

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081122\
 Data File : PL077034.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Aug 2022 14:59
 Operator : AR\AJ
 Sample : N4143-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RB-21204MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/12/2022
 Supervised By :Ankita Jodhani 08/12/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 23:10:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080822.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 09 09:13:15 2022
 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...	3.420	2.638	8105826	22585007	8.267	7.890
28)	SA Decachlor...	8.920	7.745	11605034	28491783	15.372	12.656
Target Compounds							
2)	A alpha-BHC	3.885	3.132	44606815	109.5E6	32.224	25.817
3)	MA gamma-BHC...	4.220	3.457	39540624	102.2E6	30.922m	26.787
4)	MA Heptachlor	4.798	3.790	41354569	121.1E6	33.659	33.761
5)	MB Aldrin	5.135	4.065	60358749	104.0E6	53.197	29.353 #
6)	B beta-BHC	4.433	3.756	17352808	41055640	30.915	26.276
7)	B delta-BHC	4.676	3.979	38368921	97572535	34.461	25.530 #
8)	B Heptachlo...	5.569	4.563	158.8E6	241.7E6	157.284m	79.530m#
9)	A Endosulfan I	5.955	4.927	37837936	147.7E6	41.310	54.036 #
10)	B gamma-Chl...	5.827	4.814	481.4E6	893.8E6	480.308	293.385 #
11)	B alpha-Chl...	5.905	4.877	739.6E6	1349.9E6	741.064	453.300 #
12)	B 4,4'-DDE	6.081	5.071	59139968	150.7E6	67.778m	52.216
13)	MA Dieldrin	6.235	5.194	124.2E6	316.3E6	127.907	105.442
14)	MA Endrin	6.467	5.470	27283256	138.2E6	33.524	54.410 #
15)	B Endosulfa...	6.695	5.765	37941099	410.2E6	44.233	156.606 #
16)	A 4,4'-DDD	6.609	5.623	46348269	70875860	60.838	31.454 #
17)	MA 4,4'-DDT	6.919	5.872	154.4E6	350.8E6	200.909	154.741
18)	B Endrin al...	6.826	5.941	31388591	45175580	43.534	22.977m#
19)	B Endosulfa...	7.059	6.165	37330707	88571393	45.152	38.391
20)	A Methoxychlor	7.399	6.450	27779837	51022262	62.583	42.419 #
21)	B Endrin ke...	7.548	6.665	50928817	86002095	56.219	33.809 #
22)	Mirex	8.006	6.841	48453204	68568921	68.963	35.839 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081122\
Data File : PL077034.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Aug 2022 14:59
Operator : AR\AJ
Sample : N4143-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

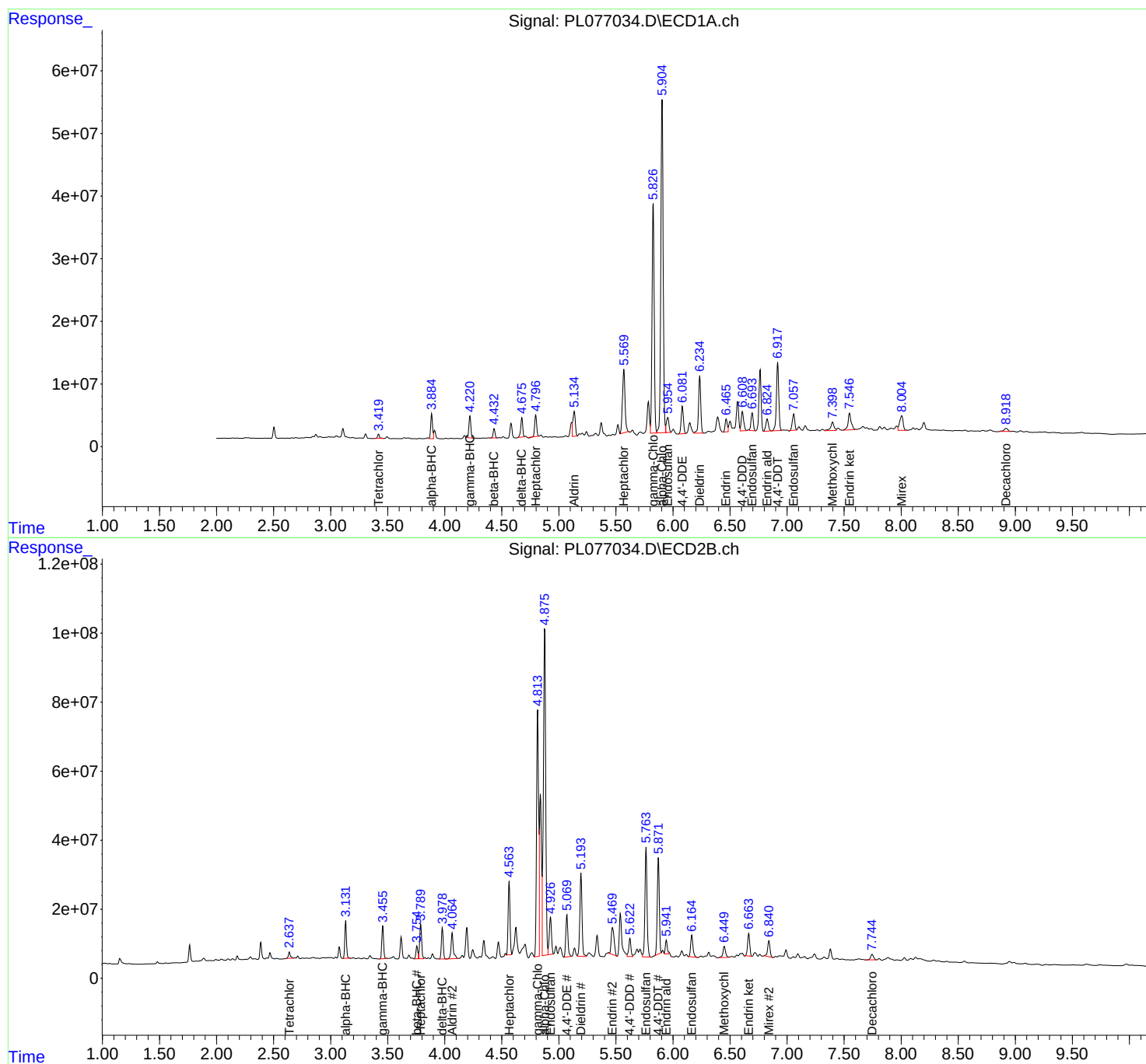
Instrument :
ECD_L
ClientSampleId :
RB-21204MS

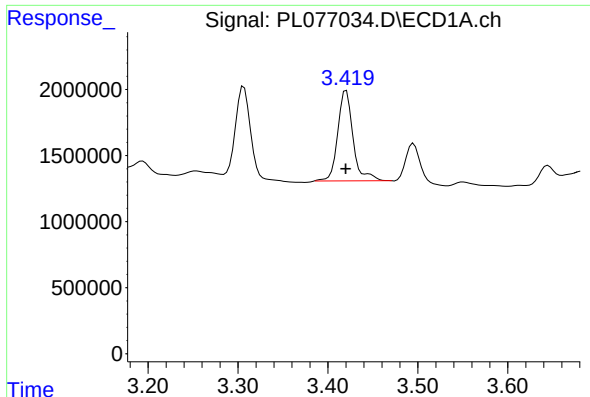
Manual Integrations
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Supervised By :Ankita Jodhani 08/12/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 23:10:27 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080822.M
Quant Title : GC Extractables
QLast Update : Tue Aug 09 09:13:15 2022
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





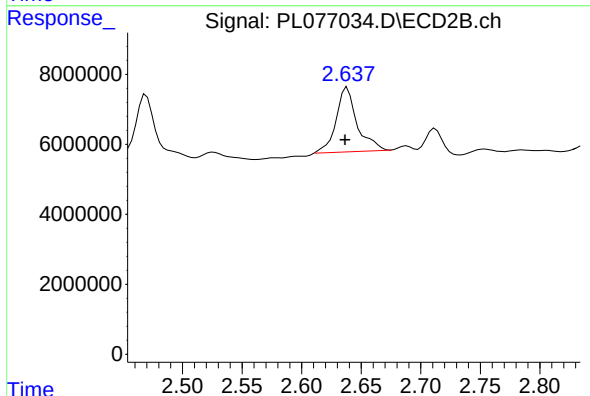
#1 Tetrachloro-m-xylene

R.T.: 3.420 min
Delta R.T.: 0.000 min
Response: 8105826
Conc: 8.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
RB-21204MS

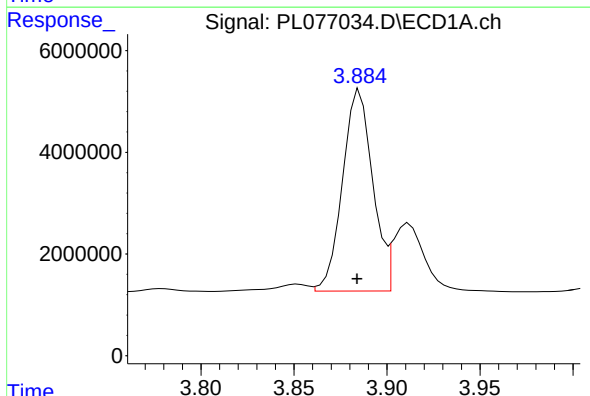
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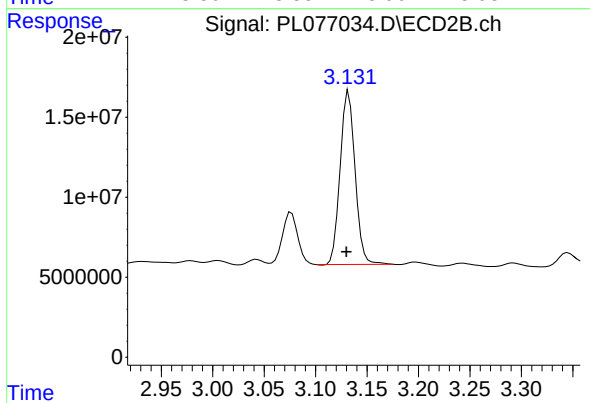
#1 Tetrachloro-m-xylene

R.T.: 2.638 min
Delta R.T.: 0.002 min
Response: 22585007
Conc: 7.89 ng/ml



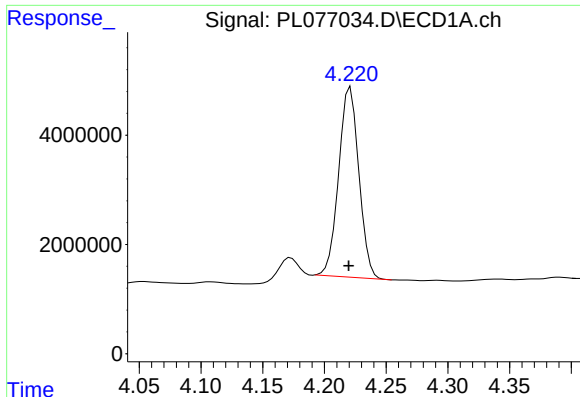
#2 alpha-BHC

R.T.: 3.885 min
Delta R.T.: 0.001 min
Response: 44606815
Conc: 32.22 ng/ml



#2 alpha-BHC

R.T.: 3.132 min
Delta R.T.: 0.002 min
Response: 109486192
Conc: 25.82 ng/ml



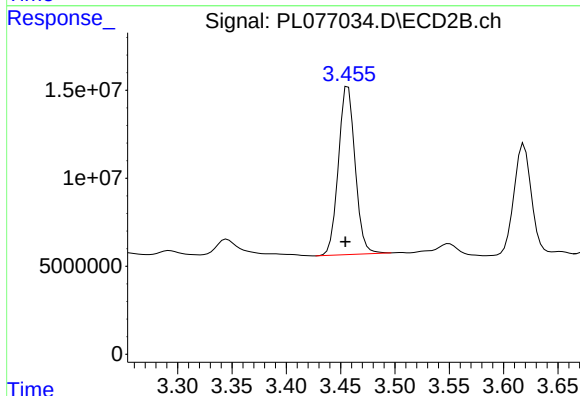
#3 gamma-BHC (Lindane)

R.T.: 4.220 min
Delta R.T.: 0.000 min
Response: 39540624
Conc: 30.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
RB-21204MS

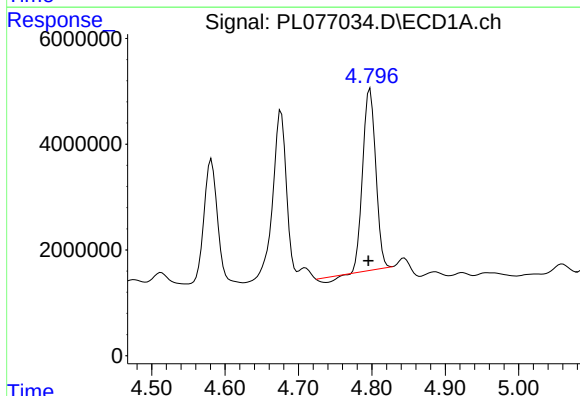
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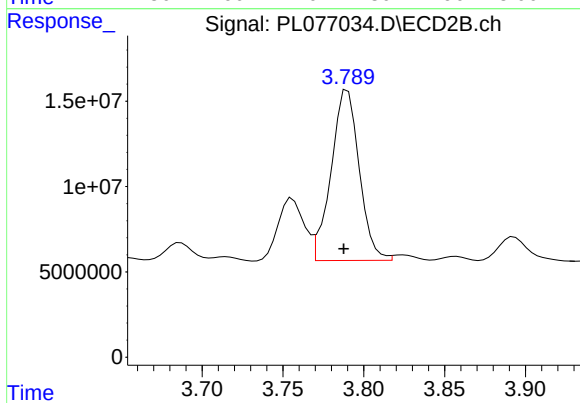
#3 gamma-BHC (Lindane)

R.T.: 3.457 min
Delta R.T.: 0.002 min
Response: 102198072
Conc: 26.79 ng/ml



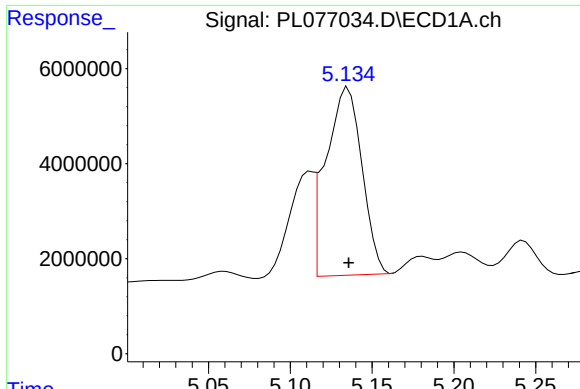
#4 Heptachlor

R.T.: 4.798 min
Delta R.T.: 0.002 min
Response: 41354569
Conc: 33.66 ng/ml



#4 Heptachlor

R.T.: 3.790 min
Delta R.T.: 0.002 min
Response: 121146024
Conc: 33.76 ng/ml



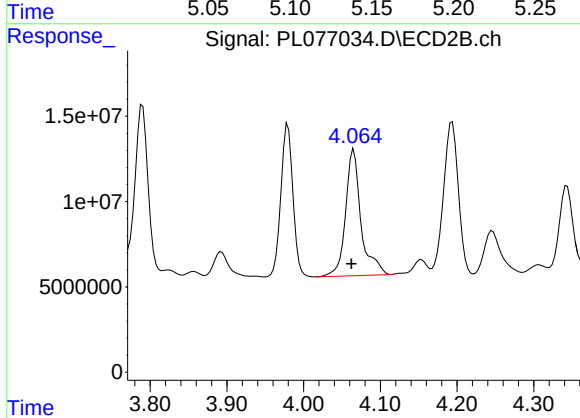
#5 Aldrin

R.T.: 5.135 min
Delta R.T.: 0.000 min
Response: 60358749
Conc: 53.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
RB-21204MS

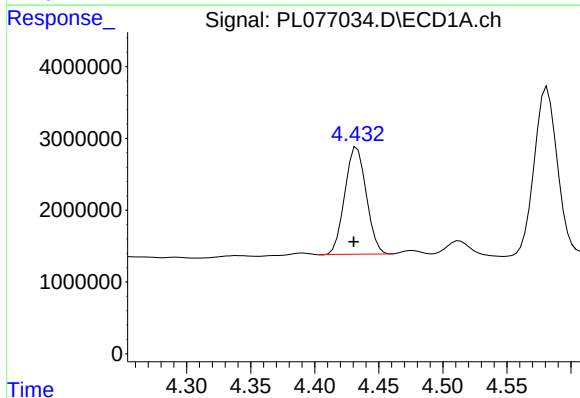
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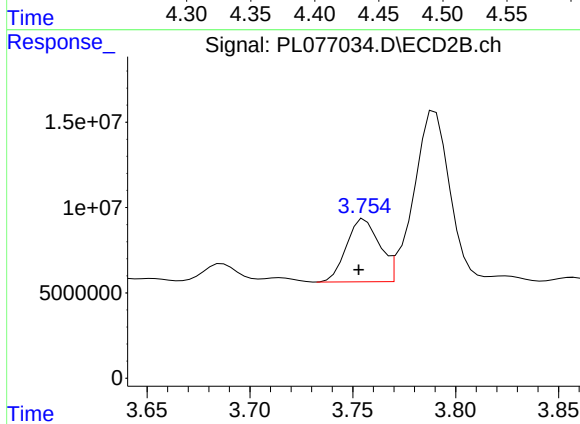
#5 Aldrin

R.T.: 4.065 min
Delta R.T.: 0.003 min
Response: 103994743
Conc: 29.35 ng/ml



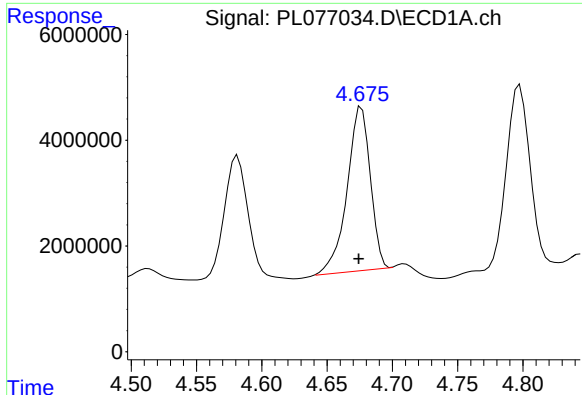
#6 beta-BHC

R.T.: 4.433 min
Delta R.T.: 0.002 min
Response: 17352808
Conc: 30.91 ng/ml



#6 beta-BHC

R.T.: 3.756 min
Delta R.T.: 0.003 min
Response: 41055640
Conc: 26.28 ng/ml



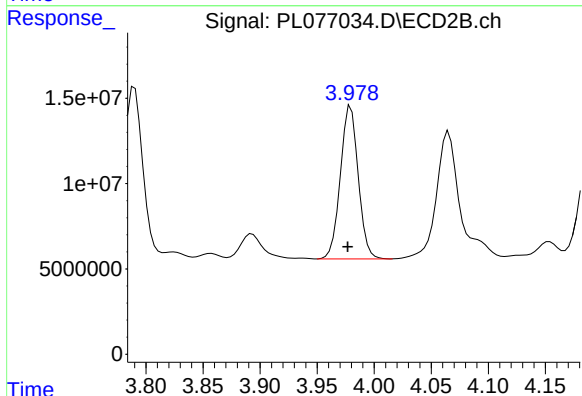
#7 delta-BHC

R.T.: 4.676 min
Delta R.T.: 0.002 min
Response: 38368921
Conc: 34.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
RB-21204MS

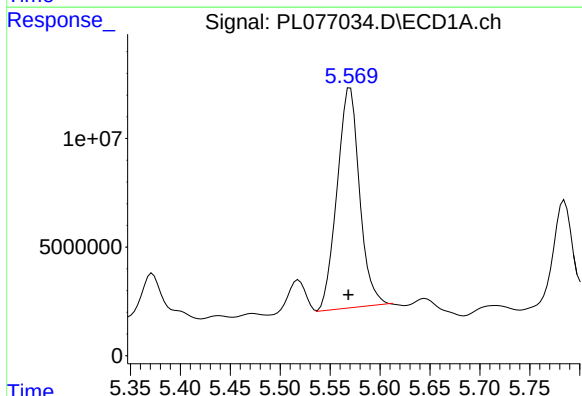
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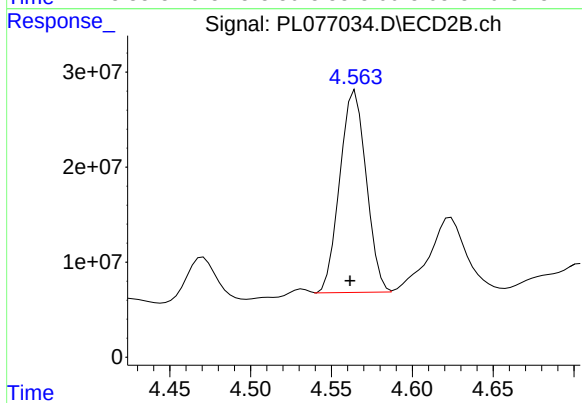
#7 delta-BHC

R.T.: 3.979 min
Delta R.T.: 0.003 min
Response: 97572535
Conc: 25.53 ng/ml



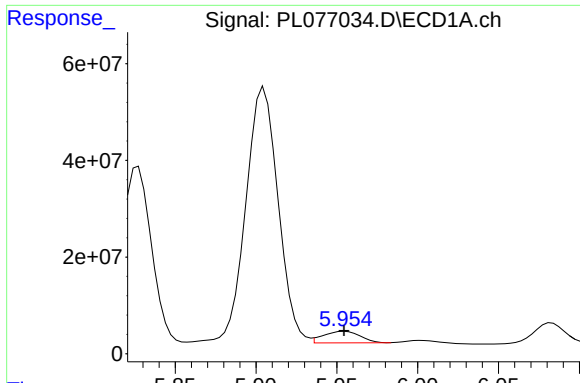
#8 Heptachlor epoxide

R.T.: 5.569 min
Delta R.T.: 0.000 min
Response: 158819166
Conc: 157.28 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.563 min
Delta R.T.: 0.002 min
Response: 241699099
Conc: 79.53 ng/ml m



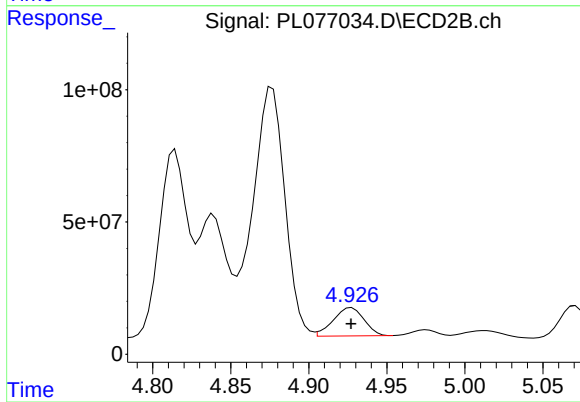
#9 Endosulfan I

R.T.: 5.955 min
Delta R.T.: 0.000 min
Response: 37837936
Conc: 41.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
RB-21204MS

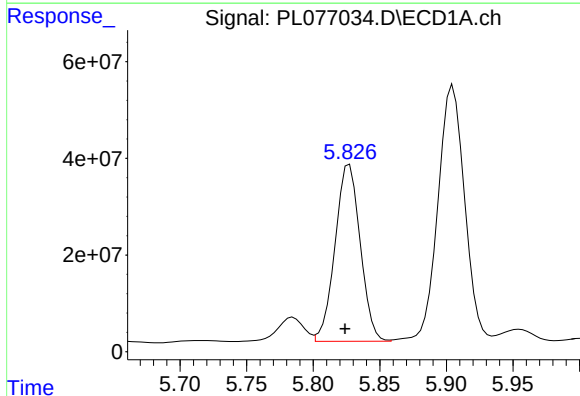
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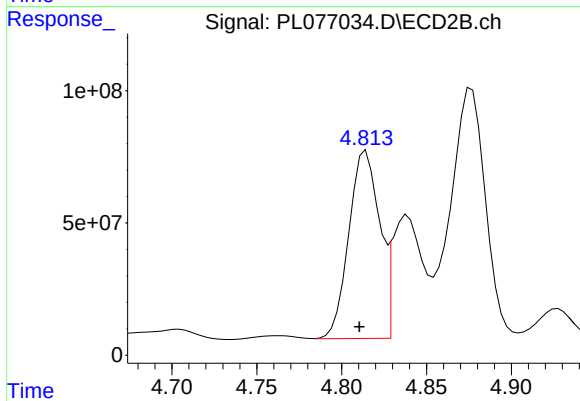
#9 Endosulfan I

R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 147672150
Conc: 54.04 ng/ml



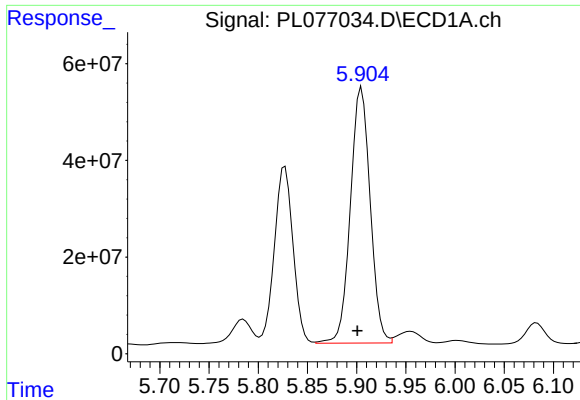
#10 gamma-Chlordane

R.T.: 5.827 min
Delta R.T.: 0.003 min
Response: 481410527
Conc: 480.31 ng/ml



#10 gamma-Chlordane

R.T.: 4.814 min
Delta R.T.: 0.004 min
Response: 893810239
Conc: 293.38 ng/ml



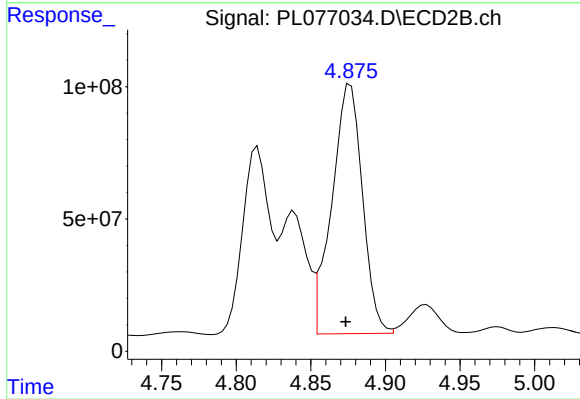
#11 alpha-Chlordane

R.T.: 5.905 min
Delta R.T.: 0.004 min
Response: 739639312
Conc: 741.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
RB-21204MS

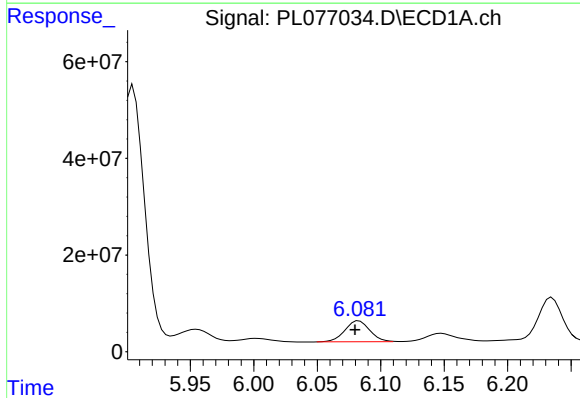
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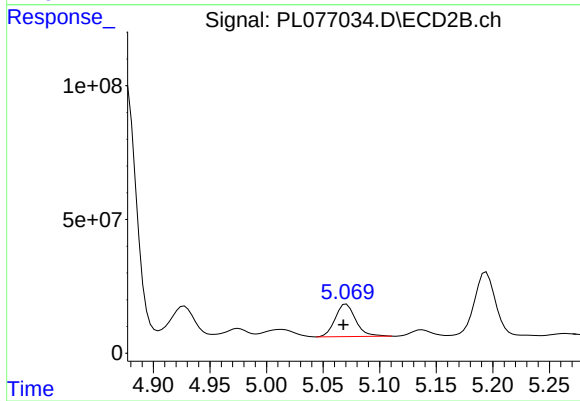
#11 alpha-Chlordane

R.T.: 4.877 min
Delta R.T.: 0.003 min
Response: 1349872509
Conc: 453.30 ng/ml



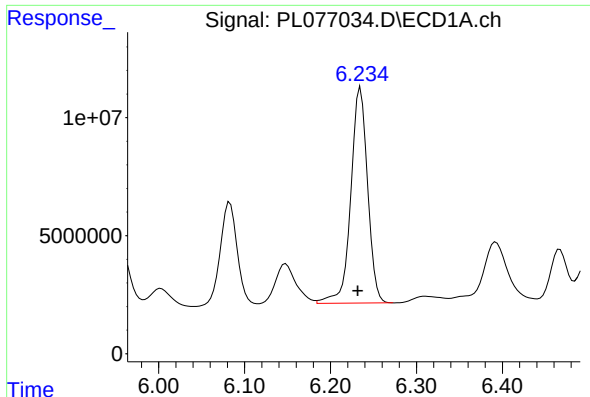
#12 4,4'-DDE

R.T.: 6.081 min
Delta R.T.: 0.002 min
Response: 59139968
Conc: 67.78 ng/ml m



#12 4,4'-DDE

R.T.: 5.071 min
Delta R.T.: 0.003 min
Response: 150657182
Conc: 52.22 ng/ml



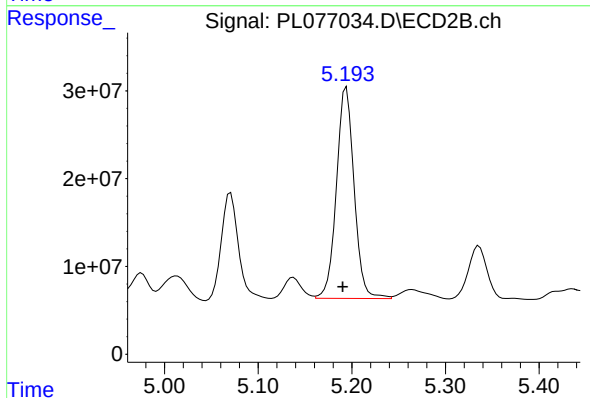
#13 Dieldrin

R.T.: 6.235 min
Delta R.T.: 0.003 min
Response: 124199871
Conc: 127.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
RB-21204MS

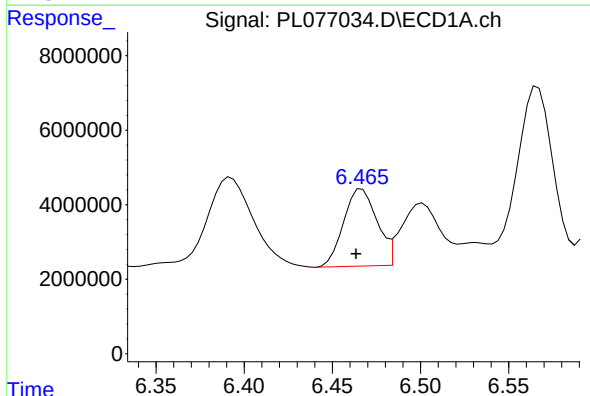
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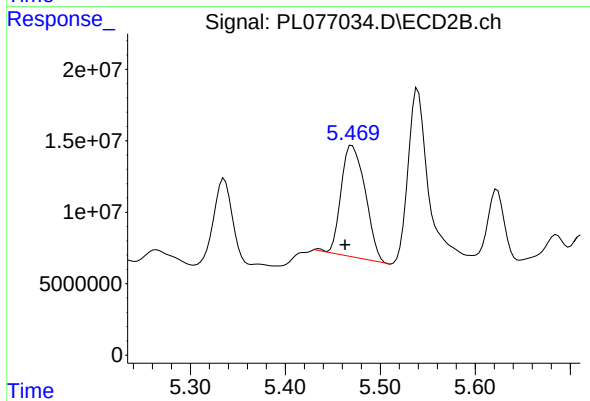
#13 Dieldrin

R.T.: 5.194 min
Delta R.T.: 0.004 min
Response: 316289586
Conc: 105.44 ng/ml



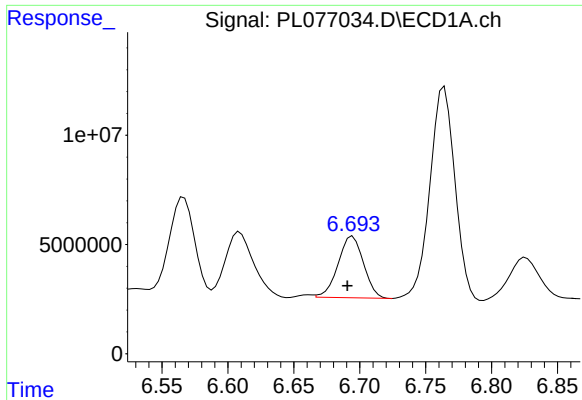
#14 Endrin

R.T.: 6.467 min
Delta R.T.: 0.003 min
Response: 27283256
Conc: 33.52 ng/ml



#14 Endrin

R.T.: 5.470 min
Delta R.T.: 0.007 min
Response: 138218513
Conc: 54.41 ng/ml



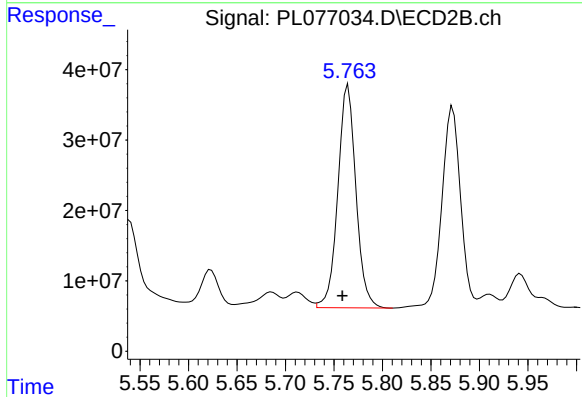
#15 Endosulfan II

R.T.: 6.695 min
Delta R.T.: 0.004 min
Response: 37941099
Conc: 44.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
RB-21204MS

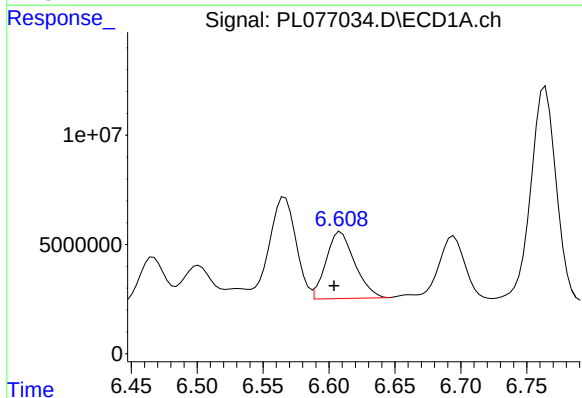
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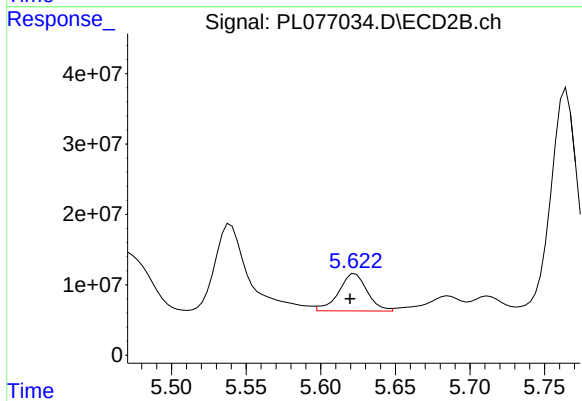
#15 Endosulfan II

R.T.: 5.765 min
Delta R.T.: 0.006 min
Response: 410170575
Conc: 156.61 ng/ml



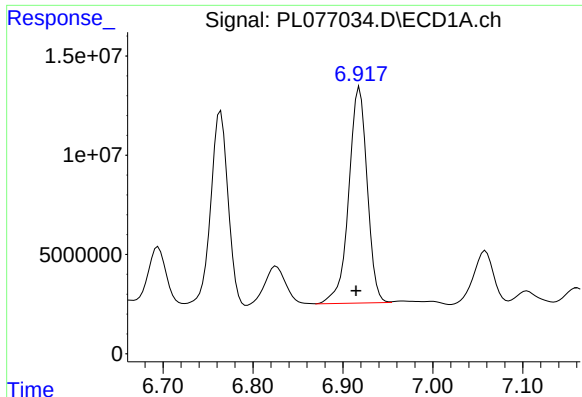
#16 4,4'-DDD

R.T.: 6.609 min
Delta R.T.: 0.005 min
Response: 46348269
Conc: 60.84 ng/ml



#16 4,4'-DDD

R.T.: 5.623 min
Delta R.T.: 0.003 min
Response: 70875860
Conc: 31.45 ng/ml



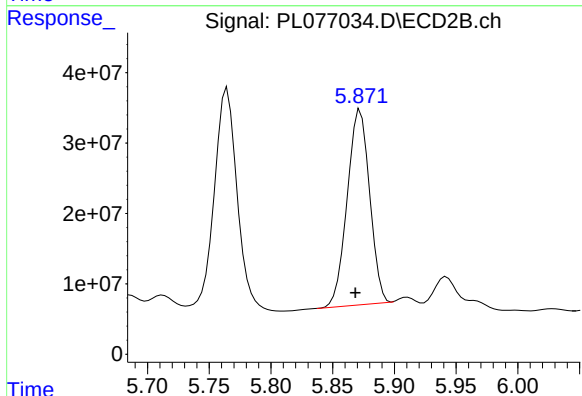
#17 4,4'-DDT

R.T.: 6.919 min
Delta R.T.: 0.004 min
Response: 154387375
Conc: 200.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
RB-21204MS

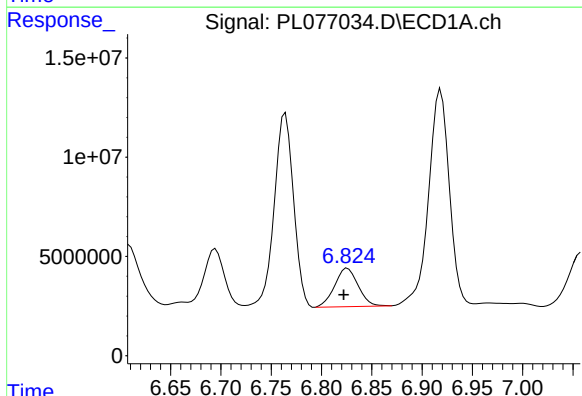
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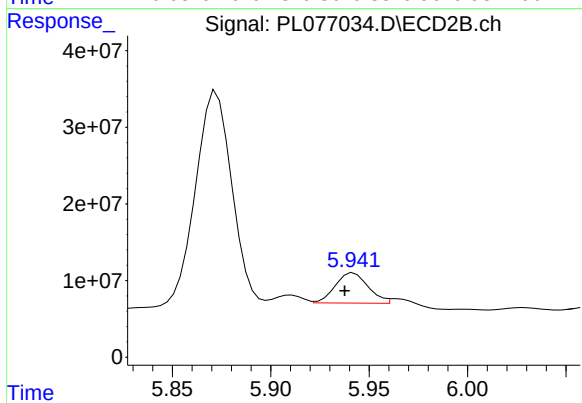
#17 4,4'-DDT

R.T.: 5.872 min
Delta R.T.: 0.004 min
Response: 350766112
Conc: 154.74 ng/ml



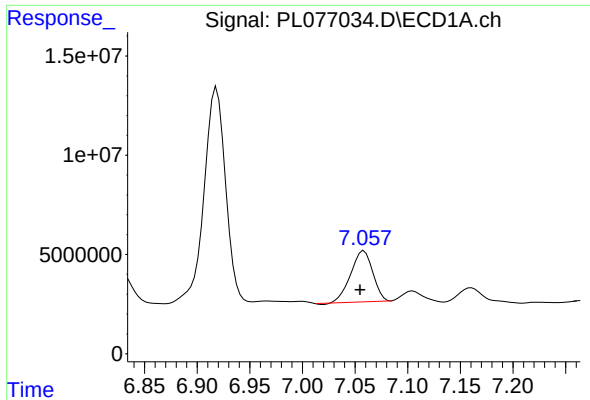
#18 Endrin aldehyde

R.T.: 6.826 min
Delta R.T.: 0.004 min
Response: 31388591
Conc: 43.53 ng/ml



#18 Endrin aldehyde

R.T.: 5.941 min
Delta R.T.: 0.003 min
Response: 45175580
Conc: 22.98 ng/ml m



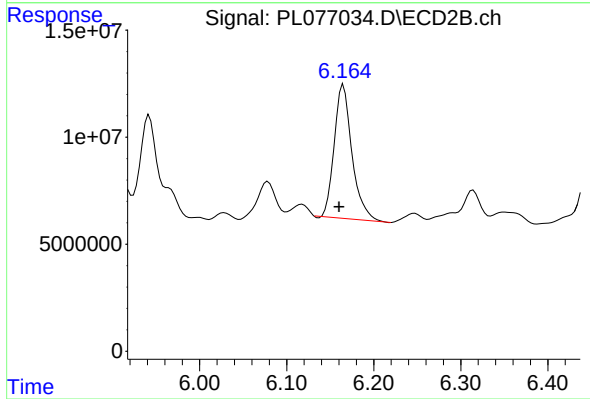
#19 Endosulfan Sulfate

R.T.: 7.059 min
Delta R.T.: 0.004 min
Response: 37330707
Conc: 45.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
RB-21204MS

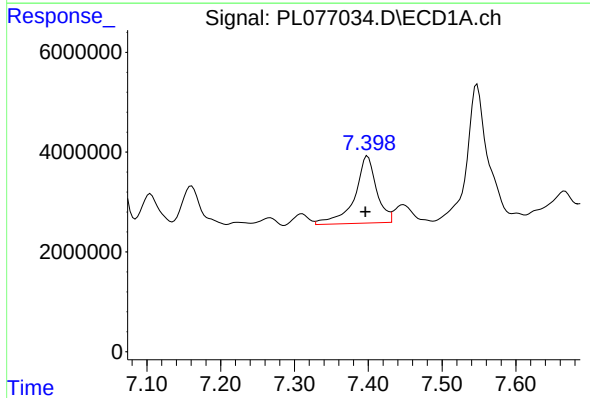
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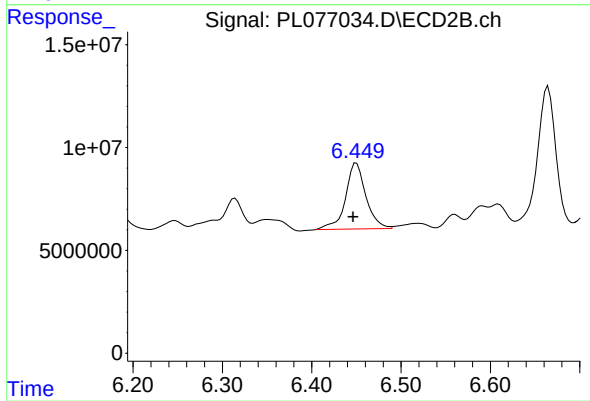
#19 Endosulfan Sulfate

R.T.: 6.165 min
Delta R.T.: 0.005 min
Response: 88571393
Conc: 38.39 ng/ml



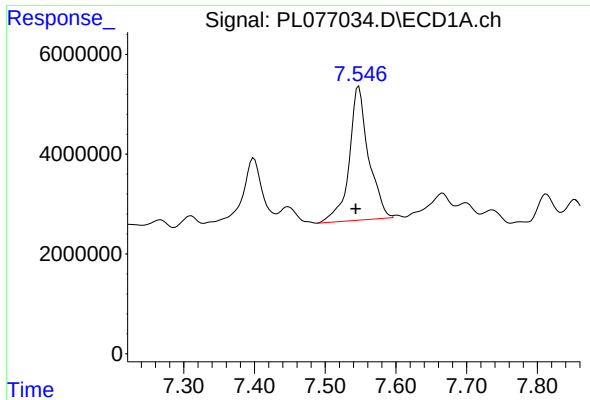
#20 Methoxychlor

R.T.: 7.399 min
Delta R.T.: 0.003 min
Response: 27779837
Conc: 62.58 ng/ml



#20 Methoxychlor

R.T.: 6.450 min
Delta R.T.: 0.004 min
Response: 51022262
Conc: 42.42 ng/ml



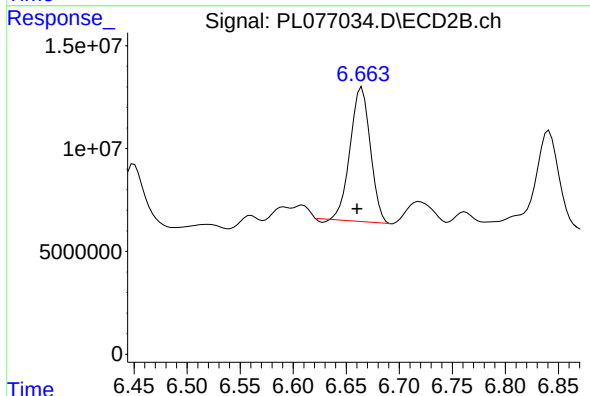
#21 Endrin ketone

R.T.: 7.548 min
Delta R.T.: 0.004 min
Response: 50928817
Conc: 56.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
RB-21204MS

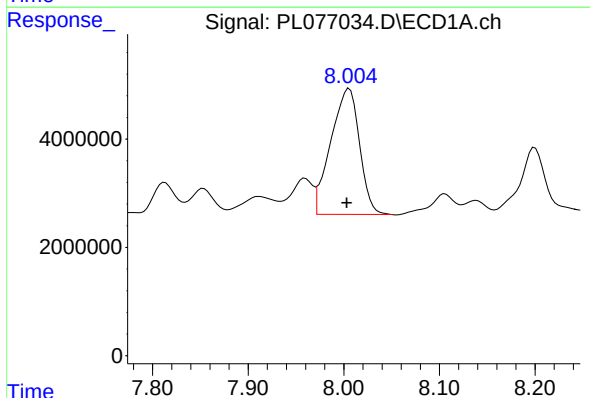
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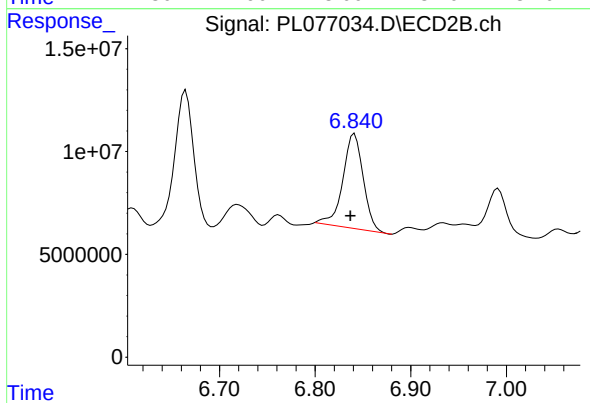
#21 Endrin ketone

R.T.: 6.665 min
Delta R.T.: 0.004 min
Response: 86002095
Conc: 33.81 ng/ml



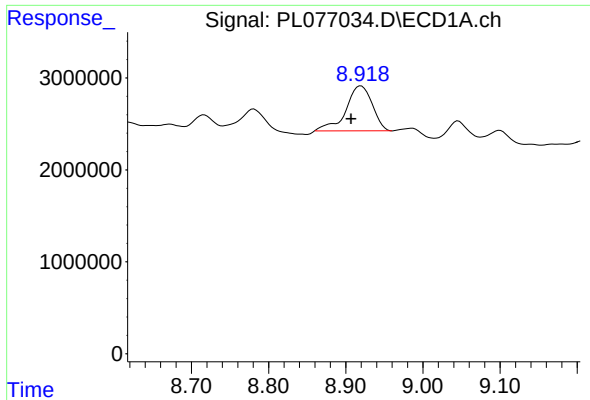
#22 Mirex

R.T.: 8.006 min
Delta R.T.: 0.003 min
Response: 48453204
Conc: 68.96 ng/ml



#22 Mirex

R.T.: 6.841 min
Delta R.T.: 0.004 min
Response: 68568921
Conc: 35.84 ng/ml



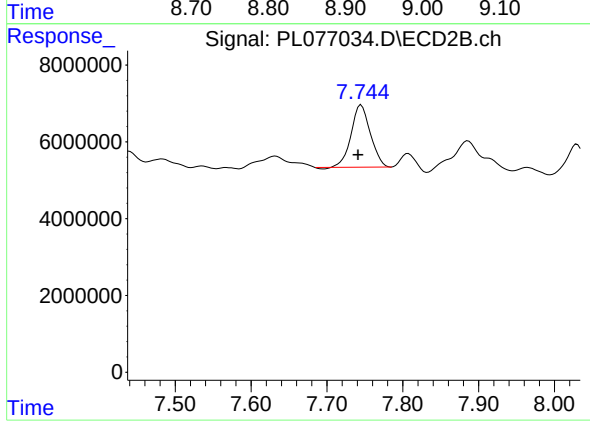
#28 Decachlorobiphenyl

R.T.: 8.920 min
Delta R.T.: 0.013 min
Response: 11605034
Conc: 15.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
RB-21204MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/12/2022
Supervised By :Ankita Jodhani 08/12/2022



#28 Decachlorobiphenyl

R.T.: 7.745 min
Delta R.T.: 0.004 min
Response: 28491783
Conc: 12.66 ng/ml