

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121523\
 Data File : PD080090.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Dec 2023 10:11
 Operator : AR\AJ
 Sample : 05796-06MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 RT-SB-04-13-14MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/15/2023
 Supervised By :Ankita Jodhani 12/15/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 15 01:03:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120623.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 06 14:11:45 2023
 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...	3.568	2.801	20039368	35925942	13.296	14.291
28) SA Decachlor...	9.111	7.944	19036296	27541732	9.404m	9.770m
Target Compounds						
2) A alpha-BHC	4.025	3.304	87260162	131.1E6	34.739	34.283
3) MA gamma-BHC...	4.358	3.633	77749549	116.0E6	32.817	31.921
4) MA Heptachlor	4.950	3.975	62971149	90113332	25.605	25.699
5) MB Aldrin	5.294	4.256	69454287	98094042	29.248	27.554
6) B beta-BHC	4.551	3.928	31891574	46015473	31.867	29.807
7) B delta-BHC	4.801	4.159	75170078	104.6E6	30.695	27.776
8) B Heptachlo...	5.720	4.758	66259949	84239733	30.080	25.688
9) A Endosulfan I	6.107	5.128	56884082	74632212	27.664	24.719
10) B gamma-Chl...	5.976	5.008	62519879	81045118	28.719	25.141
11) B alpha-Chl...	6.056	5.073	58401212	77967056	27.073	24.260
12) B 4,4'-DDE	6.227	5.262	55162112	70435929	27.511	23.368
13) MA Dieldrin	6.382	5.393	60506656	79261485	27.732	24.206
14) MA Endrin	6.612	5.669	50426904	72860361	27.807	25.928
15) B Endosulfa...	6.829	5.960	48028140	63336131	25.211m	23.212
16) A 4,4'-DDD	6.744	5.815	48715724	60213600	29.079	23.383
17) MA 4,4'-DDT	7.059	6.067	50846526	52598944	28.579	20.704 #
18) B Endrin al...	6.960	6.140	39779087	46112087	27.767	22.462
19) B Endosulfa...	7.195	6.362	51195543	62572806	27.000	23.340
20) A Methoxychlor	7.531	6.641	23046100	27845930	23.317m	19.042
21) B Endrin ke...	7.681	6.868	57419111	66802000	27.732	21.375
22) Mirex	8.158	7.054	41846110	46014045	25.581	19.013 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121523\
Data File : PD080090.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Dec 2023 10:11
Operator : AR\AJ
Sample : 05796-06MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

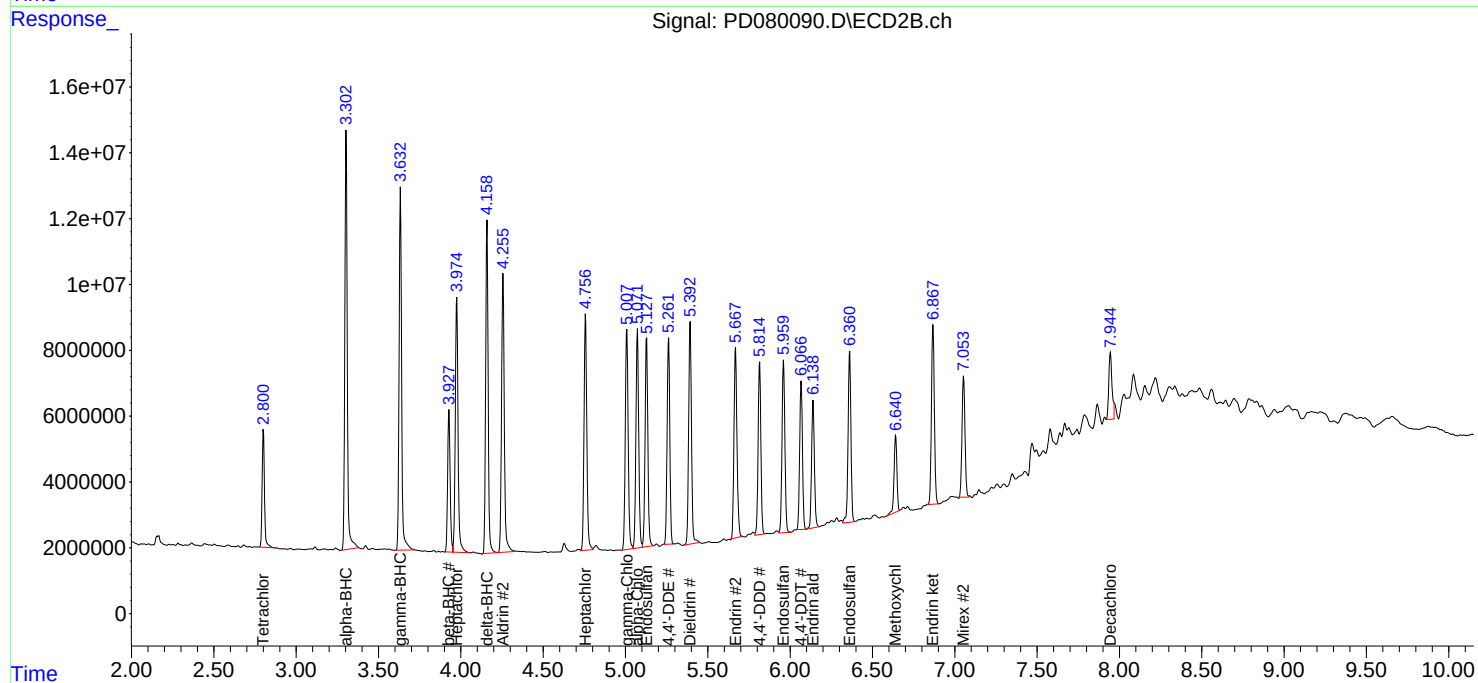
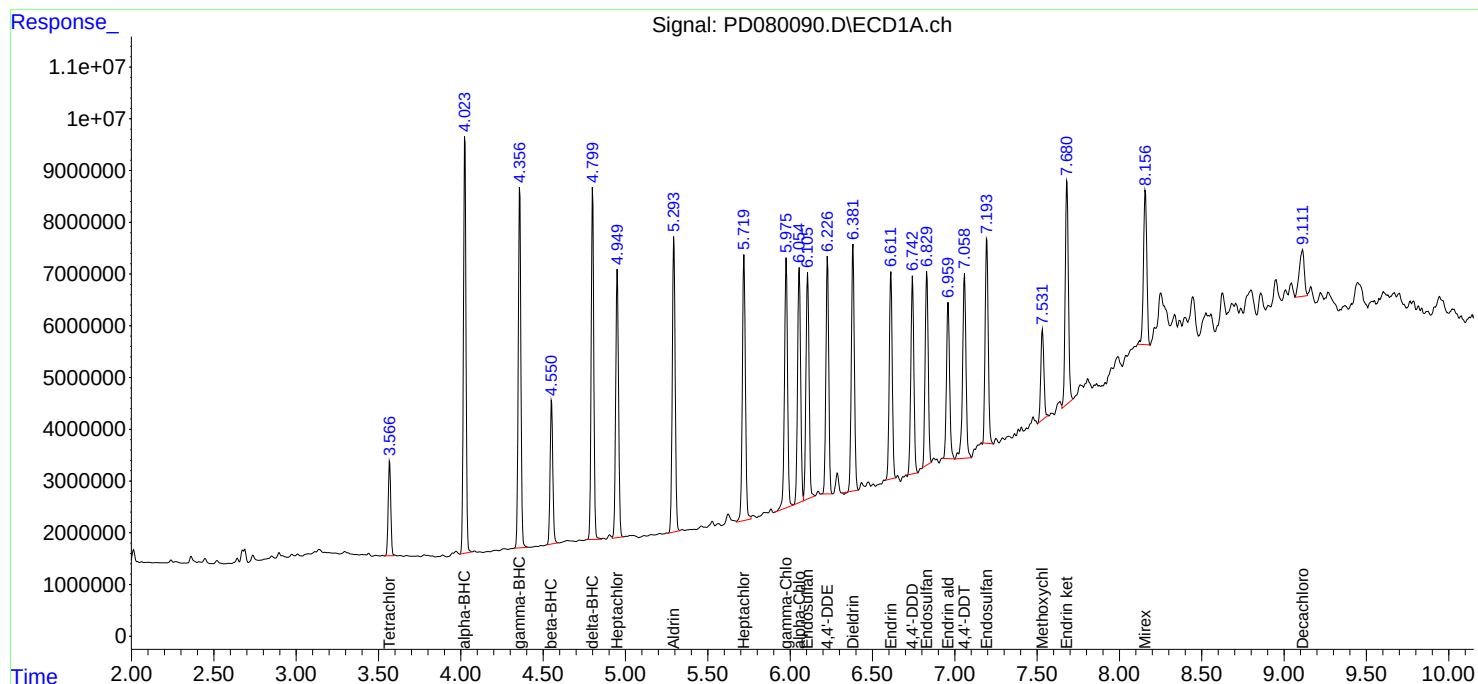
Instrument :
ECD_D
ClientSampleId :
RT-SB-04-13-14MSD

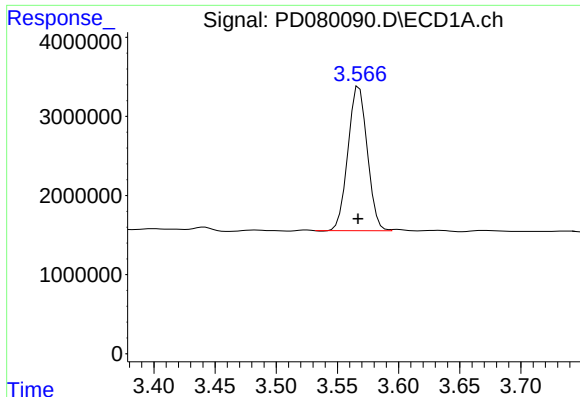
Manual Integrations
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Supervised By :Ankita Jodhani 12/15/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 15 01:03:12 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120623.M
Quant Title : GC Extractables
QLast Update : Wed Dec 06 14:11:45 2023
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





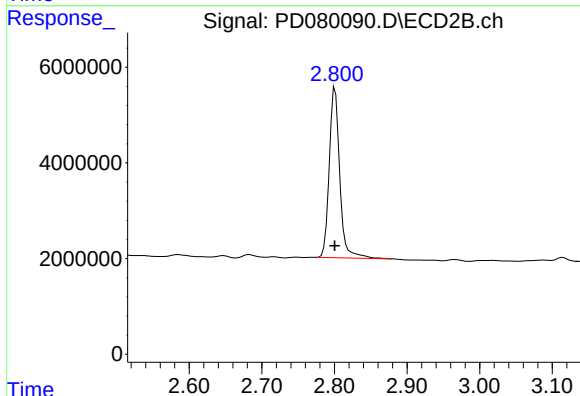
#1 Tetrachloro-m-xylene

R.T.: 3.568 min
Delta R.T.: 0.000 min
Response: 20039368
Conc: 13.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-SB-04-13-14MSD

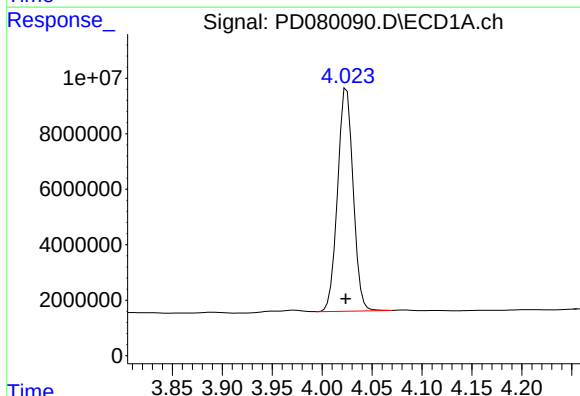
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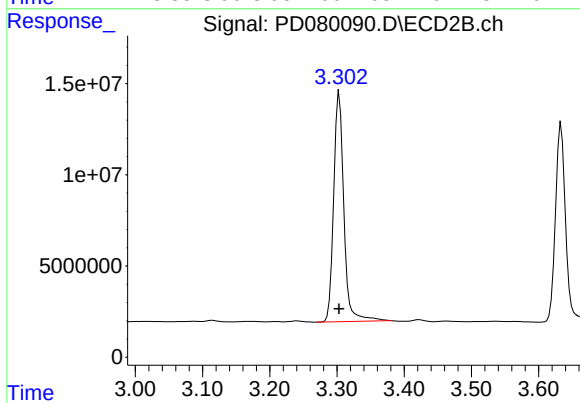
#1 Tetrachloro-m-xylene

R.T.: 2.801 min
Delta R.T.: 0.000 min
Response: 35925942
Conc: 14.29 ng/ml



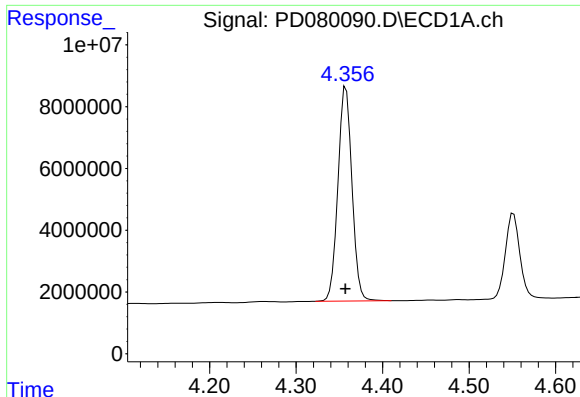
#2 alpha-BHC

R.T.: 4.025 min
Delta R.T.: 0.001 min
Response: 87260162
Conc: 34.74 ng/ml



#2 alpha-BHC

R.T.: 3.304 min
Delta R.T.: 0.000 min
Response: 131088599
Conc: 34.28 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 77749549
Conc: 32.82 ng/ml

Instrument :

ECD_D

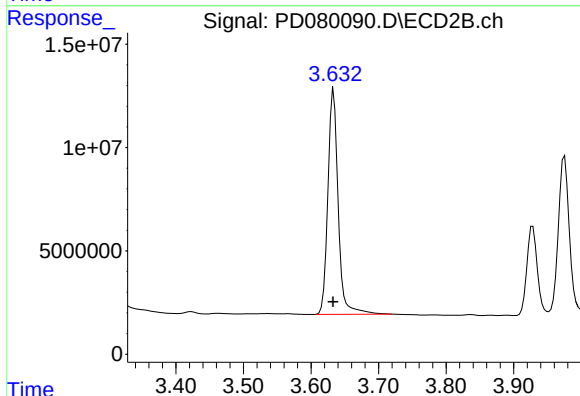
ClientSampleId :

RT-SB-04-13-14MSD

Manual Integrations

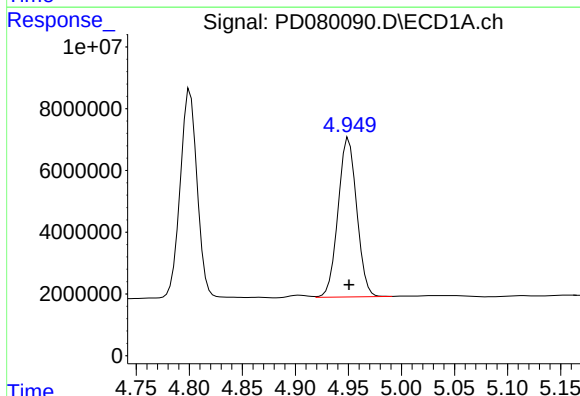
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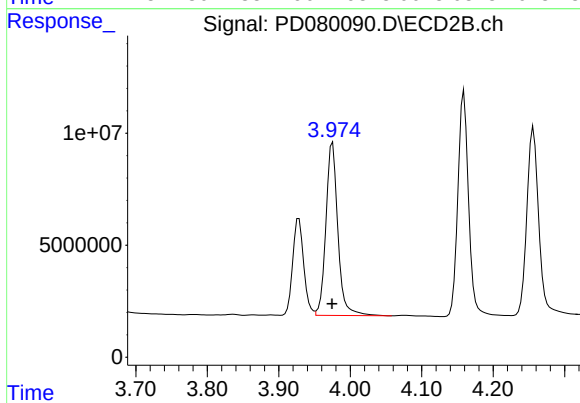
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 116000722
Conc: 31.92 ng/ml



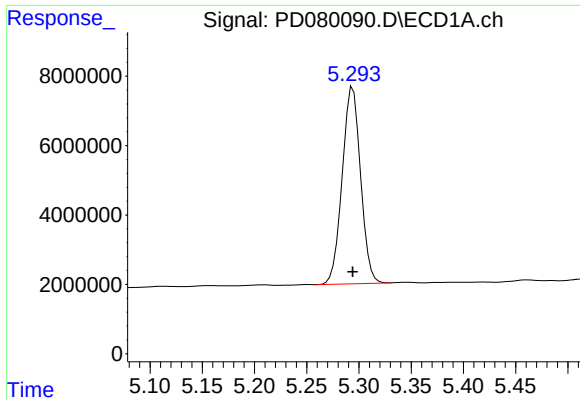
#4 Heptachlor

R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 62971149
Conc: 25.61 ng/ml



#4 Heptachlor

R.T.: 3.975 min
Delta R.T.: 0.000 min
Response: 90113332
Conc: 25.70 ng/ml



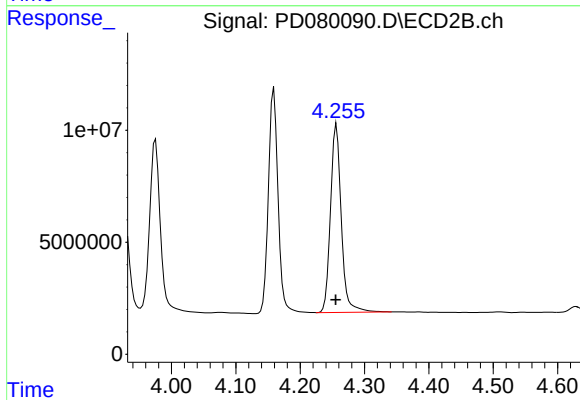
#5 Aldrin

R.T.: 5.294 min
Delta R.T.: 0.000 min
Response: 69454287
Conc: 29.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-SB-04-13-14MSD

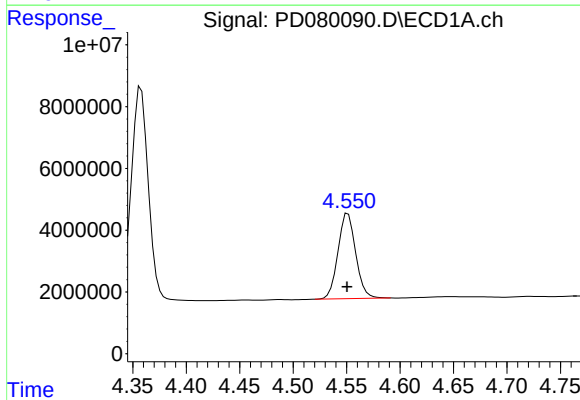
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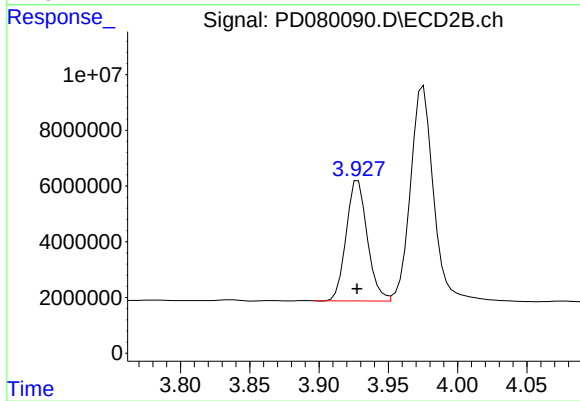
#5 Aldrin

R.T.: 4.256 min
Delta R.T.: 0.001 min
Response: 98094042
Conc: 27.55 ng/ml



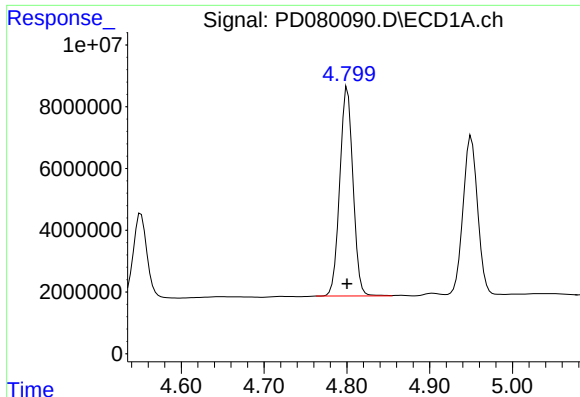
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 31891574
Conc: 31.87 ng/ml



#6 beta-BHC

R.T.: 3.928 min
Delta R.T.: 0.000 min
Response: 46015473
Conc: 29.81 ng/ml



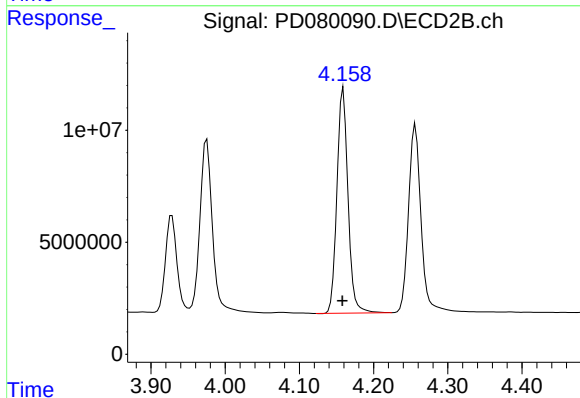
#7 delta-BHC

R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 75170078
Conc: 30.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-SB-04-13-14MSD

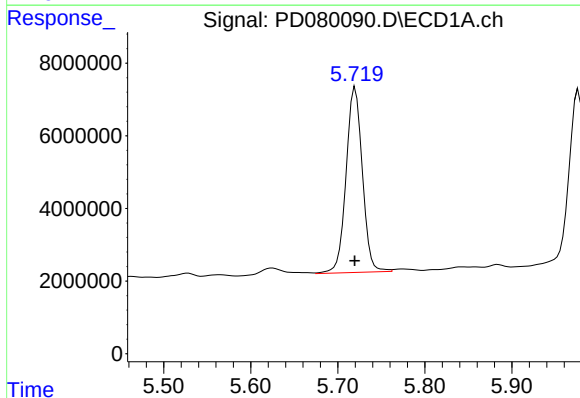
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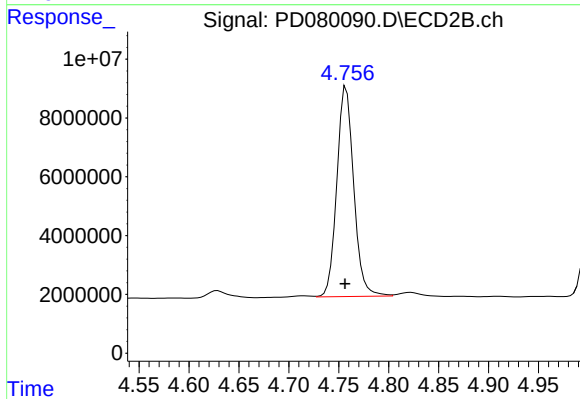
#7 delta-BHC

R.T.: 4.159 min
Delta R.T.: 0.000 min
Response: 104592555
Conc: 27.78 ng/ml



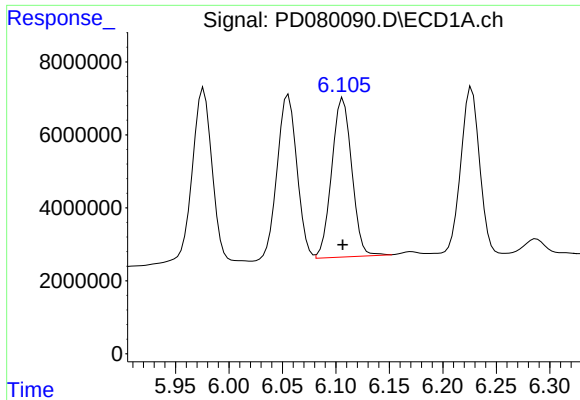
#8 Heptachlor epoxide

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 66259949
Conc: 30.08 ng/ml



#8 Heptachlor epoxide

R.T.: 4.758 min
Delta R.T.: 0.001 min
Response: 84239733
Conc: 25.69 ng/ml



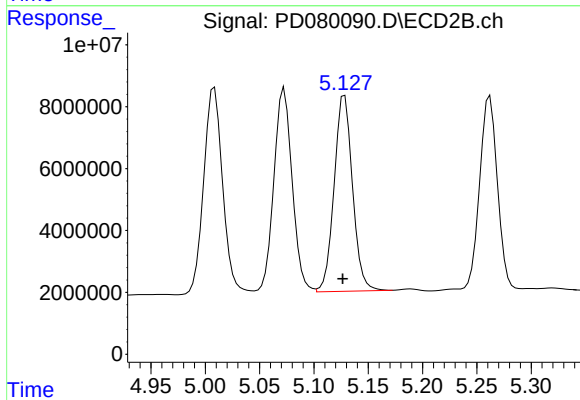
#9 Endosulfan I

R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 56884082
Conc: 27.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-SB-04-13-14MSD

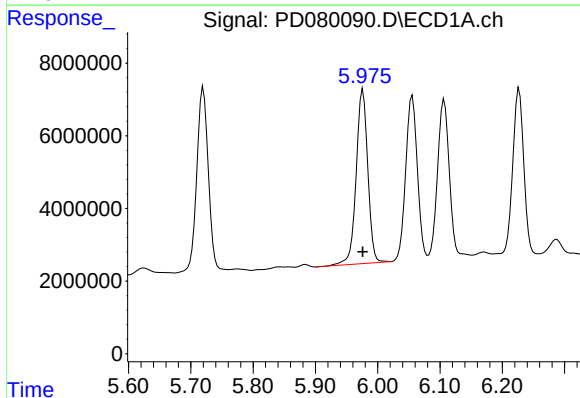
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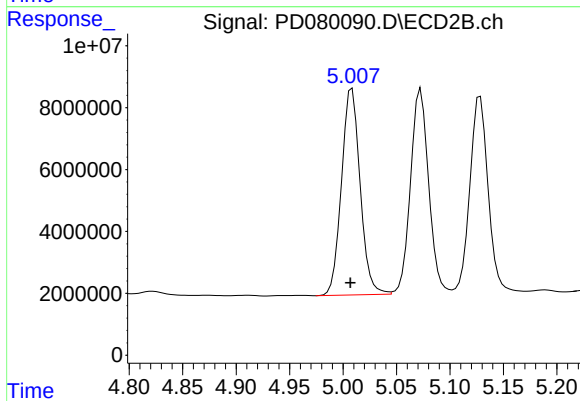
#9 Endosulfan I

R.T.: 5.128 min
Delta R.T.: 0.002 min
Response: 74632212
Conc: 24.72 ng/ml



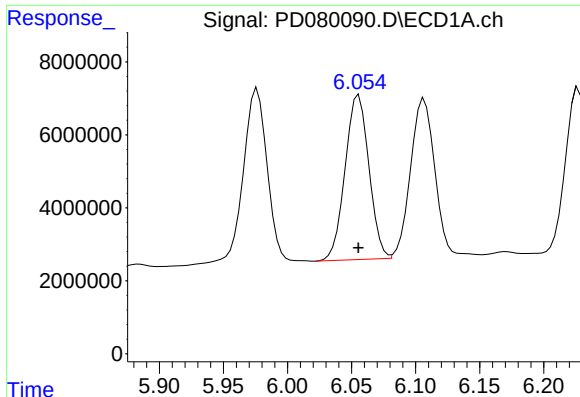
#10 gamma-Chlordane

R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 62519879
Conc: 28.72 ng/ml



#10 gamma-Chlordane

R.T.: 5.008 min
Delta R.T.: 0.002 min
Response: 81045118
Conc: 25.14 ng/ml



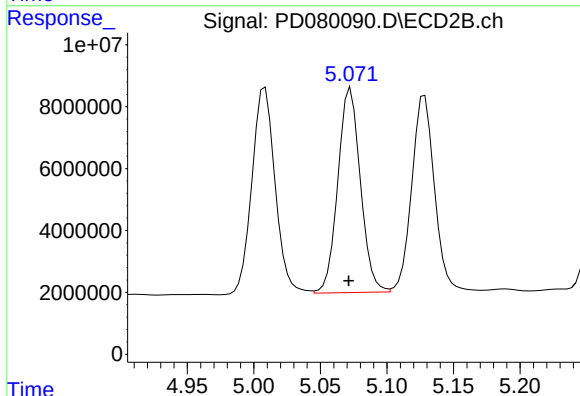
#11 alpha-Chlordane

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 58401212
Conc: 27.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-SB-04-13-14MSD

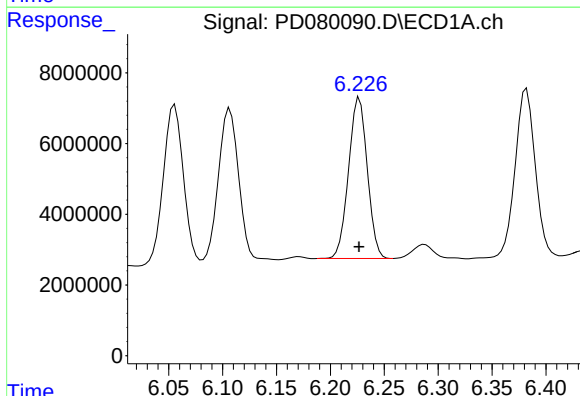
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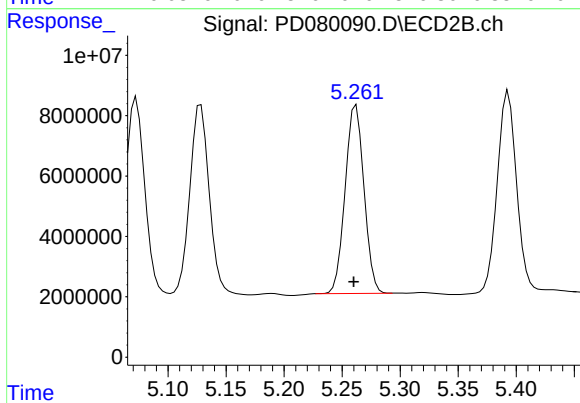
#11 alpha-Chlordane

R.T.: 5.073 min
Delta R.T.: 0.002 min
Response: 77967056
Conc: 24.26 ng/ml



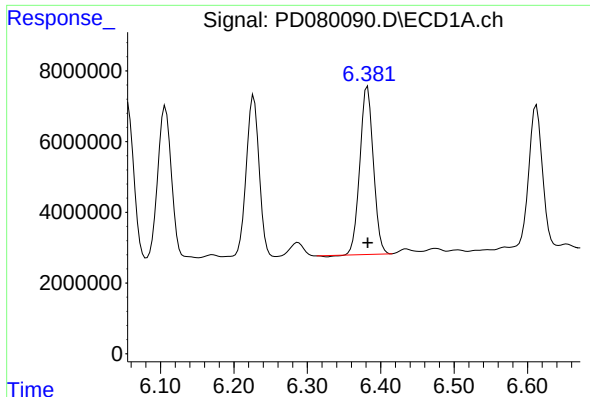
#12 4,4'-DDE

R.T.: 6.227 min
Delta R.T.: 0.000 min
Response: 55162112
Conc: 27.51 ng/ml



#12 4,4'-DDE

R.T.: 5.262 min
Delta R.T.: 0.002 min
Response: 70435929
Conc: 23.37 ng/ml



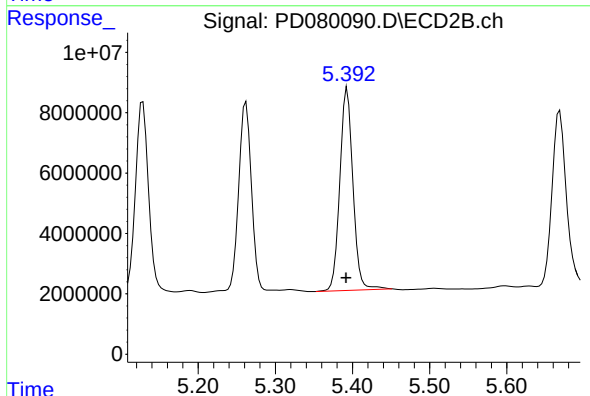
#13 Dieldrin

R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 60506656
Conc: 27.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-SB-04-13-14MSD

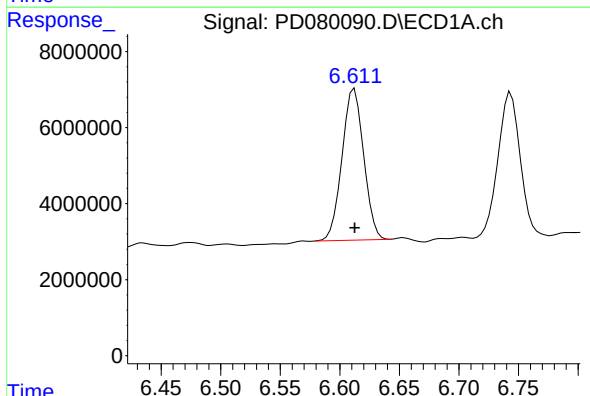
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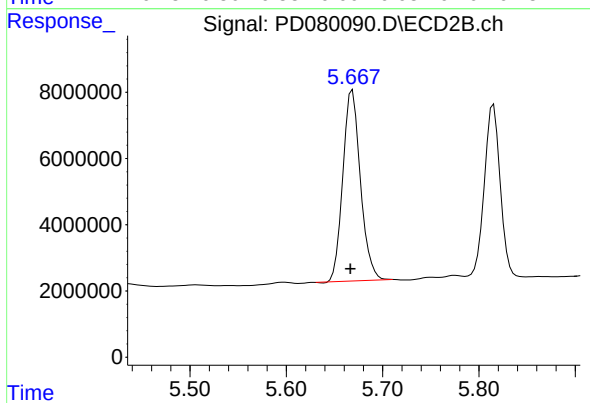
#13 Dieldrin

R.T.: 5.393 min
Delta R.T.: 0.002 min
Response: 79261485
Conc: 24.21 ng/ml



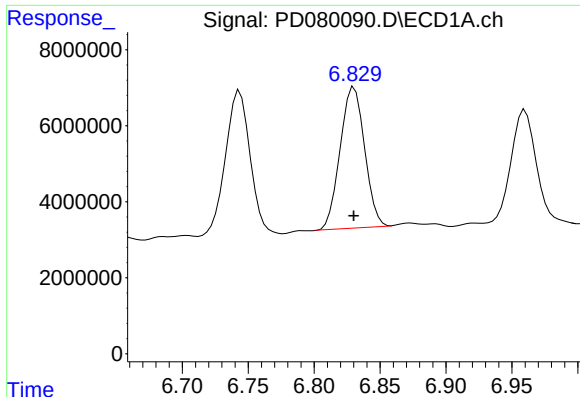
#14 Endrin

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 50426904
Conc: 27.81 ng/ml



#14 Endrin

R.T.: 5.669 min
Delta R.T.: 0.002 min
Response: 72860361
Conc: 25.93 ng/ml



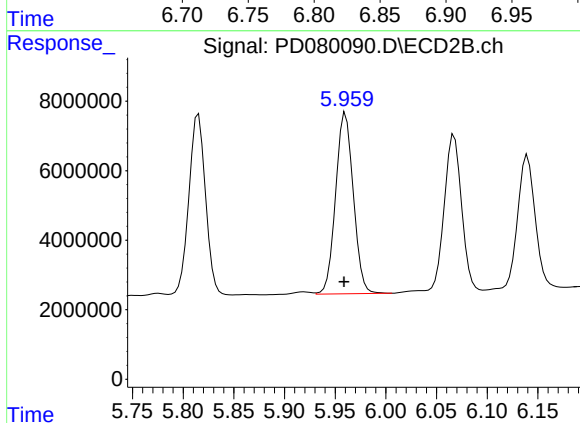
#15 Endosulfan II

R.T.: 6.829 min
Delta R.T.: -0.001 min
Response: 48028140
Conc: 25.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-SB-04-13-14MSD

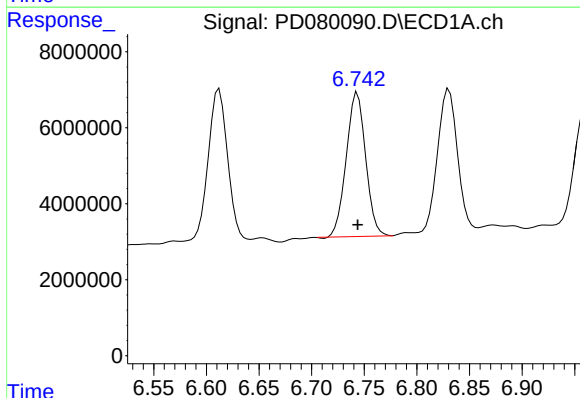
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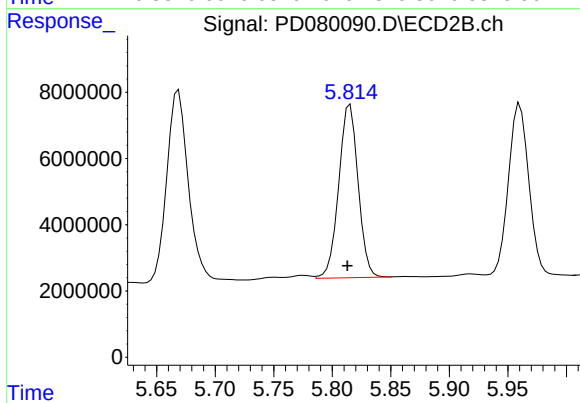
#15 Endosulfan II

R.T.: 5.960 min
Delta R.T.: 0.001 min
Response: 63336131
Conc: 23.21 ng/ml



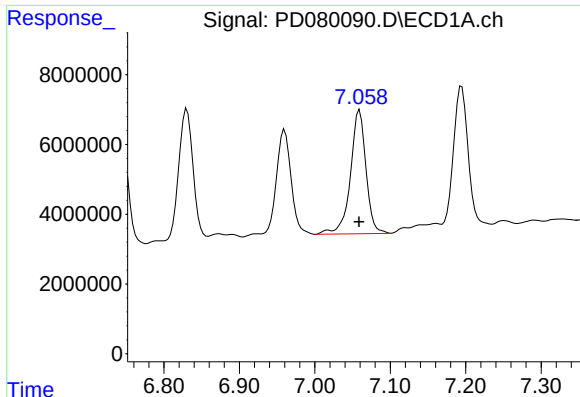
#16 4,4'-DDD

R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 48715724
Conc: 29.08 ng/ml



#16 4,4'-DDD

R.T.: 5.815 min
Delta R.T.: 0.002 min
Response: 60213600
Conc: 23.38 ng/ml



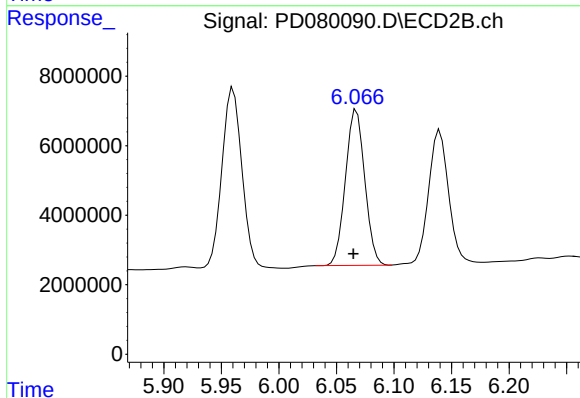
#17 4,4'-DDT

R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 50846526
Conc: 28.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-SB-04-13-14MSD

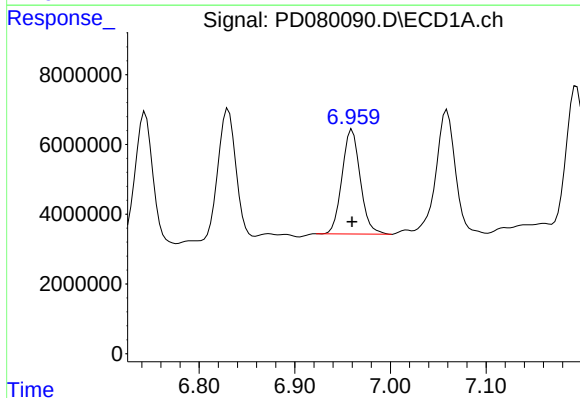
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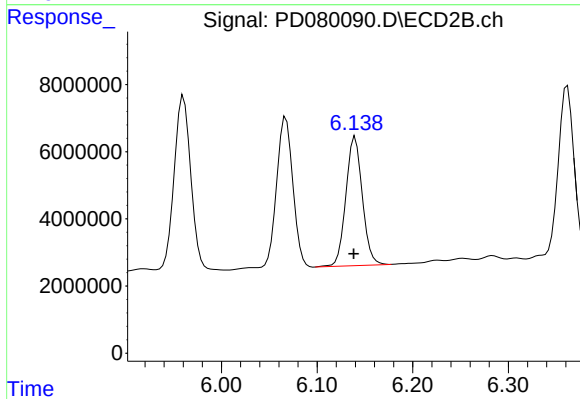
#17 4,4'-DDT

R.T.: 6.067 min
Delta R.T.: 0.003 min
Response: 52598944
Conc: 20.70 ng/ml



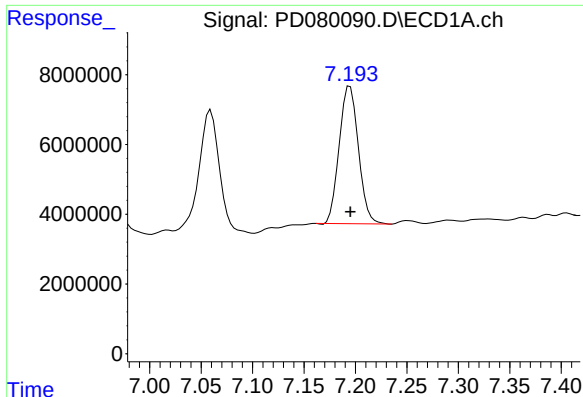
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: 0.000 min
Response: 39779087
Conc: 27.77 ng/ml



#18 Endrin aldehyde

R.T.: 6.140 min
Delta R.T.: 0.002 min
Response: 46112087
Conc: 22.46 ng/ml



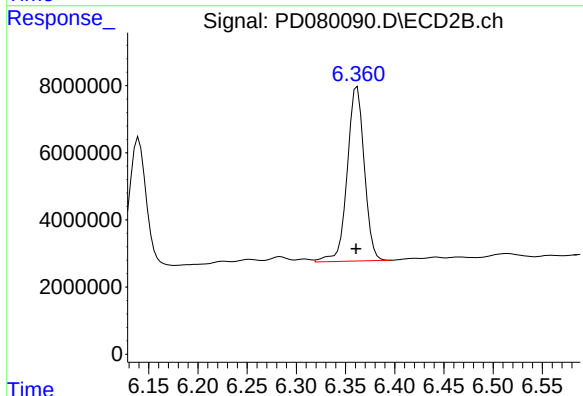
#19 Endosulfan Sulfate

R.T.: 7.195 min
Delta R.T.: 0.000 min
Response: 51195543
Conc: 27.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-SB-04-13-14MSD

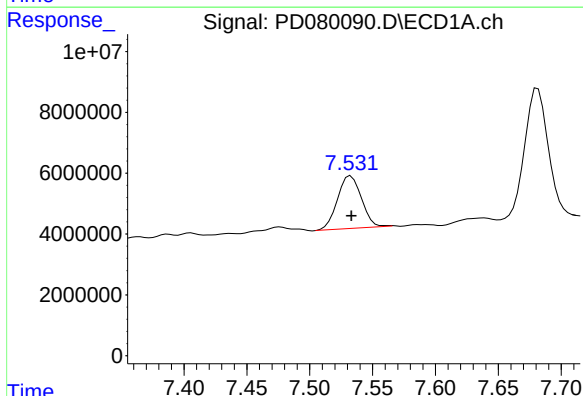
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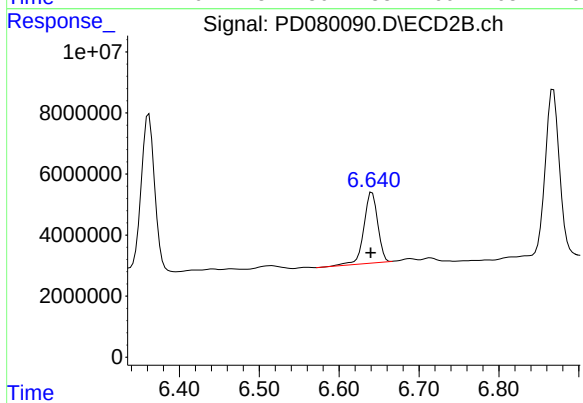
#19 Endosulfan Sulfate

R.T.: 6.362 min
Delta R.T.: 0.001 min
Response: 62572806
Conc: 23.34 ng/ml



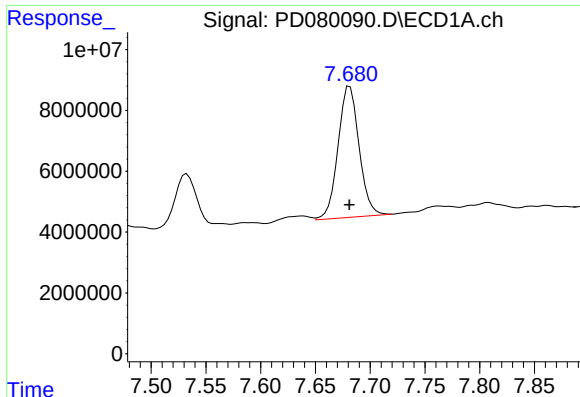
#20 Methoxychlor

R.T.: 7.531 min
Delta R.T.: -0.002 min
Response: 23046100
Conc: 23.32 ng/ml m



#20 Methoxychlor

R.T.: 6.641 min
Delta R.T.: 0.002 min
Response: 27845930
Conc: 19.04 ng/ml



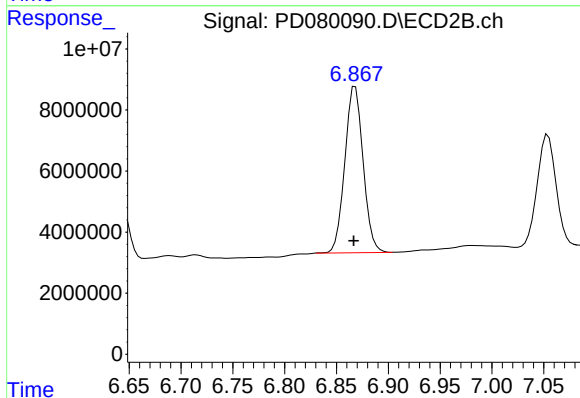
#21 Endrin ketone

R.T.: 7.681 min
Delta R.T.: 0.000 min
Response: 57419111
Conc: 27.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-SB-04-13-14MSD

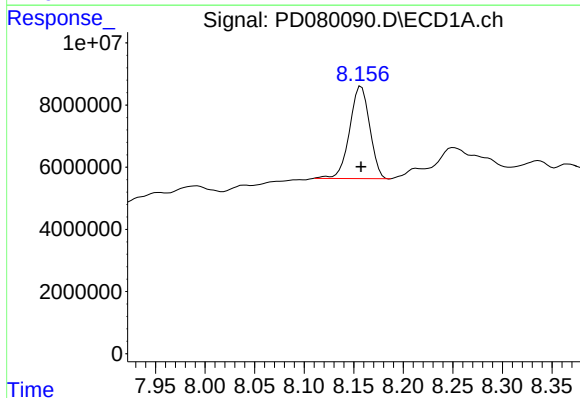
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Reviewed By :Abdul Mirza 12/15/2023
Supervised By :Ankita Jodhani 12/15/2023



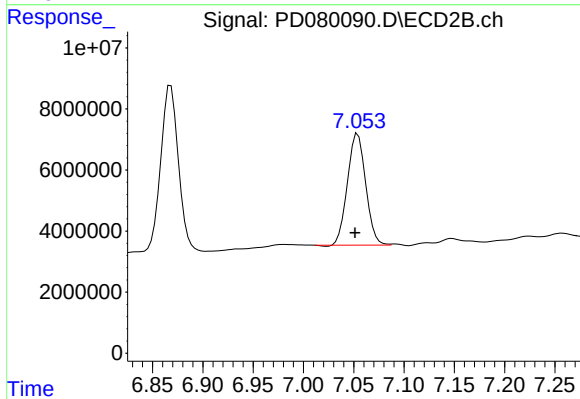
#21 Endrin ketone

R.T.: 6.868 min
Delta R.T.: 0.001 min
Response: 66802000
Conc: 21.37 ng/ml



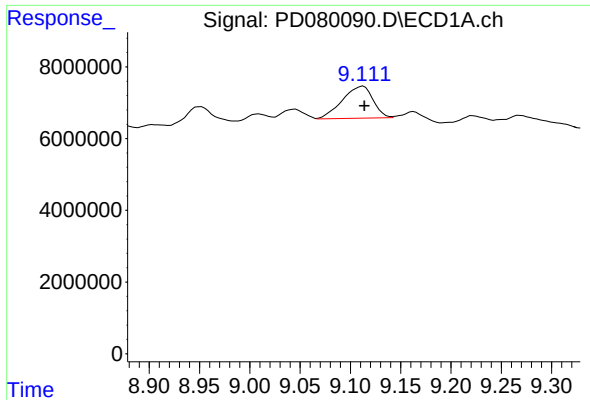
#22 Mirex

R.T.: 8.158 min
Delta R.T.: 0.000 min
Response: 41846110
Conc: 25.58 ng/ml



#22 Mirex

R.T.: 7.054 min
Delta R.T.: 0.003 min
Response: 46014045
Conc: 19.01 ng/ml



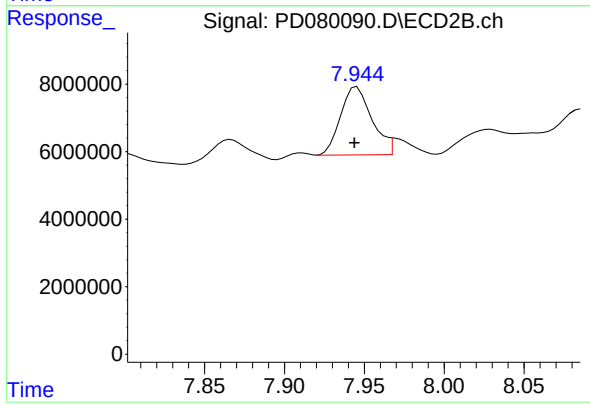
#28 Decachlorobiphenyl

R.T.: 9.111 min
Delta R.T.: -0.003 min
Response: 19036296
Conc: 9.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-SB-04-13-14MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.944 min
Delta R.T.: 0.000 min
Response: 27541732
Conc: 9.77 ng/ml m