

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121423\
 Data File : PD080081.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Dec 2023 17:39
 Operator : AR\AJ
 Sample : 05796-06MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/14/2023
 Supervised By :Ankita Jodhani 12/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 13 21:21:55 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	20609850	36707335	13.674	14.602
28)	SA Decachlor...	9.112	7.945	15468711	27467709	7.642m	9.744m#
Target Compounds							
2)	A alpha-BHC	4.024	3.303	88382134	133.6E6	35.186	34.947
3)	MA gamma-BHC...	4.358	3.633	78739884	118.2E6	33.235	32.521
4)	MA Heptachlor	4.951	3.975	60516921	87437220	24.607	24.936
5)	MB Aldrin	5.295	4.256	69889042	99850872	29.431	28.047
6)	B beta-BHC	4.552	3.928	31876983	46848415	31.852	30.347
7)	B delta-BHC	4.801	4.159	75849621	106.3E6	30.972	28.224
8)	B Heptachlo...	5.721	4.758	65499923	85826531	29.735	26.172
9)	A Endosulfan I	6.108	5.129	57751169	75465522	28.085	24.995
10)	B gamma-Chl...	5.977	5.009	62940929	82078441	28.912	25.462
11)	B alpha-Chl...	6.056	5.073	58544931	78816610	27.140	24.524
12)	B 4,4'-DDE	6.228	5.262	57014173	71386105	28.434	23.683
13)	MA Dieldrin	6.383	5.393	59298378	80032541	27.178	24.442
14)	MA Endrin	6.614	5.668	49954672	67774016	27.546	24.118
15)	B Endosulfa...	6.831	5.961	48508203	64483048	25.463	23.633
16)	A 4,4'-DDD	6.745	5.816	49613025	61010243	29.615	23.693
17)	MA 4,4'-DDT	7.060	6.068	48306545	54037265	27.152	21.270
18)	B Endrin al...	6.962	6.140	40379742	47551074	28.186	23.163
19)	B Endosulfa...	7.196	6.362	52233431	63418718	27.548	23.655
20)	A Methoxychlor	7.535	6.642	21532084	28278694	21.785	19.338
21)	B Endrin ke...	7.683	6.869	54958129	67718160	26.543	21.668
22)	Mirex	8.159	7.054	40630955	47142945	24.838	19.479

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121423\
 Data File : PD080081.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Dec 2023 17:39
 Operator : AR\AJ
 Sample : 05796-06MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

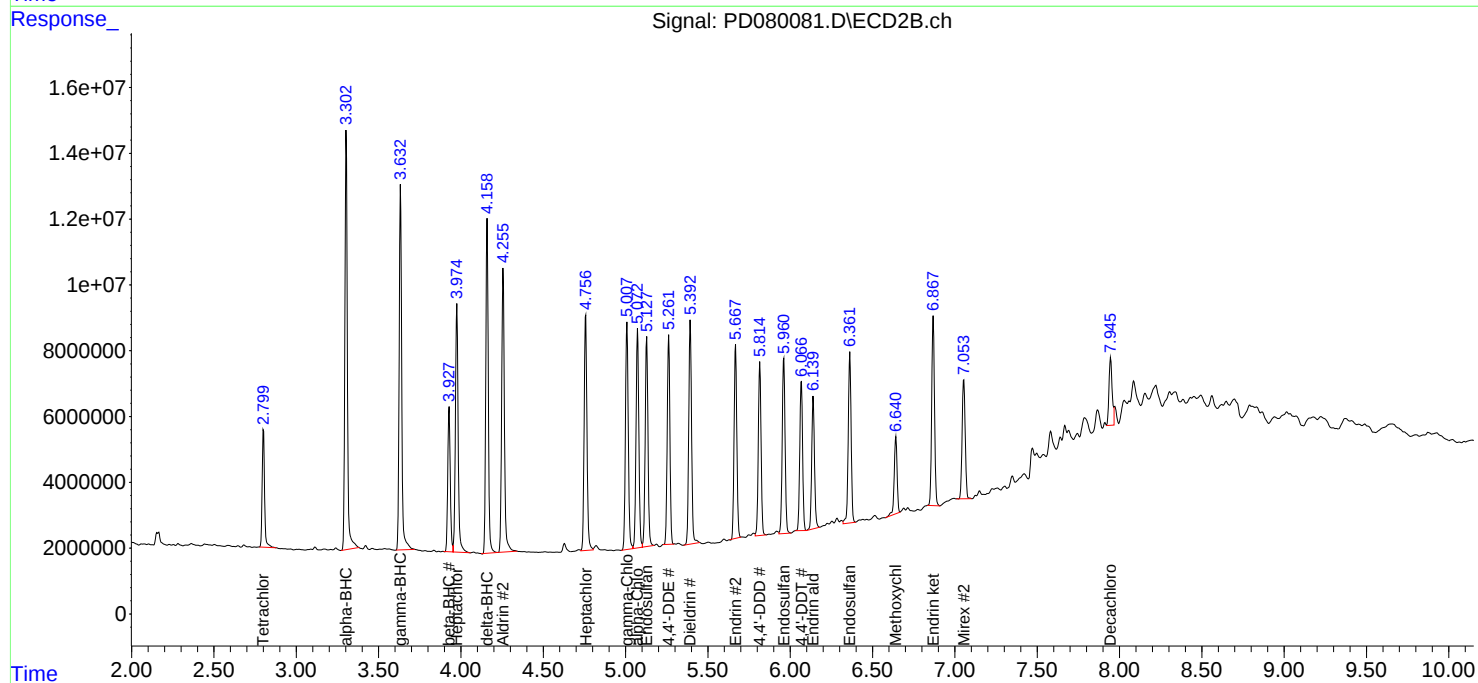
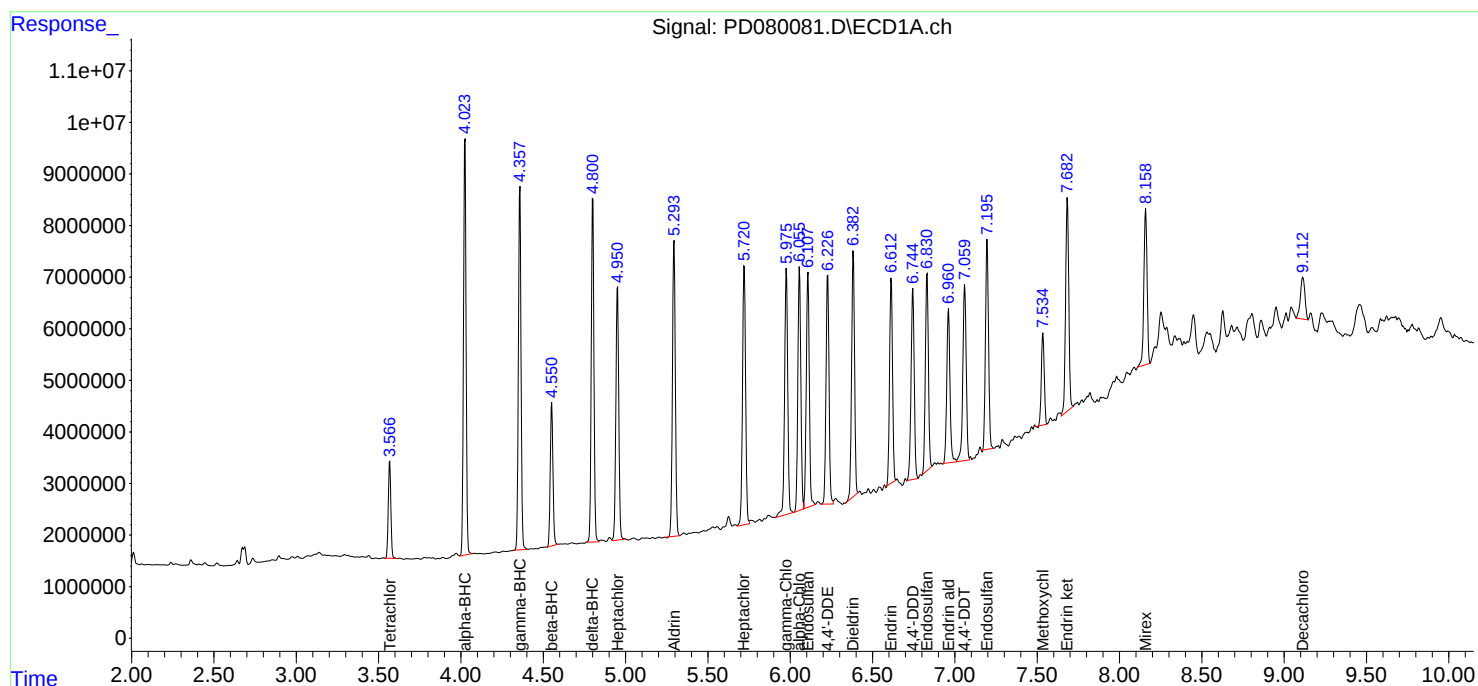
Instrument :
 ECD_D
 ClientSampleId :
 RT-SB-04-13-14MSD

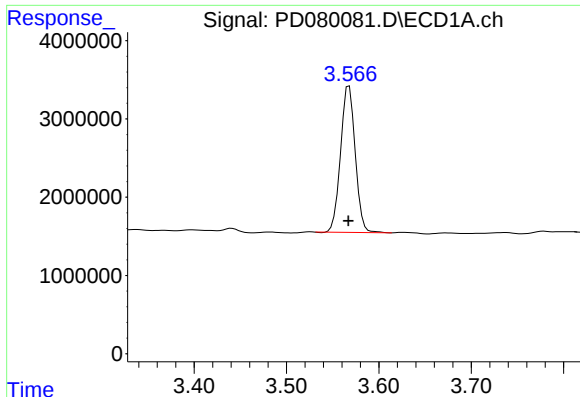
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 Supervised By :Ankita Jodhani 12/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 13 21:21:55 2023
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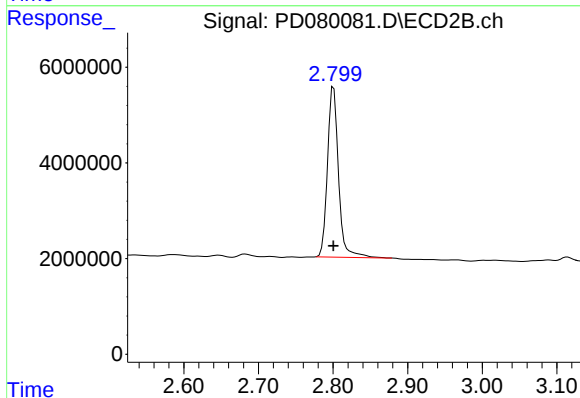
#1 Tetrachloro-m-xylene

R.T.: 3.568 min
Delta R.T.: 0.000 min
Response: 20609850
Conc: 13.67 ng/ml

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

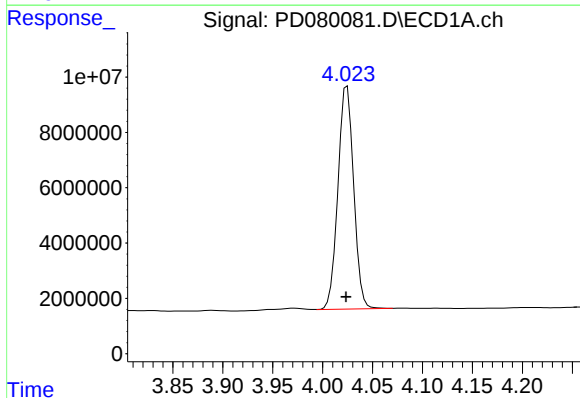
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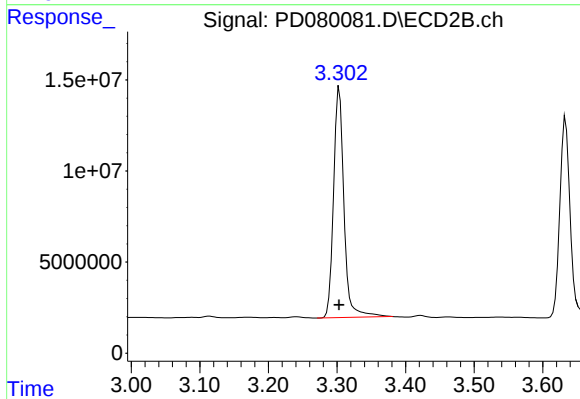
#1 Tetrachloro-m-xylene

R.T.: 2.801 min
Delta R.T.: 0.000 min
Response: 36707335
Conc: 14.60 ng/ml



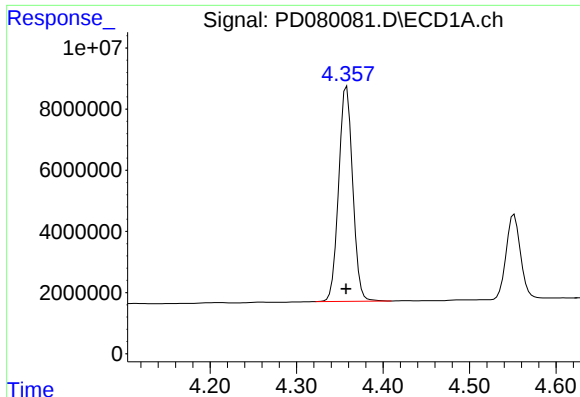
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 88382134
Conc: 35.19 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 133627073
Conc: 34.95 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 78739884
Conc: 33.23 ng/ml

Instrument :

ECD_D

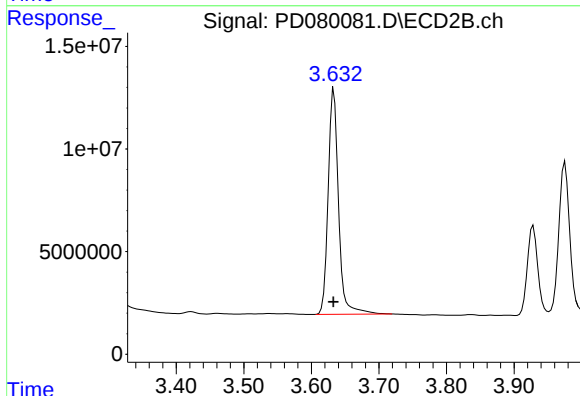
ClientSampleId :

RT-SB-04-13-14MSD

Manual Integrations

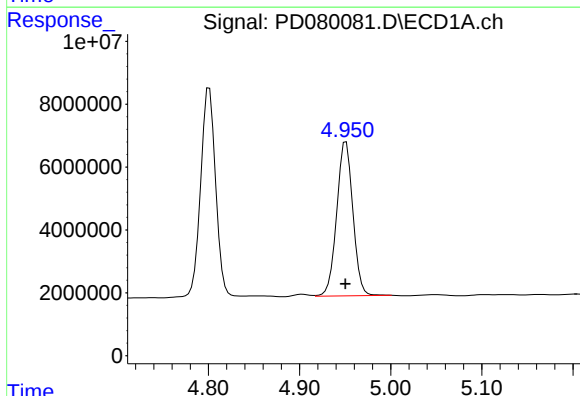
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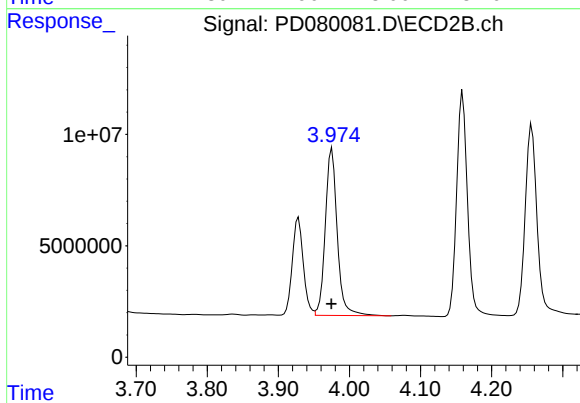
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 118181880
Conc: 32.52 ng/ml



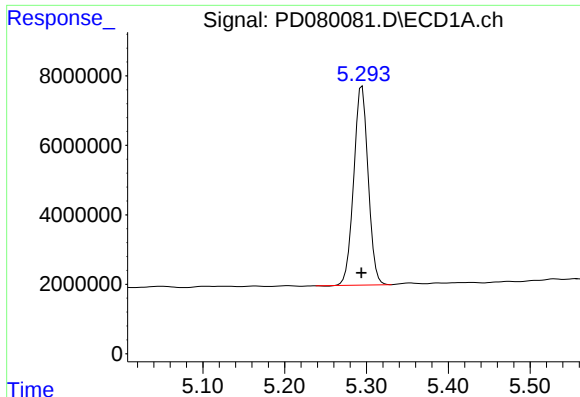
#4 Heptachlor

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 60516921
Conc: 24.61 ng/ml



#4 Heptachlor

R.T.: 3.975 min
Delta R.T.: 0.000 min
Response: 87437220
Conc: 24.94 ng/ml



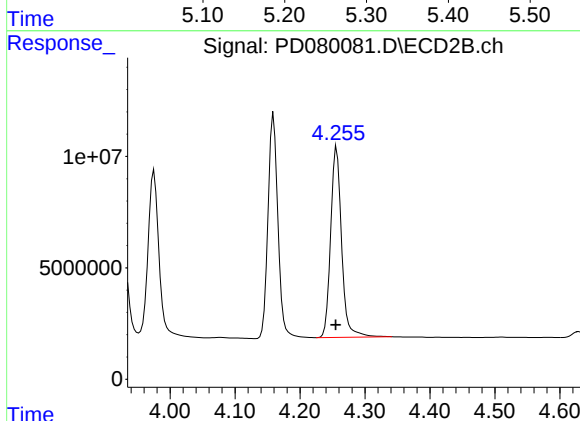
#5 Aldrin

R.T.: 5.295 min
Delta R.T.: 0.000 min
Response: 69889042
Conc: 29.43 ng/ml

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

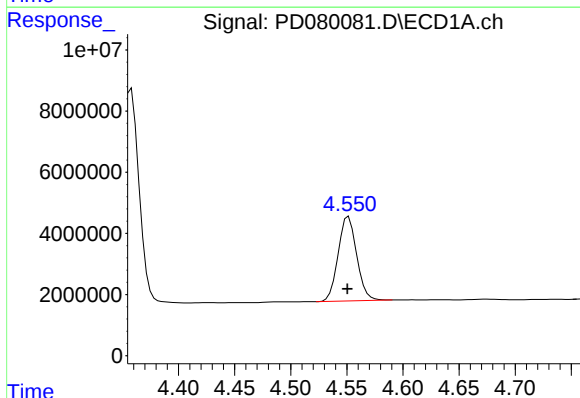
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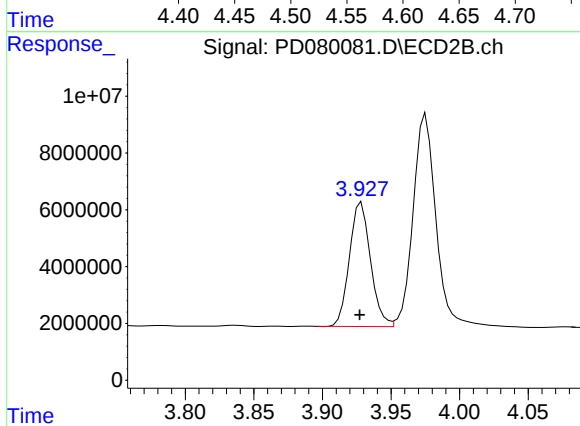
#5 Aldrin

R.T.: 4.256 min
Delta R.T.: 0.001 min
Response: 99850872
Conc: 28.05 ng/ml



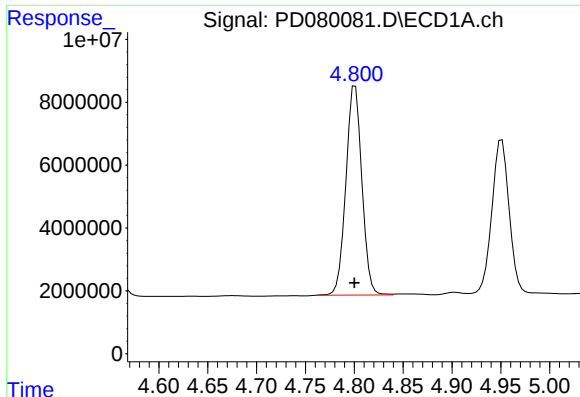
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.001 min
Response: 31876983
Conc: 31.85 ng/ml



#6 beta-BHC

R.T.: 3.928 min
Delta R.T.: 0.001 min
Response: 46848415
Conc: 30.35 ng/ml



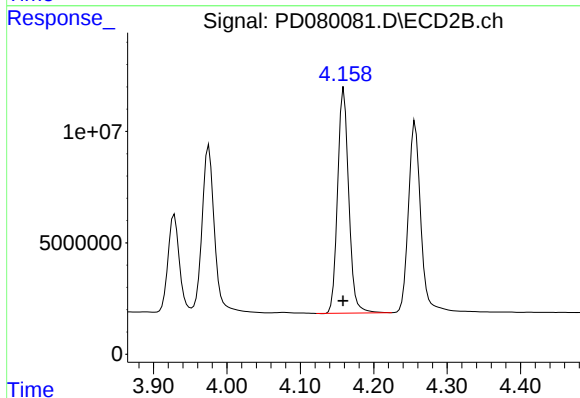
#7 delta-BHC

R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 75849621
Conc: 30.97 ng/ml

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

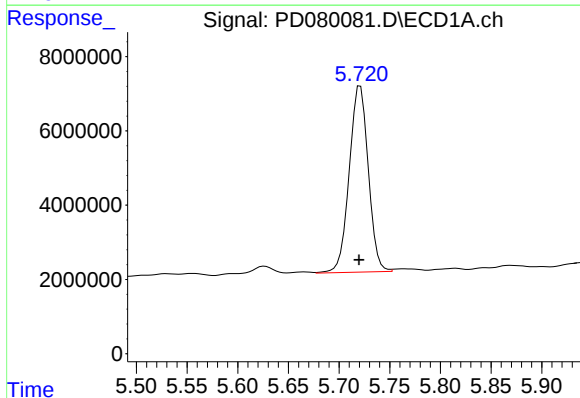
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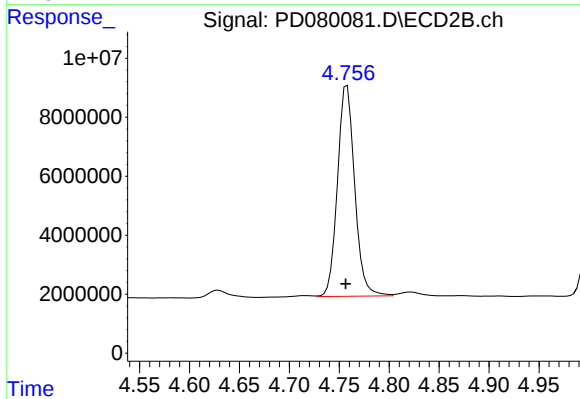
#7 delta-BHC

R.T.: 4.159 min
Delta R.T.: 0.001 min
Response: 106281788
Conc: 28.22 ng/ml



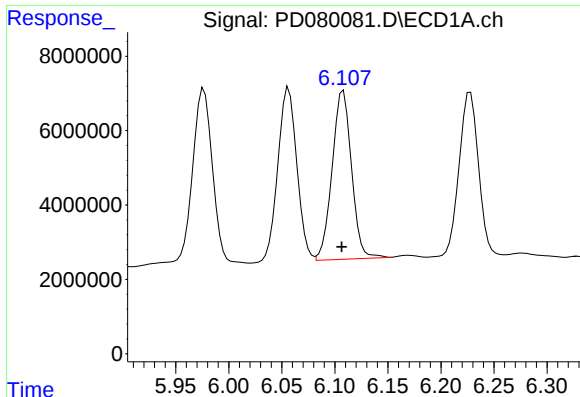
#8 Heptachlor epoxide

R.T.: 5.721 min
Delta R.T.: 0.001 min
Response: 65499923
Conc: 29.73 ng/ml



#8 Heptachlor epoxide

R.T.: 4.758 min
Delta R.T.: 0.001 min
Response: 85826531
Conc: 26.17 ng/ml



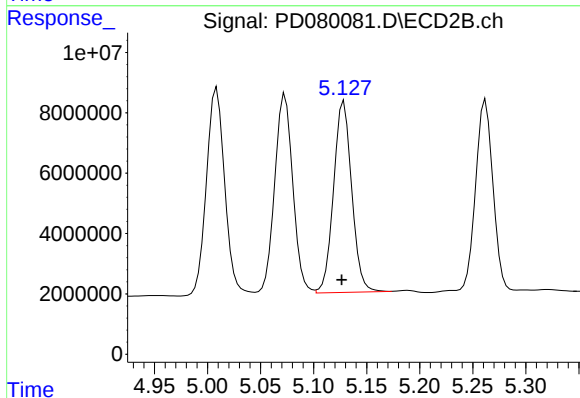
#9 Endosulfan I

R.T.: 6.108 min
Delta R.T.: 0.002 min
Response: 57751169
Conc: 28.09 ng/ml

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

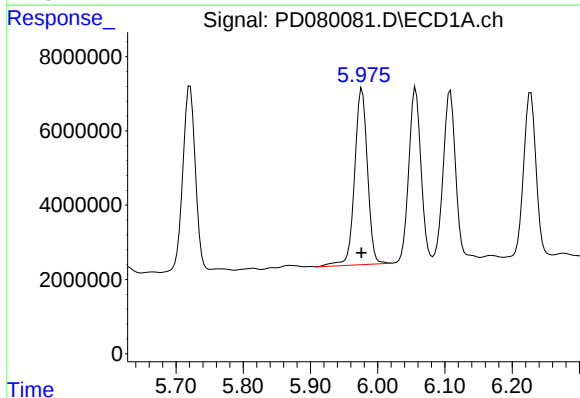
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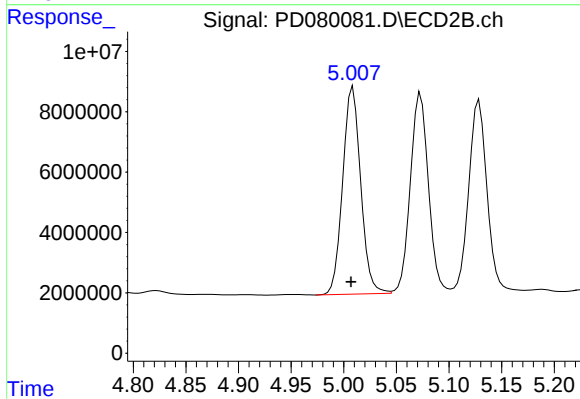
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: 0.002 min
Response: 75465522
Conc: 24.99 ng/ml



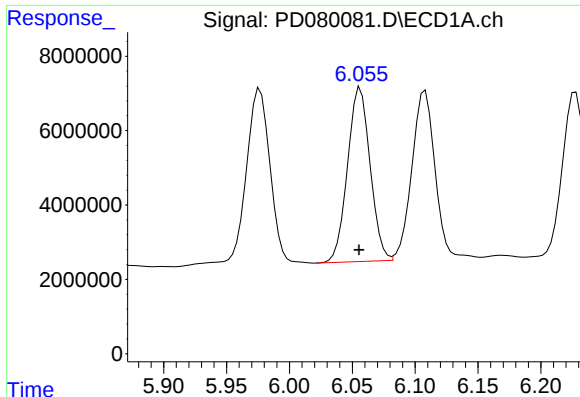
#10 gamma-Chlordane

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 62940929
Conc: 28.91 ng/ml



#10 gamma-Chlordane

R.T.: 5.009 min
Delta R.T.: 0.002 min
Response: 82078441
Conc: 25.46 ng/ml



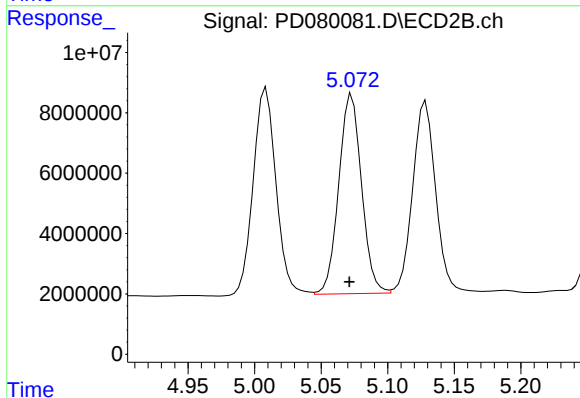
#11 alpha-Chlordane

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 58544931
Conc: 27.14 ng/ml

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

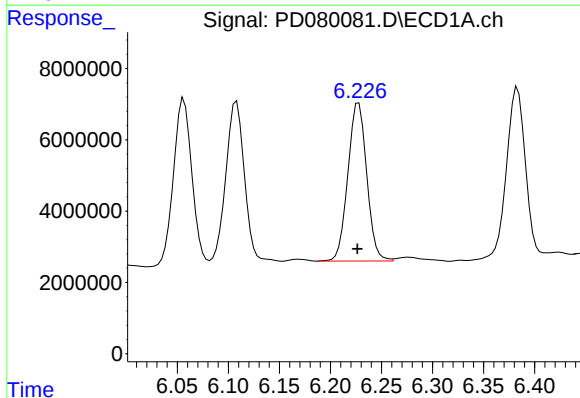
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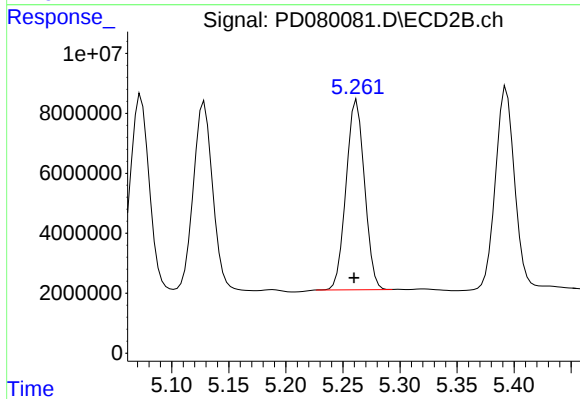
#11 alpha-Chlordane

R.T.: 5.073 min
Delta R.T.: 0.002 min
Response: 78816610
Conc: 24.52 ng/ml



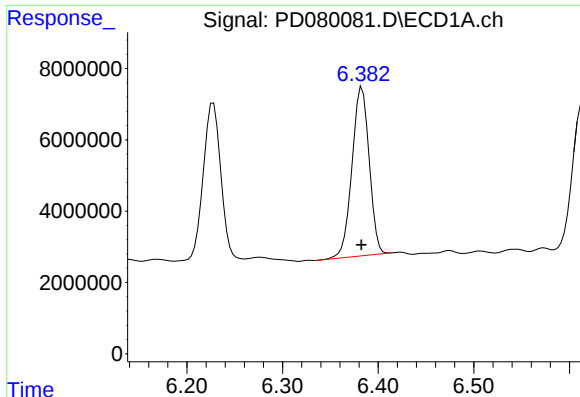
#12 4,4'-DDE

R.T.: 6.228 min
Delta R.T.: 0.001 min
Response: 57014173
Conc: 28.43 ng/ml



#12 4,4'-DDE

R.T.: 5.262 min
Delta R.T.: 0.002 min
Response: 71386105
Conc: 23.68 ng/ml



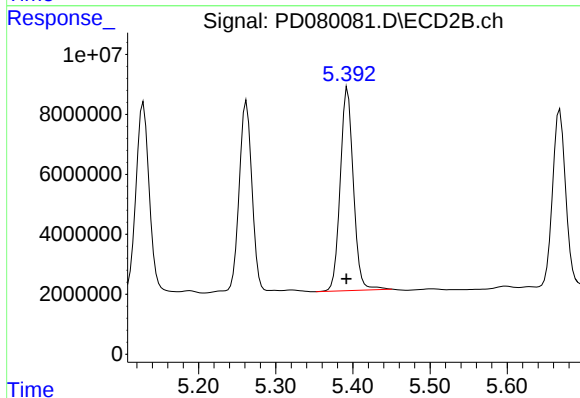
#13 Dieldrin

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 59298378
Conc: 27.18 ng/ml

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

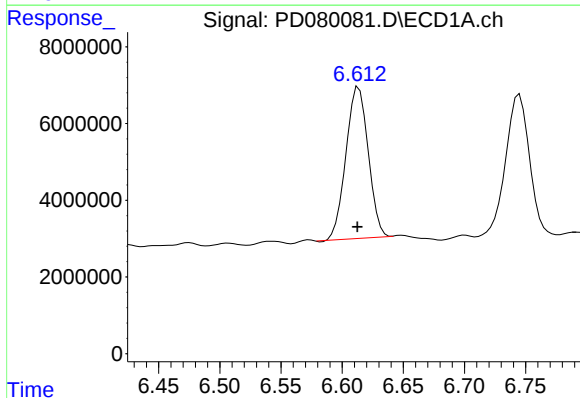
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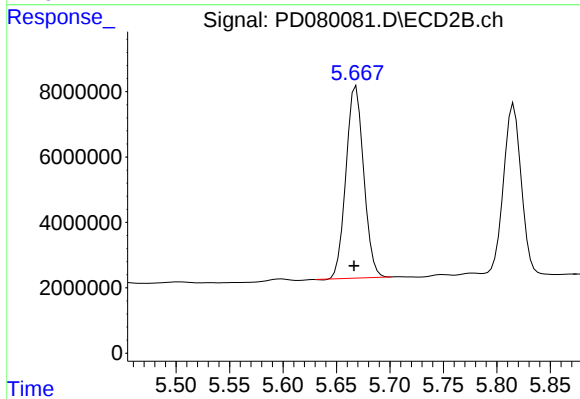
#13 Dieldrin

R.T.: 5.393 min
Delta R.T.: 0.002 min
Response: 80032541
Conc: 24.44 ng/ml



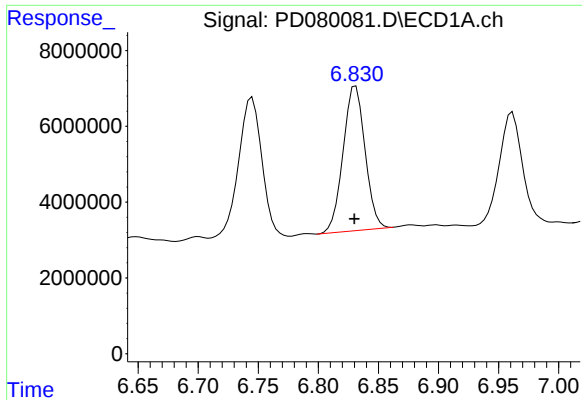
#14 Endrin

R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 49954672
Conc: 27.55 ng/ml



#14 Endrin

R.T.: 5.668 min
Delta R.T.: 0.002 min
Response: 67774016
Conc: 24.12 ng/ml



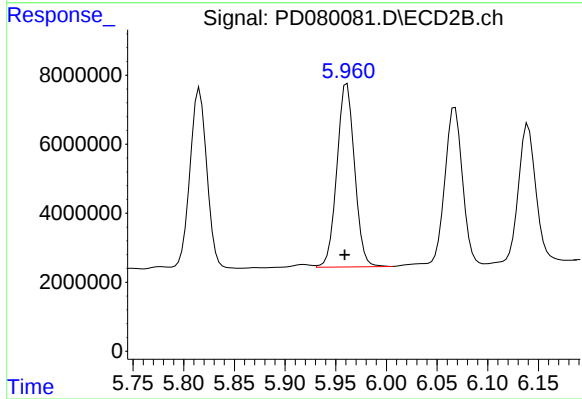
#15 Endosulfan II

R.T.: 6.831 min
Delta R.T.: 0.001 min
Response: 48508203
Conc: 25.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
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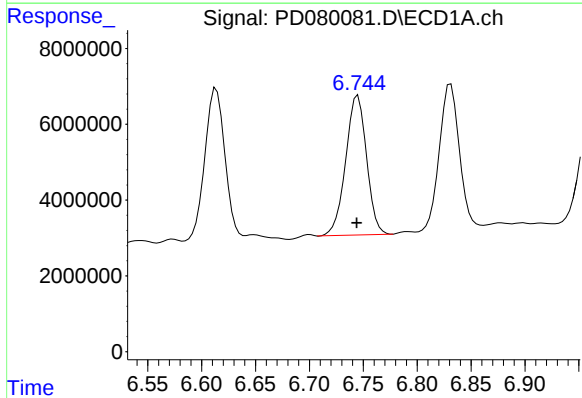
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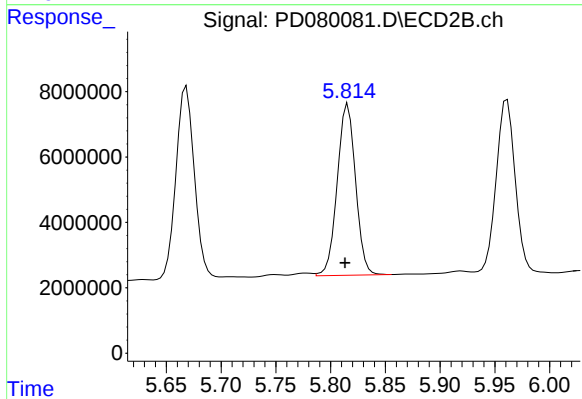
#15 Endosulfan II

R.T.: 5.961 min
Delta R.T.: 0.002 min
Response: 64483048
Conc: 23.63 ng/ml



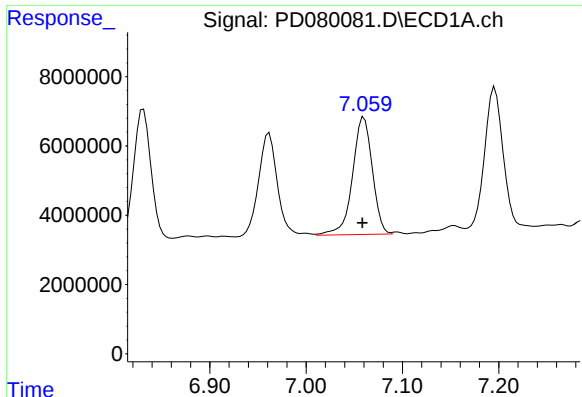
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.001 min
Response: 49613025
Conc: 29.61 ng/ml



#16 4,4'-DDD

R.T.: 5.816 min
Delta R.T.: 0.003 min
Response: 61010243
Conc: 23.69 ng/ml



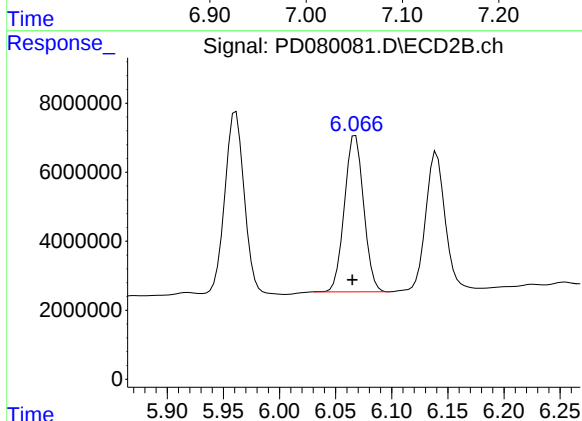
#17 4,4'-DDT

R.T.: 7.060 min
Delta R.T.: 0.001 min
Response: 48306545
Conc: 27.15 ng/ml

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

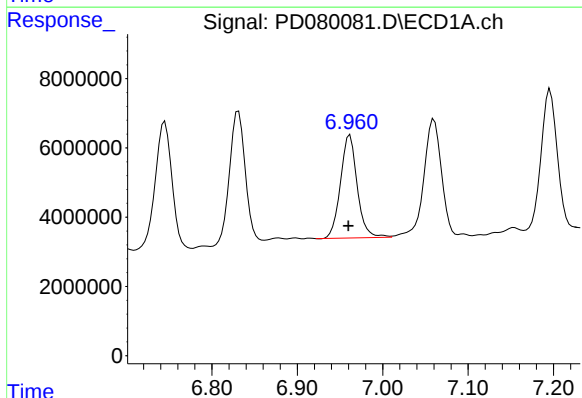
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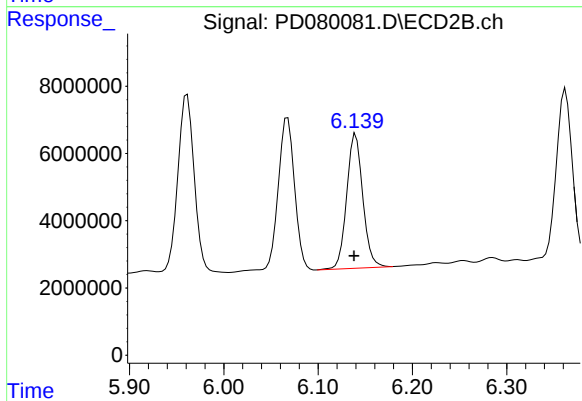
#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: 0.003 min
Response: 54037265
Conc: 21.27 ng/ml



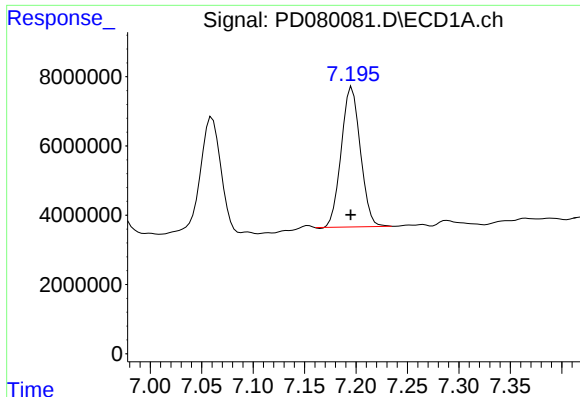
#18 Endrin aldehyde

R.T.: 6.962 min
Delta R.T.: 0.002 min
Response: 40379742
Conc: 28.19 ng/ml



#18 Endrin aldehyde

R.T.: 6.140 min
Delta R.T.: 0.002 min
Response: 47551074
Conc: 23.16 ng/ml



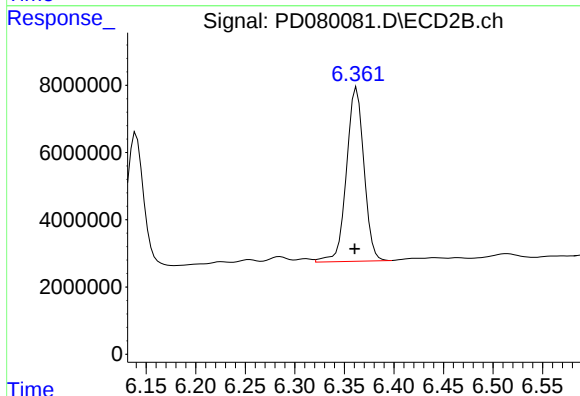
#19 Endosulfan Sulfate

R.T.: 7.196 min
Delta R.T.: 0.001 min
Response: 52233431
Conc: 27.55 ng/ml

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

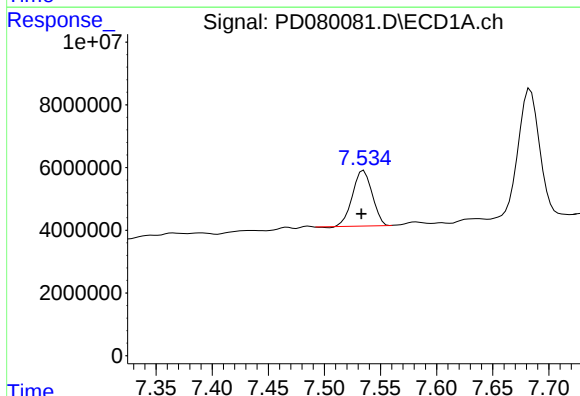
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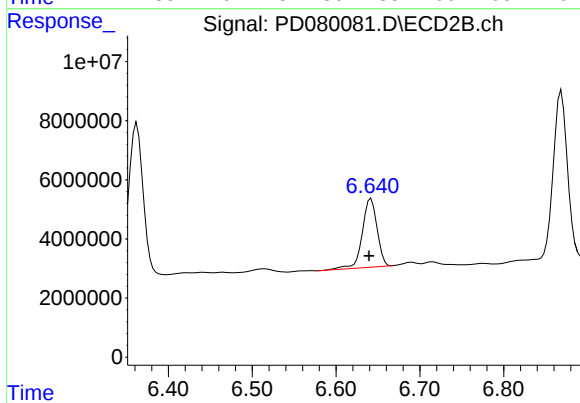
#19 Endosulfan Sulfate

R.T.: 6.362 min
Delta R.T.: 0.002 min
Response: 63418718
Conc: 23.66 ng/ml



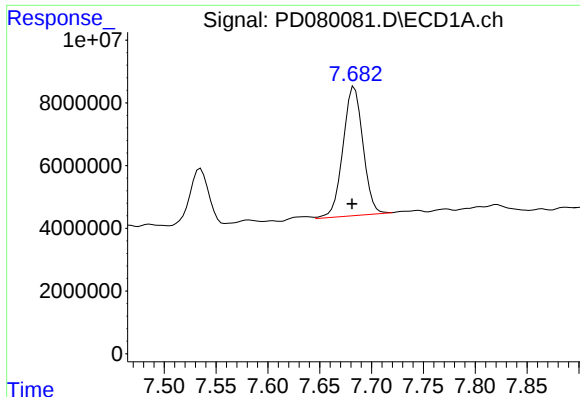
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.002 min
Response: 21532084
Conc: 21.78 ng/ml



#20 Methoxychlor

R.T.: 6.642 min
Delta R.T.: 0.002 min
Response: 28278694
Conc: 19.34 ng/ml



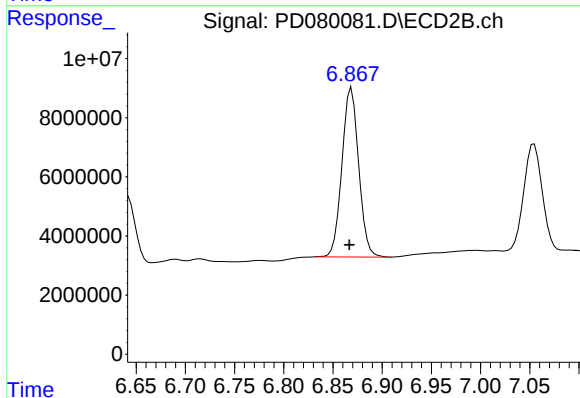
#21 Endrin ketone

R.T.: 7.683 min
Delta R.T.: 0.002 min
Response: 54958129
Conc: 26.54 ng/ml

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

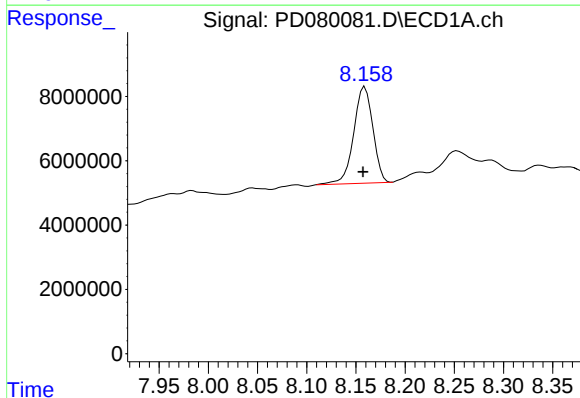
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/14/2023
Supervised By :Ankita Jodhani 12/14/2023



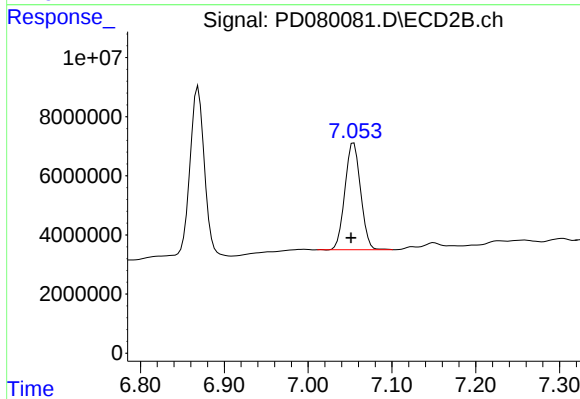
#21 Endrin ketone

R.T.: 6.869 min
Delta R.T.: 0.002 min
Response: 67718160
Conc: 21.67 ng/ml



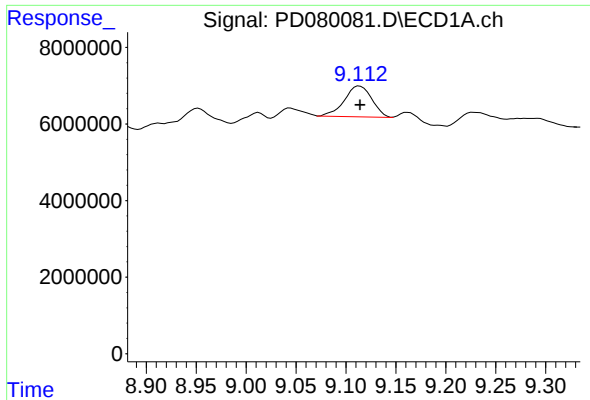
#22 Mirex

R.T.: 8.159 min
Delta R.T.: 0.002 min
Response: 40630955
Conc: 24.84 ng/ml



#22 Mirex

R.T.: 7.054 min
Delta R.T.: 0.003 min
Response: 47142945
Conc: 19.48 ng/ml



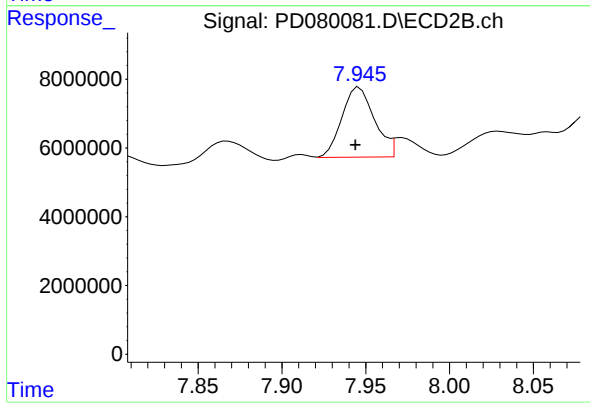
#28 Decachlorobiphenyl

R.T.: 9.112 min
Delta R.T.: -0.002 min
Response: 15468711
Conc: 7.64 ng/ml

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

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.945 min
Delta R.T.: 0.000 min
Response: 27467709
Conc: 9.74 ng/ml m