

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091622\
 Data File : PL077819.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Sep 2022 00:28
 Operator : AR\AJ
 Sample : N4656-31MSD (Sig #1); N4656-31MS (Sig #2)
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SP-4MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/19/2022
 Supervised By :Ankita Jodhani 09/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 17 02:44:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091222.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 13 13:26:11 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...	3.415	2.625	32519752	56602181	20.287	19.066
2)	SA Decachlor...	8.903	7.722	25951280	45567160	20.080	18.153
Target Compounds							
2)	A alpha-BHC	3.880	3.117	113.9E6	210.8E6	48.012	46.471
3)	MA gamma-BHC...	4.216	3.441	107.3E6	189.1E6	48.494	46.817
4)	MA Heptachlor	4.792	3.773	106.8E6	182.3E6	48.247	46.019
5)	MB Aldrin	5.132	4.047	101.9E6	187.7E6	51.296	49.459
6)	B beta-BHC	4.428	3.741	45793632	74620225	47.119	44.822
7)	B delta-BHC	4.671	3.964	78892553	159.5E6	38.424m	39.302
8)	B Heptachlo...	5.565	4.546	89281042	160.9E6	51.214	47.575
9)	A Endosulfan I	5.951	4.911	79739804	147.8E6	49.475	46.843
10)	B gamma-Chl...	5.820	4.795	87862644	161.6E6	50.182	47.427
11)	B alpha-Chl...	5.897	4.857	86653701	157.6E6	50.166	47.586
12)	B 4,4'-DDE	6.076	5.052	81939422	154.2E6	51.474	47.405
13)	MA Dieldrin	6.228	5.173	83810435	164.5E6	51.926	49.606m
14)	MA Endrin	6.460	5.446	70450034	137.0E6	50.940	48.061
15)	B Endosulfa...	6.687	5.741	71891712	137.3E6	52.044	52.116m
16)	A 4,4'-DDD	6.601	5.603	62223922	128.5E6	53.144	49.605m
17)	MA 4,4'-DDT	6.911	5.851	58262818	118.8E6	45.980	45.072m
18)	B Endrin al...	6.819	5.921	57929734	107.9E6	54.781	52.306
19)	B Endosulfa...	7.052	6.144	62566073	127.5E6	48.857	47.406
20)	A Methoxychlor	7.393	6.430	32300928	63177172	48.907	46.134
21)	B Endrin ke...	7.540	6.644	69188298	143.9E6	50.071	47.510
22)	Mirex	7.999	6.818	53329651	102.6E6	50.791	47.713m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091622\
 Data File : PL077819.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Sep 2022 00:28
 Operator : AR\AJ
 Sample : N4656-31MSD (Sig #1); N4656-31MS (Sig #2)
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

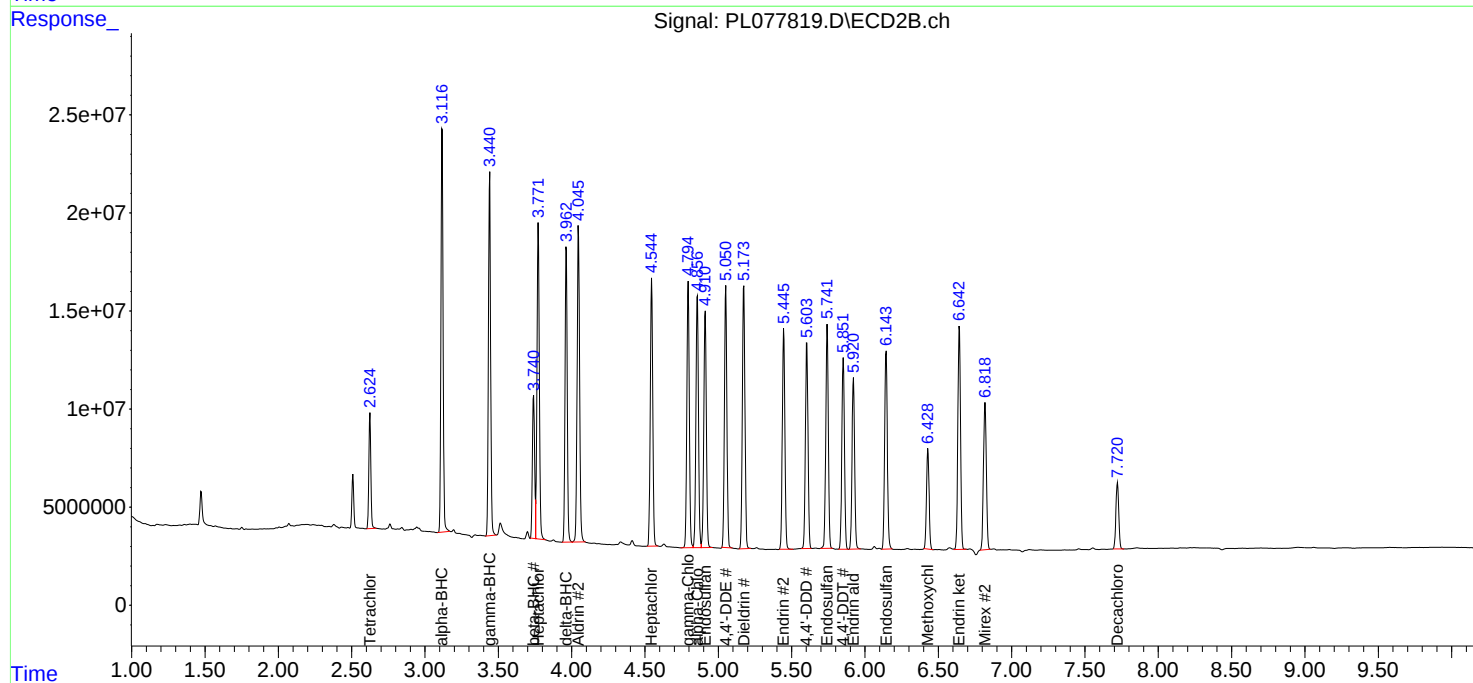
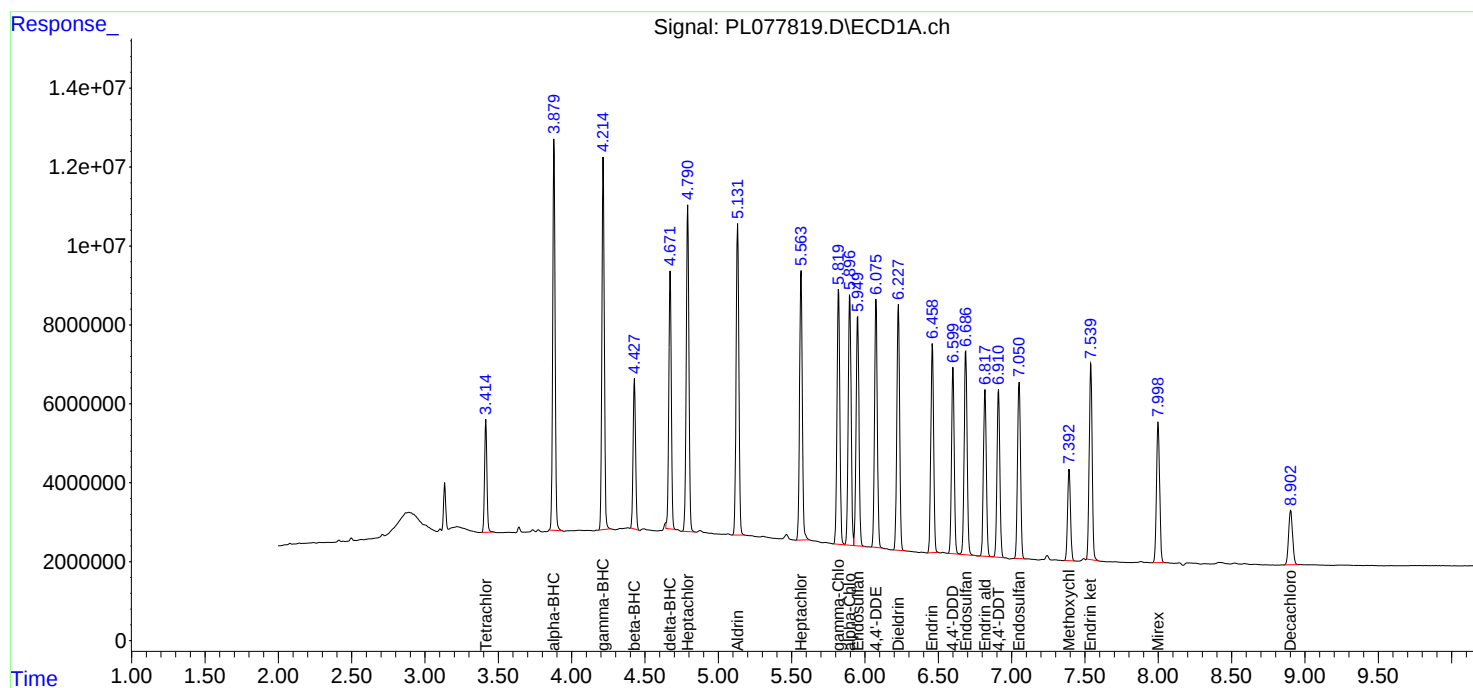
Instrument :
 ECD_L
 ClientSampleId :
 SP-4MSD

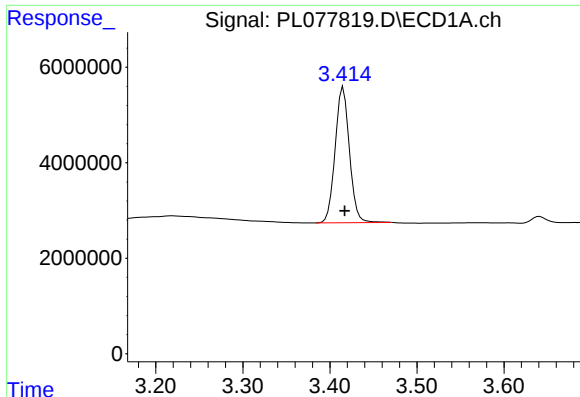
Manual Integrations APPROVED

Reviewed By : Abdul Mirza 09/19/2022
 Supervised By : Ankita Jodhani 09/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 17 02:44:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091222.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 13 13:26:11 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





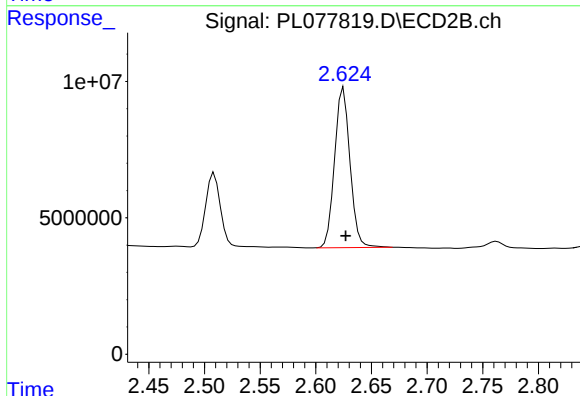
#1 Tetrachloro-m-xylene

R.T.: 3.415 min
Delta R.T.: -0.002 min
Response: 32519752
Conc: 20.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-4MSD

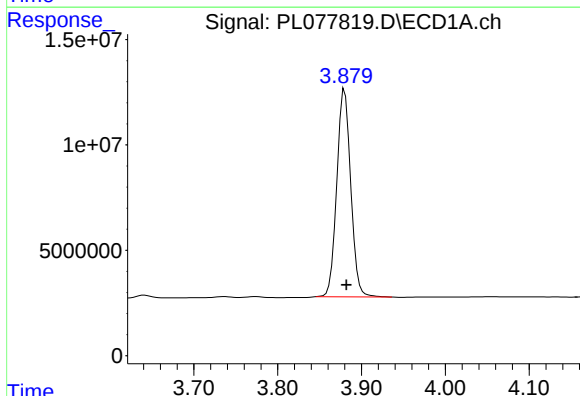
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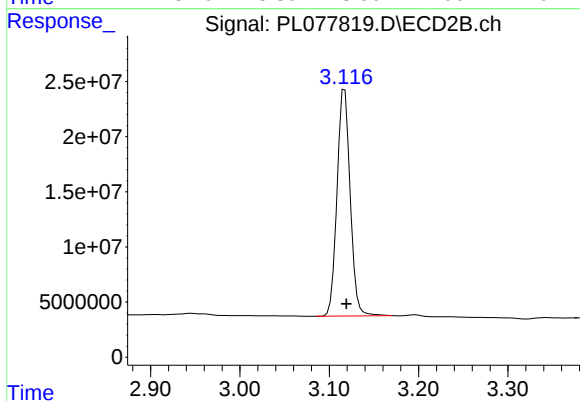
#1 Tetrachloro-m-xylene

R.T.: 2.625 min
Delta R.T.: -0.002 min
Response: 56602181
Conc: 19.07 ng/ml



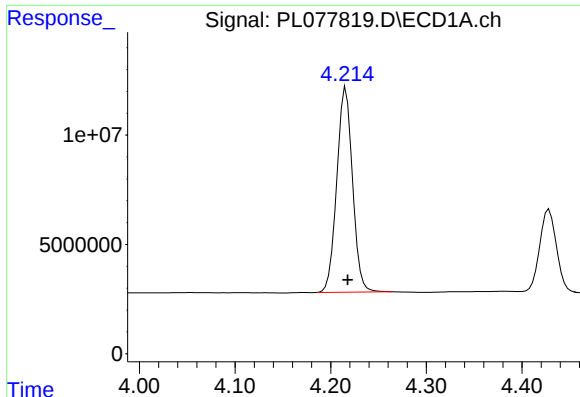
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: -0.002 min
Response: 113936638
Conc: 48.01 ng/ml



#2 alpha-BHC

R.T.: 3.117 min
Delta R.T.: -0.002 min
Response: 210754324
Conc: 46.47 ng/ml



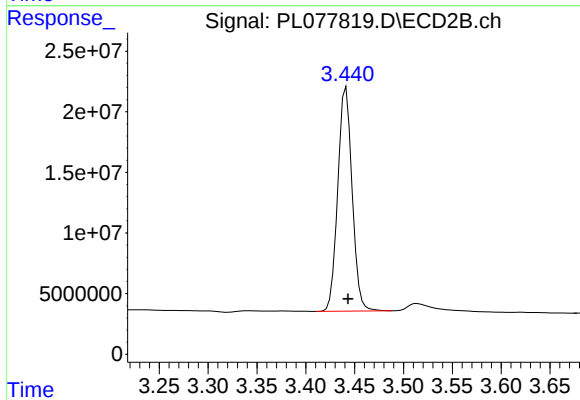
#3 gamma-BHC (Lindane)

R.T.: 4.216 min
Delta R.T.: -0.002 min
Response: 107289514
Conc: 48.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-4MSD

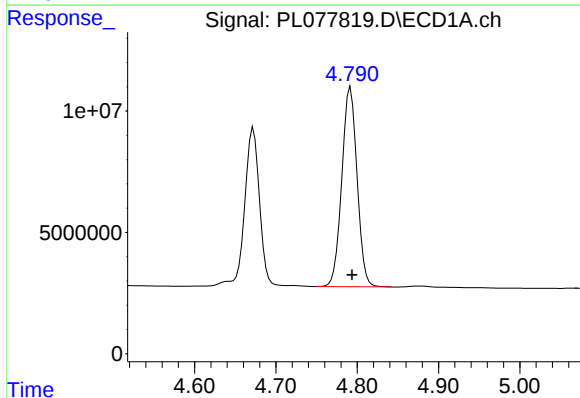
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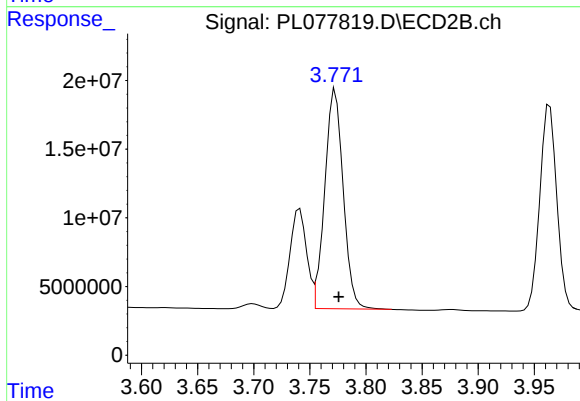
#3 gamma-BHC (Lindane)

R.T.: 3.441 min
Delta R.T.: -0.002 min
Response: 189055984
Conc: 46.82 ng/ml



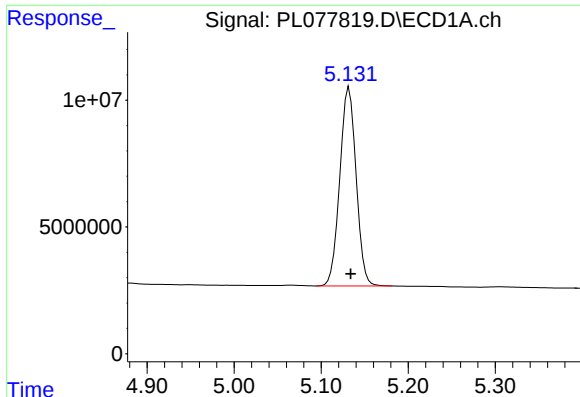
#4 Heptachlor

R.T.: 4.792 min
Delta R.T.: -0.002 min
Response: 106820500
Conc: 48.25 ng/ml



#4 Heptachlor

R.T.: 3.773 min
Delta R.T.: -0.003 min
Response: 182262161
Conc: 46.02 ng/ml



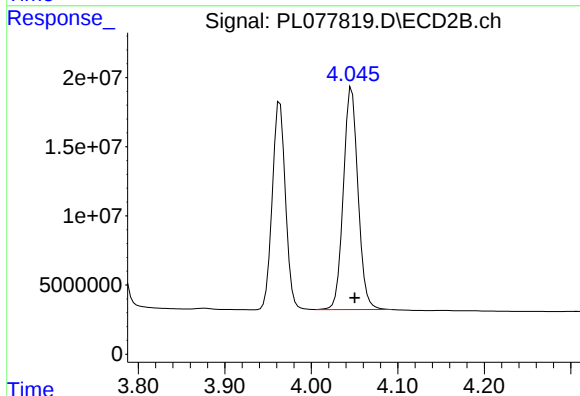
#5 Aldrin

R.T.: 5.132 min
Delta R.T.: -0.002 min
Response: 101947393
Conc: 51.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-4MSD

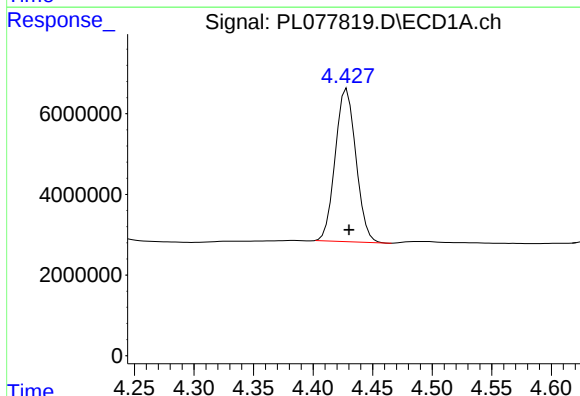
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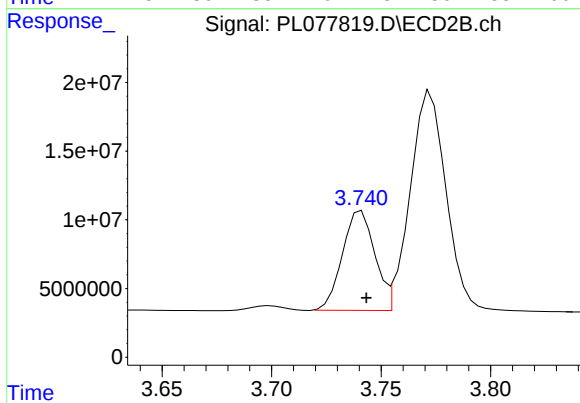
#5 Aldrin

R.T.: 4.047 min
Delta R.T.: -0.004 min
Response: 187692118
Conc: 49.46 ng/ml



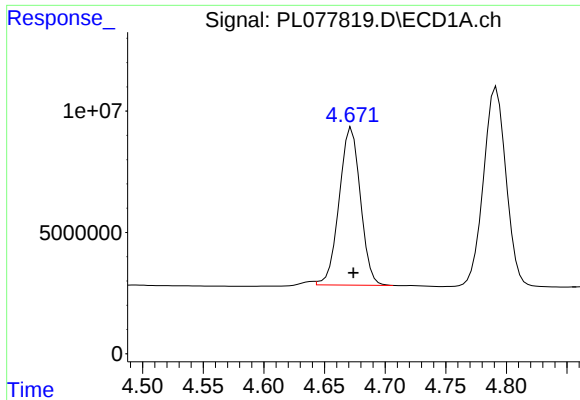
#6 beta-BHC

R.T.: 4.428 min
Delta R.T.: -0.002 min
Response: 45793632
Conc: 47.12 ng/ml



#6 beta-BHC

R.T.: 3.741 min
Delta R.T.: -0.002 min
Response: 74620225
Conc: 44.82 ng/ml



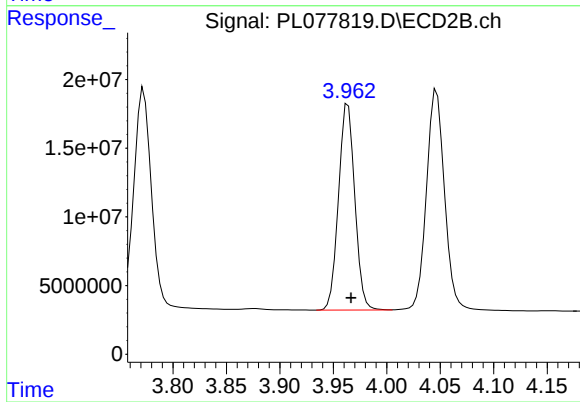
#7 delta-BHC

R.T.: 4.671 min
Delta R.T.: -0.003 min
Response: 78892553
Conc: 38.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-4MSD

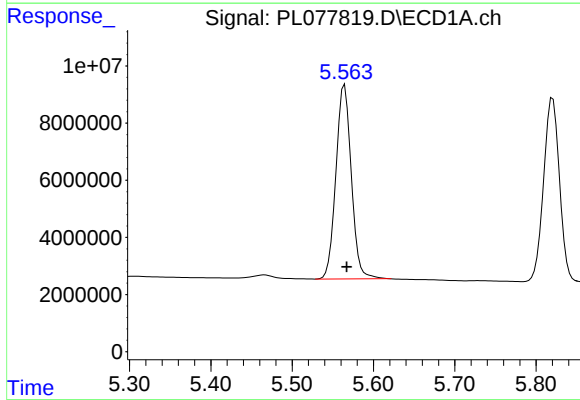
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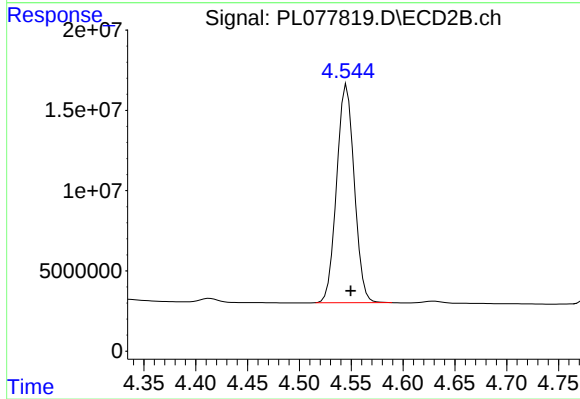
#7 delta-BHC

R.T.: 3.964 min
Delta R.T.: -0.003 min
Response: 159479614
Conc: 39.30 ng/ml



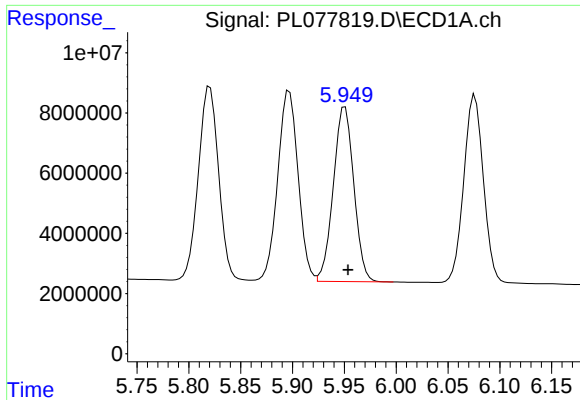
#8 Heptachlor epoxide

R.T.: 5.565 min
Delta R.T.: -0.003 min
Response: 89281042
Conc: 51.21 ng/ml



#8 Heptachlor epoxide

R.T.: 4.546 min
Delta R.T.: -0.004 min
Response: 160872638
Conc: 47.58 ng/ml



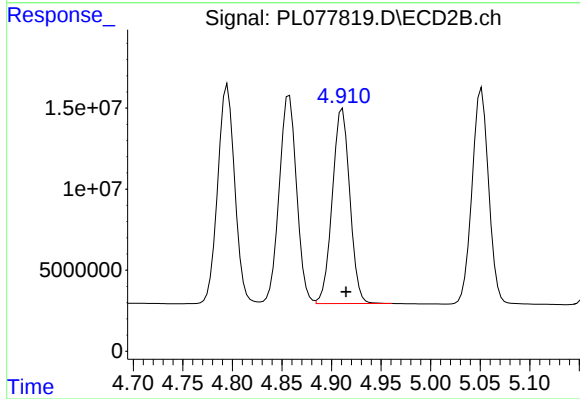
#9 Endosulfan I

R.T.: 5.951 min
Delta R.T.: -0.003 min
Response: 79739804
Conc: 49.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-4MSD

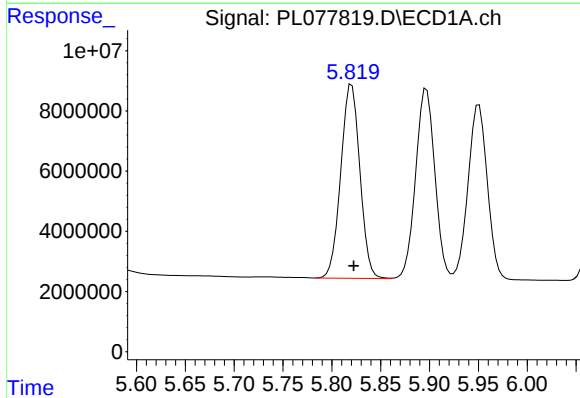
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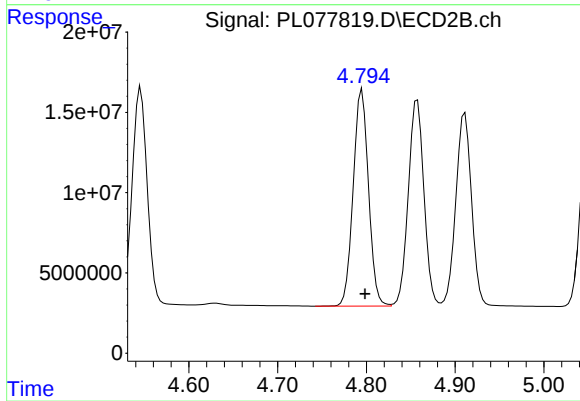
#9 Endosulfan I

R.T.: 4.911 min
Delta R.T.: -0.004 min
Response: 147802470
Conc: 46.84 ng/ml



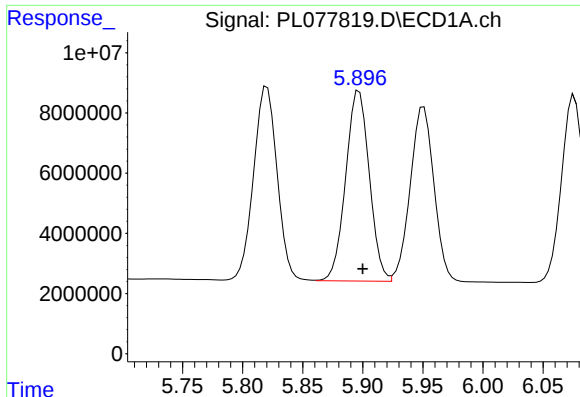
#10 gamma-Chlordane

R.T.: 5.820 min
Delta R.T.: -0.002 min
Response: 87862644
Conc: 50.18 ng/ml



#10 gamma-Chlordane

R.T.: 4.795 min
Delta R.T.: -0.003 min
Response: 161645353
Conc: 47.43 ng/ml



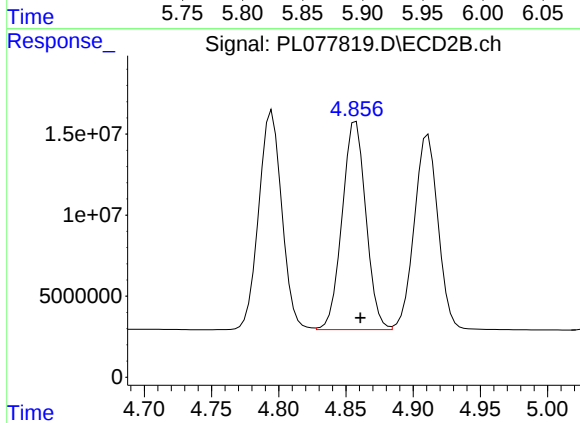
#11 alpha-Chlordane

R.T.: 5.897 min
Delta R.T.: -0.003 min
Response: 86653701
Conc: 50.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-4MSD

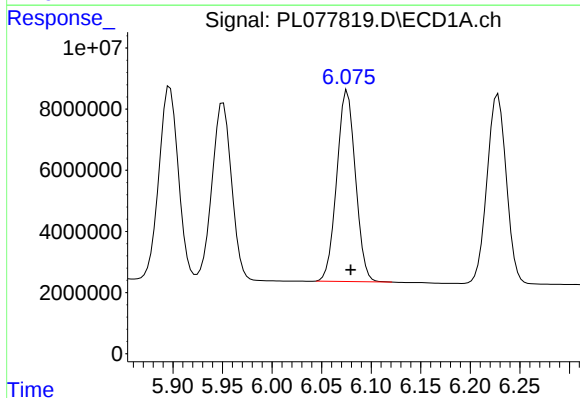
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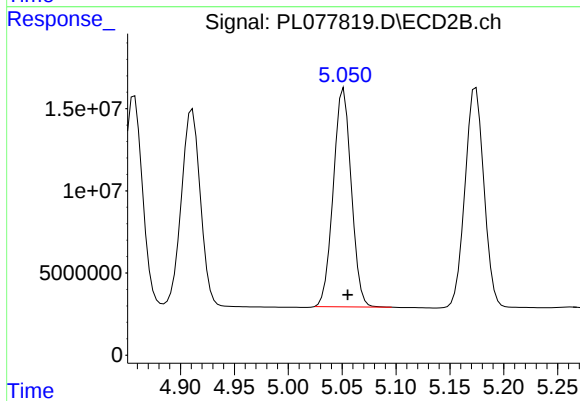
#11 alpha-Chlordane

R.T.: 4.857 min
Delta R.T.: -0.003 min
Response: 157587038
Conc: 47.59 ng/ml



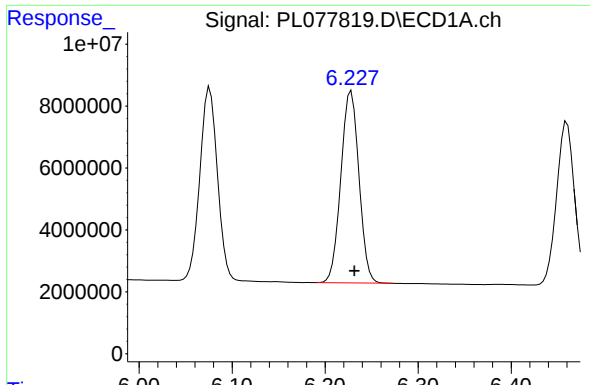
#12 4,4'-DDE

R.T.: 6.076 min
Delta R.T.: -0.004 min
Response: 81939422
Conc: 51.47 ng/ml



#12 4,4'-DDE

R.T.: 5.052 min
Delta R.T.: -0.004 min
Response: 154247912
Conc: 47.41 ng/ml



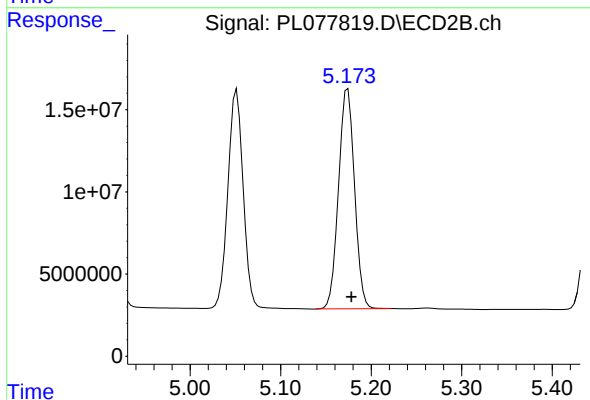
#13 Dieldrin

R.T.: 6.228 min
Delta R.T.: -0.004 min
Response: 83810435
Conc: 51.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-4MSD

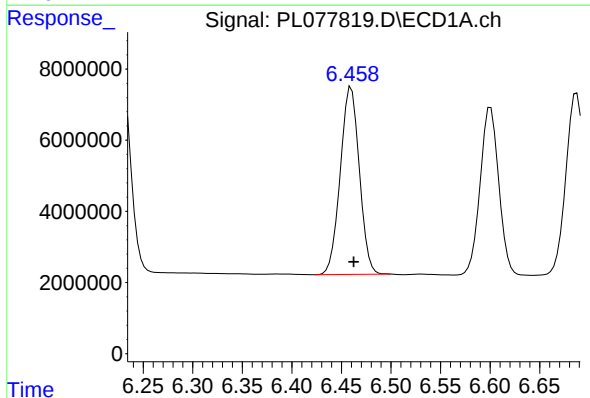
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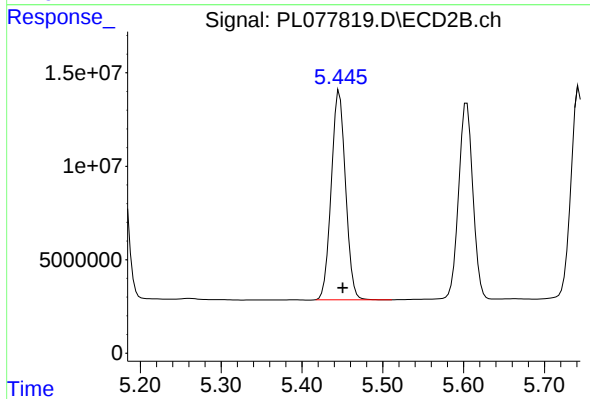
#13 Dieldrin

R.T.: 5.173 min
Delta R.T.: -0.005 min
Response: 164479067
Conc: 49.61 ng/ml m



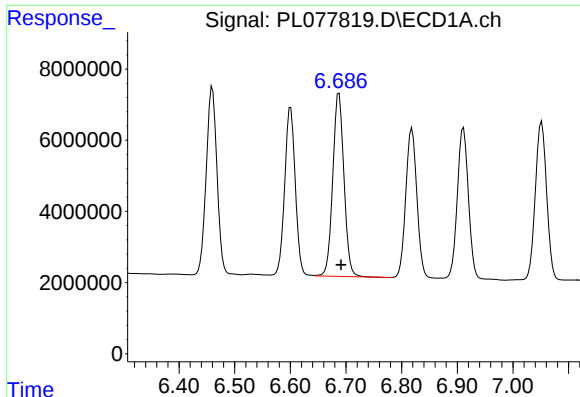
#14 Endrin

R.T.: 6.460 min
Delta R.T.: -0.003 min
Response: 70450034
Conc: 50.94 ng/ml



#14 Endrin

R.T.: 5.446 min
Delta R.T.: -0.004 min
Response: 137046333
Conc: 48.06 ng/ml



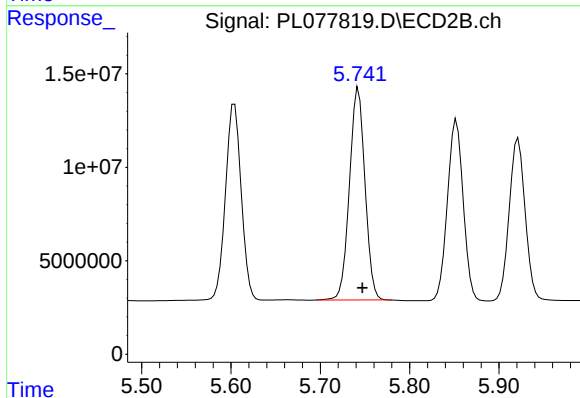
#15 Endosulfan II

R.T.: 6.687 min
Delta R.T.: -0.004 min
Response: 71891712
Conc: 52.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-4MSD

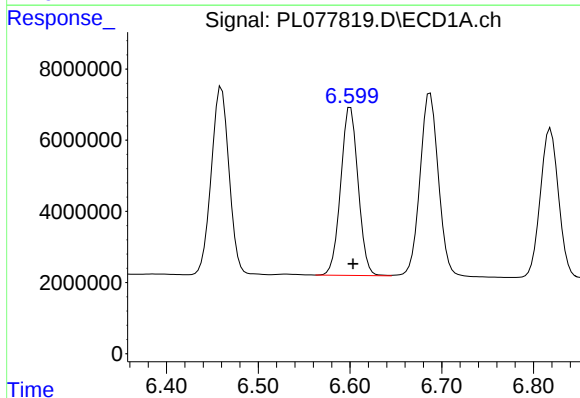
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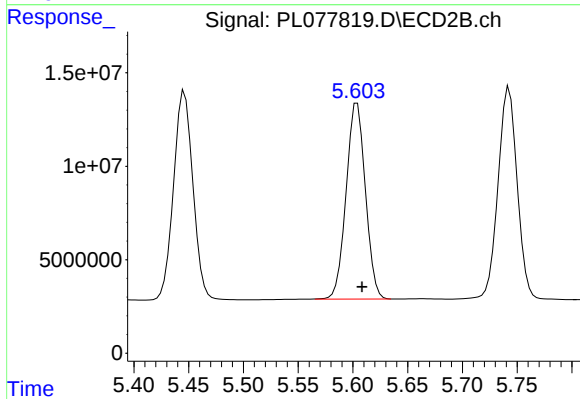
#15 Endosulfan II

R.T.: 5.741 min
Delta R.T.: -0.006 min
Response: 137333619
Conc: 52.12 ng/ml m



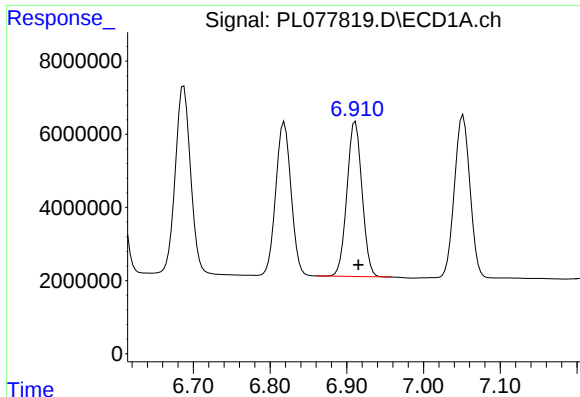
#16 4,4'-DDD

R.T.: 6.601 min
Delta R.T.: -0.003 min
Response: 62223922
Conc: 53.14 ng/ml



#16 4,4'-DDD

R.T.: 5.603 min
Delta R.T.: -0.006 min
Response: 128507097
Conc: 49.61 ng/ml m



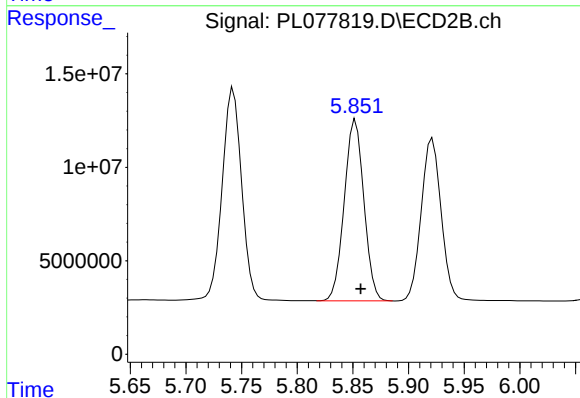
#17 4,4'-DDT

R.T.: 6.911 min
Delta R.T.: -0.004 min
Response: 58262818
Conc: 45.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-4MSD

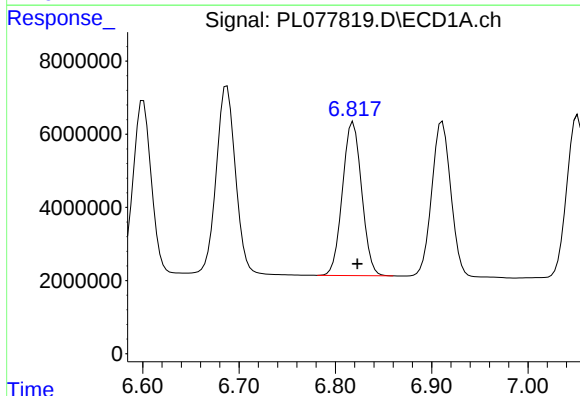
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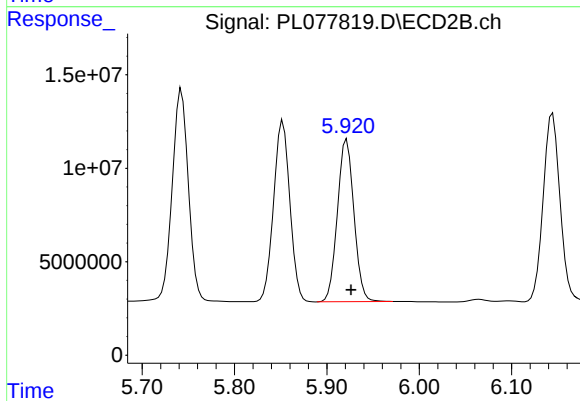
#17 4,4'-DDT

R.T.: 5.851 min
Delta R.T.: -0.006 min
Response: 118756069
Conc: 45.07 ng/ml m



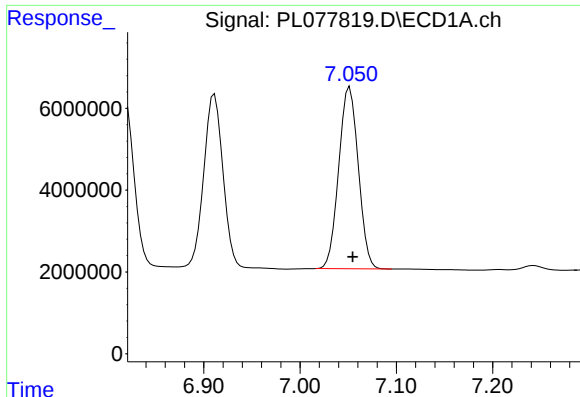
#18 Endrin aldehyde

R.T.: 6.819 min
Delta R.T.: -0.004 min
Response: 57929734
Conc: 54.78 ng/ml



#18 Endrin aldehyde

R.T.: 5.921 min
Delta R.T.: -0.005 min
Response: 107935939
Conc: 52.31 ng/ml



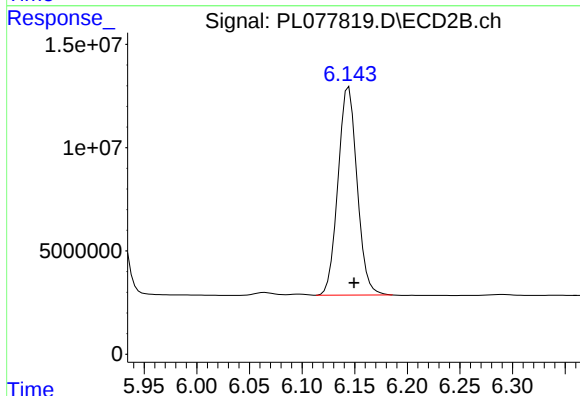
#19 Endosulfan Sulfate

R.T.: 7.052 min
Delta R.T.: -0.003 min
Response: 62566073
Conc: 48.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-4MSD

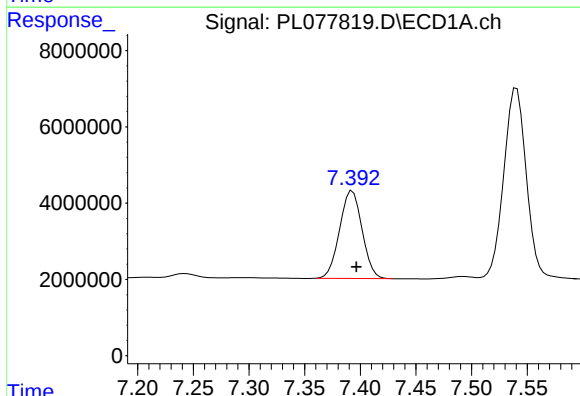
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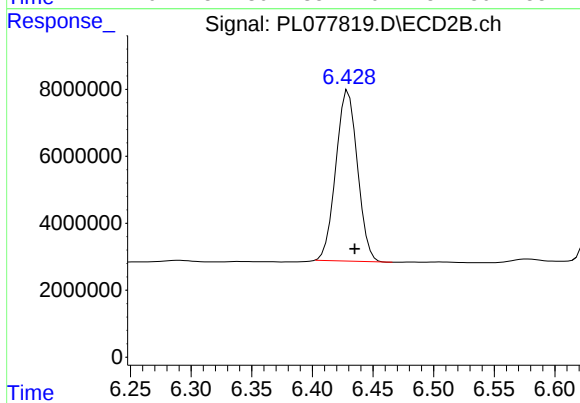
#19 Endosulfan Sulfate

R.T.: 6.144 min
Delta R.T.: -0.005 min
Response: 127483535
Conc: 47.41 ng/ml



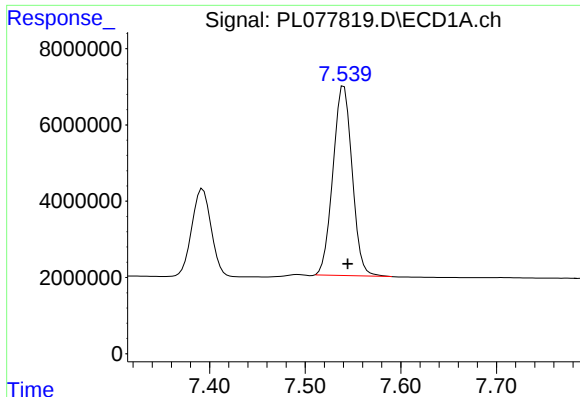
#20 Methoxychlor

R.T.: 7.393 min
Delta R.T.: -0.004 min
Response: 32300928
Conc: 48.91 ng/ml



#20 Methoxychlor

R.T.: 6.430 min
Delta R.T.: -0.005 min
Response: 63177172
Conc: 46.13 ng/ml



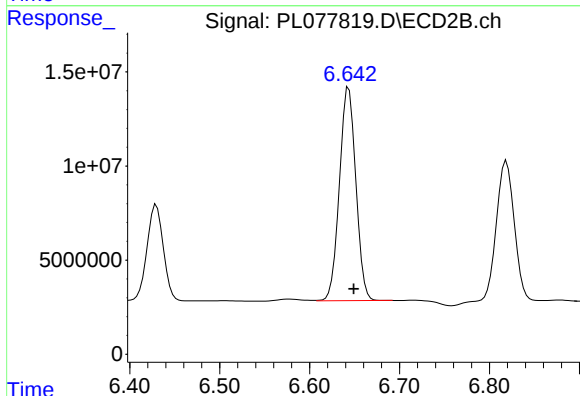
#21 Endrin ketone

R.T.: 7.540 min
Delta R.T.: -0.004 min
Response: 69188298
Conc: 50.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-4MSD

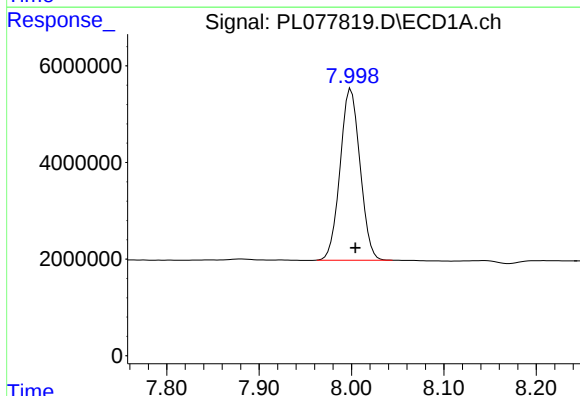
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/19/2022
Supervised By :Ankita Jodhani 09/19/2022



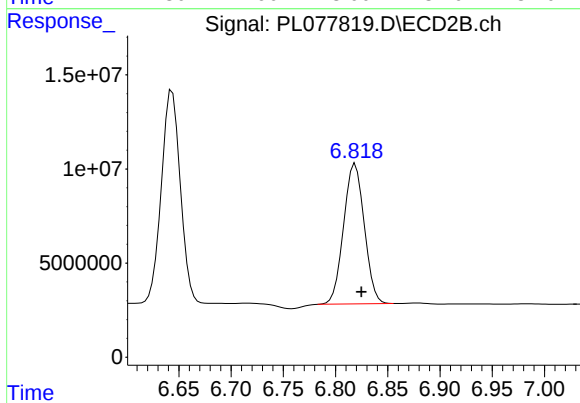
#21 Endrin ketone

R.T.: 6.644 min
Delta R.T.: -0.005 min
Response: 143877174
Conc: 47.51 ng/ml



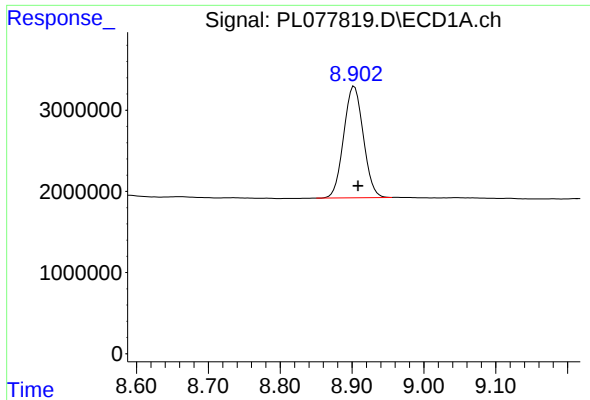
#22 Mirex

R.T.: 7.999 min
Delta R.T.: -0.005 min
Response: 53329651
Conc: 50.79 ng/ml



#22 Mirex

R.T.: 6.818 min
Delta R.T.: -0.007 min
Response: 102577303
Conc: 47.71 ng/ml m



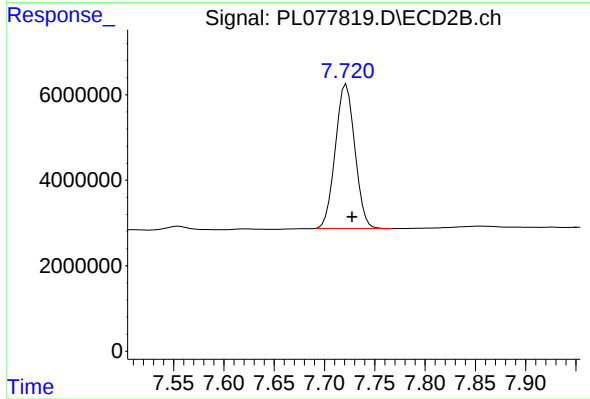
#28 Decachlorobiphenyl

R.T.: 8.903 min
Delta R.T.: -0.005 min
Response: 25951280
Conc: 20.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-4MSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 09/19/2022



#28 Decachlorobiphenyl

R.T.: 7.722 min
Delta R.T.: -0.006 min
Response: 45567160
Conc: 18.15 ng/ml