

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021623\
 Data File : PL080980.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Feb 2023 14:32
 Operator : AR\AJ
 Sample : 01572-04MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RBR-200028MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/17/2023
 Supervised By :Ankita Jodhani 02/17/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 16 20:43:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.351	2.689	31591237	30641169	14.729m	13.950
28)	SA Decachlor...	8.790	7.832	17536858	21093915	10.017	8.854
Target Compounds							
2)	A alpha-BHC	3.801	3.189	143.4E6	133.8E6	45.275	42.083
3)	MA gamma-BHC...	4.129	3.517	130.0E6	127.7E6	44.209	42.763
4)	MA Heptachlor	4.711	3.857	130.5E6	134.0E6	44.168m	42.113
5)	MB Aldrin	5.051	4.136	123.3E6	129.6E6	45.086	43.926
6)	B beta-BHC	4.325	3.813	58854356	56509145	43.116	42.341
7)	B delta-BHC	4.569	4.043	117.1E6	111.0E6	40.456	38.467
8)	B Heptachlo...	5.476	4.638	112.3E6	113.5E6	43.418	40.805
9)	A Endosulfan I	5.858	5.007	104.0E6	101.7E6	44.047	39.094
10)	B gamma-Chl...	5.731	4.888	121.0E6	129.6E6	47.904	45.736m
11)	B alpha-Chl...	5.810	4.953	127.5E6	123.2E6	50.527	43.001
12)	B 4,4'-DDE	5.988	5.144	101.1E6	105.5E6	45.378	44.709m
13)	MA Dieldrin	6.132	5.273	107.8E6	109.2E6	45.026	40.364
14)	MA Endrin	6.359	5.548	92485211	99005544	42.764	42.653
15)	B Endosulfa...	6.578	5.841	87861039	84231625	38.328	40.424
16)	A 4,4'-DDD	6.502	5.699	82255407	80850231	44.900	43.024
17)	MA 4,4'-DDT	6.815	5.951	88637463	84939216	42.662	40.419
18)	B Endrin al...	6.708	6.021	69408627	71098575	41.727	38.934
19)	B Endosulfa...	6.941	6.244	84376545	90912477	40.763	39.091
20)	A Methoxychlor	7.293	6.529	43996785	47550551	39.878	39.186
21)	B Endrin ke...	7.421	6.749	91479364	96545778	41.462	37.813
22)	Mirex	7.893	6.932	71478778	83651083	41.563	36.742

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021623\
Data File : PL080980.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Feb 2023 14:32
Operator : AR\AJ
Sample : 01572-04MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

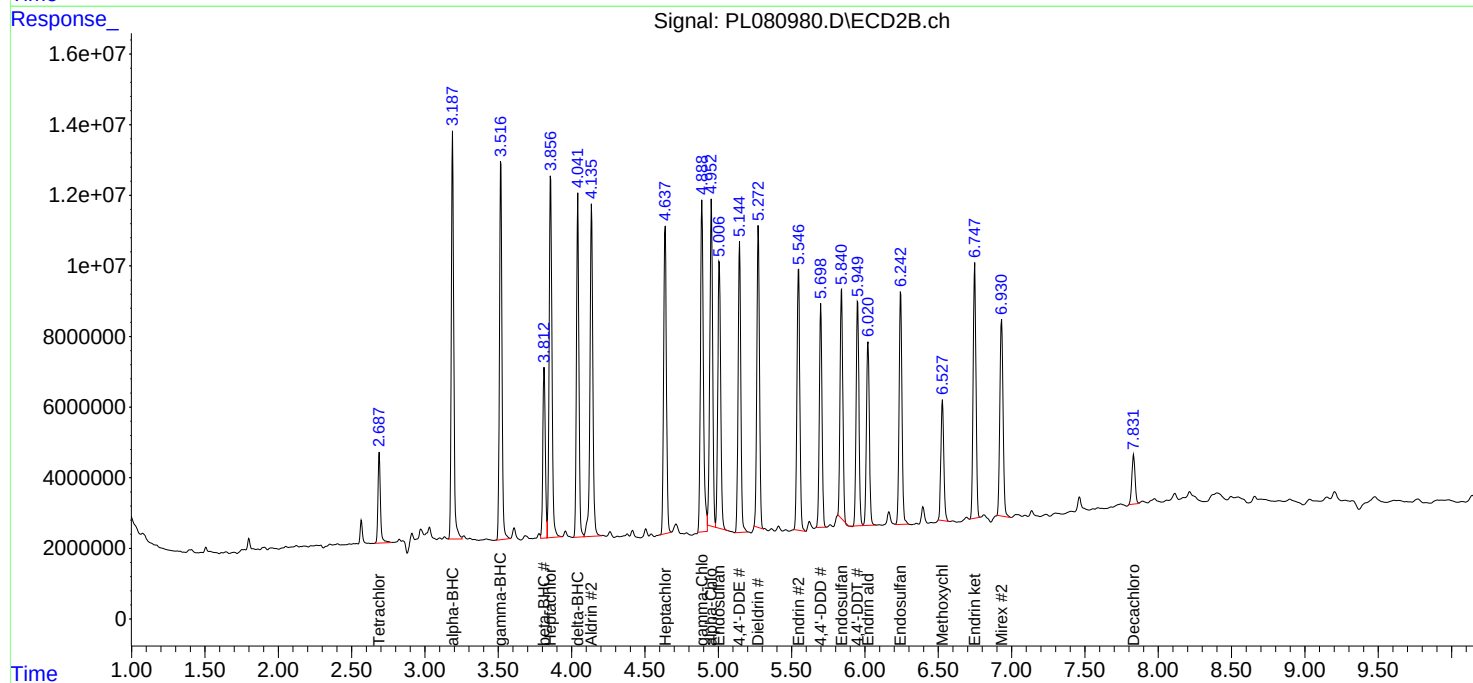
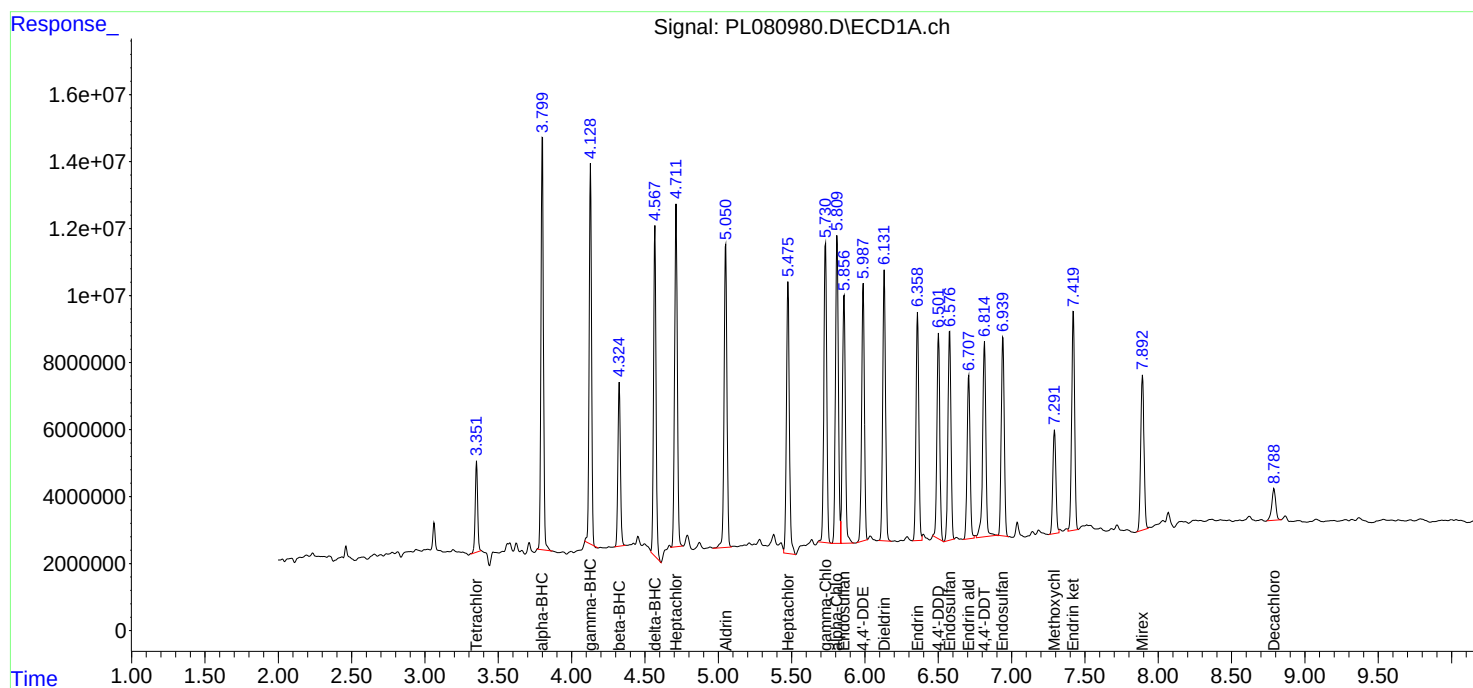
Instrument :
ECD_L
ClientSampleId :
RBR-200028MSD

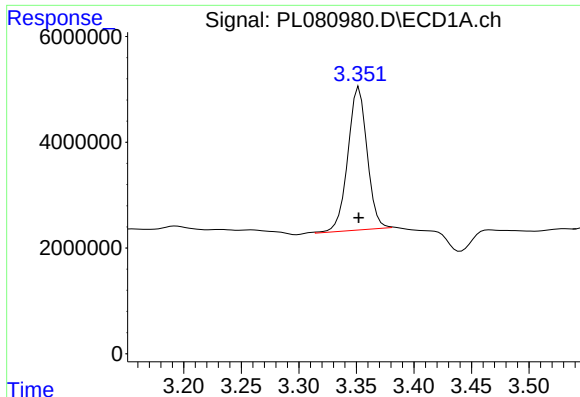
Manual Integrations
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Supervised By :Ankita Jodhani 02/17/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 16 20:43:17 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





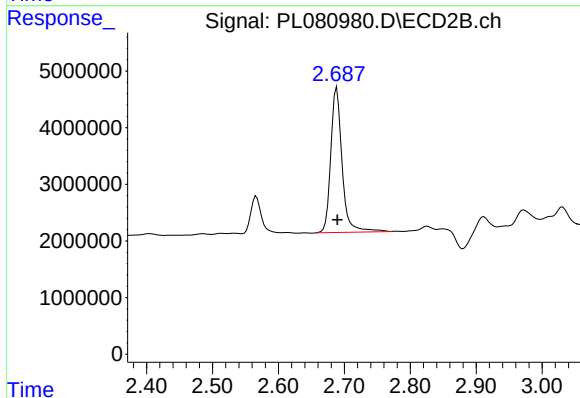
#1 Tetrachloro-m-xylene

R.T.: 3.351 min
Delta R.T.: 0.000 min
Response: 31591237
Conc: 14.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200028MSD

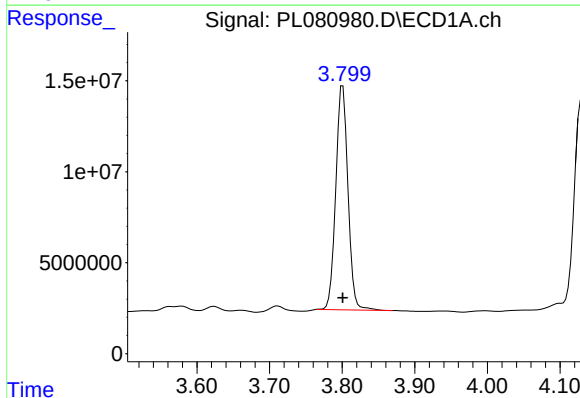
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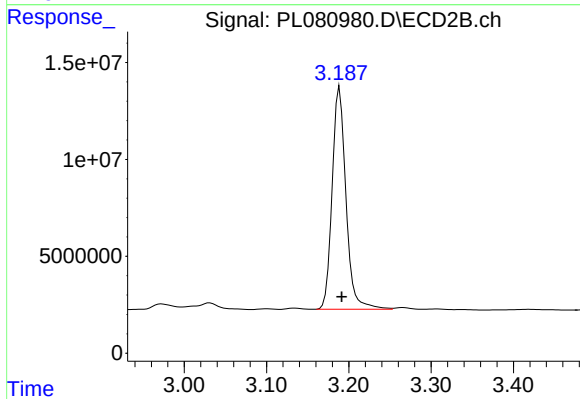
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: -0.001 min
Response: 30641169
Conc: 13.95 ng/ml



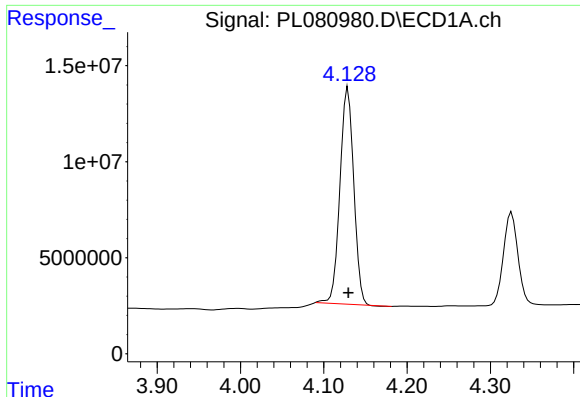
#2 alpha-BHC

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 143432380
Conc: 45.27 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.003 min
Response: 133842809
Conc: 42.08 ng/ml



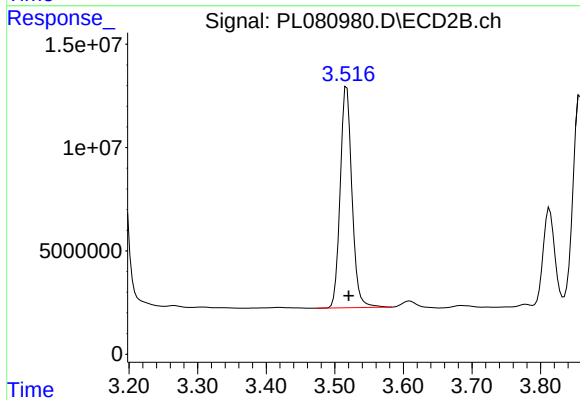
#3 gamma-BHC (Lindane)

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 129962789
Conc: 44.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200028MSD

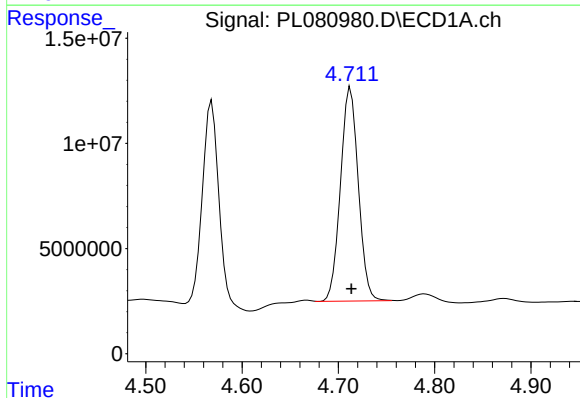
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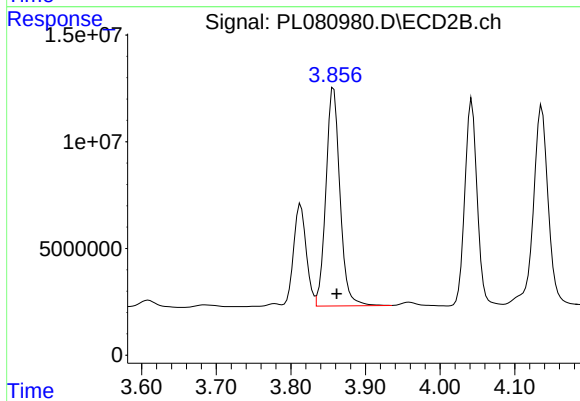
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 127745581
Conc: 42.76 ng/ml



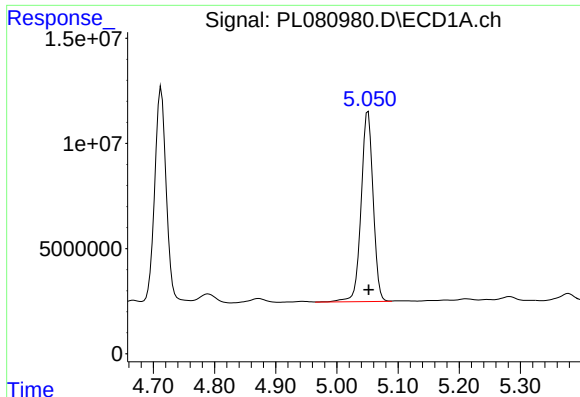
#4 Heptachlor

R.T.: 4.711 min
Delta R.T.: -0.002 min
Response: 130525098
Conc: 44.17 ng/ml m



#4 Heptachlor

R.T.: 3.857 min
Delta R.T.: -0.004 min
Response: 134019599
Conc: 42.11 ng/ml



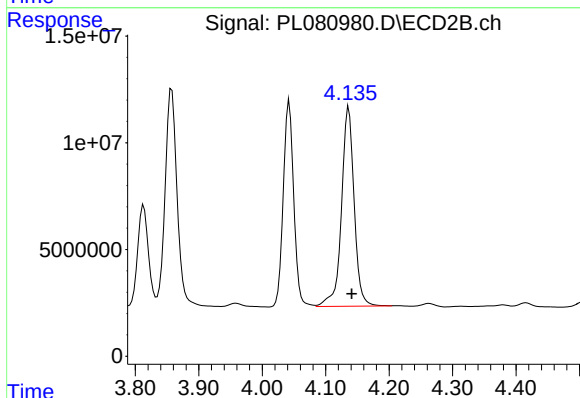
#5 Aldrin

R.T.: 5.051 min
Delta R.T.: -0.001 min
Response: 123346267
Conc: 45.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200028MSD

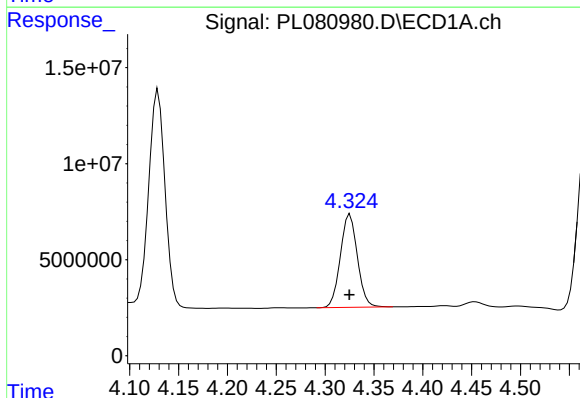
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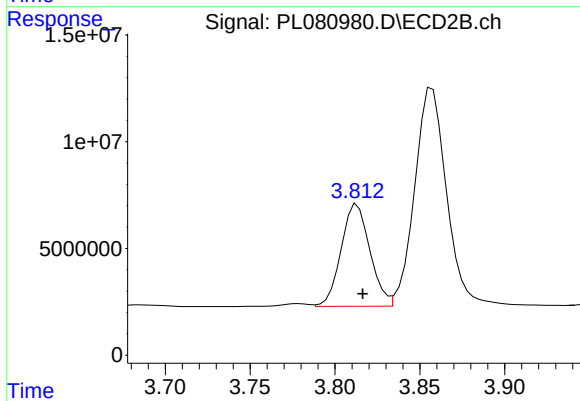
#5 Aldrin

R.T.: 4.136 min
Delta R.T.: -0.005 min
Response: 129563550
Conc: 43.93 ng/ml



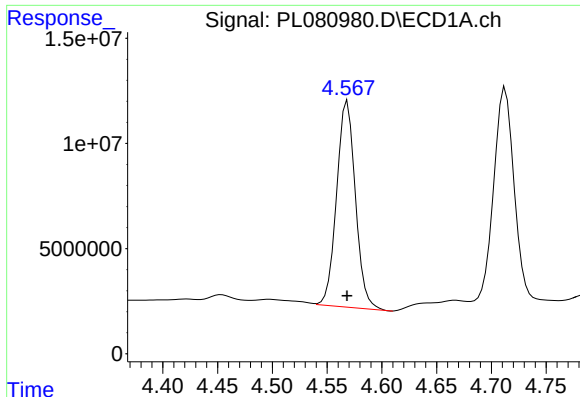
#6 beta-BHC

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 58854356
Conc: 43.12 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 56509145
Conc: 42.34 ng/ml



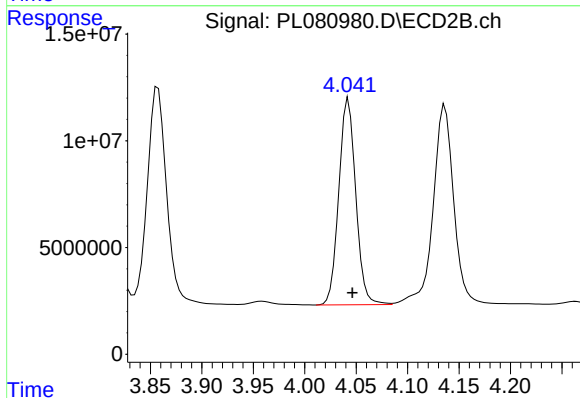
#7 delta-BHC

R.T.: 4.569 min
Delta R.T.: 0.000 min
Response: 117120736
Conc: 40.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200028MSD

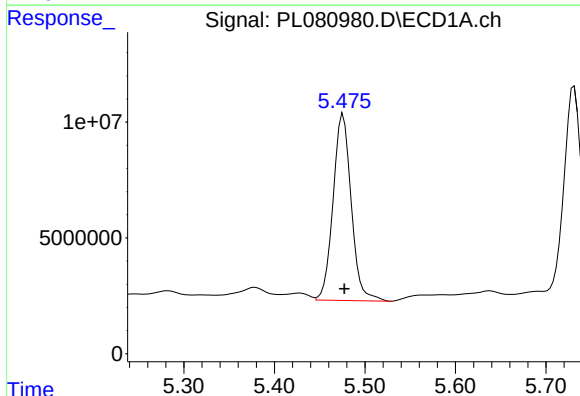
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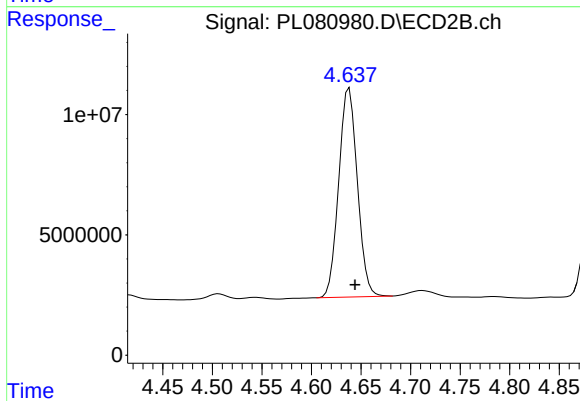
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.004 min
Response: 110955023
Conc: 38.47 ng/ml



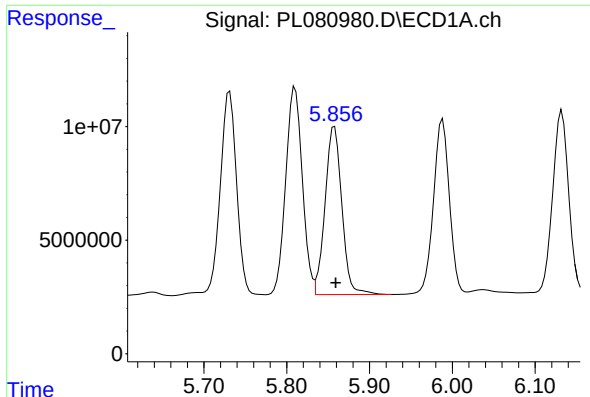
#8 Heptachlor epoxide

R.T.: 5.476 min
Delta R.T.: -0.001 min
Response: 112323961
Conc: 43.42 ng/ml



#8 Heptachlor epoxide

R.T.: 4.638 min
Delta R.T.: -0.006 min
Response: 113532561
Conc: 40.80 ng/ml



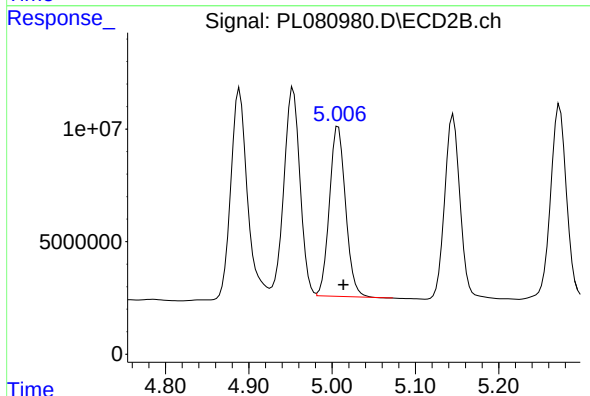
#9 Endosulfan I

R.T.: 5.858 min
Delta R.T.: -0.001 min
Response: 104015793
Conc: 44.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200028MSD

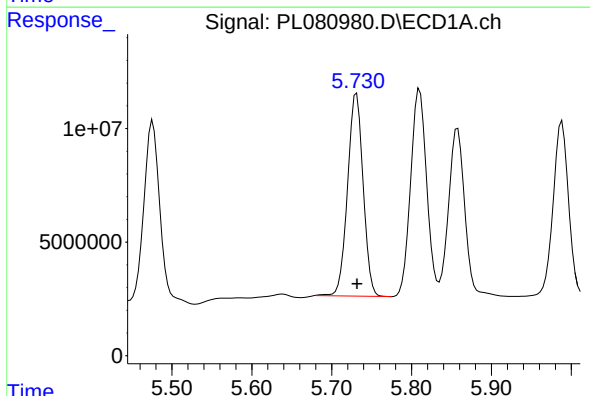
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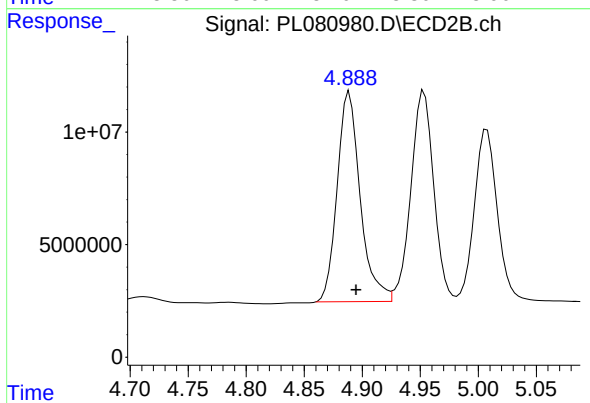
#9 Endosulfan I

R.T.: 5.007 min
Delta R.T.: -0.006 min
Response: 101696907
Conc: 39.09 ng/ml



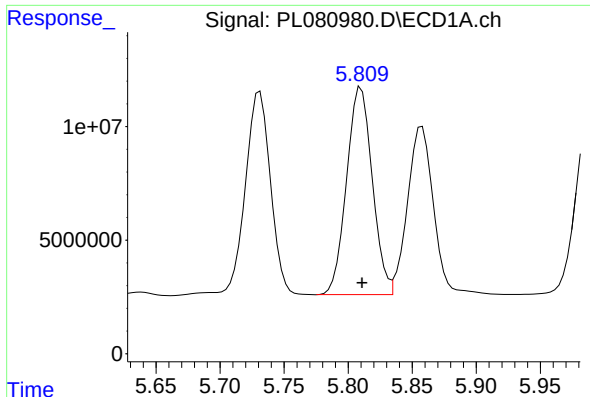
#10 gamma-Chlordane

R.T.: 5.731 min
Delta R.T.: 0.000 min
Response: 120991995
Conc: 47.90 ng/ml



#10 gamma-Chlordane

R.T.: 4.888 min
Delta R.T.: -0.007 min
Response: 129625971
Conc: 45.74 ng/ml m



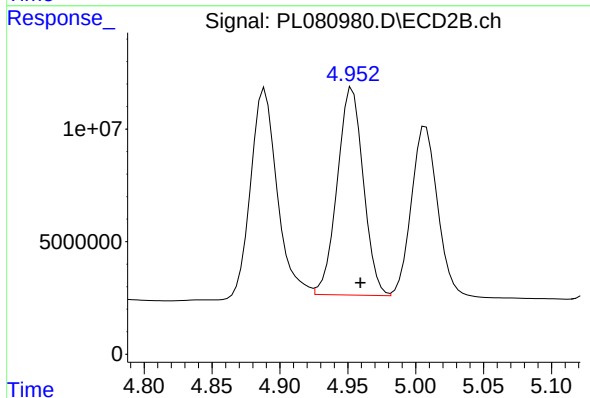
#11 alpha-Chlordane

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 127544330
Conc: 50.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200028MSD

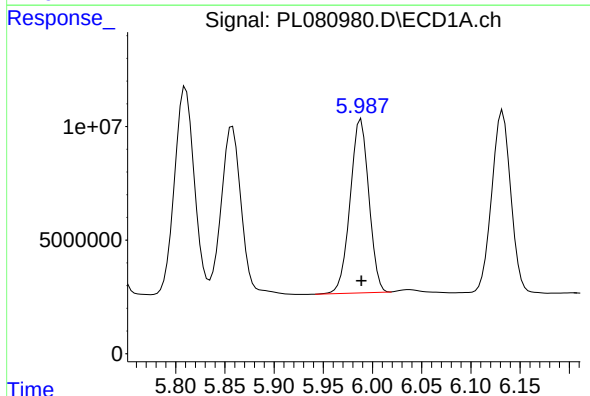
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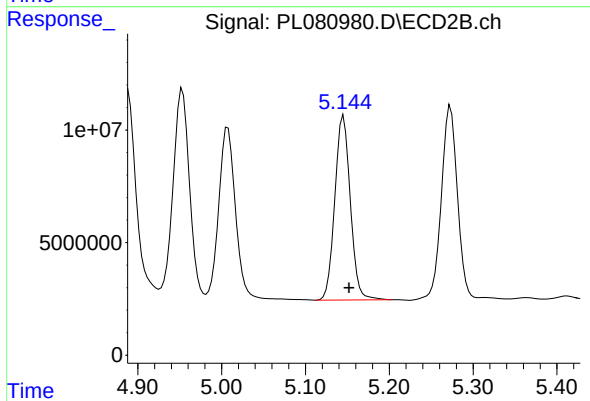
#11 alpha-Chlordane

R.T.: 4.953 min
Delta R.T.: -0.006 min
Response: 123185181
Conc: 43.00 ng/ml



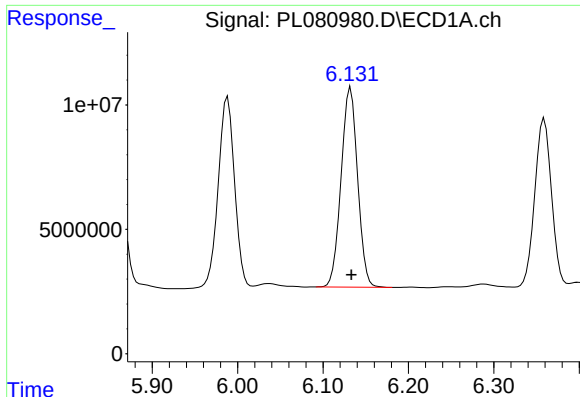
#12 4,4'-DDE

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 101072522
Conc: 45.38 ng/ml



#12 4,4'-DDE

R.T.: 5.144 min
Delta R.T.: -0.008 min
Response: 105460522
Conc: 44.71 ng/ml m



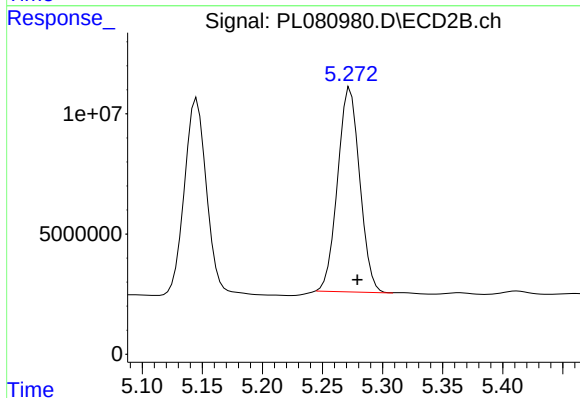
#13 Dieldrin

R.T.: 6.132 min
Delta R.T.: -0.001 min
Response: 107764063
Conc: 45.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200028MSD

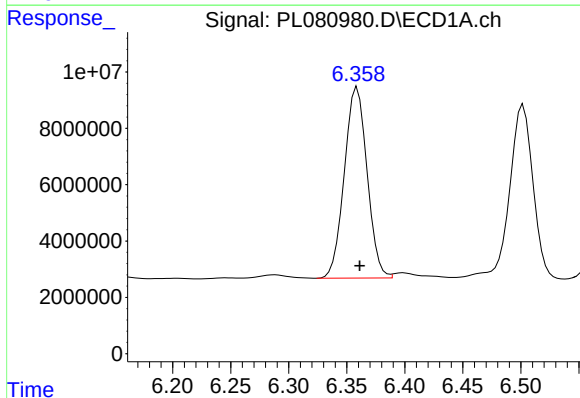
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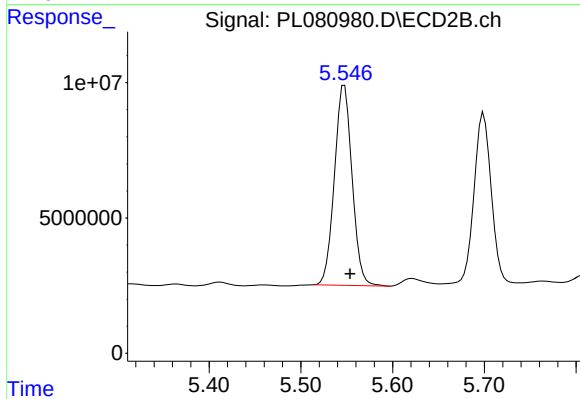
#13 Dieldrin

R.T.: 5.273 min
Delta R.T.: -0.006 min
Response: 109183585
Conc: 40.36 ng/ml



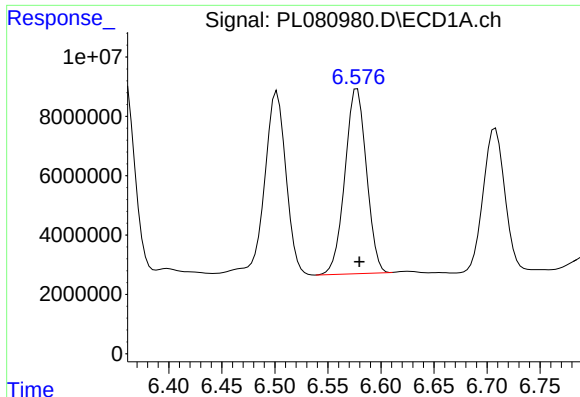
#14 Endrin

R.T.: 6.359 min
Delta R.T.: -0.002 min
Response: 92485211
Conc: 42.76 ng/ml



#14 Endrin

R.T.: 5.548 min
Delta R.T.: -0.006 min
Response: 99005544
Conc: 42.65 ng/ml



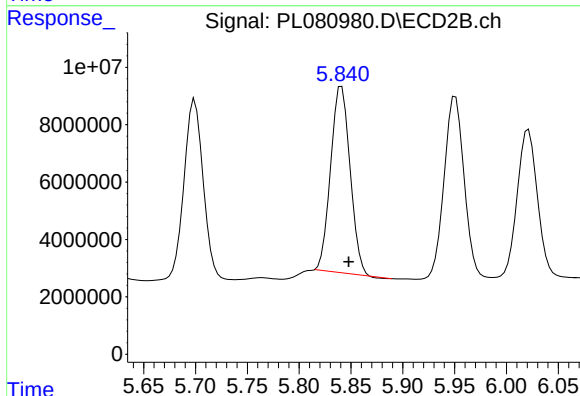
#15 Endosulfan II

R.T.: 6.578 min
Delta R.T.: -0.002 min
Response: 87861039
Conc: 38.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200028MSD

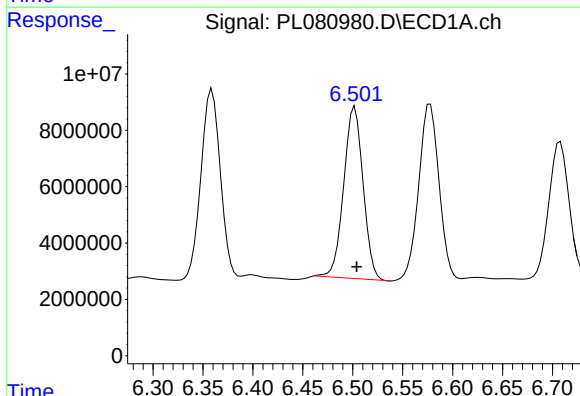
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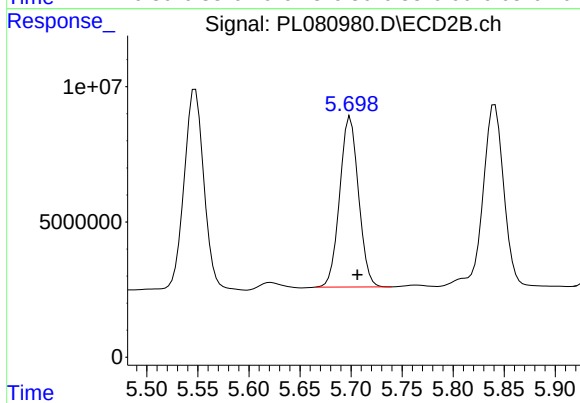
#15 Endosulfan II

R.T.: 5.841 min
Delta R.T.: -0.007 min
Response: 84231625
Conc: 40.42 ng/ml



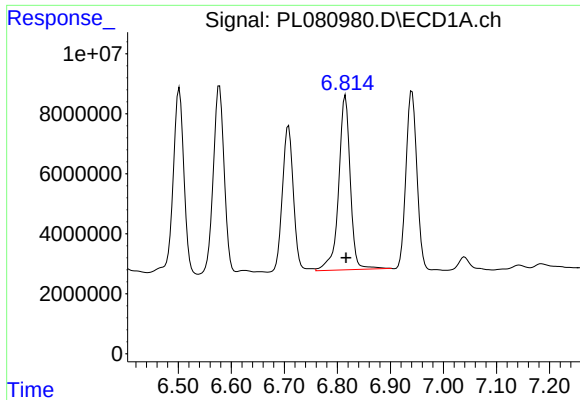
#16 4,4'-DDD

R.T.: 6.502 min
Delta R.T.: -0.002 min
Response: 82255407
Conc: 44.90 ng/ml



#16 4,4'-DDD

R.T.: 5.699 min
Delta R.T.: -0.007 min
Response: 80850231
Conc: 43.02 ng/ml



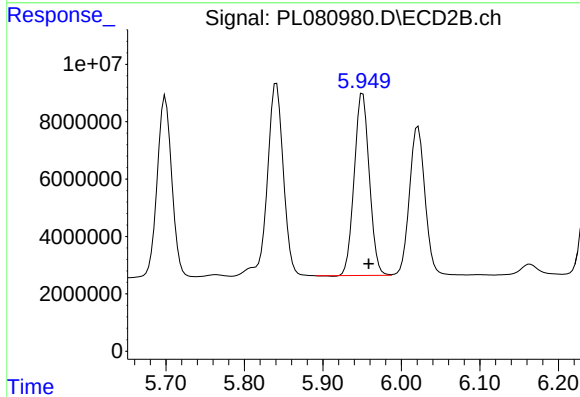
#17 4,4'-DDT

R.T.: 6.815 min
Delta R.T.: 0.000 min
Response: 88637463
Conc: 42.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200028MSD

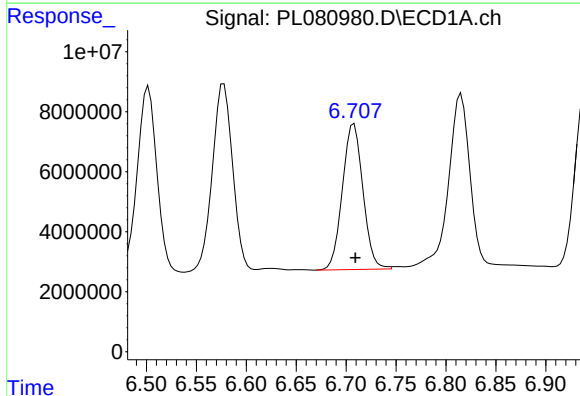
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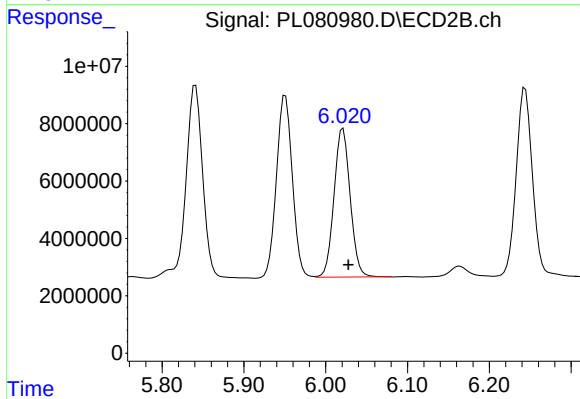
#17 4,4'-DDT

R.T.: 5.951 min
Delta R.T.: -0.008 min
Response: 84939216
Conc: 40.42 ng/ml



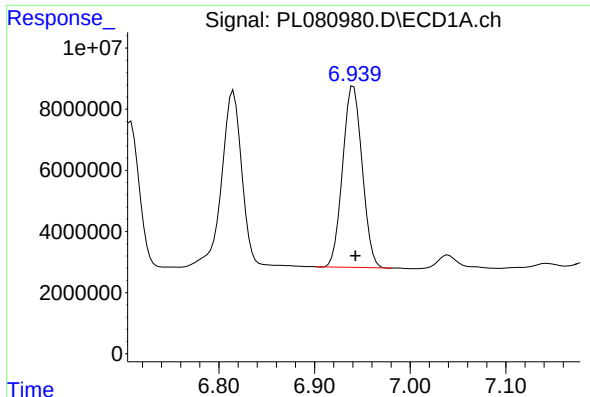
#18 Endrin aldehyde

R.T.: 6.708 min
Delta R.T.: -0.001 min
Response: 69408627
Conc: 41.73 ng/ml



#18 Endrin aldehyde

R.T.: 6.021 min
Delta R.T.: -0.007 min
Response: 71098575
Conc: 38.93 ng/ml



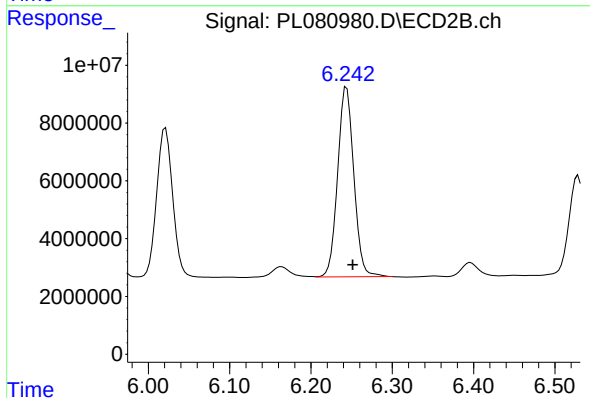
#19 Endosulfan Sulfate

R.T.: 6.941 min
Delta R.T.: -0.002 min
Response: 84376545
Conc: 40.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200028MSD

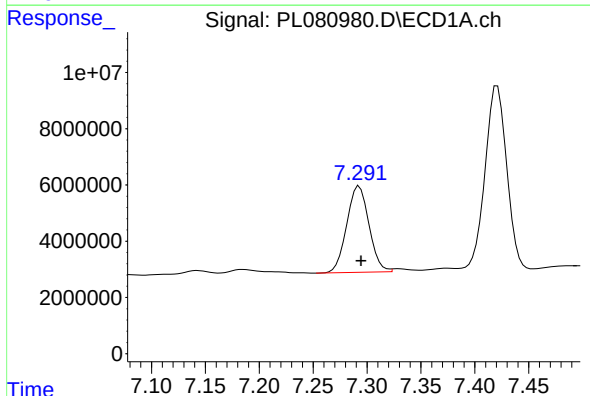
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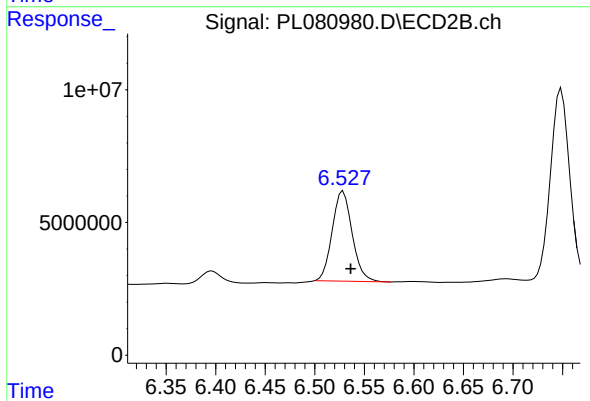
#19 Endosulfan Sulfate

R.T.: 6.244 min
Delta R.T.: -0.007 min
Response: 90912477
Conc: 39.09 ng/ml



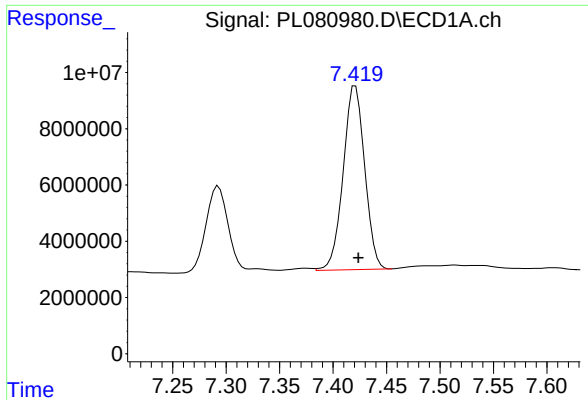
#20 Methoxychlor

R.T.: 7.293 min
Delta R.T.: -0.002 min
Response: 43996785
Conc: 39.88 ng/ml



#20 Methoxychlor

R.T.: 6.529 min
Delta R.T.: -0.008 min
Response: 47550551
Conc: 39.19 ng/ml



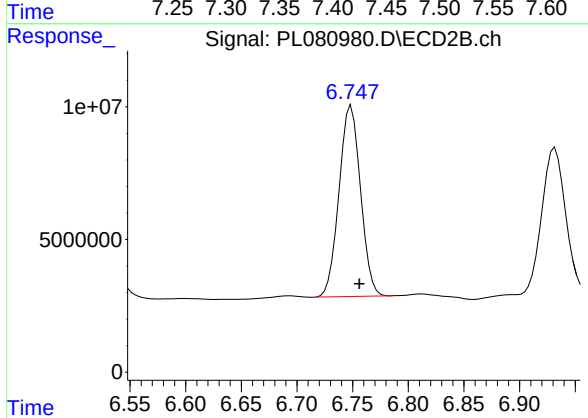
#21 Endrin ketone

R.T.: 7.421 min
Delta R.T.: -0.003 min
Response: 91479364
Conc: 41.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200028MSD

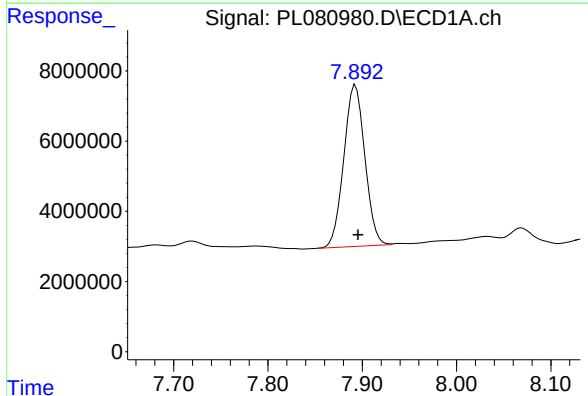
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APPROVED

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Supervised By :Ankita Jodhani 02/17/2023



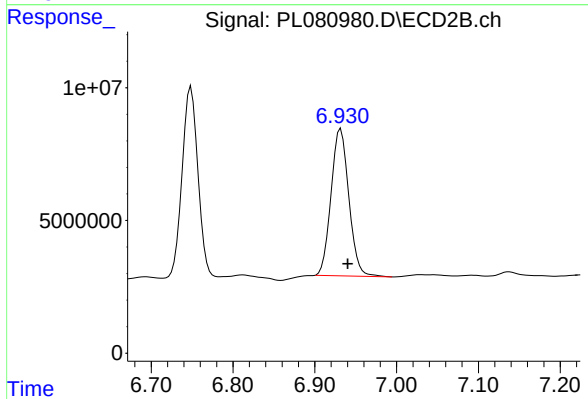
#21 Endrin ketone

R.T.: 6.749 min
Delta R.T.: -0.007 min
Response: 96545778
Conc: 37.81 ng/ml



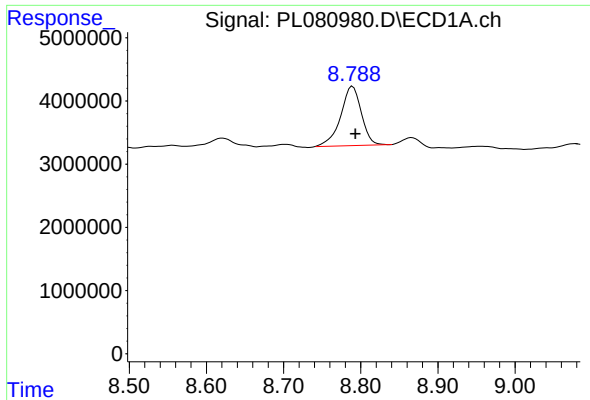
#22 Mirex

R.T.: 7.893 min
Delta R.T.: -0.003 min
Response: 71478778
Conc: 41.56 ng/ml



#22 Mirex

R.T.: 6.932 min
Delta R.T.: -0.008 min
Response: 83651083
Conc: 36.74 ng/ml



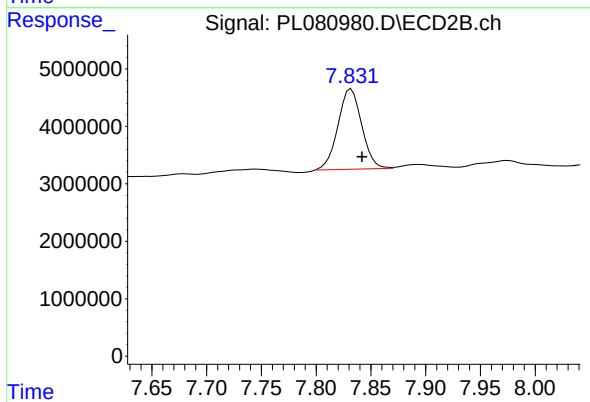
#28 Decachlorobiphenyl

R.T.: 8.790 min
Delta R.T.: -0.004 min
Response: 17536858
Conc: 10.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200028MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.832 min
Delta R.T.: -0.010 min
Response: 21093915
Conc: 8.85 ng/ml