

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042225\
 Data File : PD088221.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2025 17:18
 Operator : AR\AJ
 Sample : Q1842-06MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PL-714-COMP-08MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/23/2025
 Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 01:20:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 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...	3.552	2.883	37261045	253.4E6	18.655	17.332
28)	SA Decachlor...	9.075	8.077	62875315	325.8E6	19.006	17.629
Target Compounds							
2)	A alpha-BHC	4.001	3.396	232.6E6	1100.0E6	53.941	48.114
3)	MA gamma-BHC...	4.332	3.733	225.4E6	1018.1E6	53.828	47.268
4)	MA Heptachlor	4.931	4.086	206.5E6	978.2E6	51.122	45.714
5)	MB Aldrin	5.273	4.373	203.6E6	972.5E6	51.556	46.748
6)	B beta-BHC	4.516	4.028	86371611	451.4E6	53.205	48.782
7)	B delta-BHC	4.765	4.265	236.6E6	1049.7E6	57.348	49.371
8)	B Heptachlo...	5.693	4.876	189.7E6	916.8E6	53.087	48.521
9)	A Endosulfan I	6.076	5.251	179.0E6	862.9E6	53.014	47.905
10)	B gamma-Chl...	5.948	5.130	190.3E6	978.0E6	52.535	48.186
11)	B alpha-Chl...	6.029	5.194	189.1E6	939.2E6	52.375	47.909
12)	B 4,4'-DDE	6.197	5.379	170.2E6	940.7E6	51.611	47.765
13)	MA Dieldrin	6.349	5.515	190.5E6	966.2E6	53.386	48.474m
14)	MA Endrin	6.576	5.793	155.5E6	873.0E6	52.133	47.963
15)	B Endosulfa...	6.788	6.084	160.4E6	858.7E6	51.317	49.009
16)	A 4,4'-DDD	6.706	5.934	133.7E6	802.1E6	53.172	48.949
17)	MA 4,4'-DDT	7.021	6.188	131.4E6	771.8E6	47.323m	45.357
18)	B Endrin al...	6.917	6.263	121.5E6	639.9E6	52.658	48.108
19)	B Endosulfa...	7.151	6.486	149.1E6	808.5E6	51.830	47.186
20)	A Methoxychlor	7.494	6.758	70060102	402.3E6	46.721	44.105
21)	B Endrin ke...	7.632	6.995	159.4E6	865.4E6	51.634	46.269
22)	Mirex	8.116	7.189	113.7E6	650.9E6	48.413	43.914

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

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Data File : PD088221.D
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Acq On : 22 Apr 2025 17:18
Operator : AR\AJ
Sample : Q1842-06MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

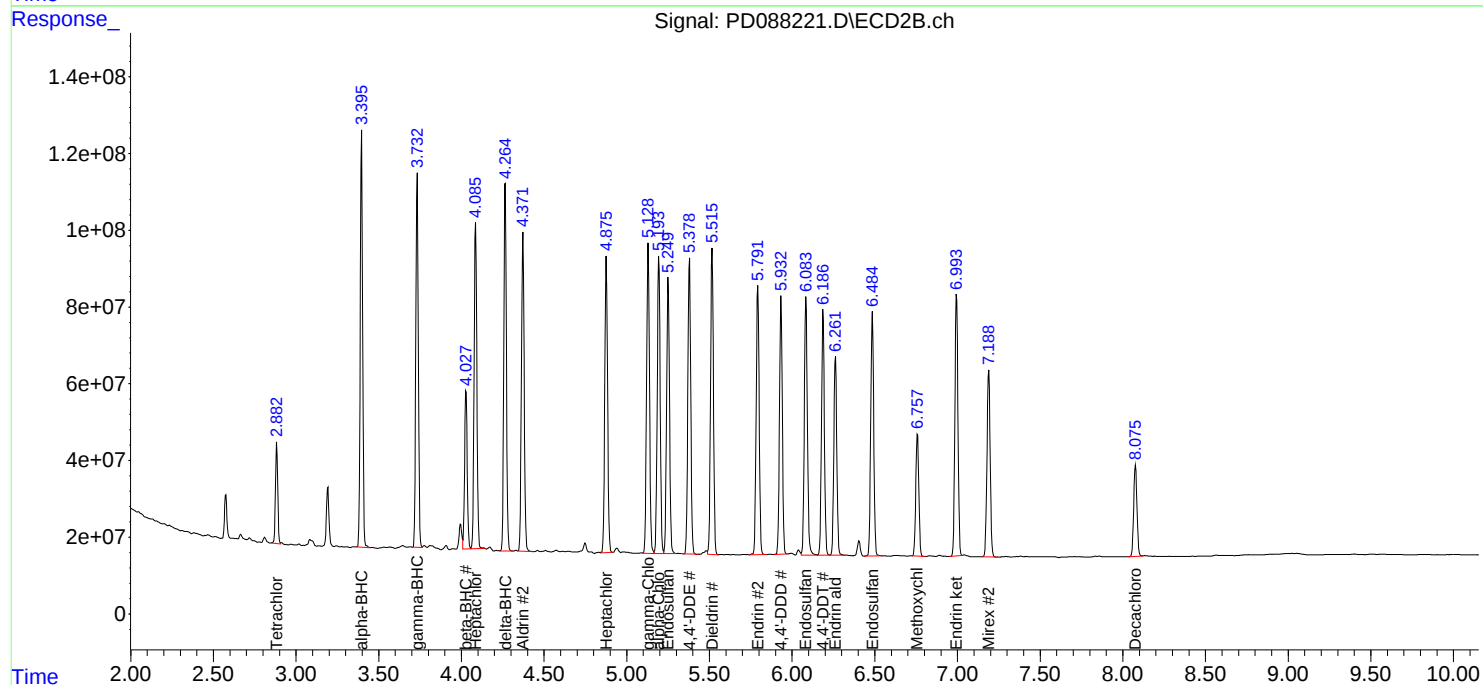
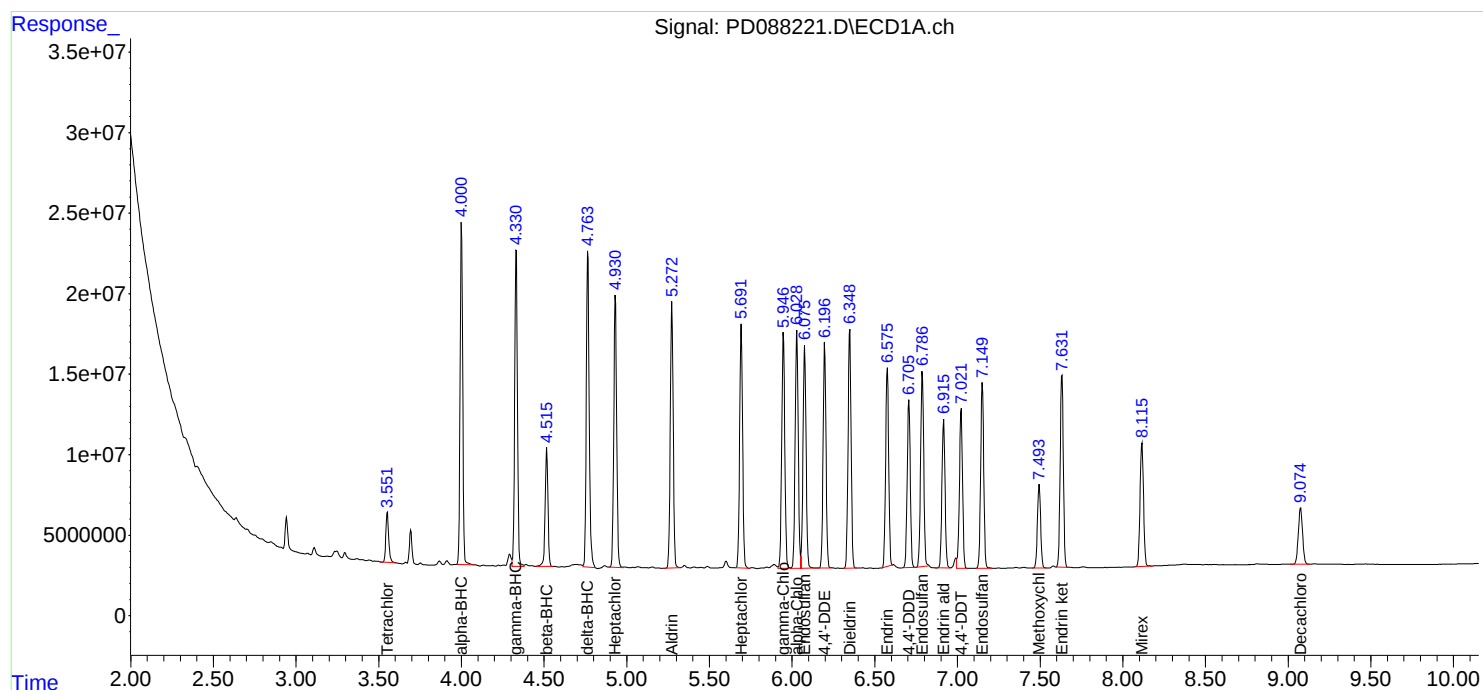
Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08MSD

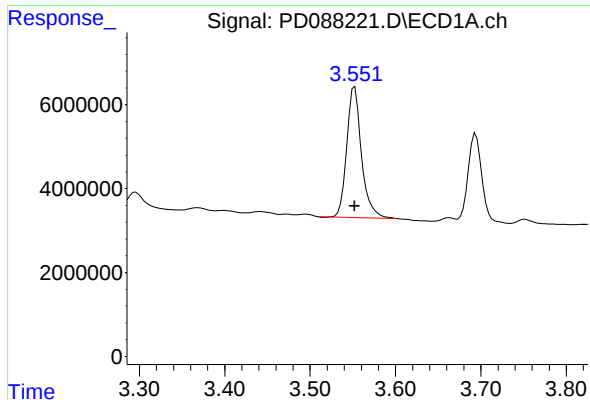
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 01:20:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





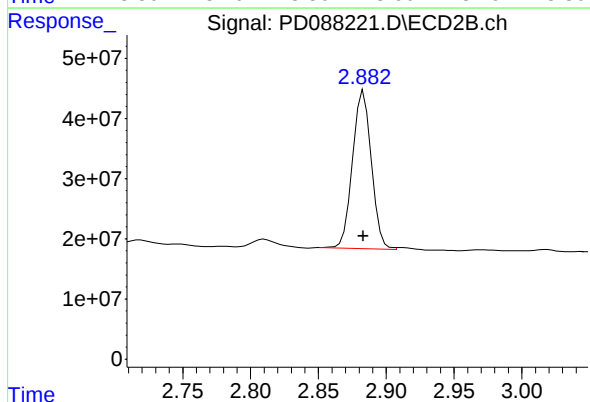
#1 Tetrachloro-m-xylene

R.T.: 3.552 min
Delta R.T.: 0.000 min
Response: 37261045
Conc: 18.65 ng/ml

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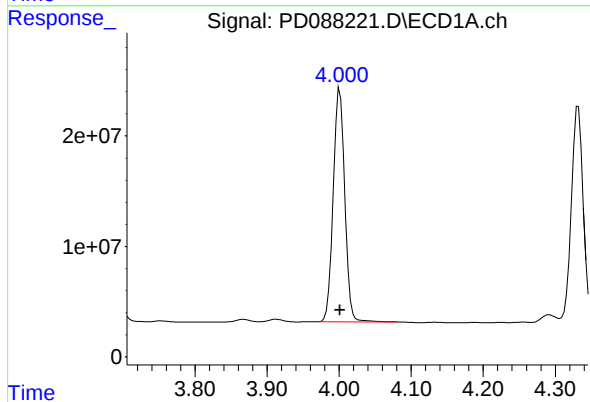
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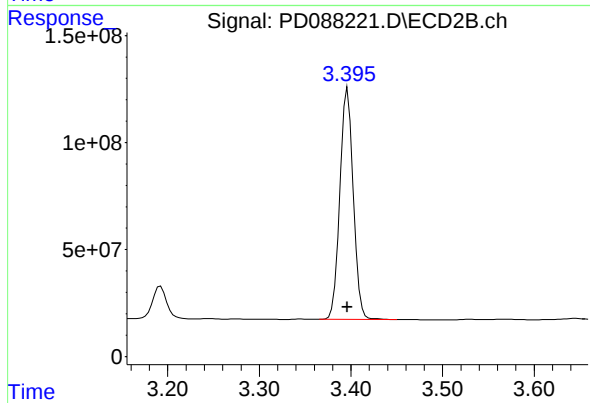
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 253422732
Conc: 17.33 ng/ml



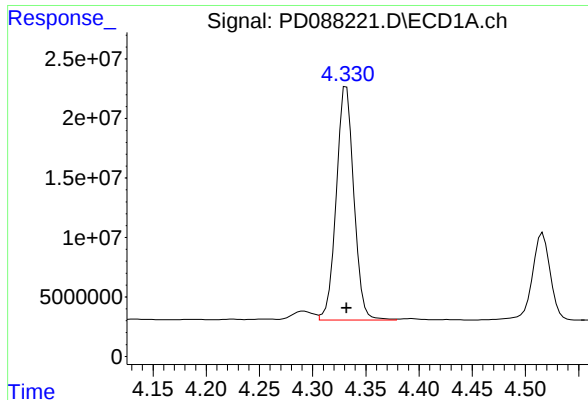
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 232594542
Conc: 53.94 ng/ml



#2 alpha-BHC

R.T.: 3.396 min
Delta R.T.: 0.000 min
Response: 1099961247
Conc: 48.11 ng/ml



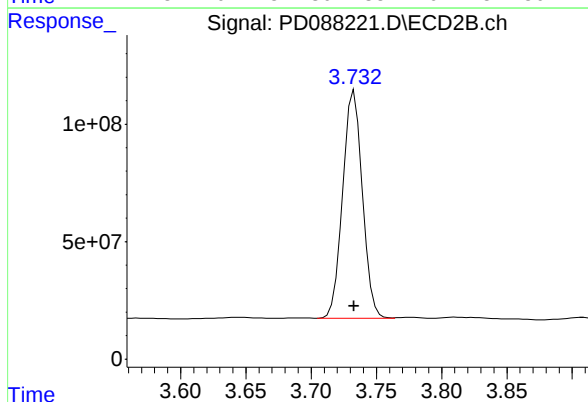
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 225403934
Conc: 53.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08MSD

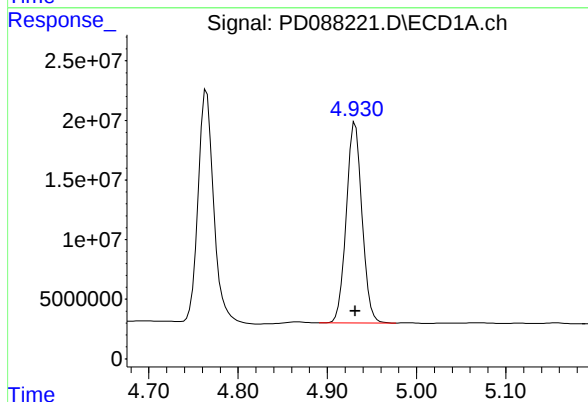
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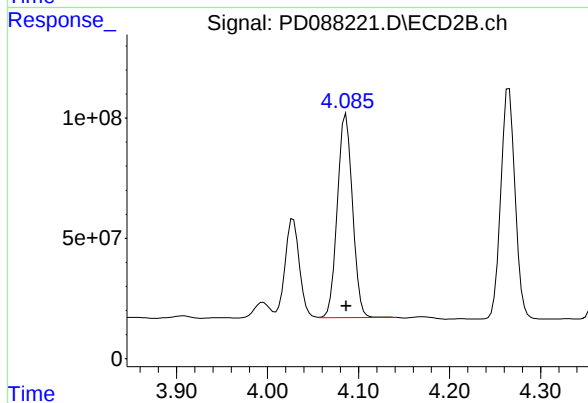
#3 gamma-BHC (Lindane)

R.T.: 3.733 min
Delta R.T.: 0.000 min
Response: 1018089815
Conc: 47.27 ng/ml



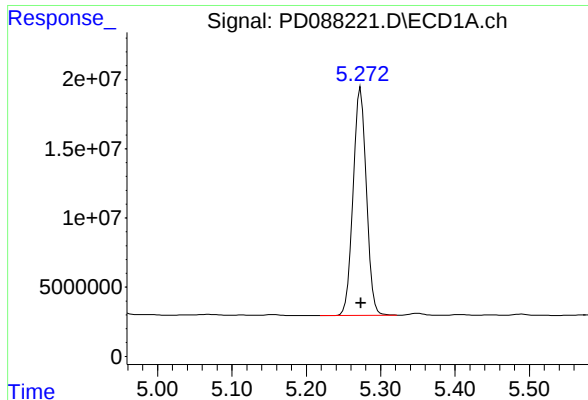
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 206478486
Conc: 51.12 ng/ml



#4 Heptachlor

R.T.: 4.086 min
Delta R.T.: 0.000 min
Response: 978186150
Conc: 45.71 ng/ml



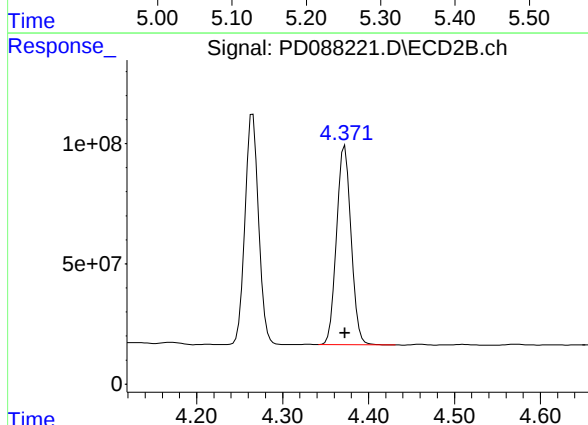
#5 Aldrin

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 203625899
Conc: 51.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
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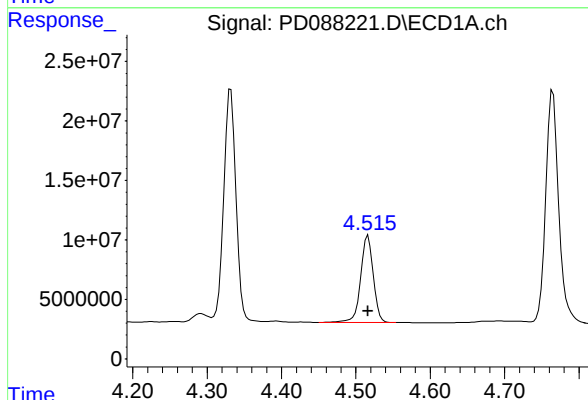
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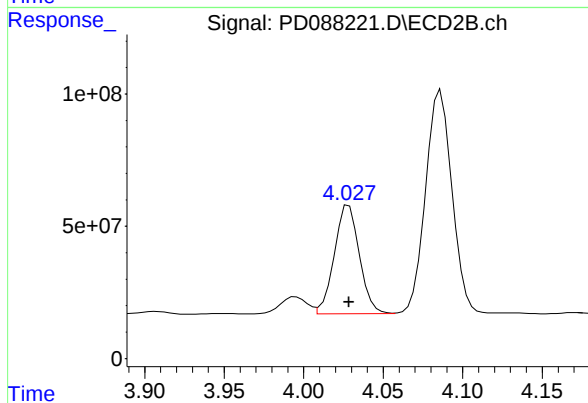
#5 Aldrin

R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 972487884
Conc: 46.75 ng/ml



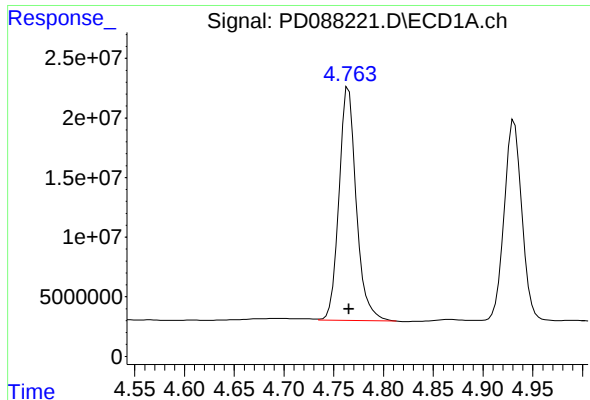
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 86371611
Conc: 53.20 ng/ml



#6 beta-BHC

R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 451432689
Conc: 48.78 ng/ml



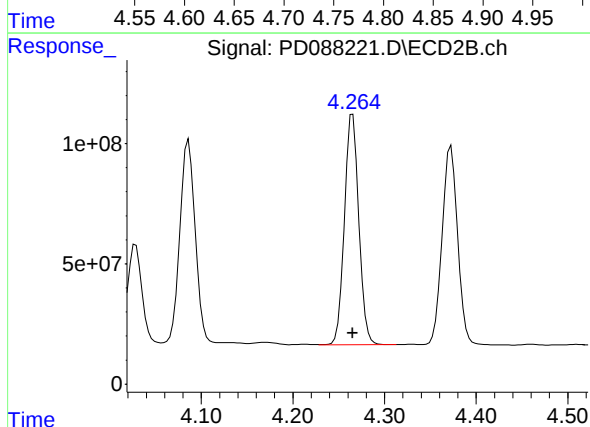
#7 delta-BHC

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 236560149
Conc: 57.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08MSD

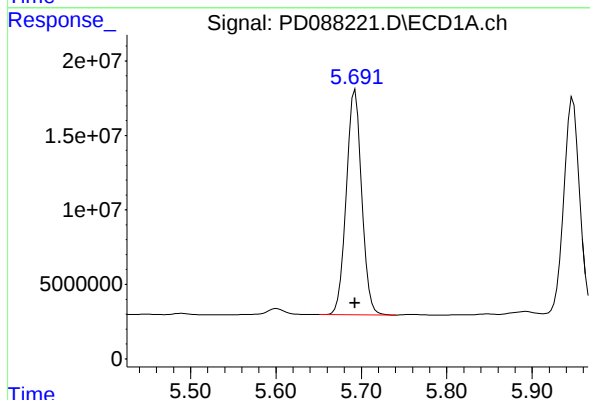
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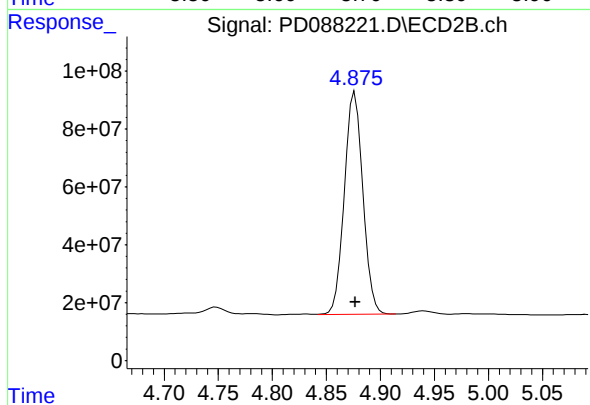
#7 delta-BHC

R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 1049715616
Conc: 49.37 ng/ml



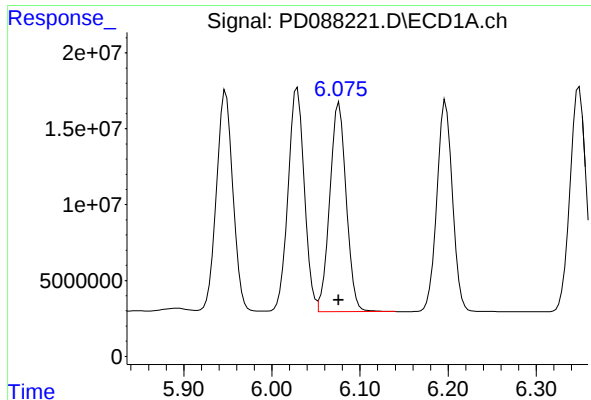
#8 Heptachlor epoxide

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 189731154
Conc: 53.09 ng/ml



#8 Heptachlor epoxide

R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 916769577
Conc: 48.52 ng/ml



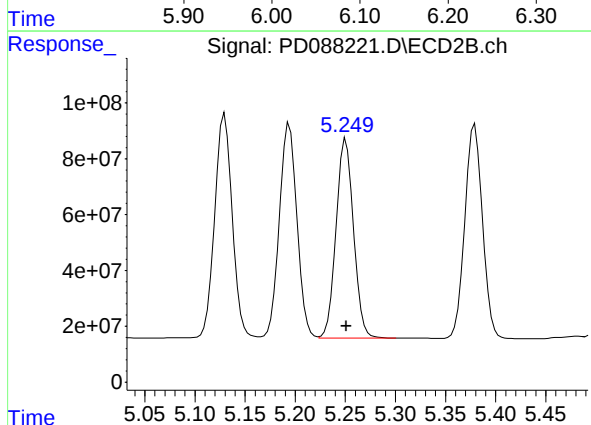
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 179036949
Conc: 53.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08MSD

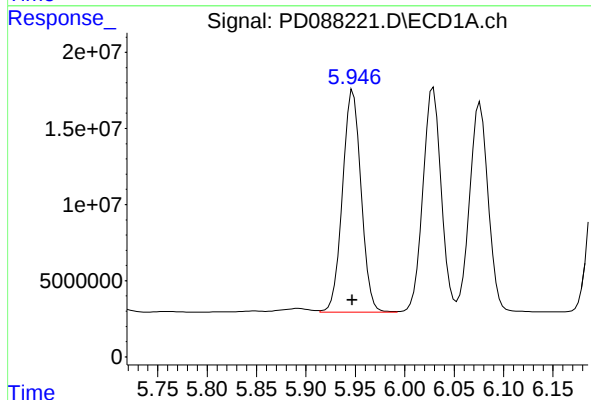
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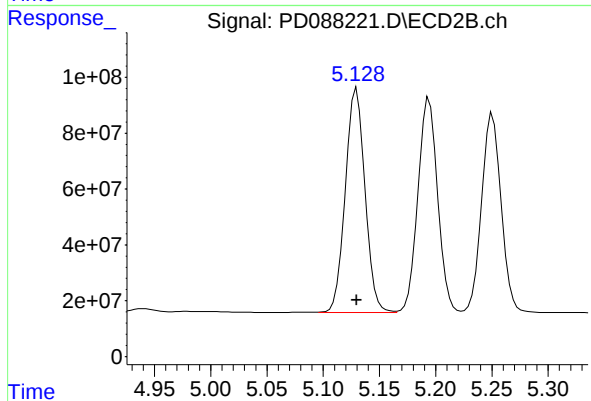
#9 Endosulfan I

R.T.: 5.251 min
Delta R.T.: 0.000 min
Response: 862884027
Conc: 47.90 ng/ml



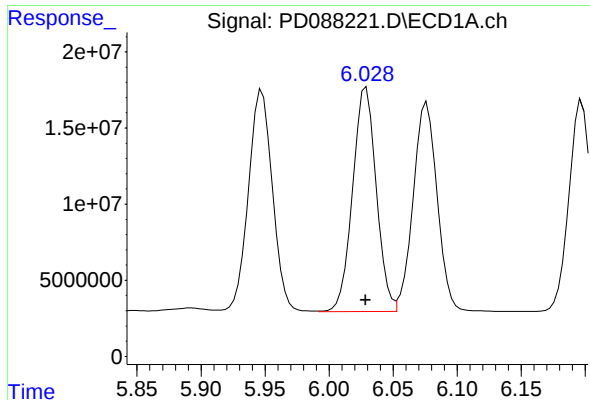
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 190283636
Conc: 52.53 ng/ml



#10 gamma-Chlordane

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 977983474
Conc: 48.19 ng/ml



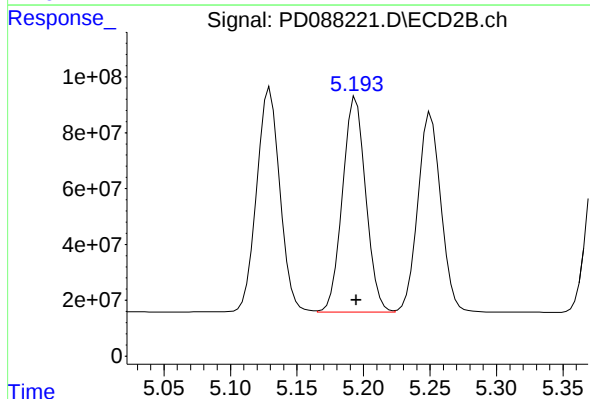
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 189053005
Conc: 52.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
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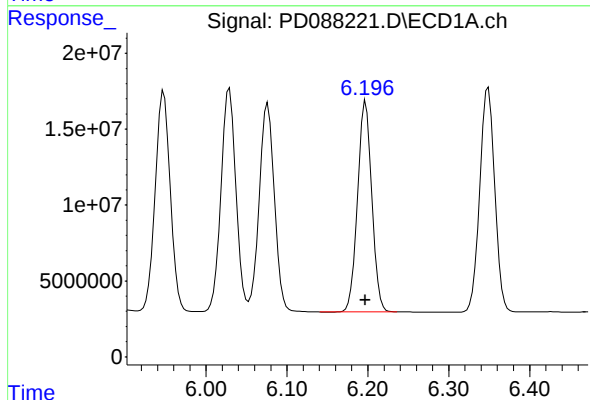
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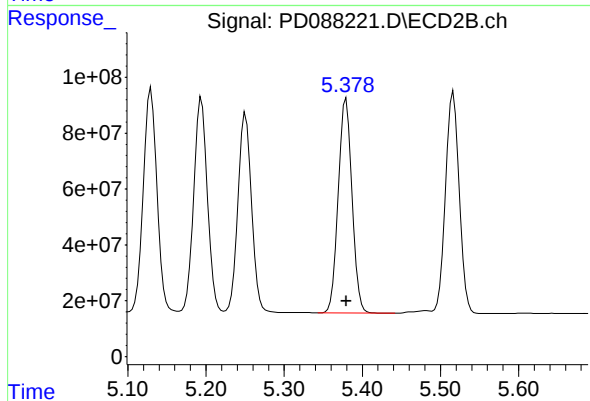
#11 alpha-Chlordane

R.T.: 5.194 min
Delta R.T.: 0.000 min
Response: 939157088
Conc: 47.91 ng/ml



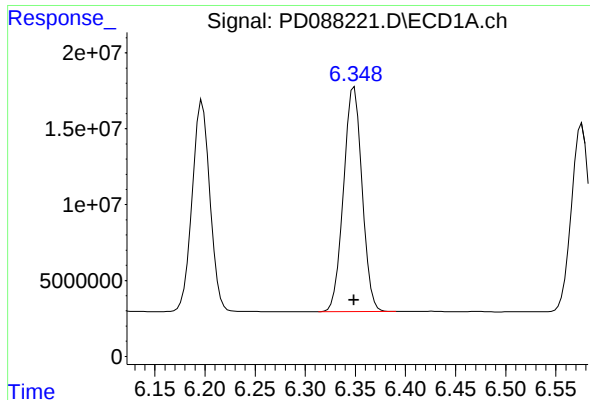
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 170224997
Conc: 51.61 ng/ml



#12 4,4'-DDE

R.T.: 5.379 min
Delta R.T.: 0.000 min
Response: 940683295
Conc: 47.77 ng/ml



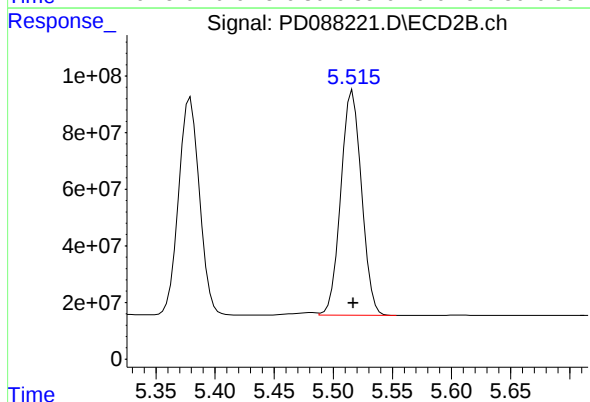
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 190506617
Conc: 53.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
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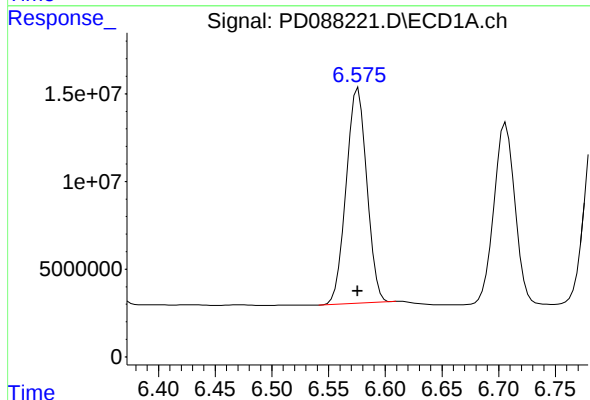
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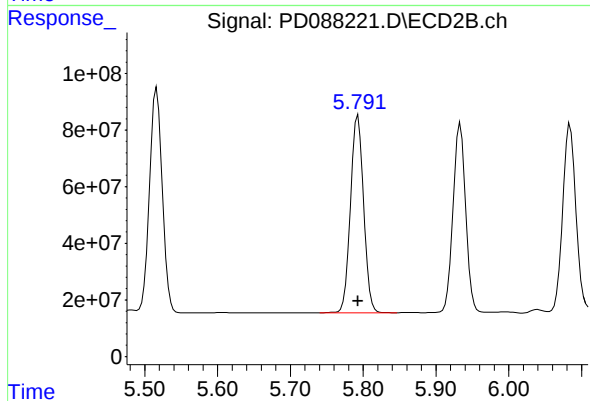
#13 Dieldrin

R.T.: 5.515 min
Delta R.T.: -0.002 min
Response: 966231754
Conc: 48.47 ng/ml



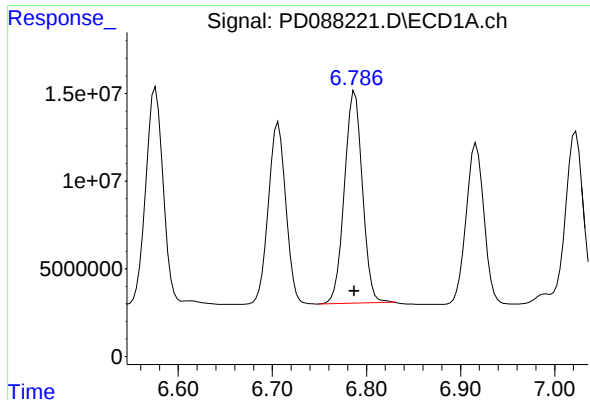
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 155490811
Conc: 52.13 ng/ml



#14 Endrin

R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 873042466
Conc: 47.96 ng/ml



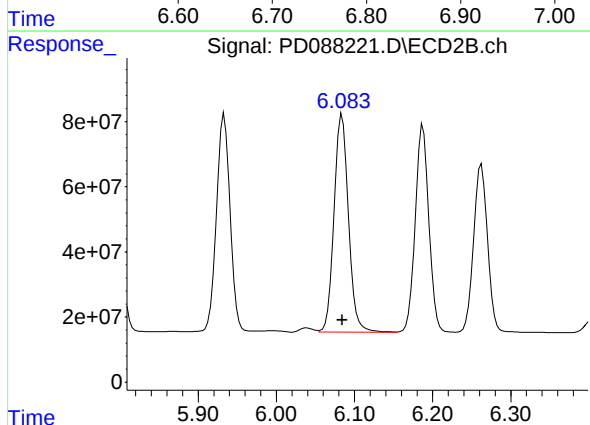
#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: 0.000 min
Response: 160427461
Conc: 51.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
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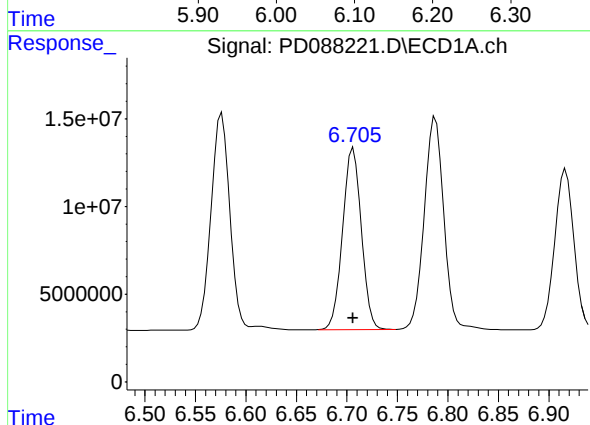
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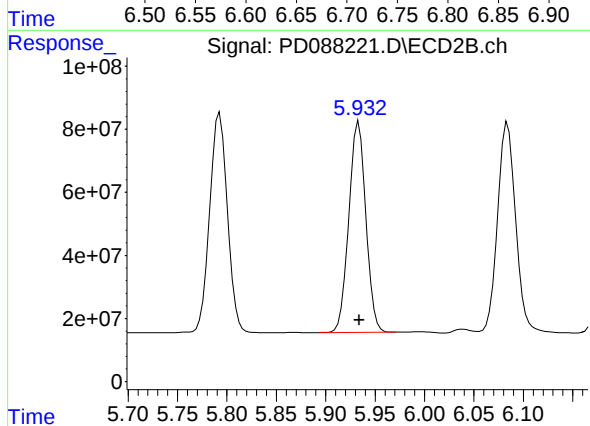
#15 Endosulfan II

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 858721401
Conc: 49.01 ng/ml



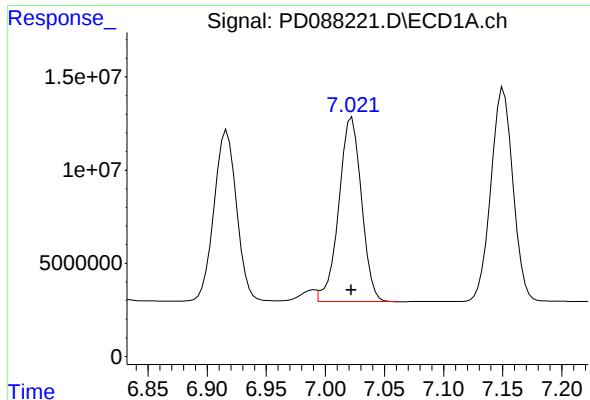
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 133724863
Conc: 53.17 ng/ml



#16 4,4'-DDD

R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 802085045
Conc: 48.95 ng/ml



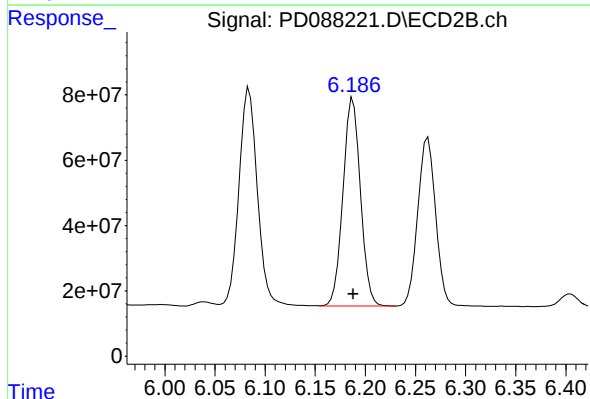
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 131442573
Conc: 47.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08MSD

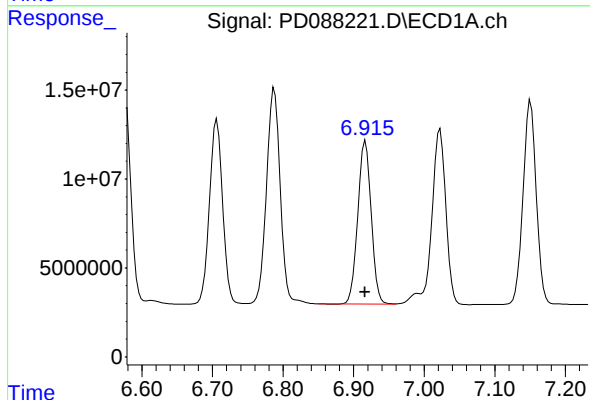
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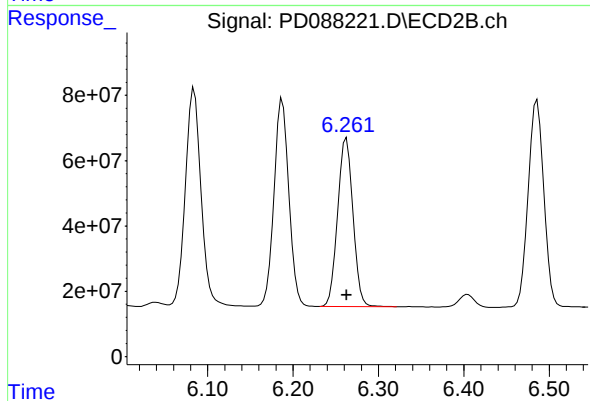
#17 4,4'-DDT

R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 771818261
Conc: 45.36 ng/ml



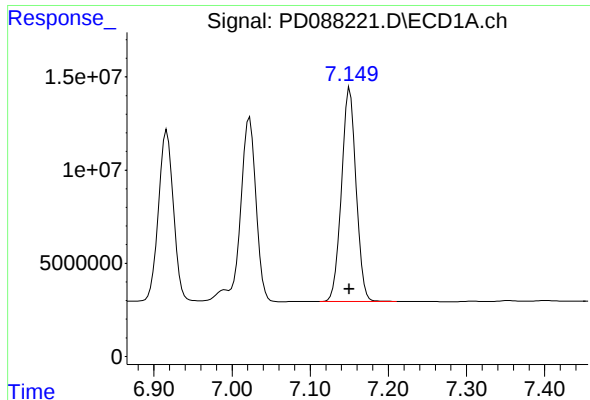
#18 Endrin aldehyde

R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 121534128
Conc: 52.66 ng/ml



#18 Endrin aldehyde

R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 639889394
Conc: 48.11 ng/ml



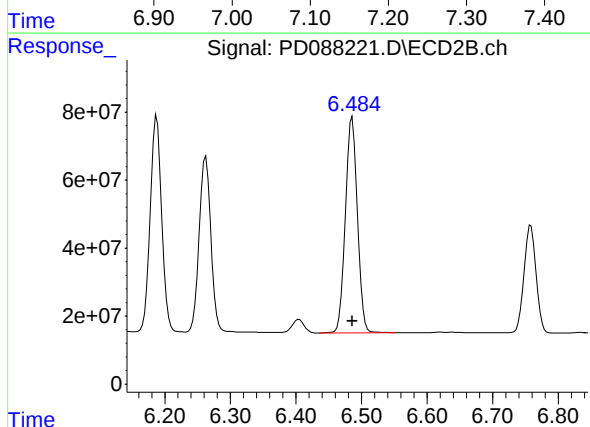
#19 Endosulfan Sulfate

R.T.: 7.151 min
Delta R.T.: 0.000 min
Response: 149055158
Conc: 51.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
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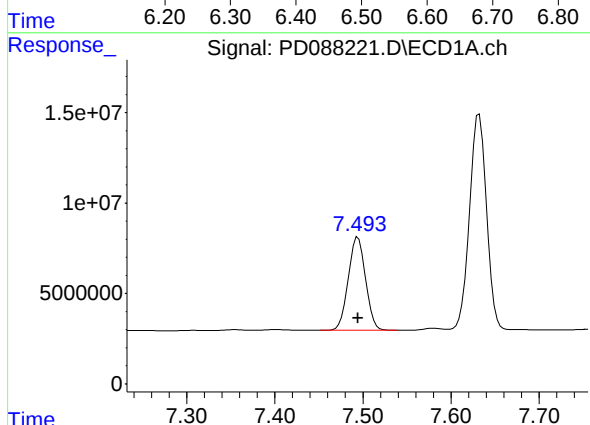
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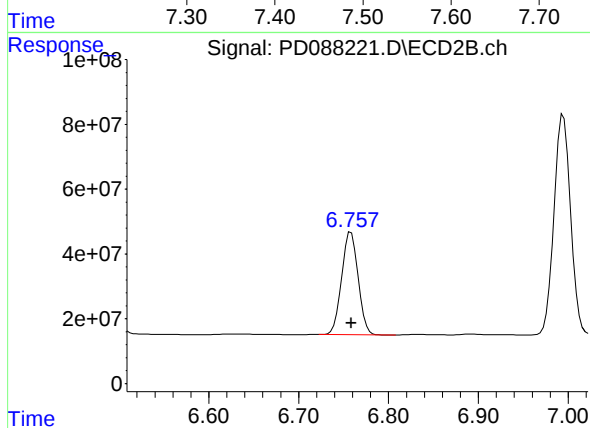
#19 Endosulfan Sulfate

R.T.: 6.486 min
Delta R.T.: 0.000 min
Response: 808456172
Conc: 47.19 ng/ml



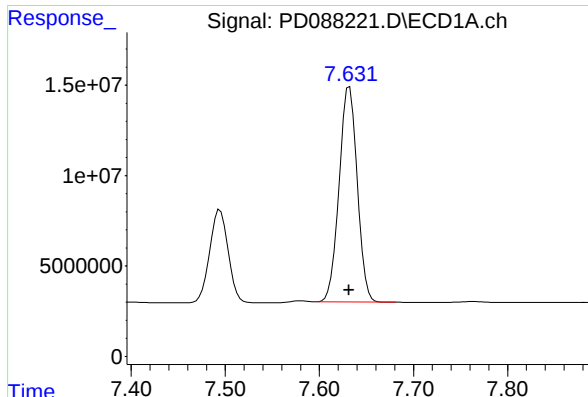
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 70060102
Conc: 46.72 ng/ml



#20 Methoxychlor

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 402281298
Conc: 44.10 ng/ml



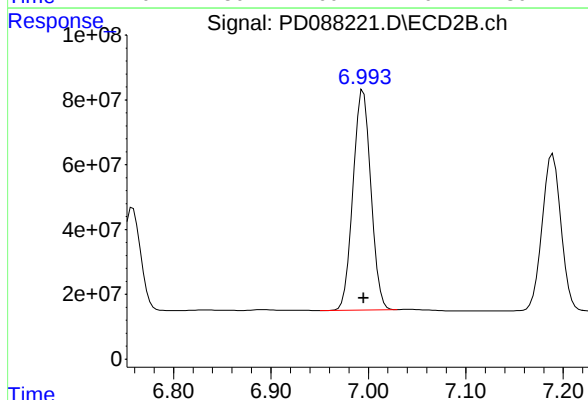
#21 Endrin ketone

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 159371443
Conc: 51.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08MSD

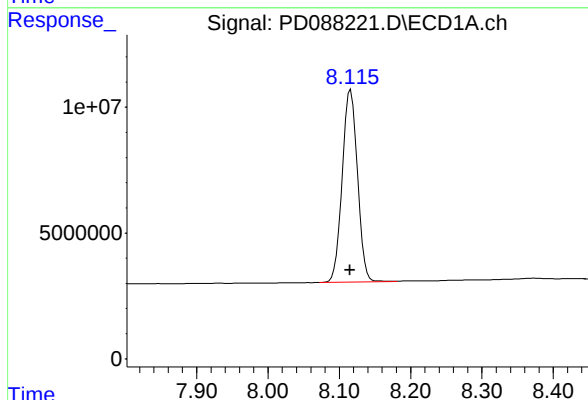
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



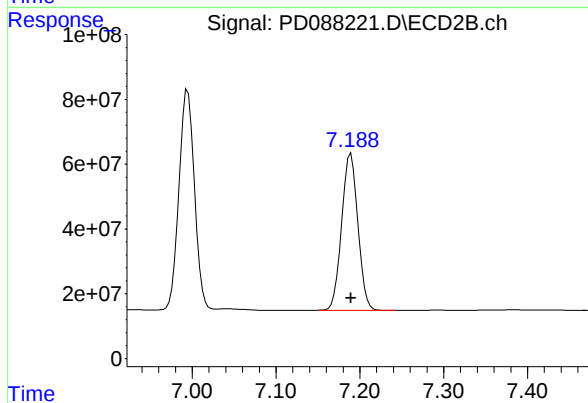
#21 Endrin ketone

R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 865420596
Conc: 46.27 ng/ml



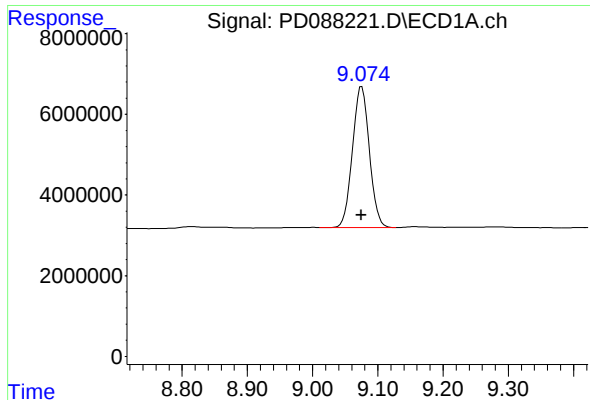
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 113690343
Conc: 48.41 ng/ml



#22 Mirex

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 650851197
Conc: 43.91 ng/ml



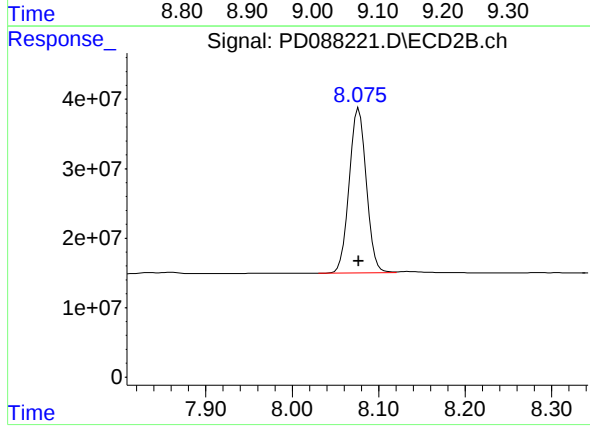
#28 Decachlorobiphenyl

R.T.: 9.075 min
Delta R.T.: 0.000 min
Response: 62875315
Conc: 19.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-08MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.077 min
Delta R.T.: 0.000 min
Response: 325783748
Conc: 17.63 ng/ml