

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012523\
 Data File : PL080531.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jan 2023 14:55
 Operator : AR\AJ
 Sample : 01283-04MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MH-10MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/26/2023
 Supervised By :Ankita Jodhani 01/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 25 21:02:17 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...	3.350	2.689	34447901	35067441	16.061m	15.965
28)	SA Decachlor...	8.787	7.836	26857780	32410232	15.341	13.603
Target Compounds							
2)	A alpha-BHC	3.799	3.190	137.4E6	129.4E6	43.357	40.674
3)	MA gamma-BHC...	4.128	3.519	126.9E6	120.7E6	43.176	40.391
4)	MA Heptachlor	4.711	3.859	123.5E6	123.0E6	41.784	38.654
5)	MB Aldrin	5.050	4.139	118.7E6	120.4E6	43.391	40.804
6)	B beta-BHC	4.323	3.814	56048598	52887310	41.061	39.627
7)	B delta-BHC	4.566	4.044	126.8E6	118.1E6	43.808	40.949
8)	B Heptachlo...	5.474	4.641	107.6E6	110.1E6	41.594	39.563
9)	A Endosulfan I	5.855	5.010	97446022	98718910	41.265	37.949
10)	B gamma-Chl...	5.728	4.890	107.2E6	110.4E6	42.446	38.954m
11)	B alpha-Chl...	5.807	4.956	105.6E6	108.3E6	41.838	37.789
12)	B 4,4'-DDE	5.986	5.148	93994097	94591801	42.200	40.101
13)	MA Dieldrin	6.130	5.275	102.5E6	107.0E6	42.836	39.540
14)	MA Endrin	6.357	5.549	90157821	94380349	41.688	40.661
15)	B Endosulfa...	6.575	5.844	87252880	91092237	38.063	43.716
16)	A 4,4'-DDD	6.499	5.702	78629267	77633778	42.920	41.312
17)	MA 4,4'-DDT	6.812	5.954	77685743	76214422	37.391	36.267
18)	B Endrin al...	6.705	6.023	72841379	76257893	43.790	41.760
19)	B Endosulfa...	6.939	6.247	86047155	91077654	41.570	39.162
20)	A Methoxychlor	7.290	6.532	42695993	45208622	38.699	37.256
21)	B Endrin ke...	7.419	6.751	92056853	101.3E6	41.724	39.687
22)	Mirex	7.890	6.935	73611190	88131891	42.802	38.710

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012523\
Data File : PL080531.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jan 2023 14:55
Operator : AR\AJ
Sample : 01283-04MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

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Manual Integrations

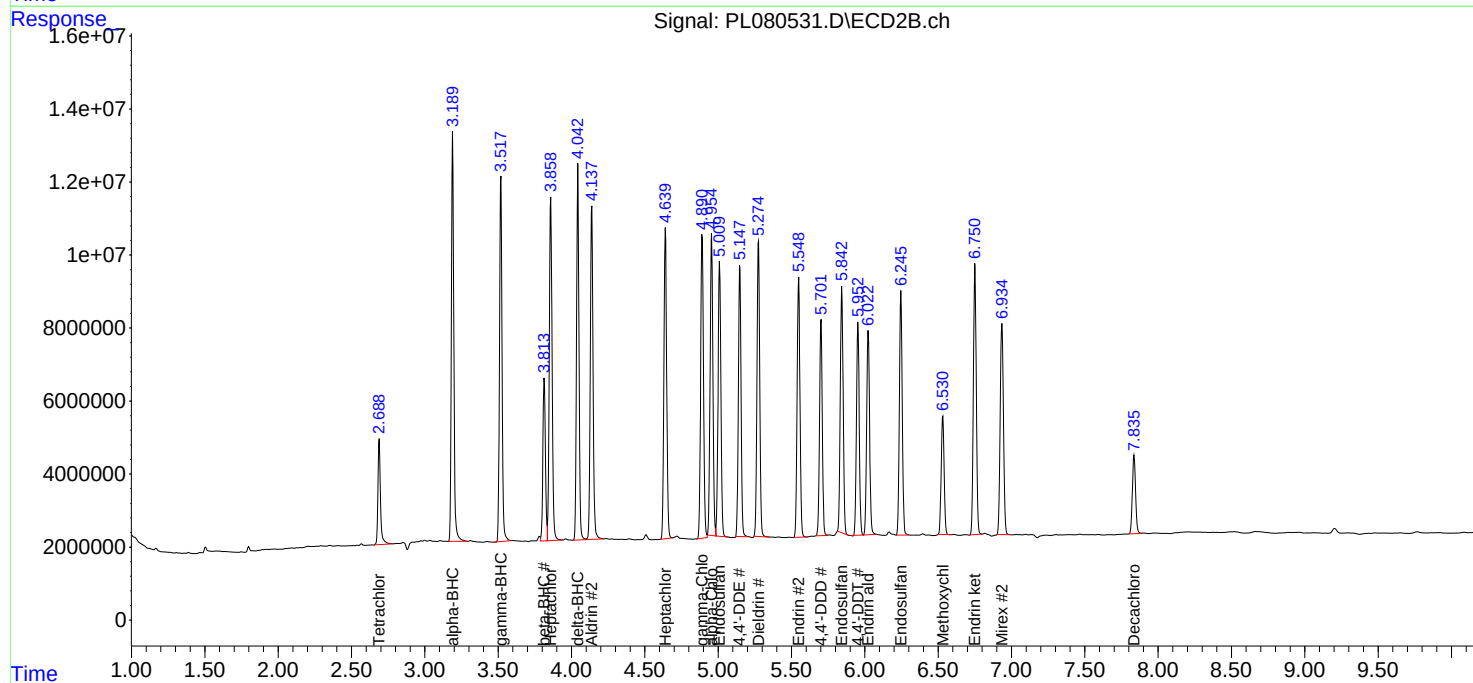
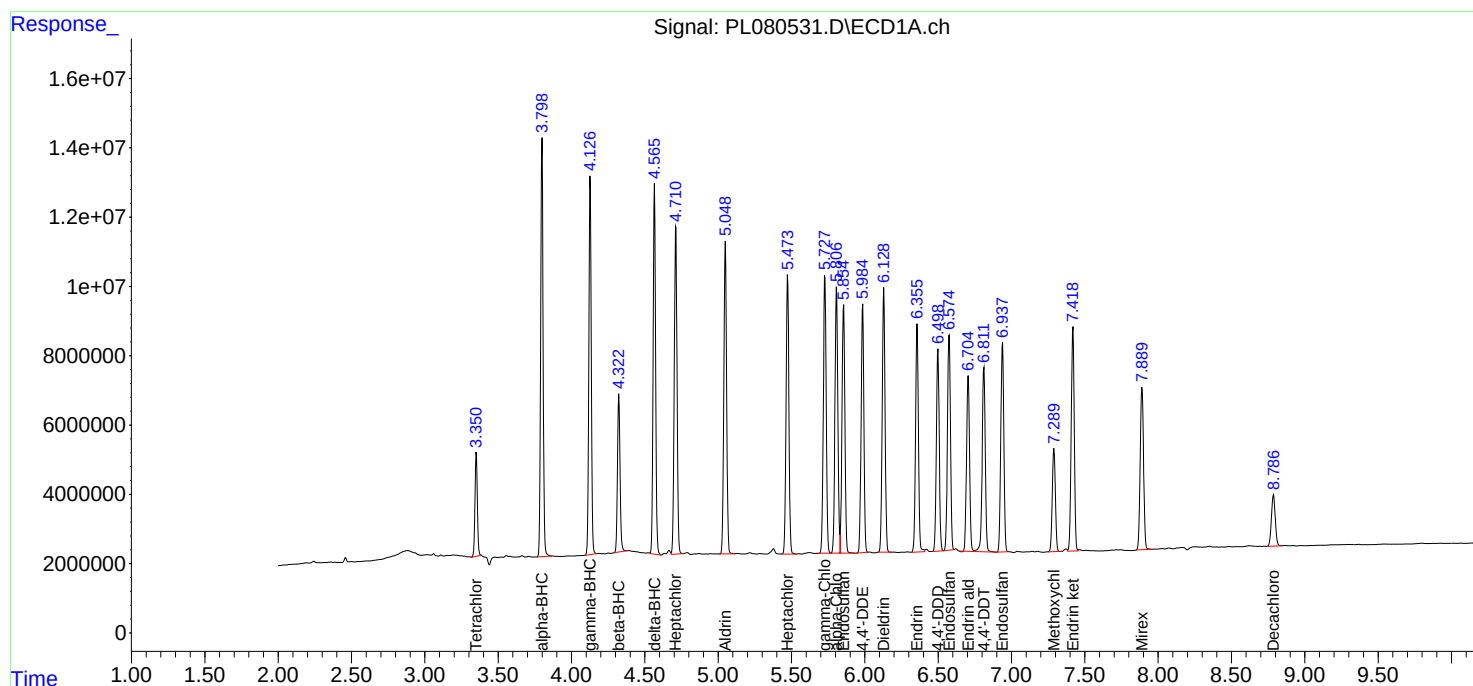
APPROVED

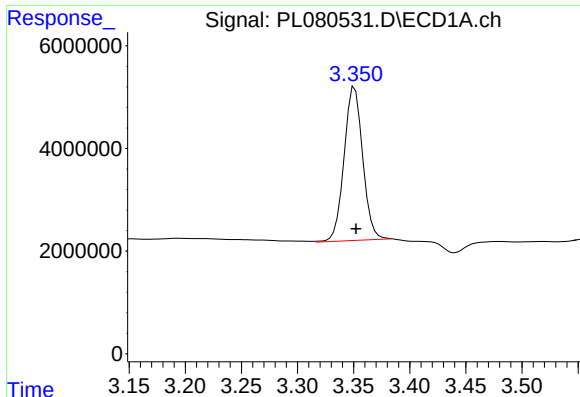
Reviewed By :Abdul Mirza 01/26/2023

Supervised By :Ankita Jodhani 01/26/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 25 21:02:17 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





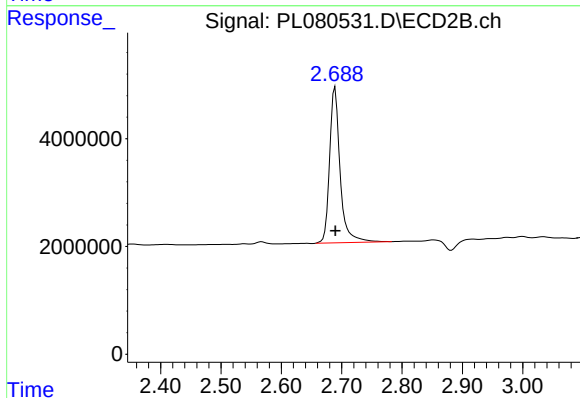
#1 Tetrachloro-m-xylene

R.T.: 3.350 min
Delta R.T.: -0.002 min
Response: 34447901
Conc: 16.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-10MS

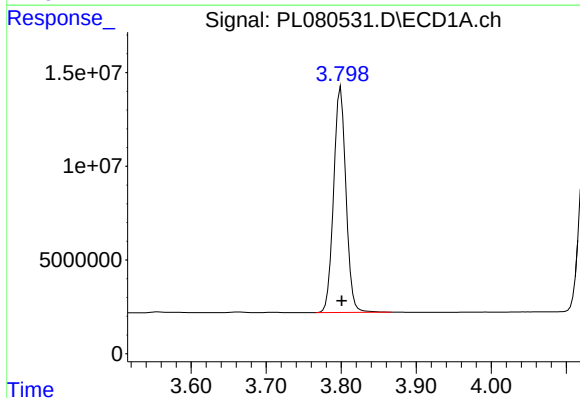
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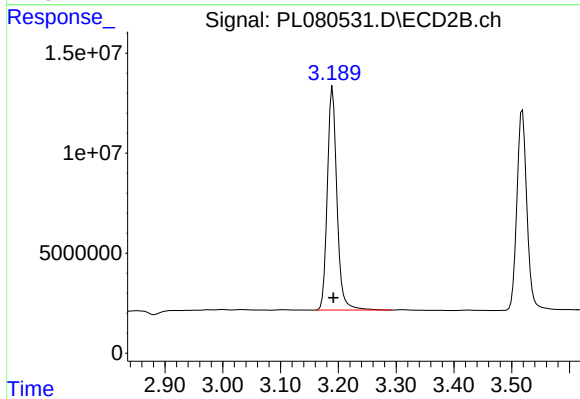
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 35067441
Conc: 15.97 ng/ml



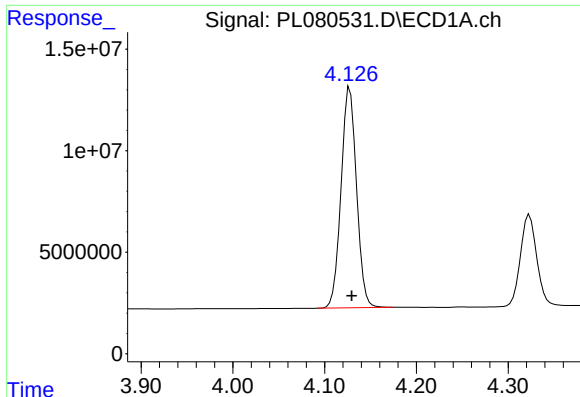
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: -0.001 min
Response: 137355508
Conc: 43.36 ng/ml



#2 alpha-BHC

R.T.: 3.190 min
Delta R.T.: -0.001 min
Response: 129361175
Conc: 40.67 ng/ml



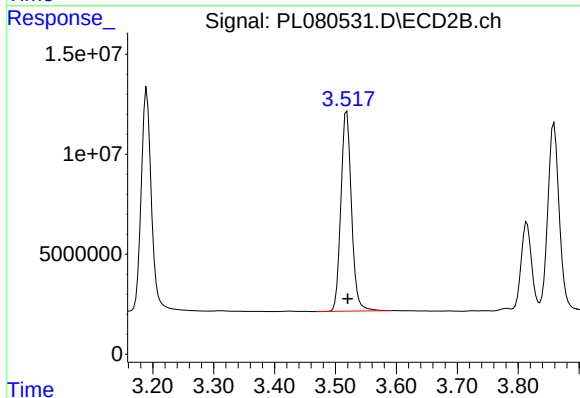
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: -0.002 min
Response: 126926909
Conc: 43.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-10MS

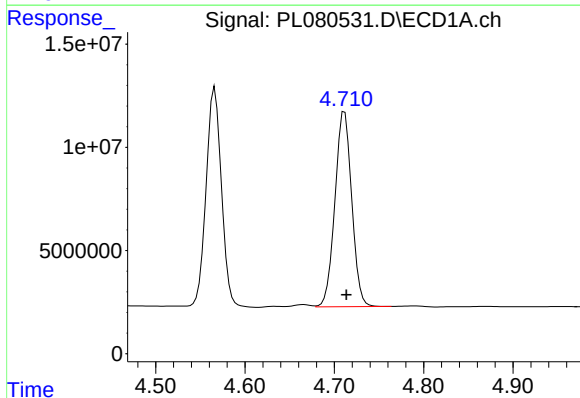
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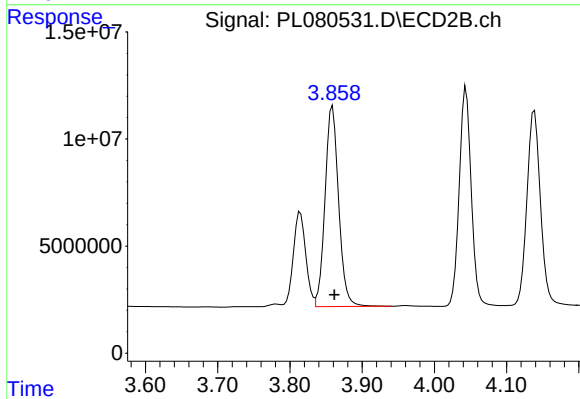
#3 gamma-BHC (Lindane)

R.T.: 3.519 min
Delta R.T.: -0.002 min
Response: 120660674
Conc: 40.39 ng/ml



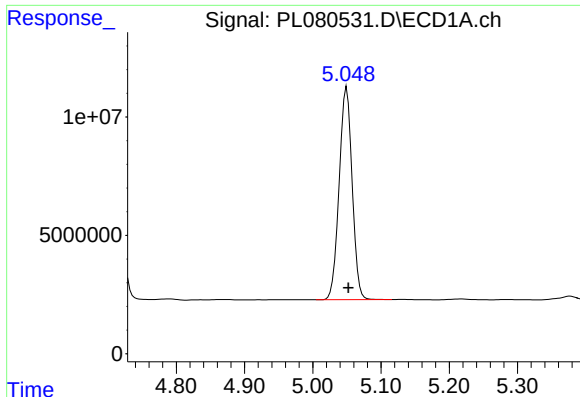
#4 Heptachlor

R.T.: 4.711 min
Delta R.T.: -0.002 min
Response: 123480377
Conc: 41.78 ng/ml



#4 Heptachlor

R.T.: 3.859 min
Delta R.T.: -0.003 min
Response: 123011134
Conc: 38.65 ng/ml



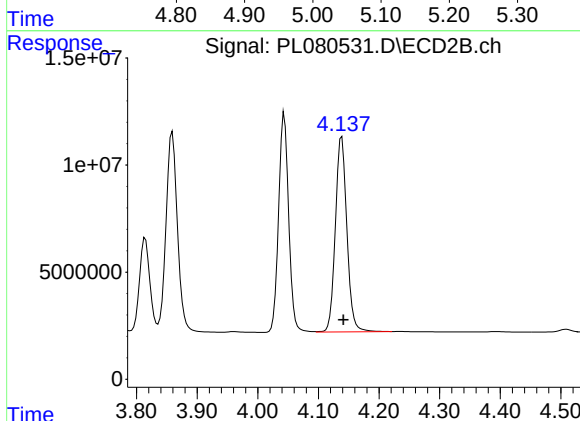
#5 Aldrin

R.T.: 5.050 min
Delta R.T.: -0.003 min
Response: 118707428
Conc: 43.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-10MS

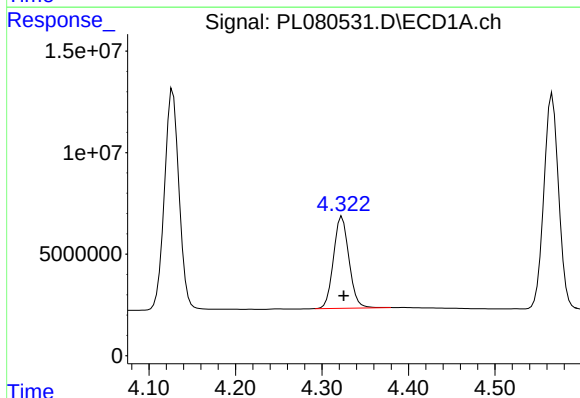
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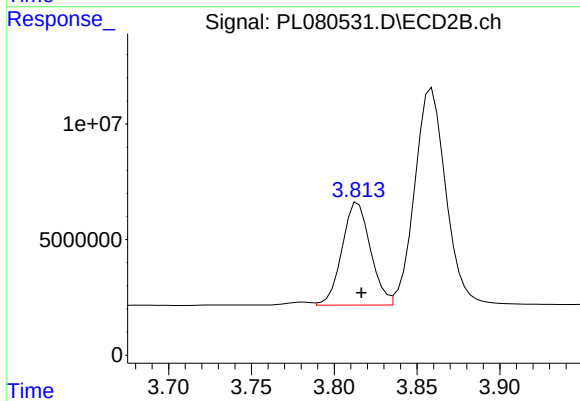
#5 Aldrin

R.T.: 4.139 min
Delta R.T.: -0.003 min
Response: 120354226
Conc: 40.80 ng/ml



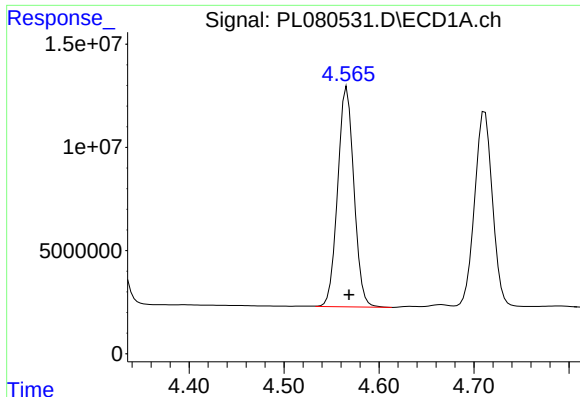
#6 beta-BHC

R.T.: 4.323 min
Delta R.T.: -0.002 min
Response: 56048598
Conc: 41.06 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.002 min
Response: 52887310
Conc: 39.63 ng/ml



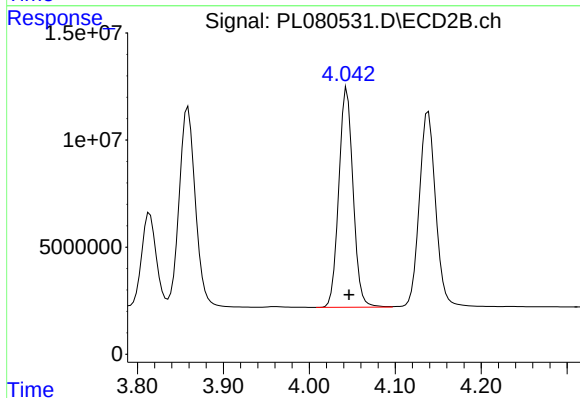
#7 delta-BHC

R.T.: 4.566 min
Delta R.T.: -0.002 min
Response: 126824180
Conc: 43.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-10MS

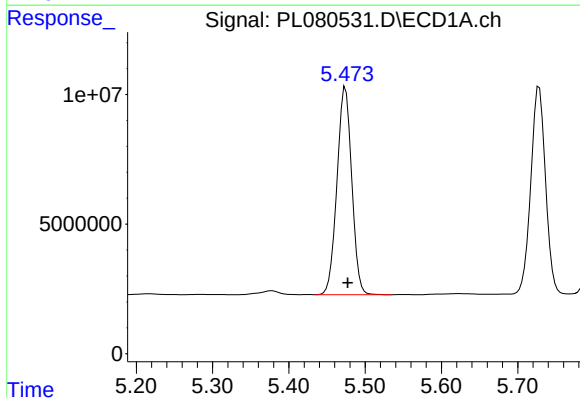
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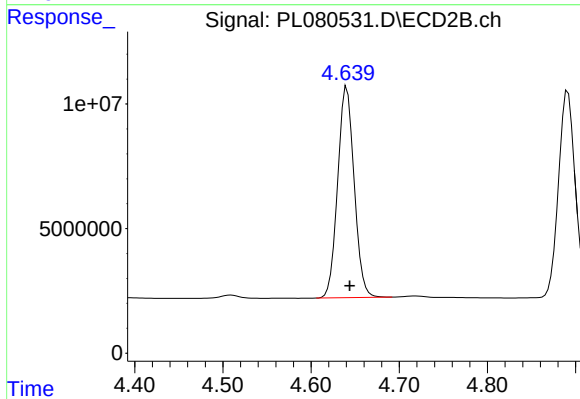
#7 delta-BHC

R.T.: 4.044 min
Delta R.T.: -0.003 min
Response: 118114263
Conc: 40.95 ng/ml



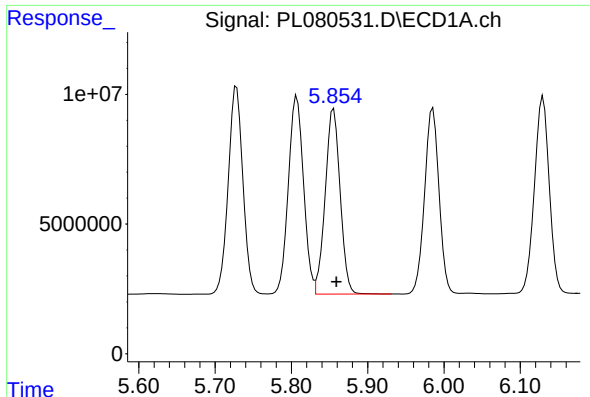
#8 Heptachlor epoxide

R.T.: 5.474 min
Delta R.T.: -0.003 min
Response: 107606713
Conc: 41.59 ng/ml



#8 Heptachlor epoxide

R.T.: 4.641 min
Delta R.T.: -0.003 min
Response: 110078562
Conc: 39.56 ng/ml



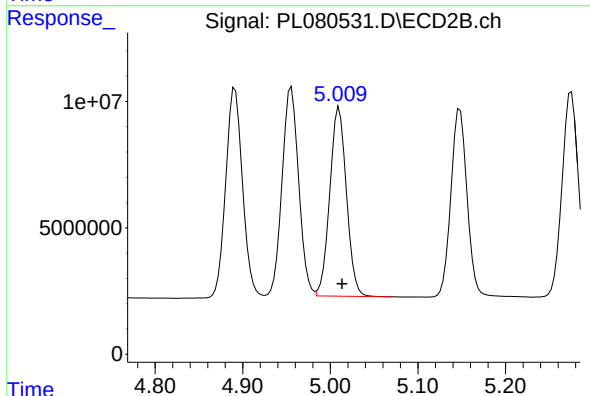
#9 Endosulfan I

R.T.: 5.855 min
Delta R.T.: -0.004 min
Response: 97446022
Conc: 41.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-10MS

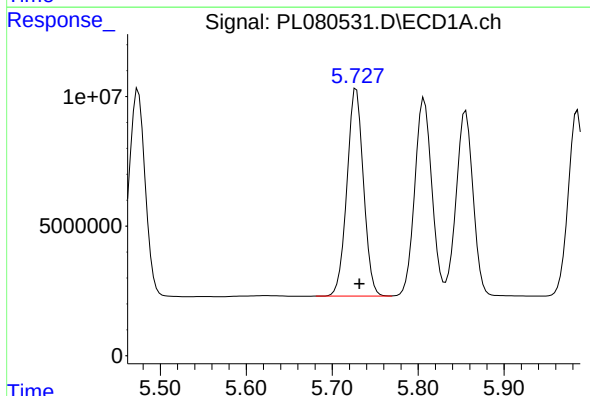
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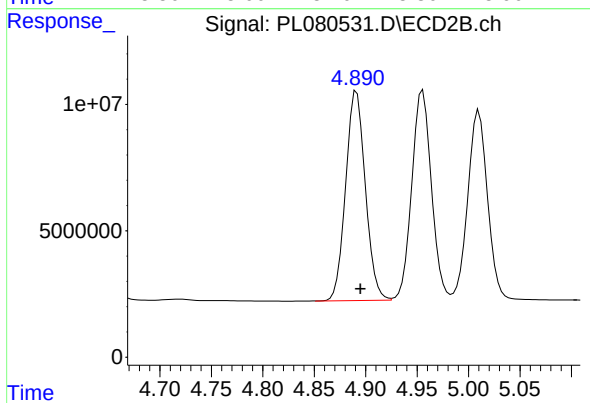
#9 Endosulfan I

R.T.: 5.010 min
Delta R.T.: -0.003 min
Response: 98718910
Conc: 37.95 ng/ml



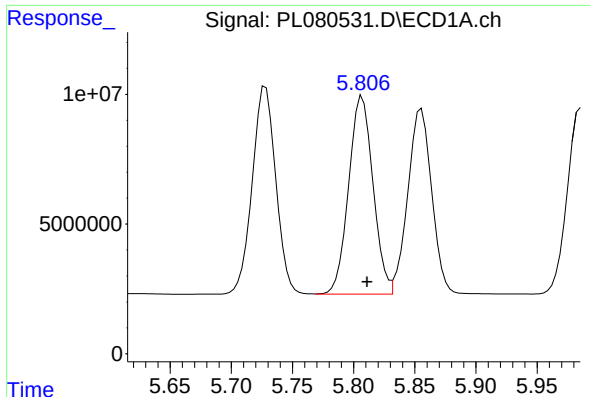
#10 gamma-Chlordane

R.T.: 5.728 min
Delta R.T.: -0.004 min
Response: 107207690
Conc: 42.45 ng/ml



#10 gamma-Chlordane

R.T.: 4.890 min
Delta R.T.: -0.005 min
Response: 110404474
Conc: 38.95 ng/ml m



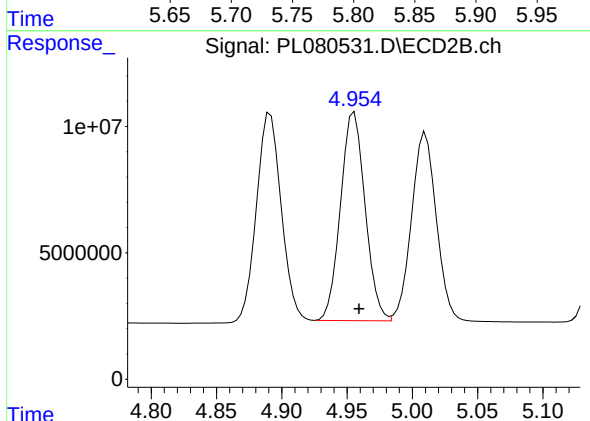
#11 alpha-Chlordane

R.T.: 5.807 min
Delta R.T.: -0.004 min
Response: 105609516
Conc: 41.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-10MS

Manual Integrations
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#11 alpha-Chlordane

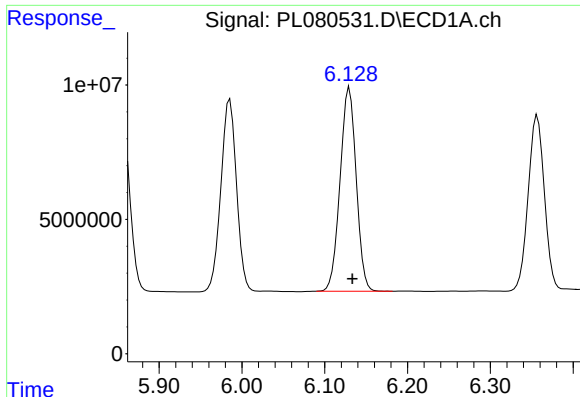
R.T.: 4.956 min
Delta R.T.: -0.004 min
Response: 108252265
Conc: 37.79 ng/ml

#12 4,4'-DDE

R.T.: 5.986 min
Delta R.T.: -0.003 min
Response: 93994097
Conc: 42.20 ng/ml

#12 4,4'-DDE

R.T.: 5.148 min
Delta R.T.: -0.004 min
Response: 94591801
Conc: 40.10 ng/ml



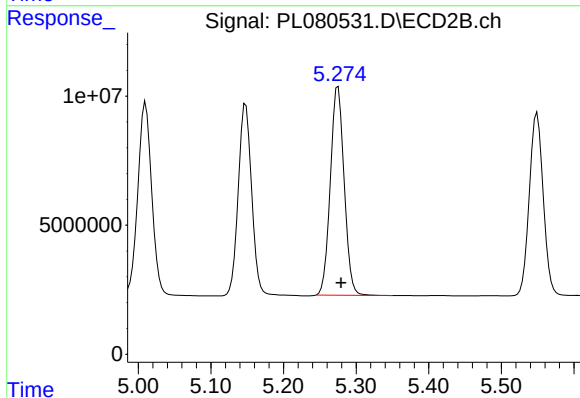
#13 Dieldrin

R.T.: 6.130 min
Delta R.T.: -0.004 min
Response: 102521464
Conc: 42.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-10MS

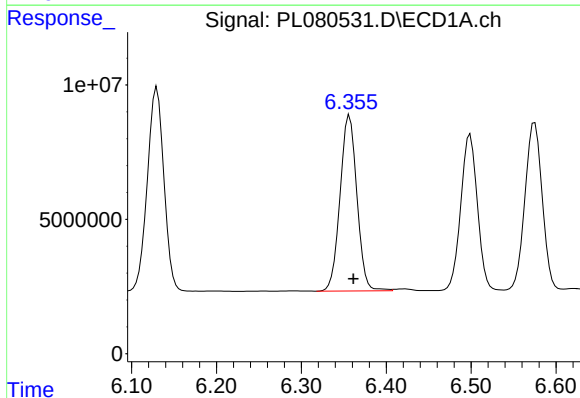
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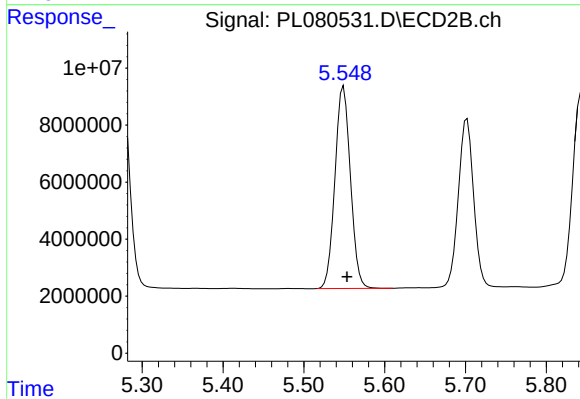
#13 Dieldrin

R.T.: 5.275 min
Delta R.T.: -0.004 min
Response: 106955586
Conc: 39.54 ng/ml



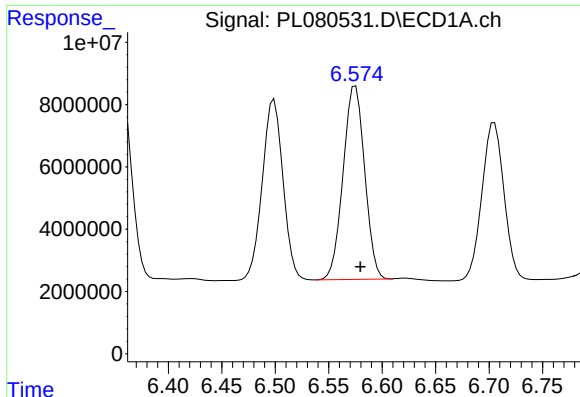
#14 Endrin

R.T.: 6.357 min
Delta R.T.: -0.004 min
Response: 90157821
Conc: 41.69 ng/ml



#14 Endrin

R.T.: 5.549 min
Delta R.T.: -0.004 min
Response: 94380349
Conc: 40.66 ng/ml



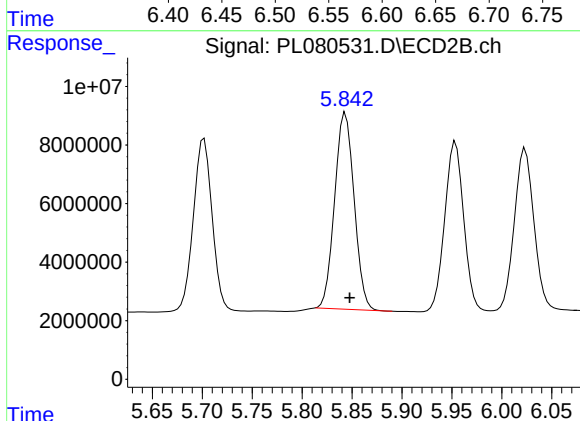
#15 Endosulfan II

R.T.: 6.575 min
Delta R.T.: -0.005 min
Response: 87252880
Conc: 38.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-10MS

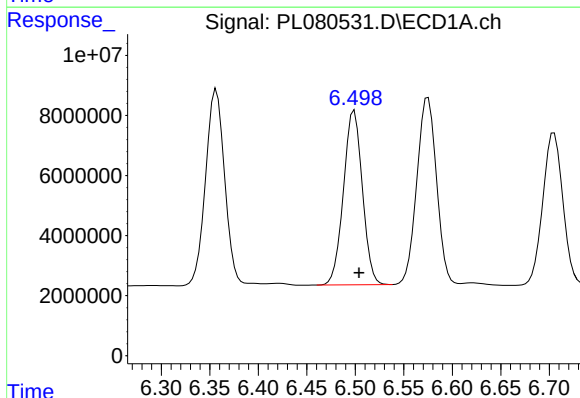
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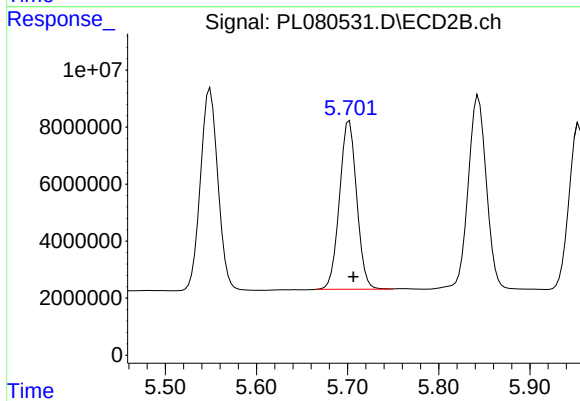
#15 Endosulfan II

R.T.: 5.844 min
Delta R.T.: -0.004 min
Response: 91092237
Conc: 43.72 ng/ml



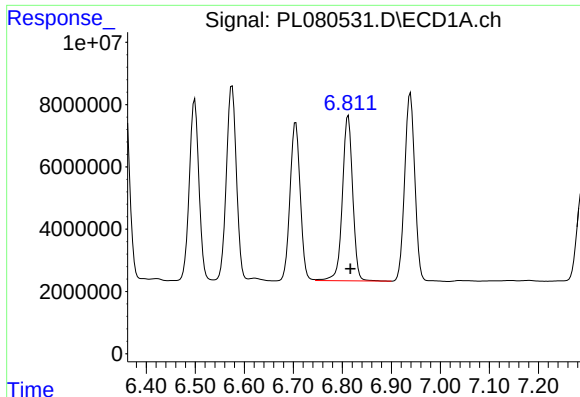
#16 4,4'-DDD

R.T.: 6.499 min
Delta R.T.: -0.005 min
Response: 78629267
Conc: 42.92 ng/ml



#16 4,4'-DDD

R.T.: 5.702 min
Delta R.T.: -0.004 min
Response: 77633778
Conc: 41.31 ng/ml



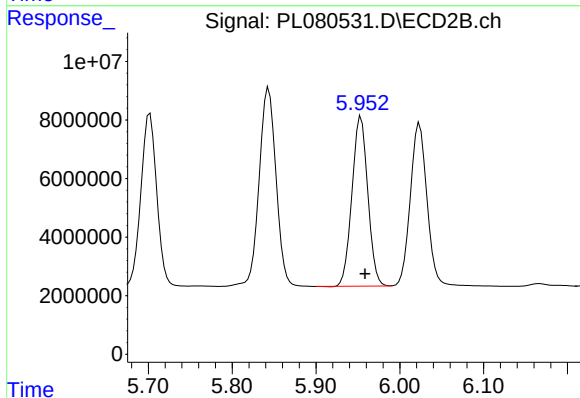
#17 4,4'-DDT

R.T.: 6.812 min
Delta R.T.: -0.004 min
Response: 77685743
Conc: 37.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-10MS

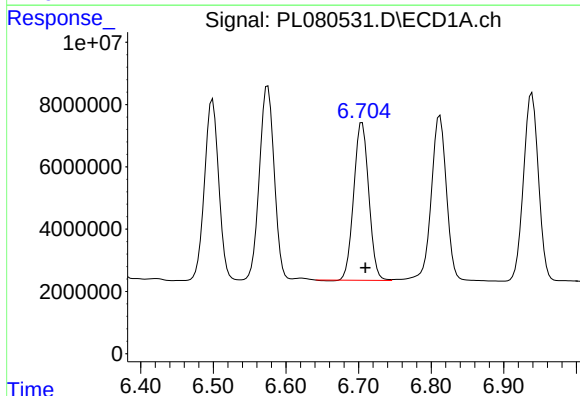
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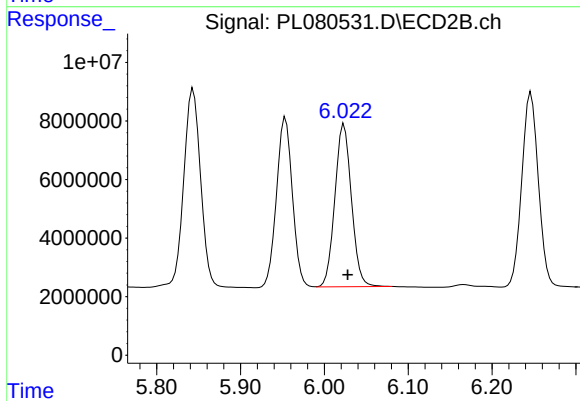
#17 4,4'-DDT

R.T.: 5.954 min
Delta R.T.: -0.005 min
Response: 76214422
Conc: 36.27 ng/ml



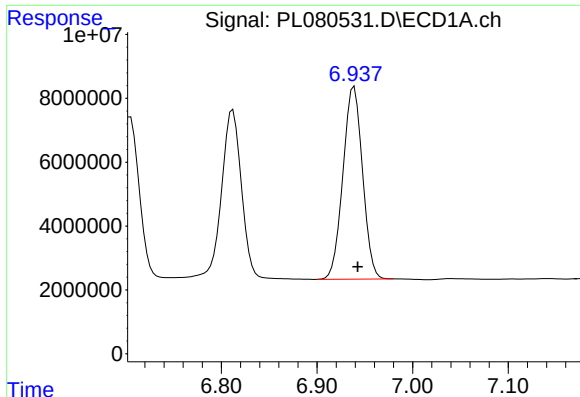
#18 Endrin aldehyde

R.T.: 6.705 min
Delta R.T.: -0.004 min
Response: 72841379
Conc: 43.79 ng/ml



#18 Endrin aldehyde

R.T.: 6.023 min
Delta R.T.: -0.004 min
Response: 76257893
Conc: 41.76 ng/ml



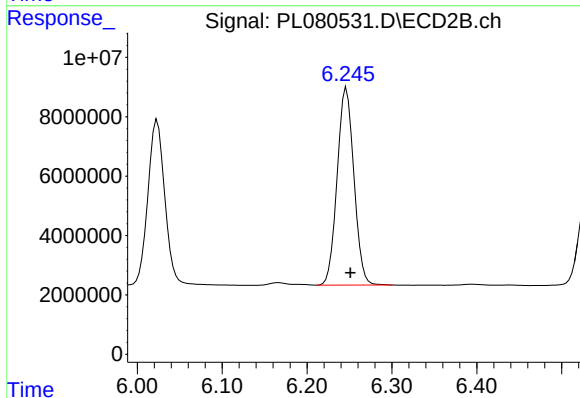
#19 Endosulfan Sulfate

R.T.: 6.939 min
Delta R.T.: -0.004 min
Response: 86047155
Conc: 41.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-10MS

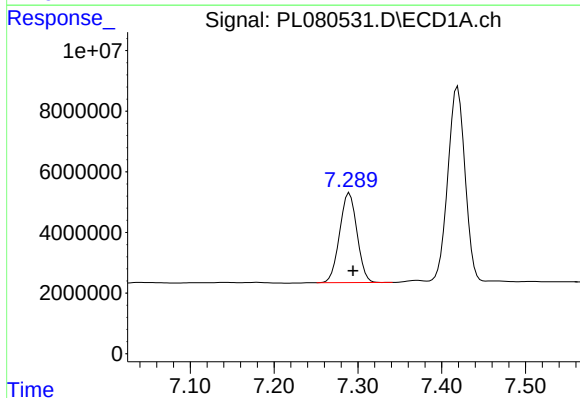
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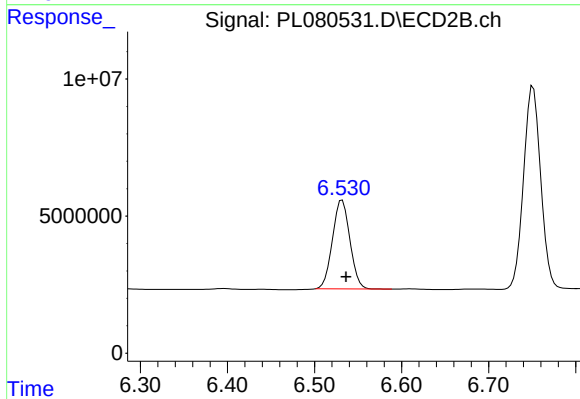
#19 Endosulfan Sulfate

R.T.: 6.247 min
Delta R.T.: -0.005 min
Response: 91077654
Conc: 39.16 ng/ml



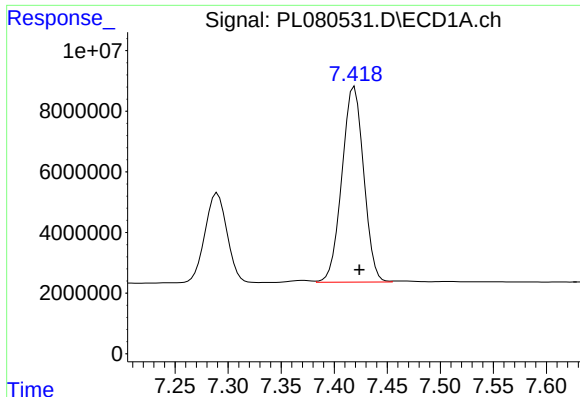
#20 Methoxychlor

R.T.: 7.290 min
Delta R.T.: -0.004 min
Response: 42695993
Conc: 38.70 ng/ml



#20 Methoxychlor

R.T.: 6.532 min
Delta R.T.: -0.004 min
Response: 45208622
Conc: 37.26 ng/ml



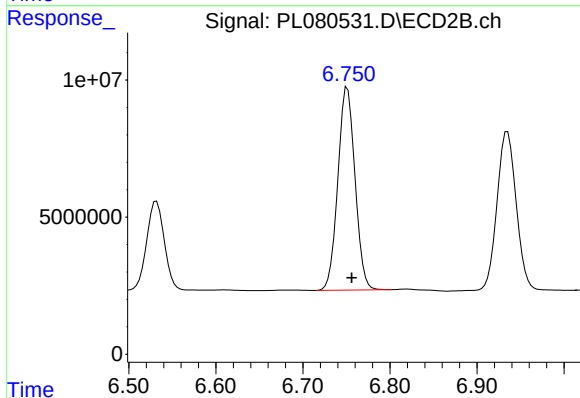
#21 Endrin ketone

R.T.: 7.419 min
Delta R.T.: -0.005 min
Response: 92056853
Conc: 41.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-10MS

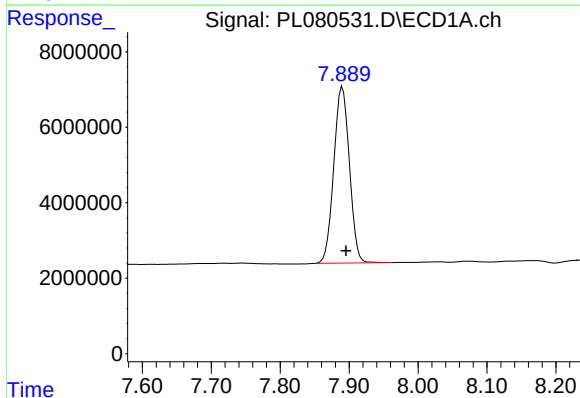
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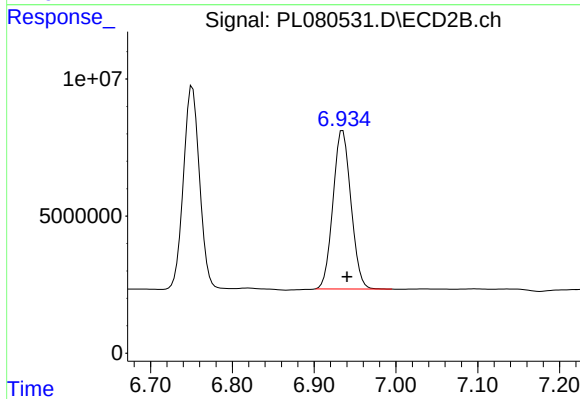
#21 Endrin ketone

R.T.: 6.751 min
Delta R.T.: -0.005 min
Response: 101329072
Conc: 39.69 ng/ml



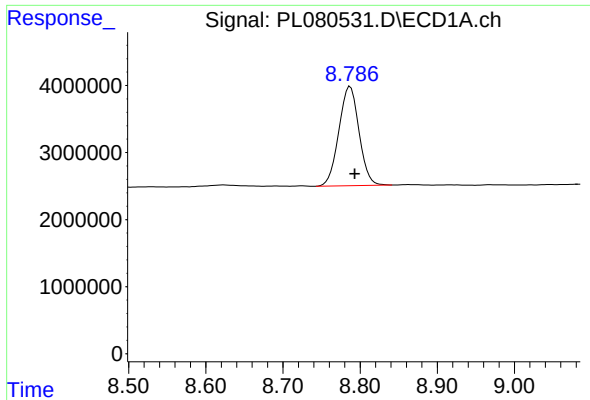
#22 Mirex

R.T.: 7.890 min
Delta R.T.: -0.005 min
Response: 73611190
Conc: 42.80 ng/ml



#22 Mirex

R.T.: 6.935 min
Delta R.T.: -0.005 min
Response: 88131891
Conc: 38.71 ng/ml



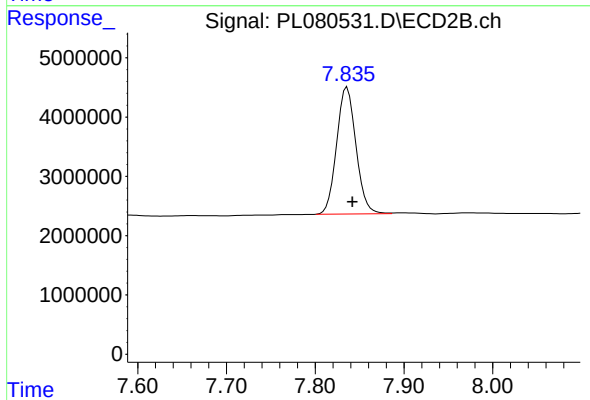
#28 Decachlorobiphenyl

R.T.: 8.787 min
Delta R.T.: -0.006 min
Response: 26857780
Conc: 15.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-10MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/26/2023
Supervised By :Ankita Jodhani 01/26/2023



#28 Decachlorobiphenyl

R.T.: 7.836 min
Delta R.T.: -0.006 min
Response: 32410232
Conc: 13.60 ng/ml