

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121423\
 Data File : PD080080.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Dec 2023 17:25
 Operator : AR\AJ
 Sample : 05796-05MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

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 21:21:31 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	20423081	36549148	13.550	14.539
2)	SA Decachlor...	9.114	7.945	15326712	27482973	7.572m	9.749m#
Target Compounds							
2)	A alpha-BHC	4.025	3.304	88957366	135.2E6	35.415	35.369
3)	MA gamma-BHC...	4.358	3.633	80014827	120.0E6	33.773	33.028
4)	MA Heptachlor	4.951	3.975	61506031	86107590	25.010	24.557
5)	MB Aldrin	5.294	4.256	73379857	101.9E6	30.901	28.634
6)	B beta-BHC	4.552	3.928	32867467	45915535	32.842	29.743
7)	B delta-BHC	4.801	4.159	80378680	107.7E6	32.822	28.611
8)	B Heptachlo...	5.721	4.758	68766001	87223389	31.217	26.598
9)	A Endosulfan I	6.108	5.128	59122045	77159584	28.752	25.556
10)	B gamma-Chl...	5.976	5.008	64735602	83962111	29.737	26.046
11)	B alpha-Chl...	6.057	5.073	60345173	80687873	27.974	25.106
12)	B 4,4'-DDE	6.228	5.262	57898565	72677939	28.876	24.111
13)	MA Dieldrin	6.383	5.393	61566455	81332394	28.217	24.839
14)	MA Endrin	6.613	5.668	53054742	69029793	29.256	24.565
15)	B Endosulfa...	6.831	5.961	49249147	66232656	25.852	24.274
16)	A 4,4'-DDD	6.745	5.815	49475129	61801840	29.533	24.000
17)	MA 4,4'-DDT	7.060	6.068	49703379	55561668	27.937	21.870
18)	B Endrin al...	6.960	6.140	39300627	47437997	27.433	23.108
19)	B Endosulfa...	7.196	6.362	52210856	64967222	27.536	24.233
20)	A Methoxychlor	7.533	6.641	23386932	27079940	23.662m	18.518m
21)	B Endrin ke...	7.681	6.869	55065984	70042888	26.595m	22.412
22)	Mirex	8.160	7.055	40866706	48618933	24.982	20.089

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121423\
Data File : PD080080.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Dec 2023 17:25
Operator : AR\AJ
Sample : 05796-05MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

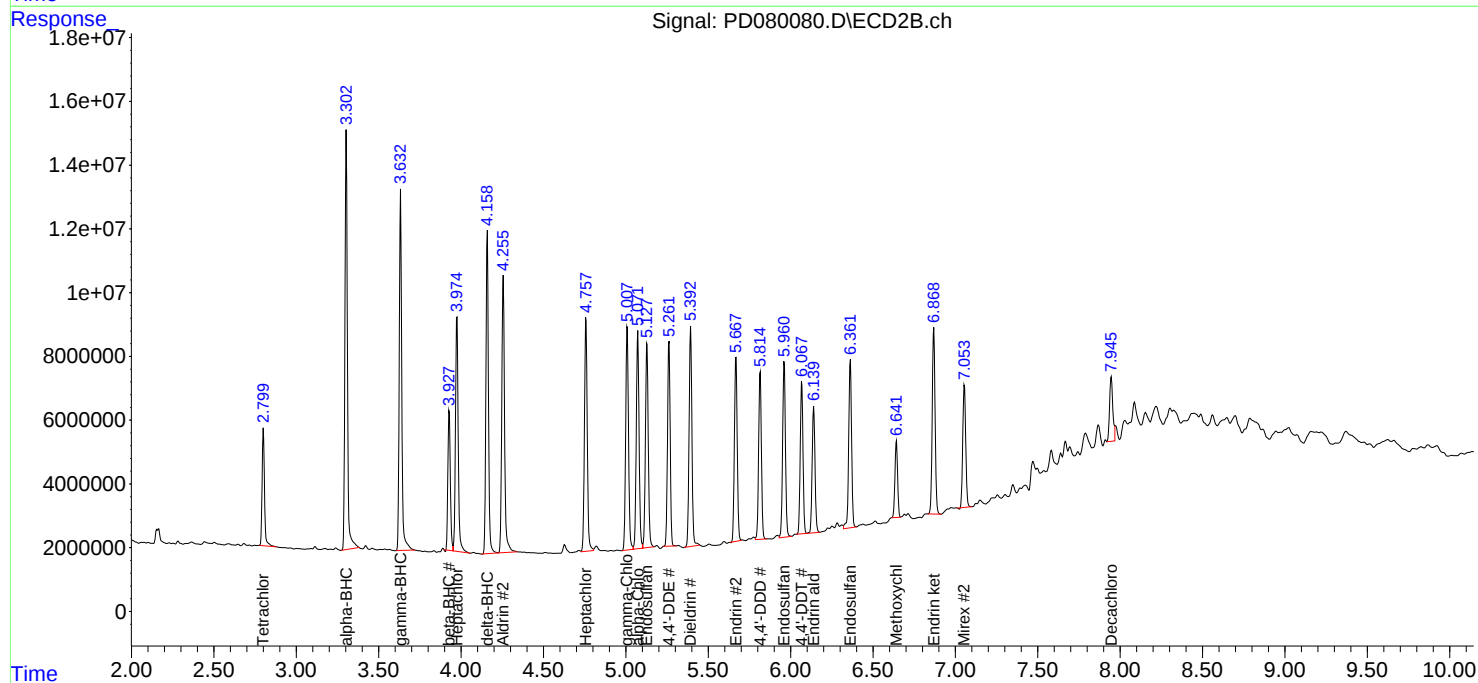
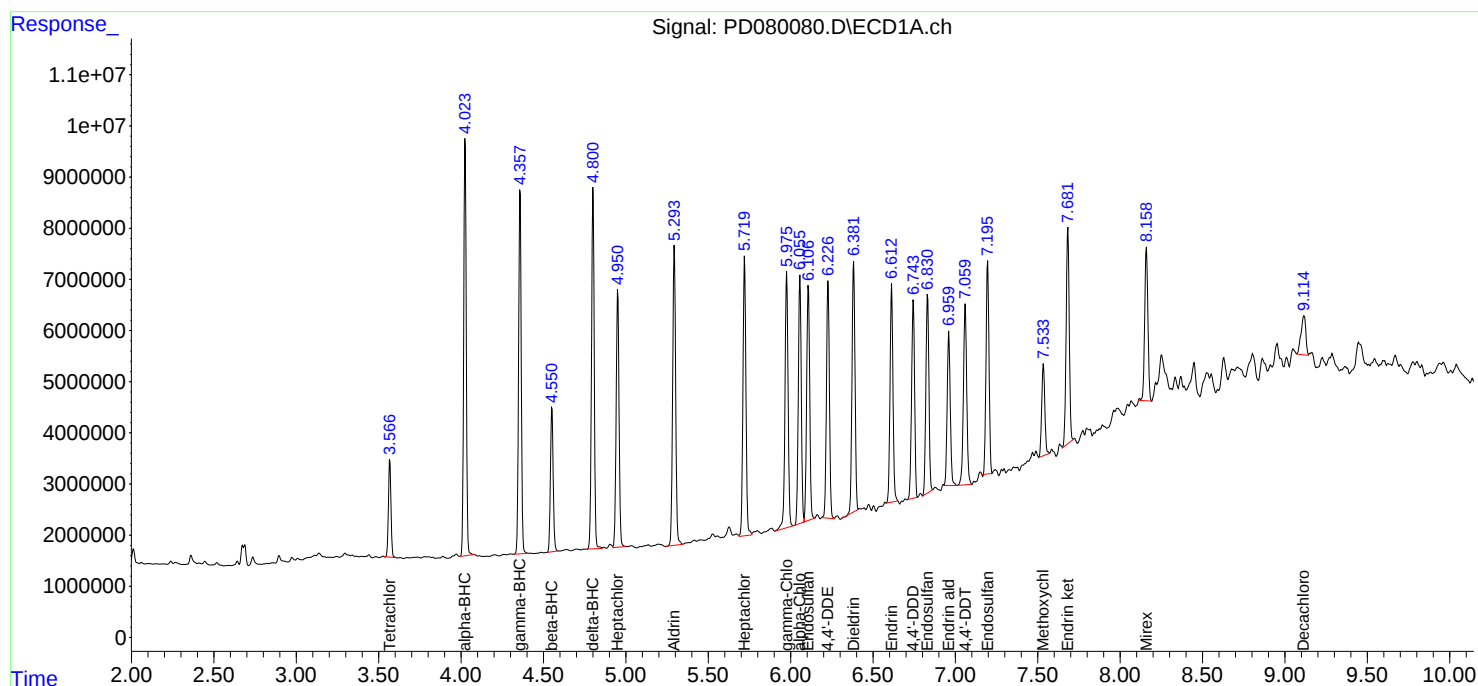
Instrument :
ECD_D
ClientSampleId :
RT-SB-04-13-14MS

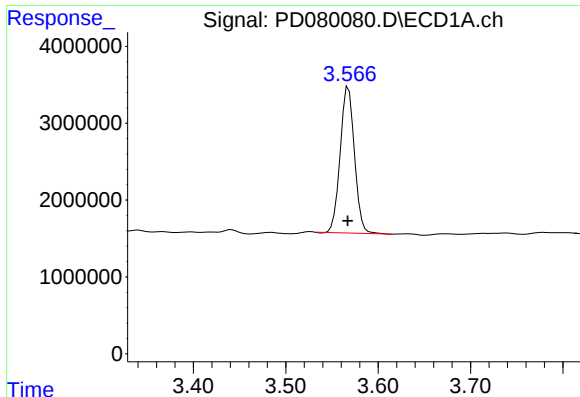
Manual Integrations
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Supervised By :Ankita Jodhani 12/14/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 13 21:21:31 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





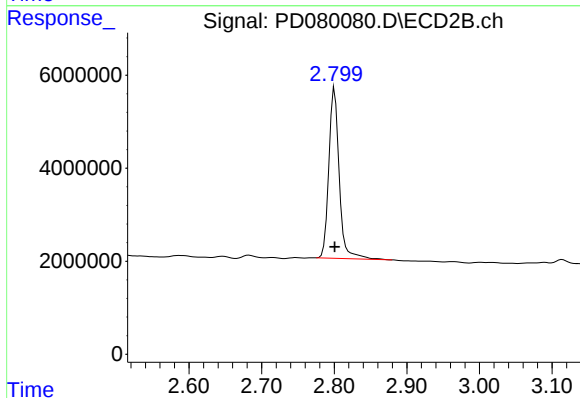
#1 Tetrachloro-m-xylene

R.T.: 3.568 min
Delta R.T.: 0.000 min
Response: 20423081
Conc: 13.55 ng/ml

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

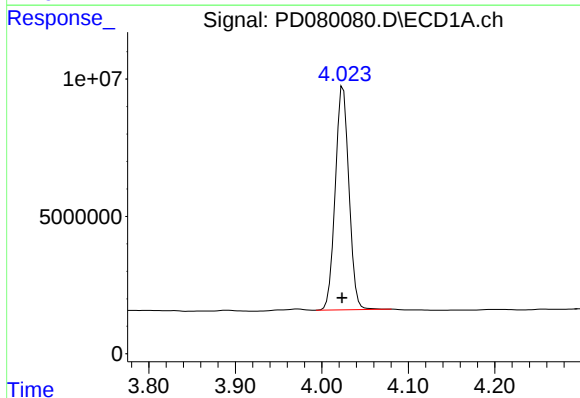
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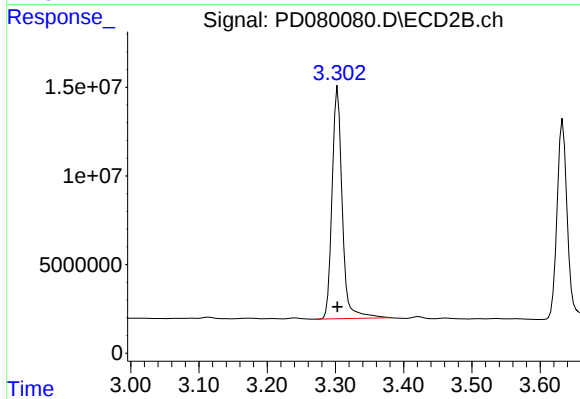
#1 Tetrachloro-m-xylene

R.T.: 2.801 min
Delta R.T.: 0.000 min
Response: 36549148
Conc: 14.54 ng/ml



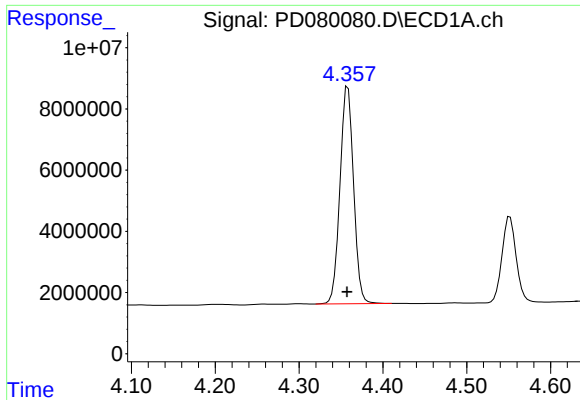
#2 alpha-BHC

R.T.: 4.025 min
Delta R.T.: 0.001 min
Response: 88957366
Conc: 35.41 ng/ml



#2 alpha-BHC

R.T.: 3.304 min
Delta R.T.: 0.000 min
Response: 135238614
Conc: 35.37 ng/ml



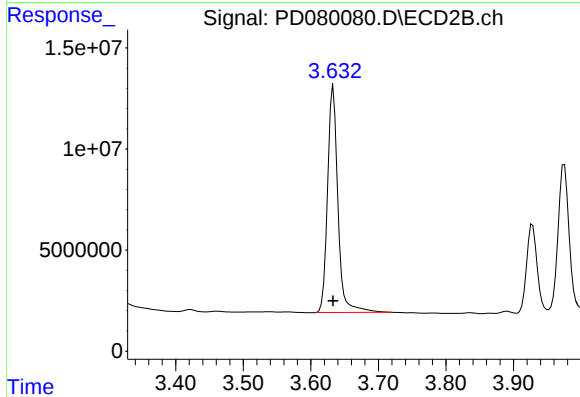
#3 gamma-BHC (Lindane)

R.T.: 4.358 min
Delta R.T.: 0.001 min
Response: 80014827
Conc: 33.77 ng/ml

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

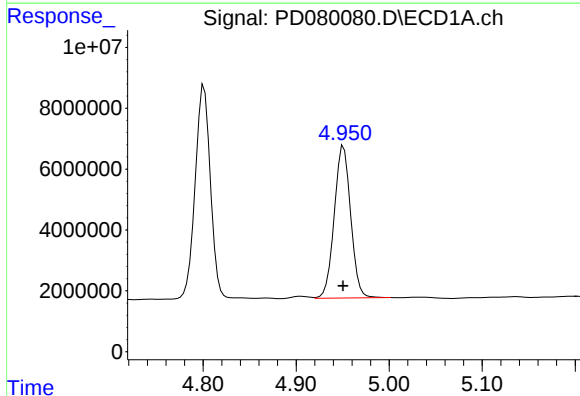
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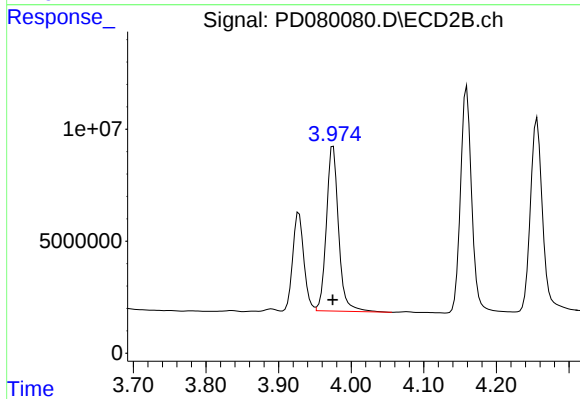
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 120025104
Conc: 33.03 ng/ml



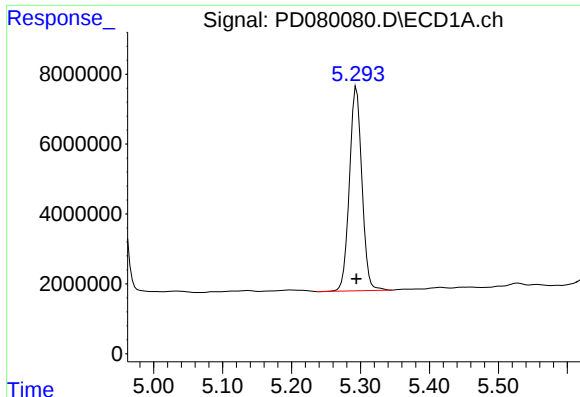
#4 Heptachlor

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 61506031
Conc: 25.01 ng/ml



#4 Heptachlor

R.T.: 3.975 min
Delta R.T.: 0.000 min
Response: 86107590
Conc: 24.56 ng/ml



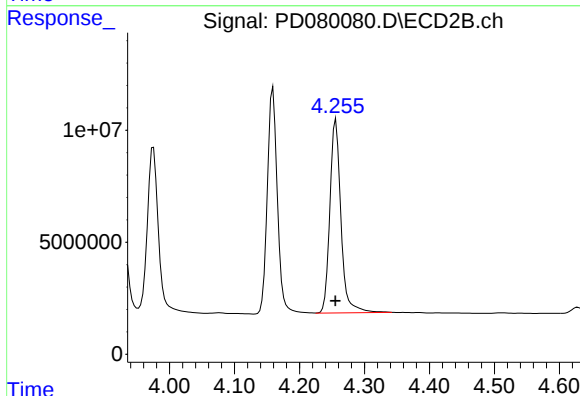
#5 Aldrin

R.T.: 5.294 min
Delta R.T.: 0.000 min
Response: 73379857
Conc: 30.90 ng/ml

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

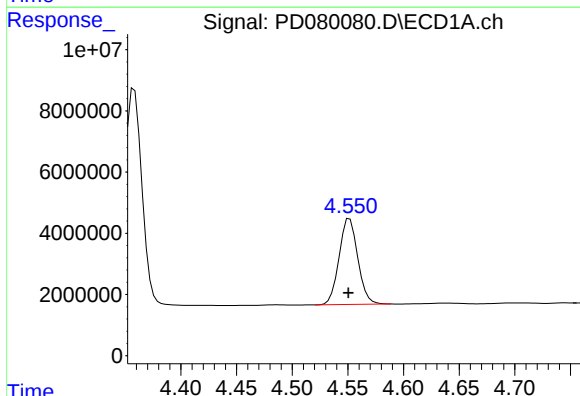
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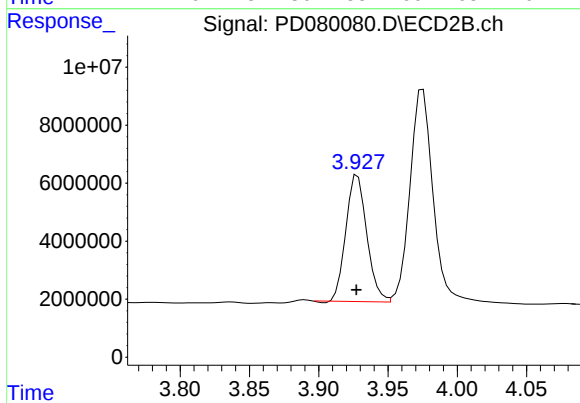
#5 Aldrin

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 101939582
Conc: 28.63 ng/ml



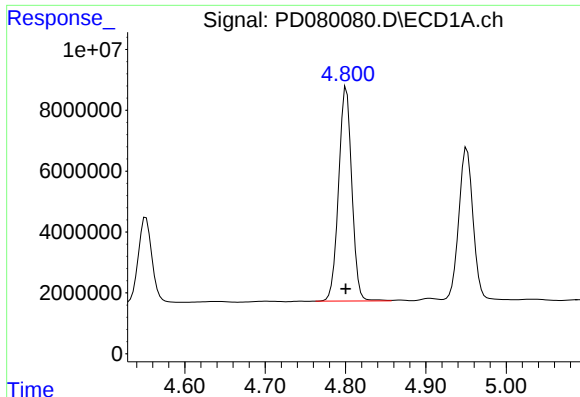
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.001 min
Response: 32867467
Conc: 32.84 ng/ml



#6 beta-BHC

R.T.: 3.928 min
Delta R.T.: 0.000 min
Response: 45915535
Conc: 29.74 ng/ml



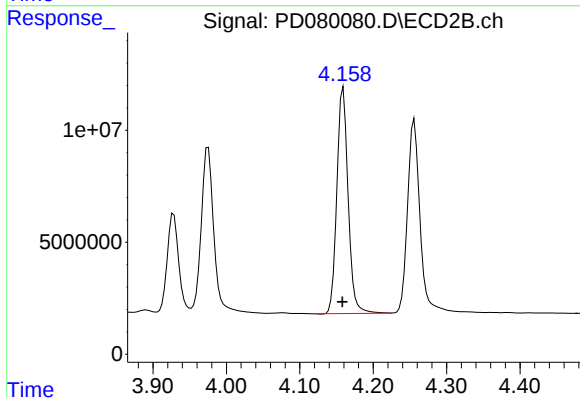
#7 delta-BHC

R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 80378680
Conc: 32.82 ng/ml

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

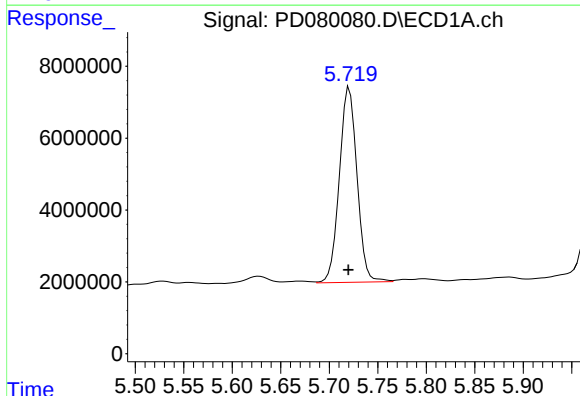
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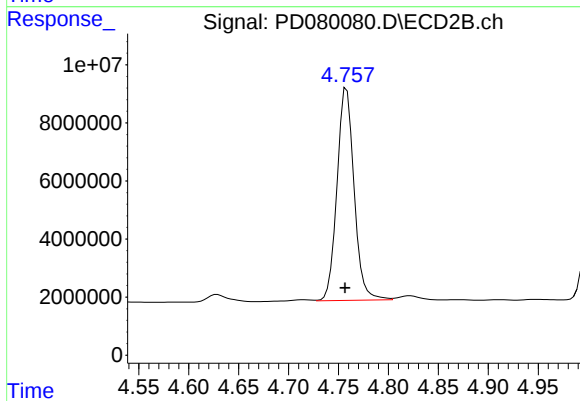
#7 delta-BHC

R.T.: 4.159 min
Delta R.T.: 0.000 min
Response: 107737438
Conc: 28.61 ng/ml



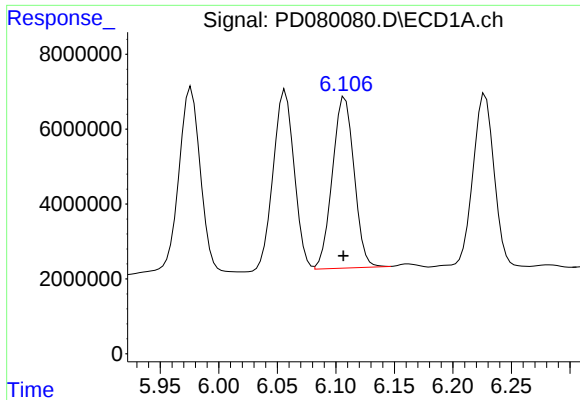
#8 Heptachlor epoxide

R.T.: 5.721 min
Delta R.T.: 0.001 min
Response: 68766001
Conc: 31.22 ng/ml



#8 Heptachlor epoxide

R.T.: 4.758 min
Delta R.T.: 0.002 min
Response: 87223389
Conc: 26.60 ng/ml



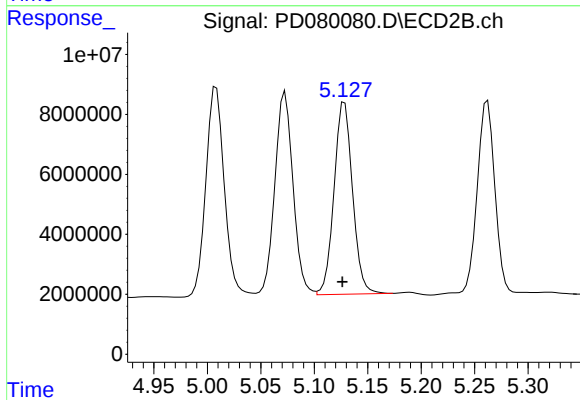
#9 Endosulfan I

R.T.: 6.108 min
Delta R.T.: 0.001 min
Response: 59122045
Conc: 28.75 ng/ml

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

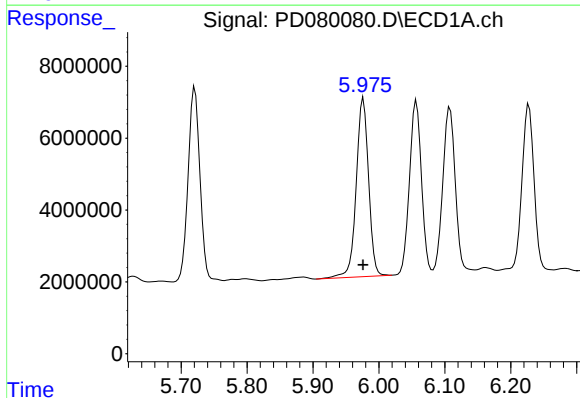
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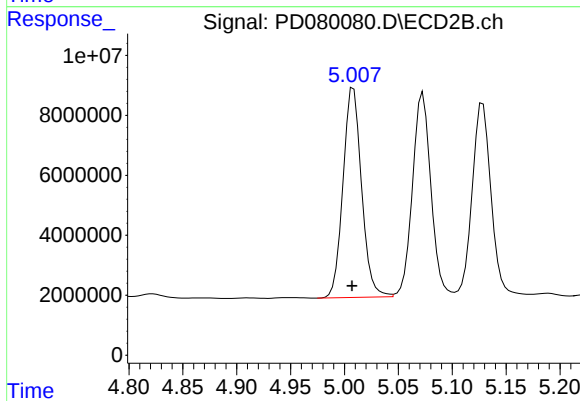
#9 Endosulfan I

R.T.: 5.128 min
Delta R.T.: 0.002 min
Response: 77159584
Conc: 25.56 ng/ml



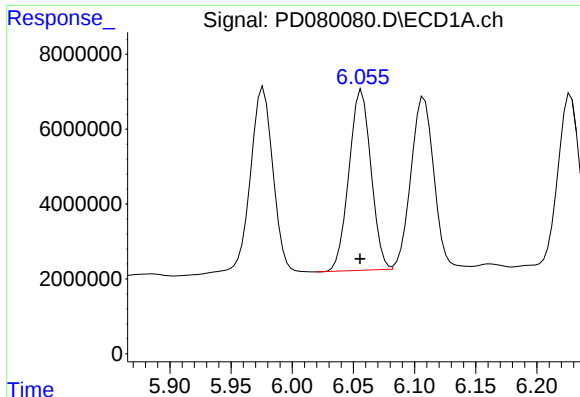
#10 gamma-Chlordane

R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 64735602
Conc: 29.74 ng/ml



#10 gamma-Chlordane

R.T.: 5.008 min
Delta R.T.: 0.001 min
Response: 83962111
Conc: 26.05 ng/ml



#11 alpha-Chlordane

R.T.: 6.057 min
Delta R.T.: 0.001 min
Response: 60345173
Conc: 27.97 ng/ml

Instrument :

ECD_D

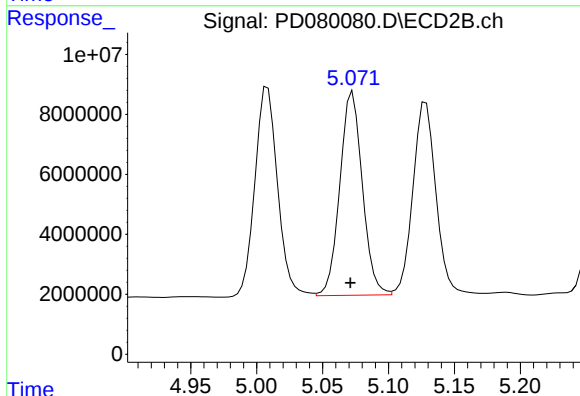
ClientSampleId :

RT-SB-04-13-14MS

Manual Integrations

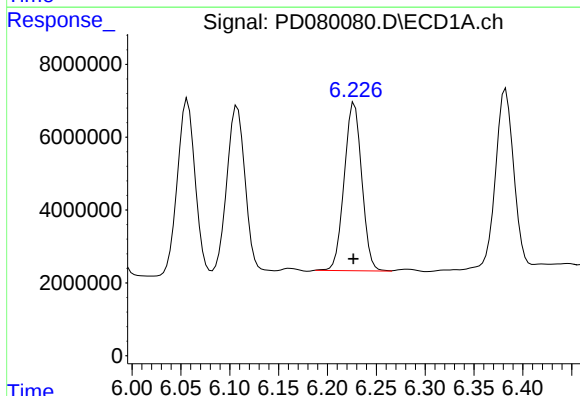
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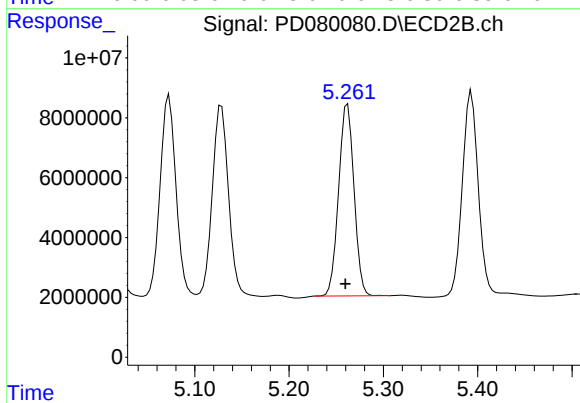
#11 alpha-Chlordane

R.T.: 5.073 min
Delta R.T.: 0.002 min
Response: 80687873
Conc: 25.11 ng/ml



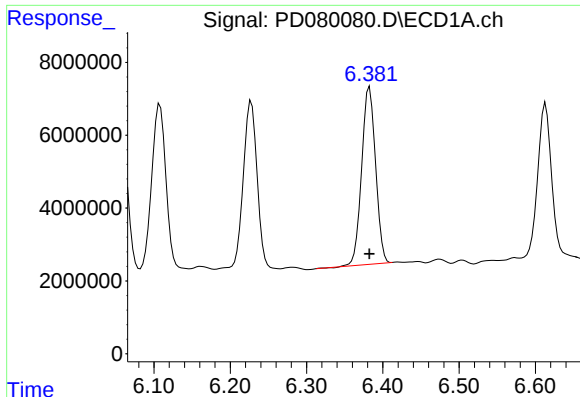
#12 4,4'-DDE

R.T.: 6.228 min
Delta R.T.: 0.001 min
Response: 57898565
Conc: 28.88 ng/ml



#12 4,4'-DDE

R.T.: 5.262 min
Delta R.T.: 0.002 min
Response: 72677939
Conc: 24.11 ng/ml



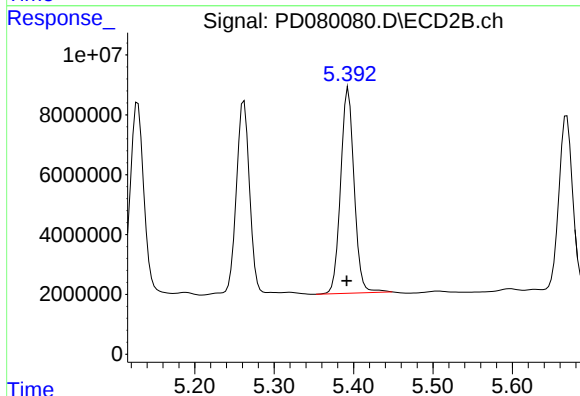
#13 Dieldrin

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 61566455
Conc: 28.22 ng/ml

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

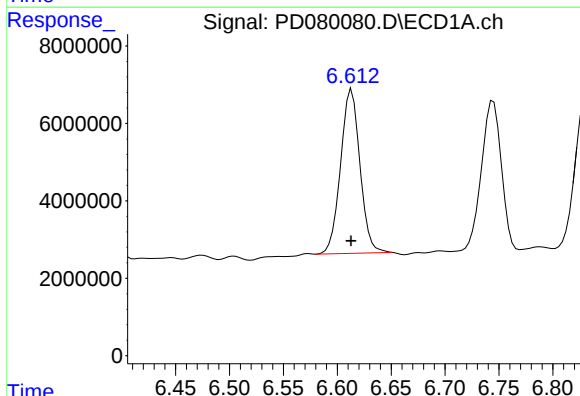
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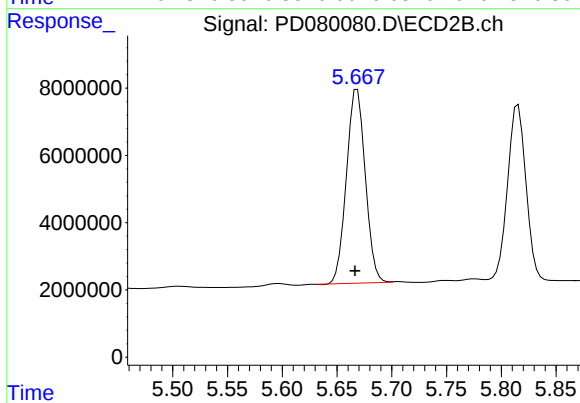
#13 Dieldrin

R.T.: 5.393 min
Delta R.T.: 0.002 min
Response: 81332394
Conc: 24.84 ng/ml



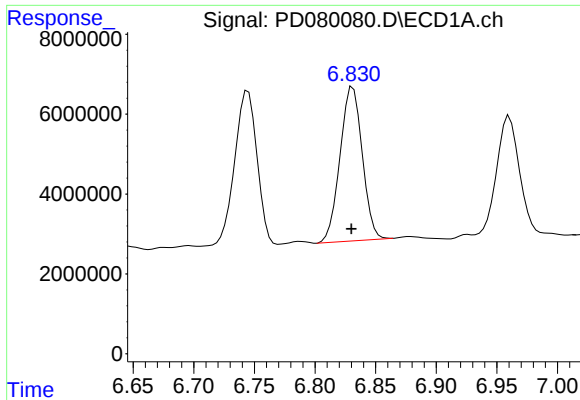
#14 Endrin

R.T.: 6.613 min
Delta R.T.: 0.000 min
Response: 53054742
Conc: 29.26 ng/ml



#14 Endrin

R.T.: 5.668 min
Delta R.T.: 0.002 min
Response: 69029793
Conc: 24.57 ng/ml



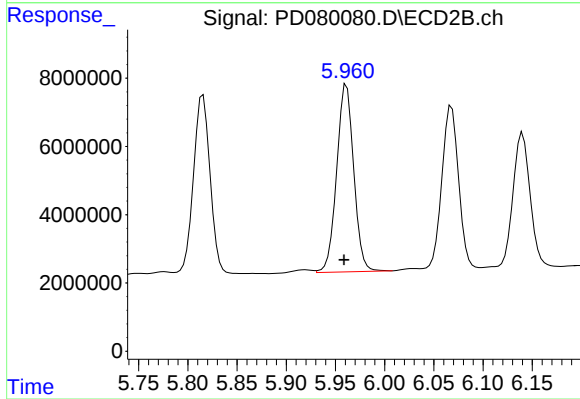
#15 Endosulfan II

R.T.: 6.831 min
Delta R.T.: 0.001 min
Response: 49249147
Conc: 25.85 ng/ml

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

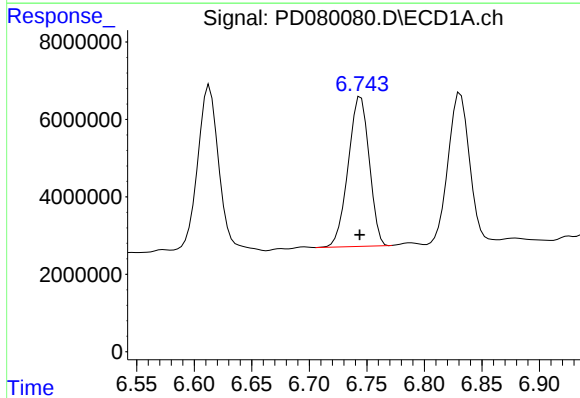
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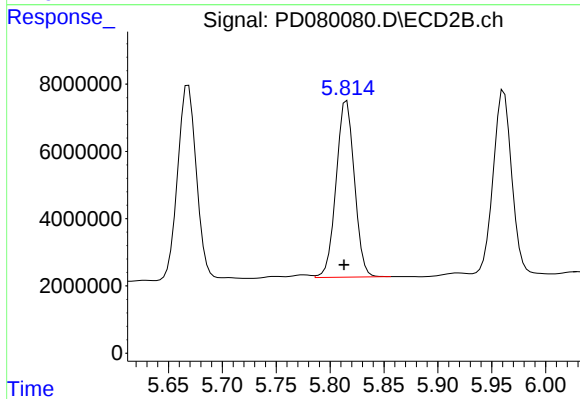
#15 Endosulfan II

R.T.: 5.961 min
Delta R.T.: 0.002 min
Response: 66232656
Conc: 24.27 ng/ml



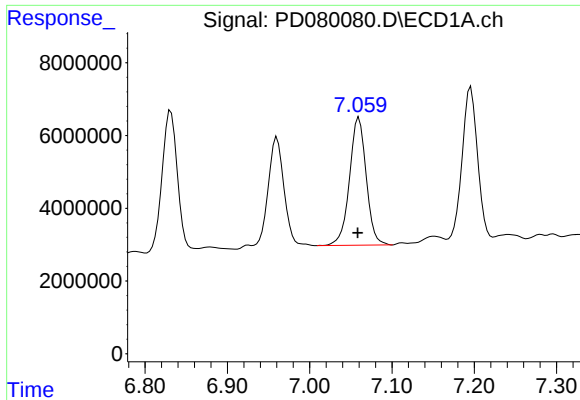
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 49475129
Conc: 29.53 ng/ml



#16 4,4'-DDD

R.T.: 5.815 min
Delta R.T.: 0.002 min
Response: 61801840
Conc: 24.00 ng/ml



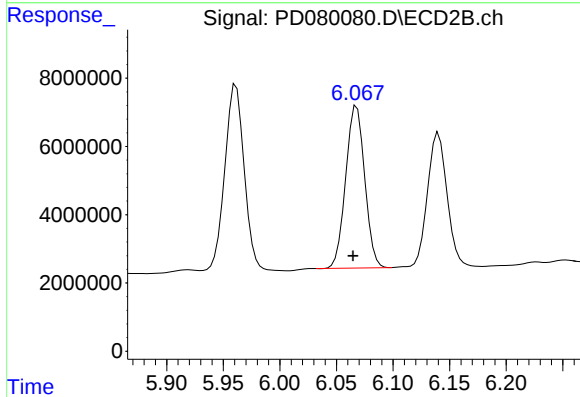
#17 4,4'-DDT

R.T.: 7.060 min
Delta R.T.: 0.001 min
Response: 49703379
Conc: 27.94 ng/ml

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

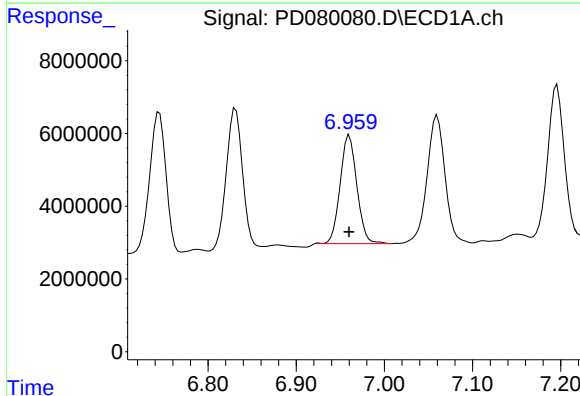
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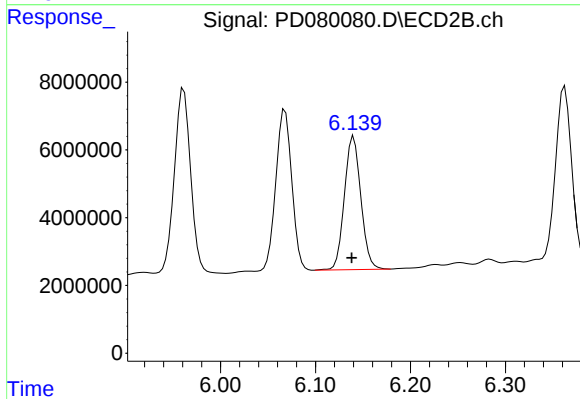
#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: 0.003 min
Response: 55561668
Conc: 21.87 ng/ml



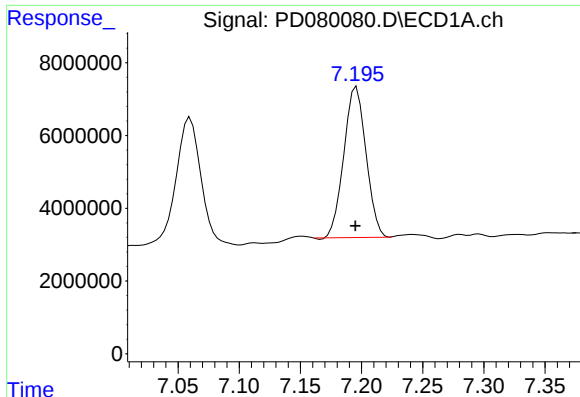
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: 0.000 min
Response: 39300627
Conc: 27.43 ng/ml



#18 Endrin aldehyde

R.T.: 6.140 min
Delta R.T.: 0.002 min
Response: 47437997
Conc: 23.11 ng/ml



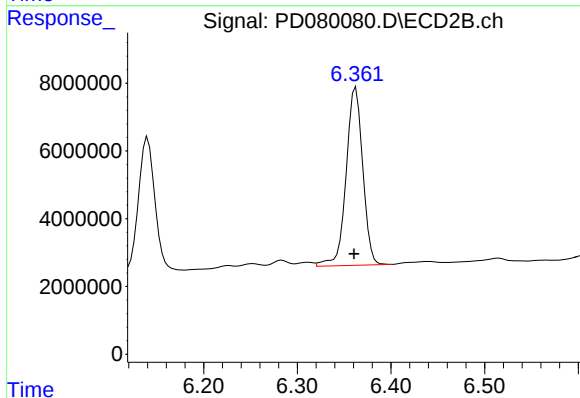
#19 Endosulfan Sulfate

R.T.: 7.196 min
Delta R.T.: 0.000 min
Response: 52210856
Conc: 27.54 ng/ml

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

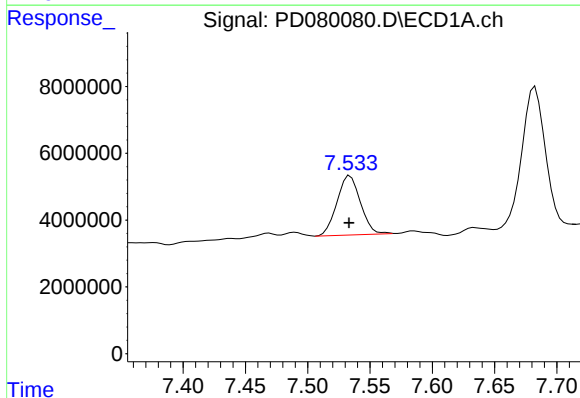
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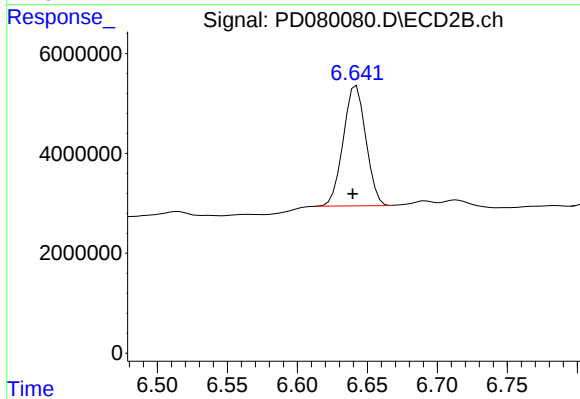
#19 Endosulfan Sulfate

R.T.: 6.362 min
Delta R.T.: 0.002 min
Response: 64967222
Conc: 24.23 ng/ml



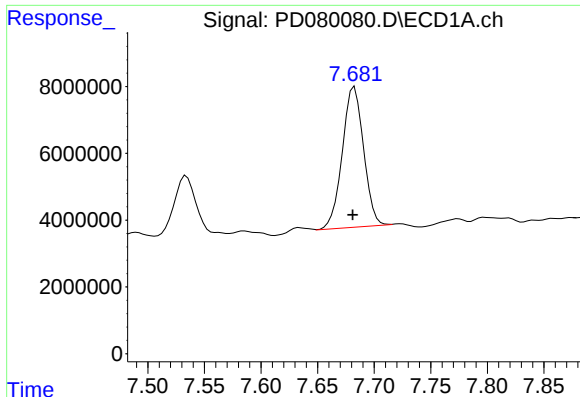
#20 Methoxychlor

R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 23386932
Conc: 23.66 ng/ml m



#20 Methoxychlor

R.T.: 6.641 min
Delta R.T.: 0.001 min
Response: 27079940
Conc: 18.52 ng/ml m



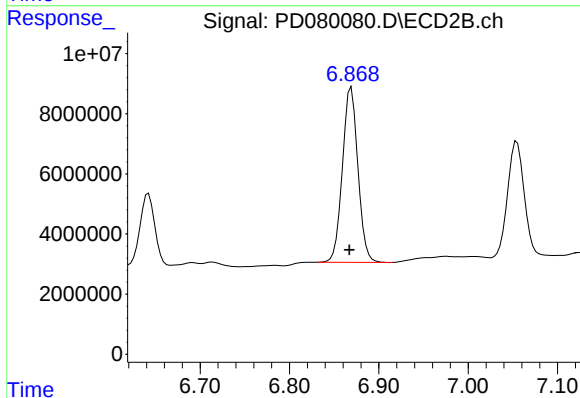
#21 Endrin ketone

R.T.: 7.681 min
Delta R.T.: 0.000 min
Response: 55065984
Conc: 26.60 ng/ml

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

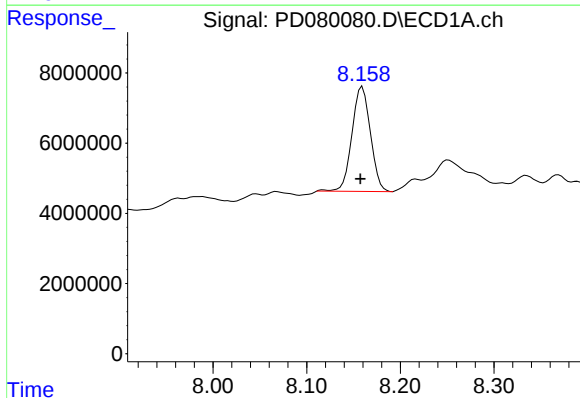
Manual Integrations
APPROVED

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



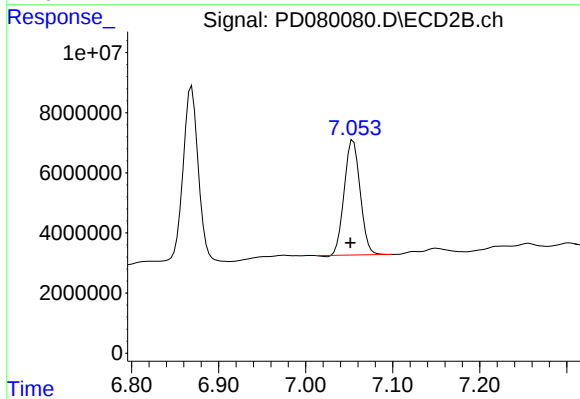
#21 Endrin ketone

R.T.: 6.869 min
Delta R.T.: 0.002 min
Response: 70042888
Conc: 22.41 ng/ml



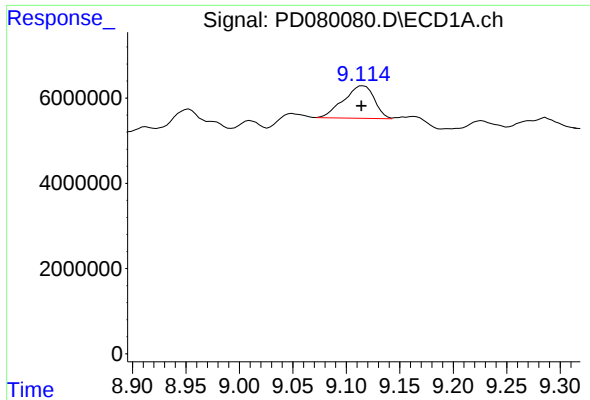
#22 Mirex

R.T.: 8.160 min
Delta R.T.: 0.002 min
Response: 40866706
Conc: 24.98 ng/ml



#22 Mirex

R.T.: 7.055 min
Delta R.T.: 0.003 min
Response: 48618933
Conc: 20.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.114 min
Delta R.T.: 0.000 min
Response: 15326712
Conc: 7.57 ng/ml

Instrument :

ECD_D

ClientSampleId :

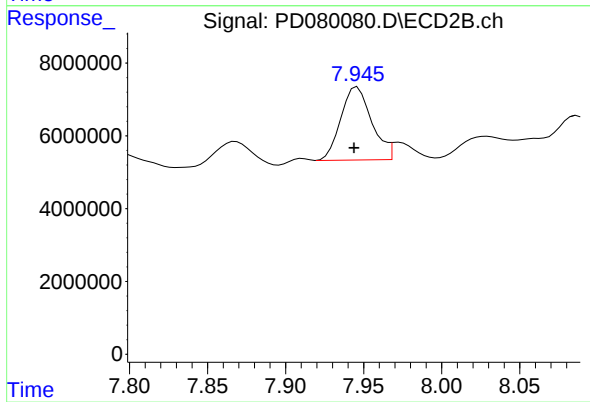
RT-SB-04-13-14MS

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#28 Decachlorobiphenyl

R.T.: 7.945 min
Delta R.T.: 0.000 min
Response: 27482973
Conc: 9.75 ng/ml m