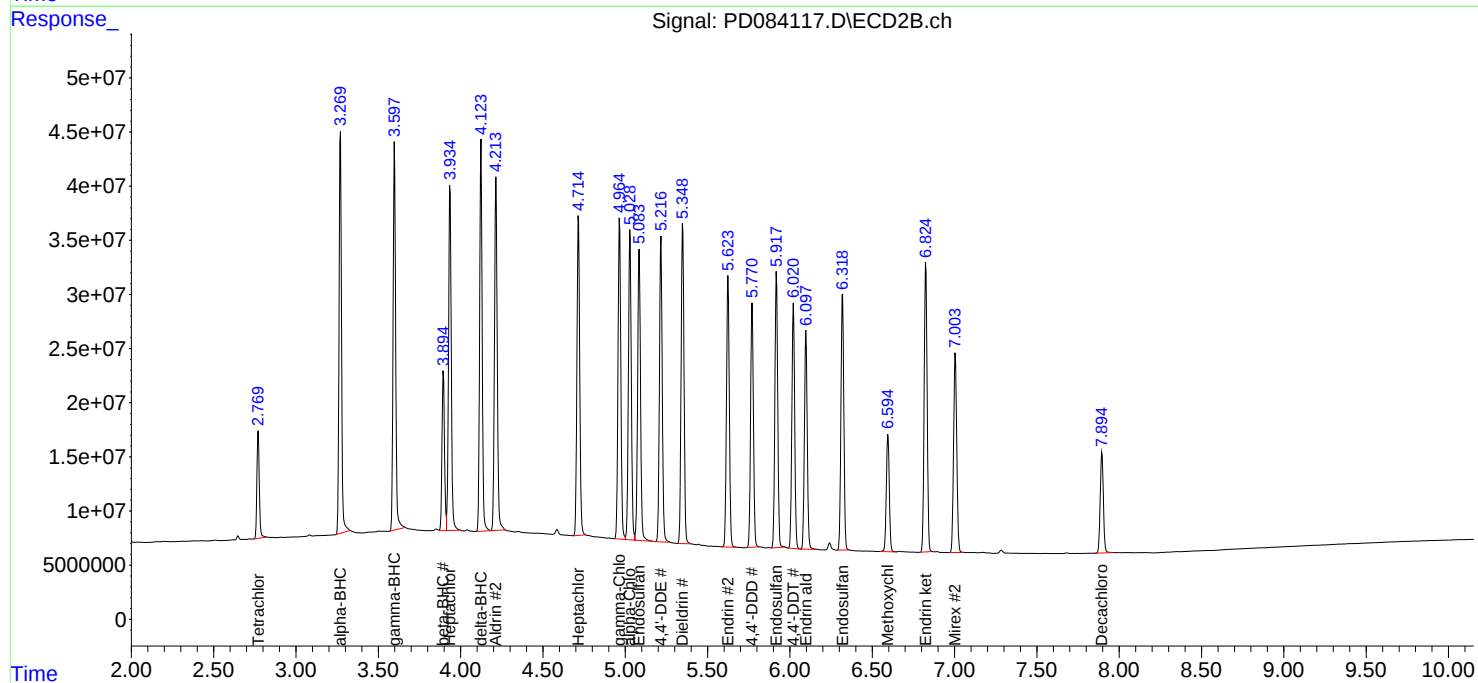
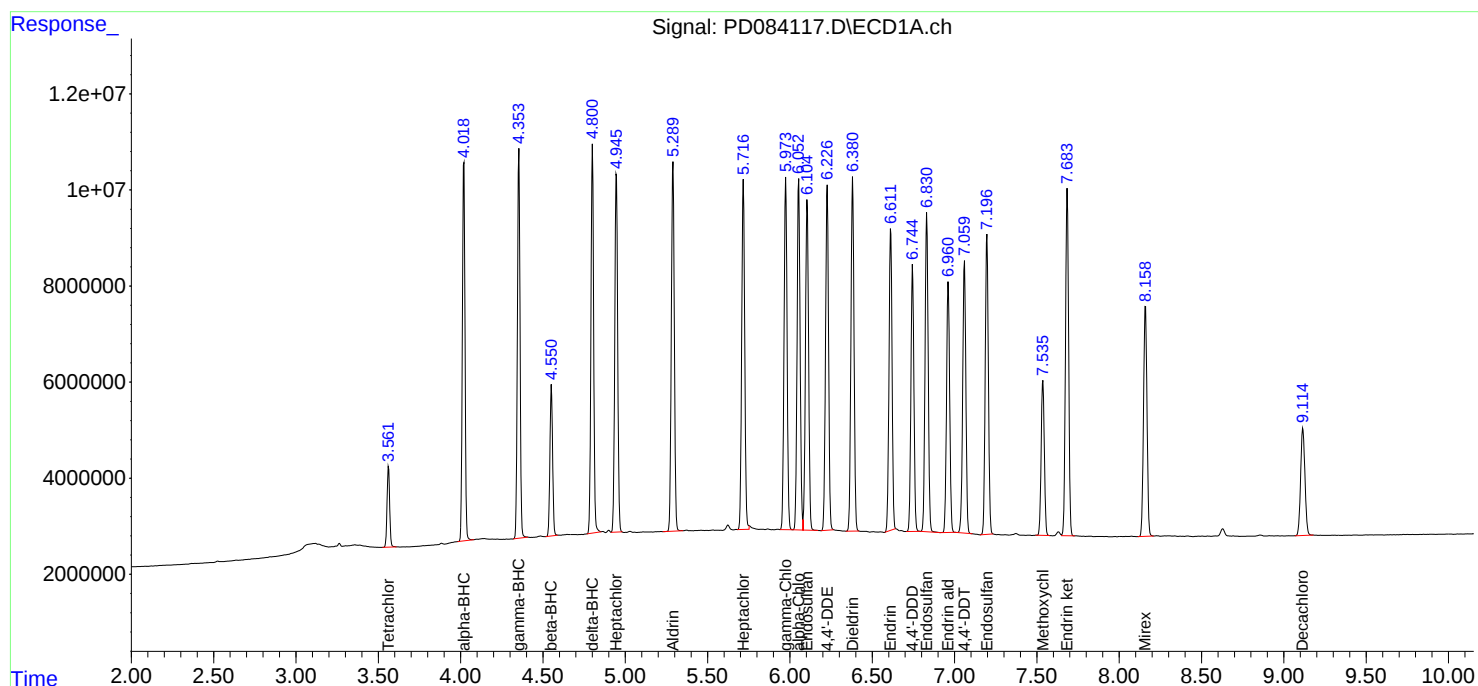
Manual Integrations

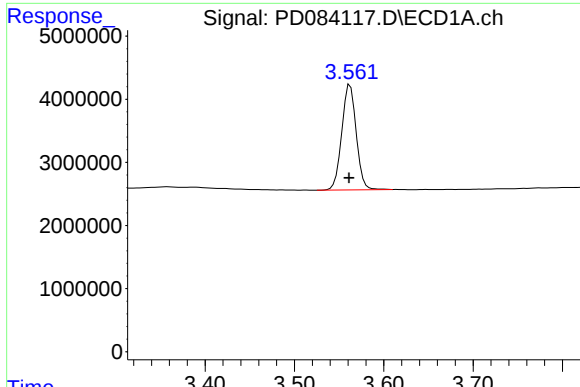
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 02:37:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
Quant Title : GC Extractables
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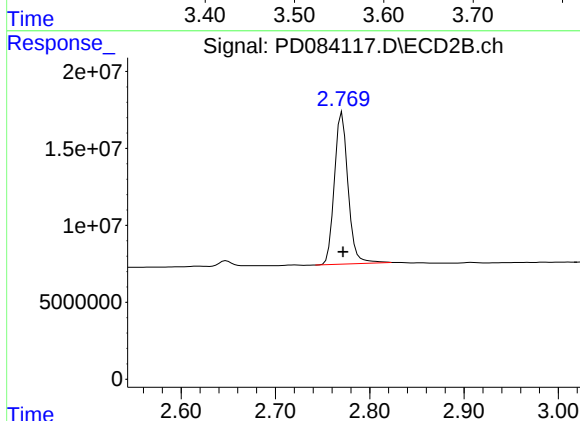
#1 Tetrachloro-m-xylene

R.T.: 3.562 min
Delta R.T.: 0.001 min
Response: 18741185
Conc: 18.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB162310BS

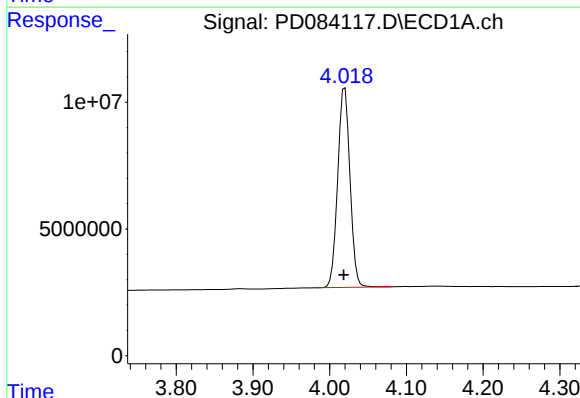
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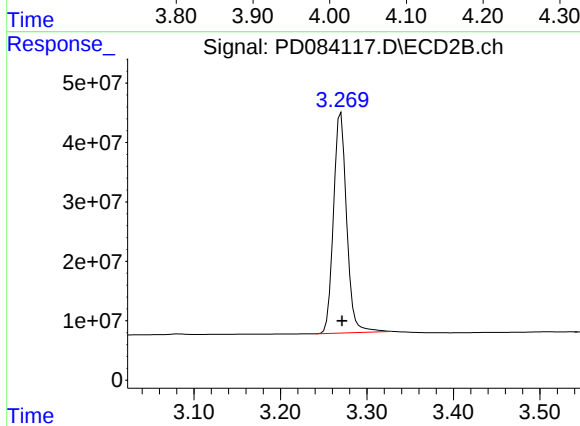
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.002 min
Response: 99328121
Conc: 17.28 ng/ml m



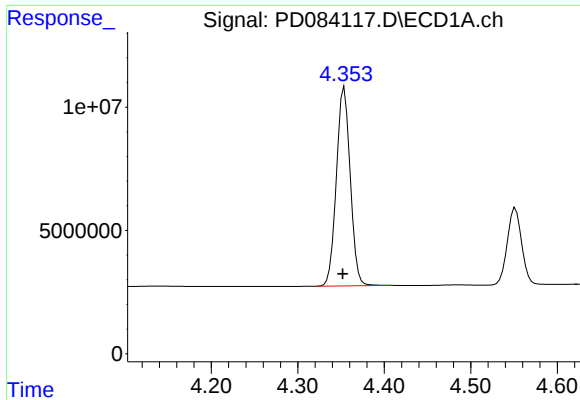
#2 alpha-BHC

R.T.: 4.020 min
Delta R.T.: 0.002 min
Response: 87747641
Conc: 44.67 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: -0.001 min
Response: 391256045
Conc: 44.13 ng/ml



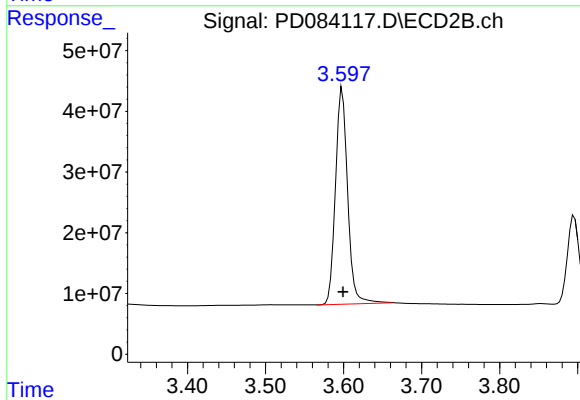
#3 gamma-BHC (Lindane)

R.T.: 4.354 min
Delta R.T.: 0.002 min
Response: 89350471
Conc: 46.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB162310BS

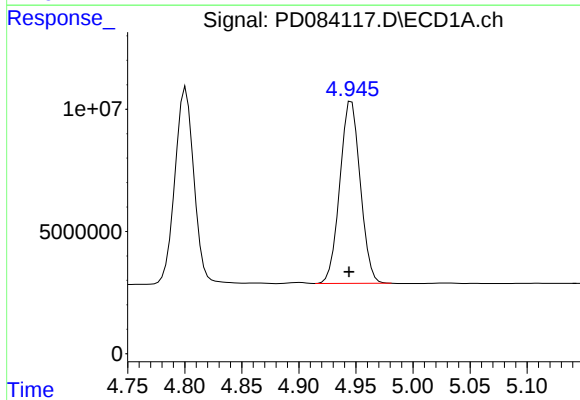
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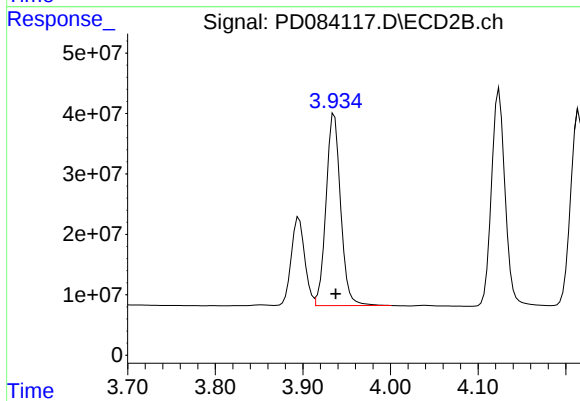
#3 gamma-BHC (Lindane)

R.T.: 3.597 min
Delta R.T.: -0.003 min
Response: 385950646
Conc: 48.27 ng/ml m



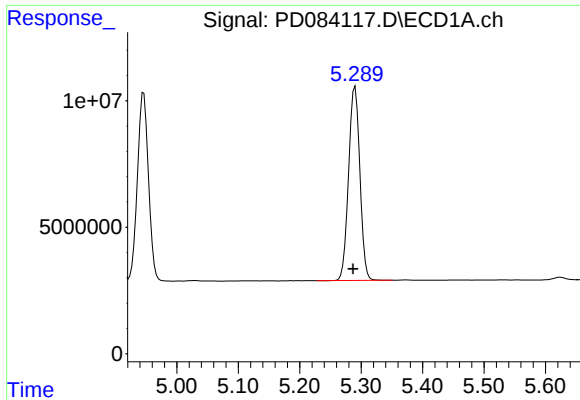
#4 Heptachlor

R.T.: 4.946 min
Delta R.T.: 0.002 min
Response: 92695102
Conc: 46.60 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: -0.002 min
Response: 367811889
Conc: 45.28 ng/ml



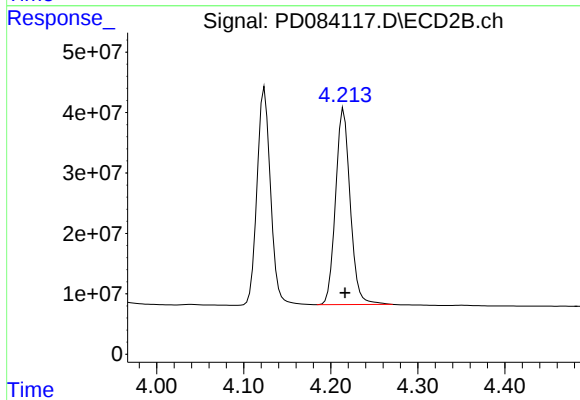
#5 Aldrin

R.T.: 5.290 min
Delta R.T.: 0.003 min
Response: 98010296
Conc: 48.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB162310BS

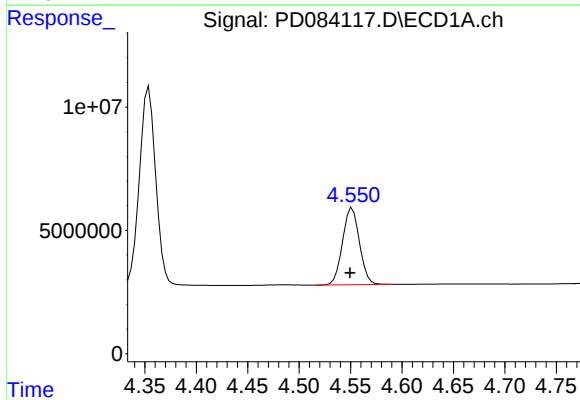
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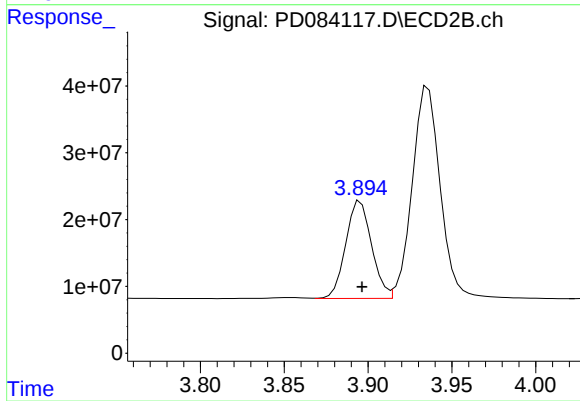
#5 Aldrin

R.T.: 4.215 min
Delta R.T.: -0.002 min
Response: 380667278
Conc: 47.41 ng/ml



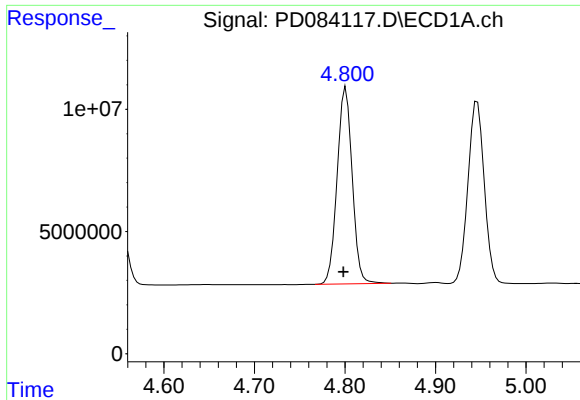
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.002 min
Response: 35780387
Conc: 45.11 ng/ml



#6 beta-BHC

R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 156691996
Conc: 44.53 ng/ml



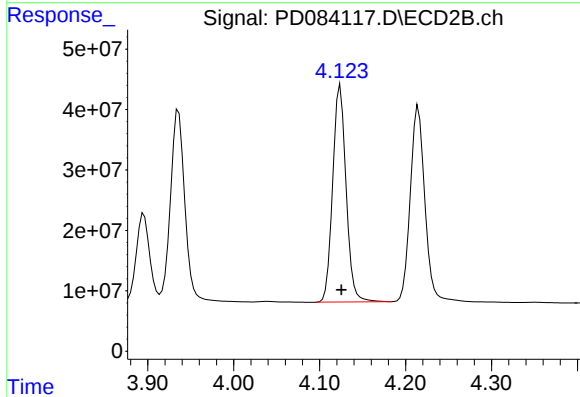
#7 delta-BHC

R.T.: 4.800 min
Delta R.T.: 0.001 min
Response: 92856985
Conc: 51.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB162310BS

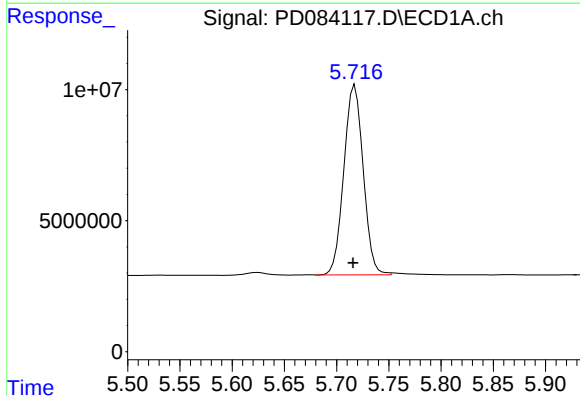
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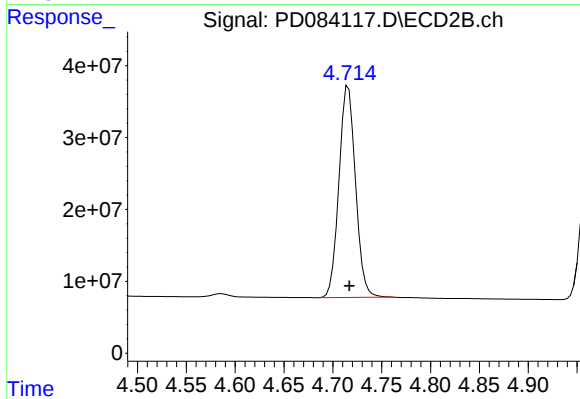
#7 delta-BHC

R.T.: 4.124 min
Delta R.T.: -0.002 min
Response: 387651289
Conc: 46.59 ng/ml



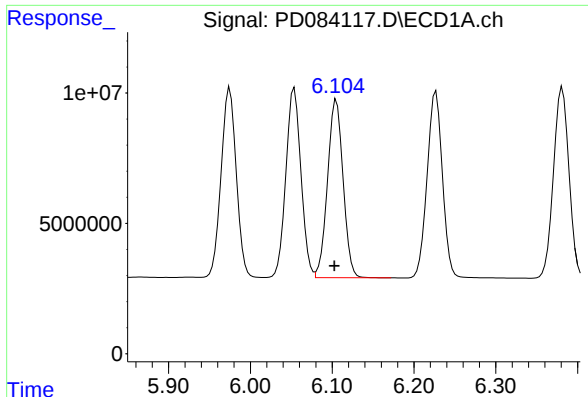
#8 Heptachlor epoxide

R.T.: 5.716 min
Delta R.T.: 0.000 min
Response: 93291700
Conc: 52.33 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.716 min
Delta R.T.: -0.001 min
Response: 347362576
Conc: 48.33 ng/ml



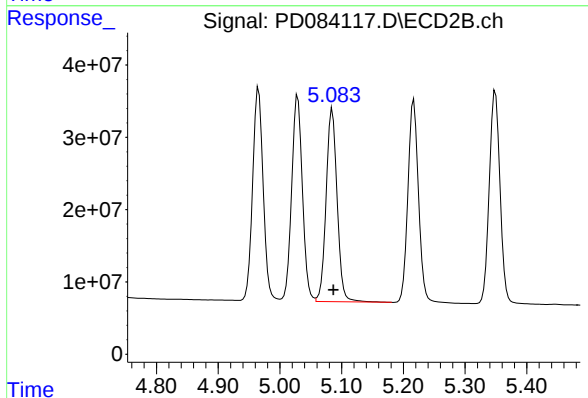
#9 Endosulfan I

R.T.: 6.105 min
Delta R.T.: 0.002 min
Response: 90448393
Conc: 46.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB162310BS

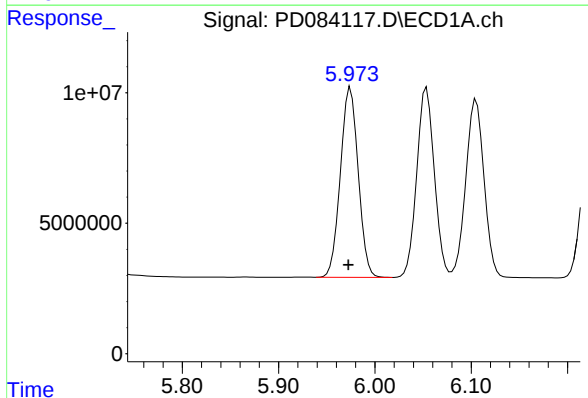
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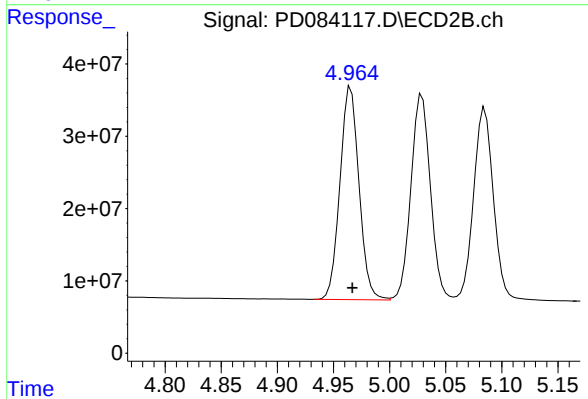
#9 Endosulfan I

R.T.: 5.085 min
Delta R.T.: -0.002 min
Response: 329877843
Conc: 47.83 ng/ml



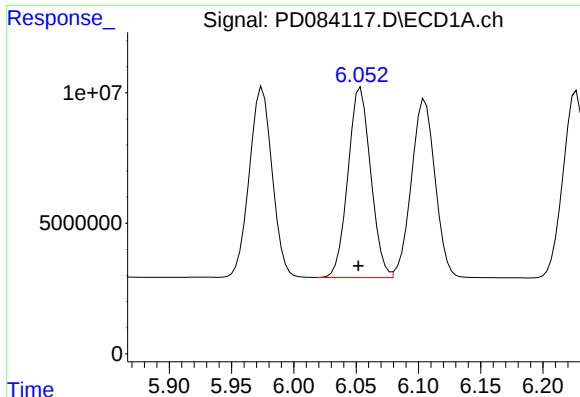
#10 gamma-Chlordane

R.T.: 5.975 min
Delta R.T.: 0.002 min
Response: 93304490
Conc: 46.66 ng/ml



#10 gamma-Chlordane

R.T.: 4.965 min
Delta R.T.: -0.001 min
Response: 347988278
Conc: 45.90 ng/ml



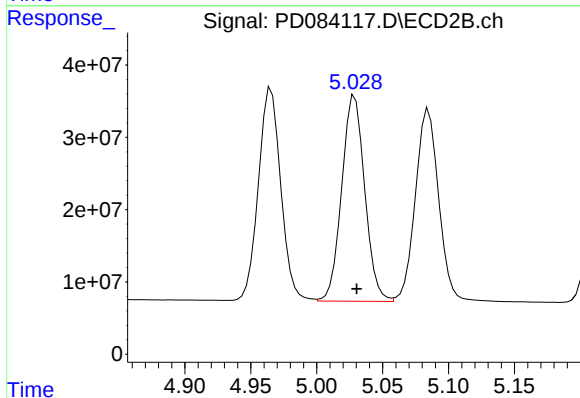
#11 alpha-Chlordane

R.T.: 6.054 min
Delta R.T.: 0.002 min
Response: 92887102
Conc: 46.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB162310BS

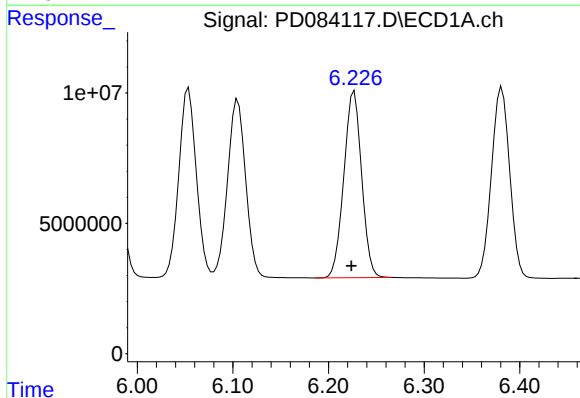
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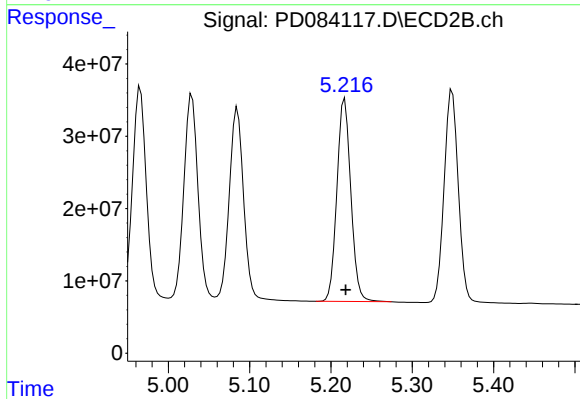
#11 alpha-Chlordane

R.T.: 5.029 min
Delta R.T.: -0.001 min
Response: 345384812
Conc: 46.25 ng/ml



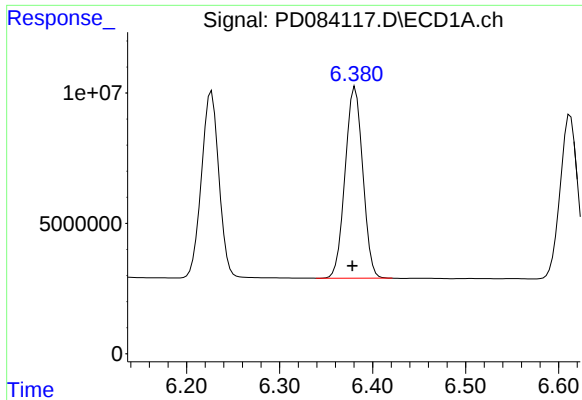
#12 4,4'-DDE

R.T.: 6.227 min
Delta R.T.: 0.003 min
Response: 92811322
Conc: 46.56 ng/ml



#12 4,4'-DDE

R.T.: 5.217 min
Delta R.T.: -0.001 min
Response: 334088955
Conc: 46.89 ng/ml



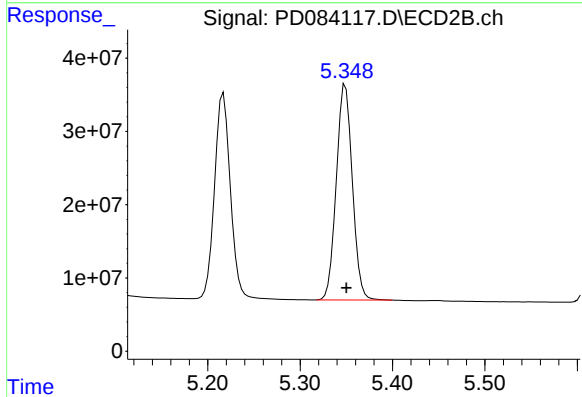
#13 Dieldrin

R.T.: 6.381 min
Delta R.T.: 0.003 min
Response: 96837312
Conc: 46.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB162310BS

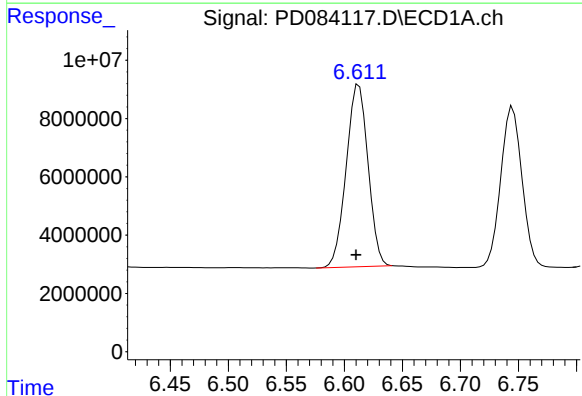
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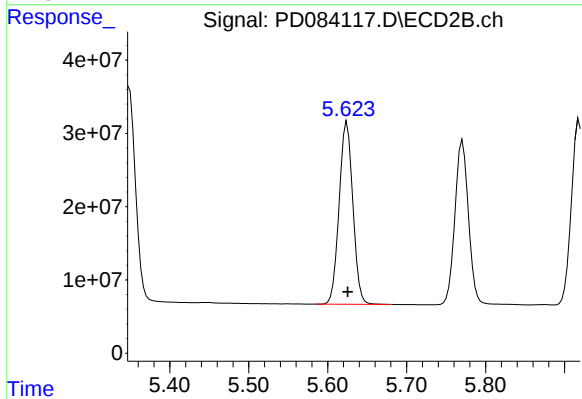
#13 Dieldrin

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 355482645
Conc: 47.35 ng/ml



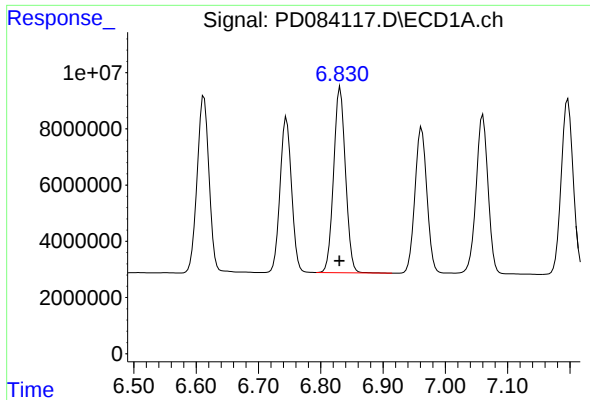
#14 Endrin

R.T.: 6.613 min
Delta R.T.: 0.003 min
Response: 81937446
Conc: 45.91 ng/ml



#14 Endrin

R.T.: 5.623 min
Delta R.T.: -0.002 min
Response: 300516382
Conc: 45.44 ng/ml m



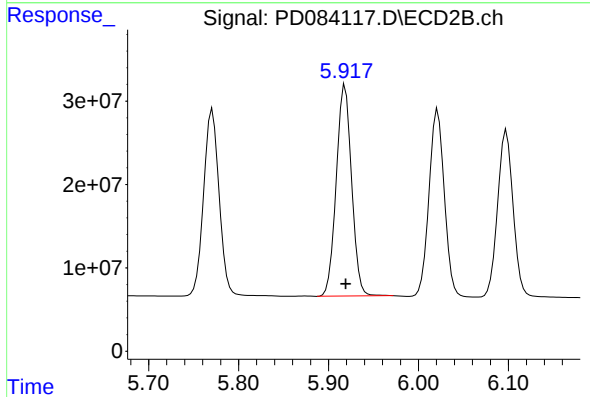
#15 Endosulfan II

R.T.: 6.831 min
Delta R.T.: 0.001 min
Response: 87025483
Conc: 45.57 ng/ml

Instrument :
ECD_D
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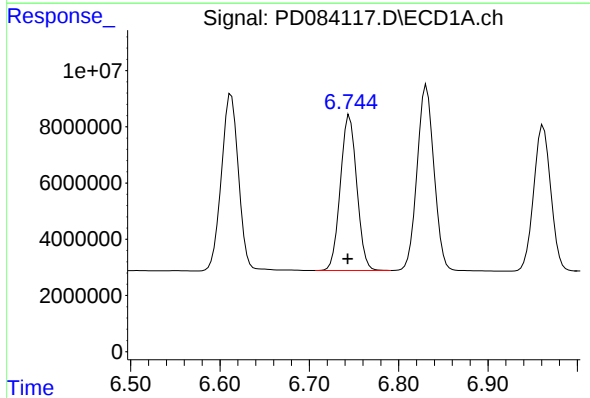
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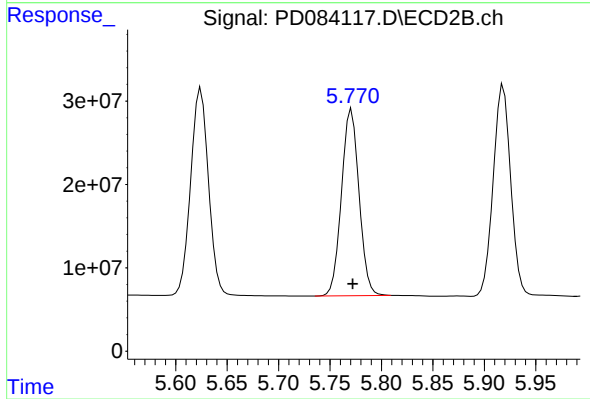
#15 Endosulfan II

R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 300252324
Conc: 46.99 ng/ml



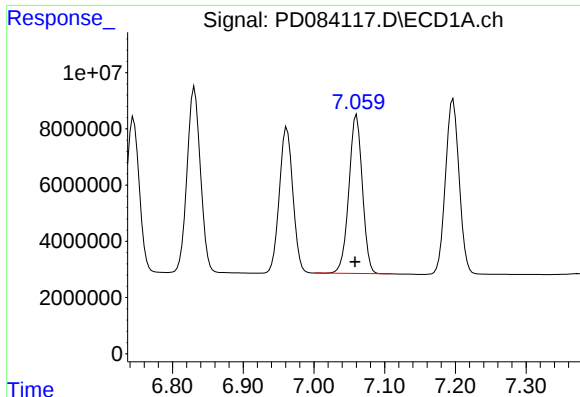
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.002 min
Response: 70523873
Conc: 46.55 ng/ml



#16 4,4'-DDD

R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 266057187
Conc: 48.04 ng/ml



#17 4,4'-DDT

R.T.: 7.060 min
Delta R.T.: 0.002 min
Response: 74852470
Conc: 43.58 ng/ml

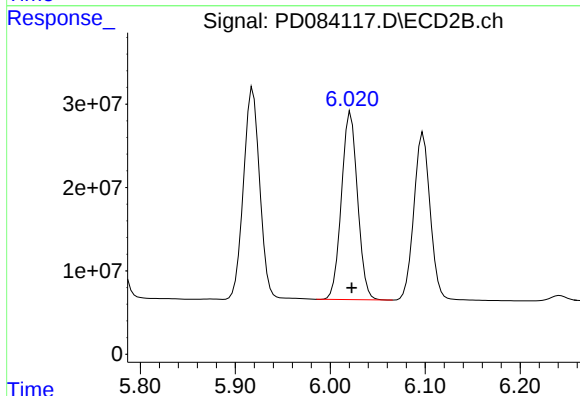
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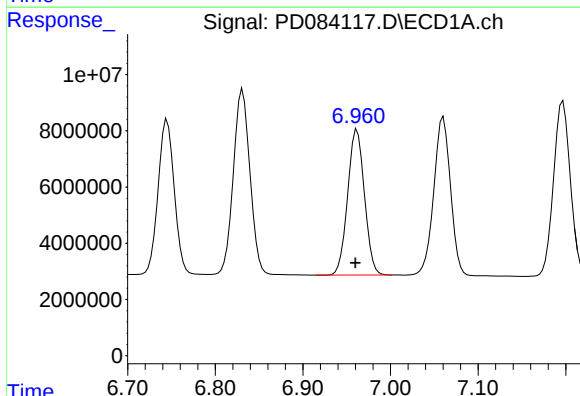
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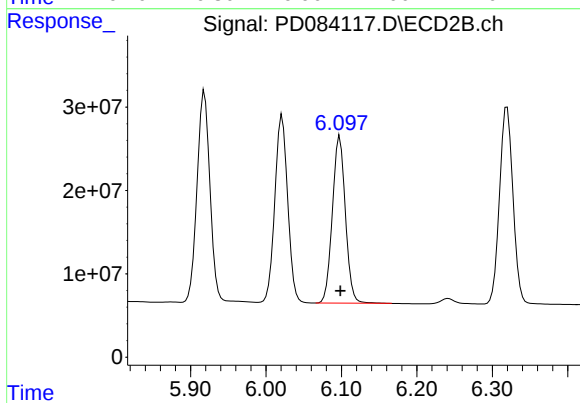
#17 4,4'-DDT

R.T.: 6.022 min
Delta R.T.: 0.000 min
Response: 266347713
Conc: 46.44 ng/ml



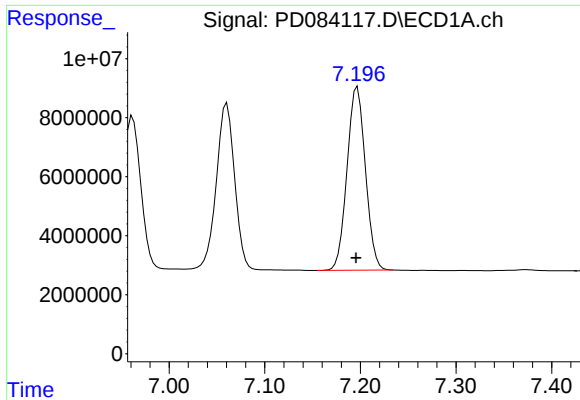
#18 Endrin aldehyde

R.T.: 6.962 min
Delta R.T.: 0.002 min
Response: 68966605
Conc: 46.95 ng/ml



#18 Endrin aldehyde

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 240572941
Conc: 47.94 ng/ml



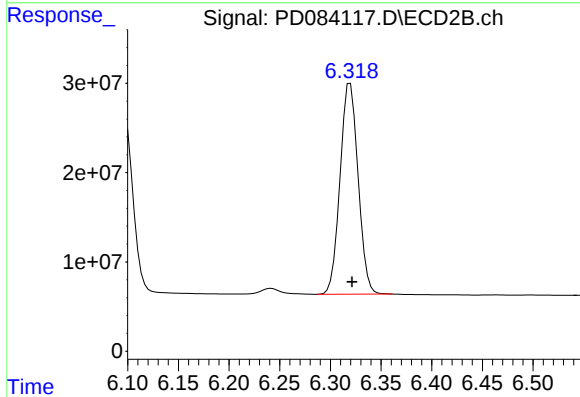
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: 0.002 min
Response: 83344640
Conc: 45.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB162310BS

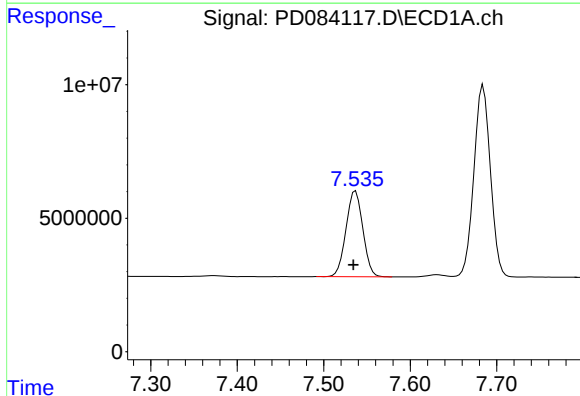
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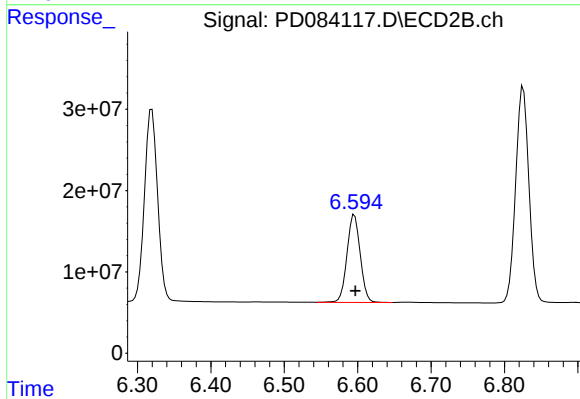
#19 Endosulfan Sulfate

R.T.: 6.320 min
Delta R.T.: -0.002 min
Response: 291937878
Conc: 47.70 ng/ml



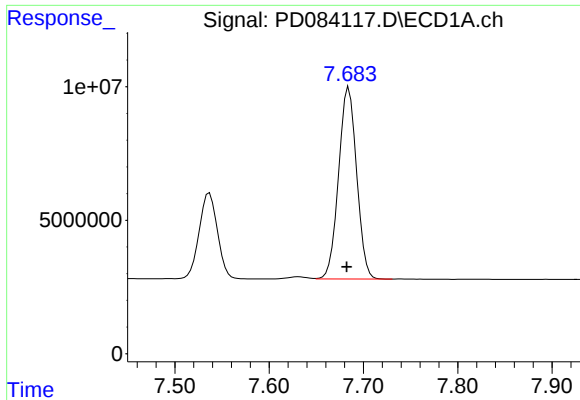
#20 Methoxychlor

R.T.: 7.537 min
Delta R.T.: 0.002 min
Response: 43278427
Conc: 43.92 ng/ml



#20 Methoxychlor

R.T.: 6.594 min
Delta R.T.: -0.003 min
Response: 135560924
Conc: 45.96 ng/ml m



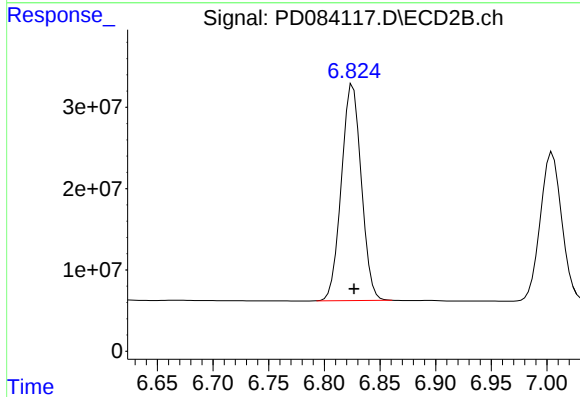
#21 Endrin ketone

R.T.: 7.684 min
Delta R.T.: 0.002 min
Response: 95498723
Conc: 46.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB162310BS

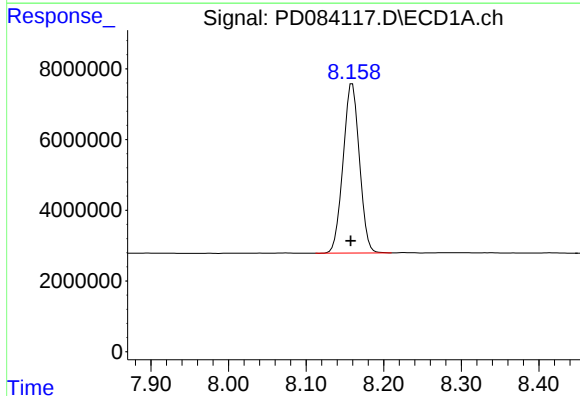
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/30/2024
Supervised By :Ankita Jodhani 07/30/2024



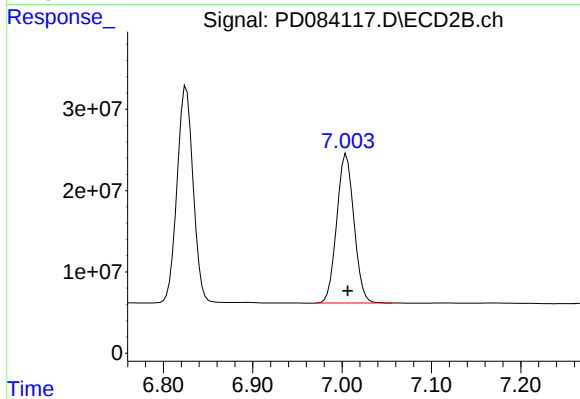
#21 Endrin ketone

R.T.: 6.826 min
Delta R.T.: -0.001 min
Response: 331602822
Conc: 48.98 ng/ml



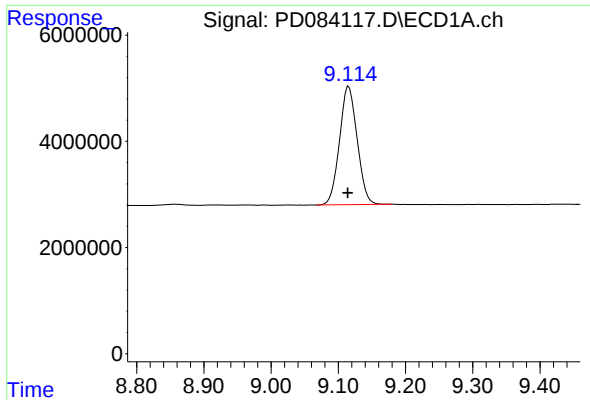
#22 Mirex

R.T.: 8.160 min
Delta R.T.: 0.002 min
Response: 70054847
Conc: 43.01 ng/ml



#22 Mirex

R.T.: 7.005 min
Delta R.T.: -0.002 min
Response: 245579079
Conc: 45.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: 0.001 min
Response: 40465948
Conc: 17.73 ng/ml

Instrument :

ECD_D

ClientSampleId :

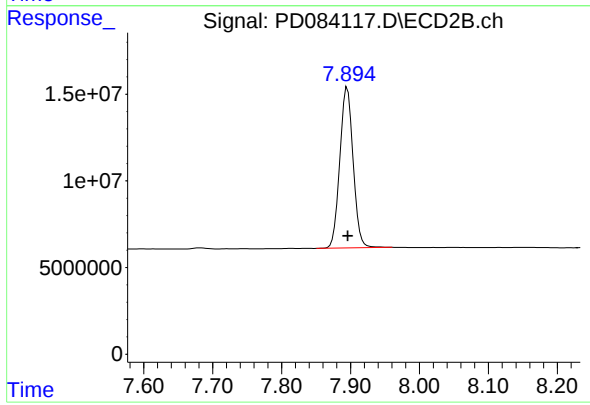
PB162310BS

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#28 Decachlorobiphenyl

R.T.: 7.895 min
Delta R.T.: 0.000 min
Response: 124471348
Conc: 19.38 ng/ml