

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042324\
 Data File : PL089145.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2024 12:25
 Operator : AR\AJ
 Sample : P2208-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LNG-11MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/24/2024
 Supervised By :Ankita Jodhani 04/24/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 13:49:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041524.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 15 18:43:22 2024
 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...	3.549	2.798	40982575	26379648	19.283m	19.792
28)	SA Decachlor...	9.064	7.949	20015099	19641511	15.713	14.668
Target Compounds							
2)	A alpha-BHC	4.006	3.303	139.8E6	100.9E6	46.762	51.006
3)	MA gamma-BHC...	4.339	3.634	135.1E6	95864674	46.832	49.835
4)	MA Heptachlor	4.928	3.976	117.7E6	90653662	47.287	50.446
5)	MB Aldrin	5.271	4.257	114.0E6	87346529	43.902	47.615
6)	B beta-BHC	4.533	3.931	63765822	42130604	47.520	50.410
7)	B delta-BHC	4.781	4.162	125.8E6	93126384	47.036	51.007
8)	B Heptachlo...	5.696	4.760	110.6E6	82129747	46.867	49.456
9)	A Endosulfan I	6.081	5.131	107.1E6	77947516	48.978	51.864
10)	B gamma-Chl...	5.951	5.011	110.7E6	86473169	48.147	52.713
11)	B alpha-Chl...	6.030	5.074	109.2E6	86108074	47.713	52.070
12)	B 4,4'-DDE	6.202	5.264	98128818	75922434	48.827	51.630
13)	MA Dieldrin	6.354	5.396	106.6E6	84063921	47.254m	51.425
14)	MA Endrin	6.585	5.671	94523169	79492449	50.295	54.696
15)	B Endosulfa...	6.803	5.964	99751808	79621269	51.785	55.693
16)	A 4,4'-DDD	6.718	5.818	81252316	65235008	50.408	53.869
17)	MA 4,4'-DDT	7.032	6.069	93333953	69174799	51.220	52.775
18)	B Endrin al...	6.933	6.143	64063656	49095112	43.771	44.674
19)	B Endosulfa...	7.167	6.366	86651392	71799415	50.472	53.115
20)	A Methoxychlor	7.507	6.645	45869983	38901250	52.059	52.047
21)	B Endrin ke...	7.651	6.872	95301963	82320890	49.417	52.012
22)	Mirex	8.125	7.056	71783210	65925923	48.876m	49.864

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042324\
Data File : PL089145.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2024 12:25
Operator : AR\AJ
Sample : P2208-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

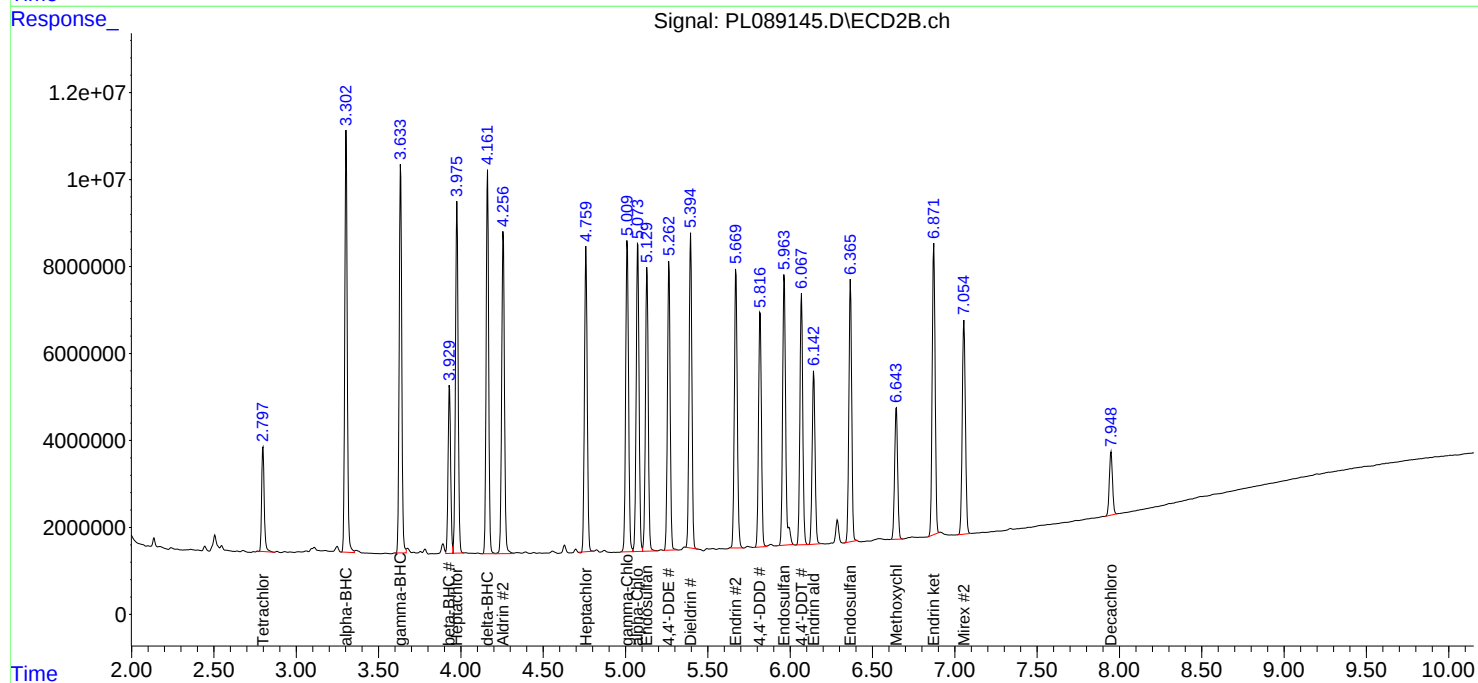
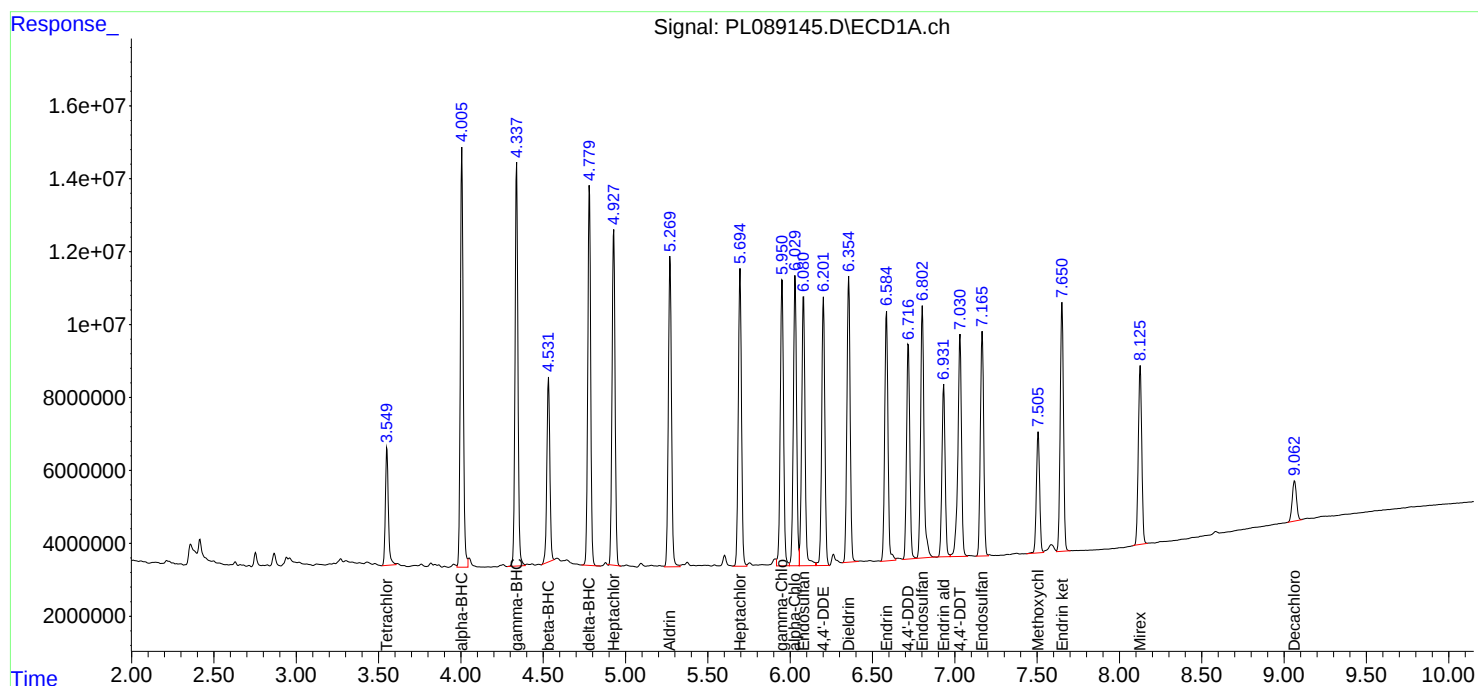
Instrument :
ECD_L
ClientSampleId :
LNG-11MSD

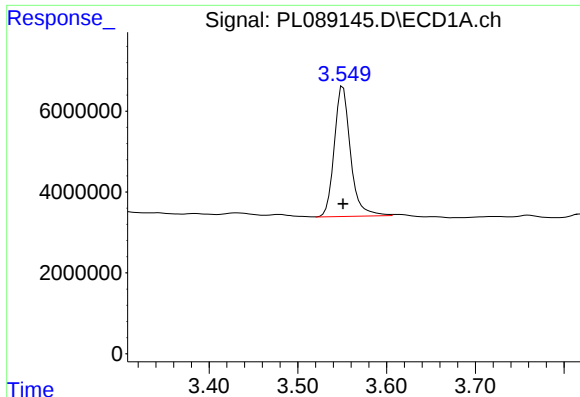
Manual Integrations
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Supervised By : Ankita Jodhani 04/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 13:49:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041524.M
Quant Title : GC Extractables
QLast Update : Mon Apr 15 18:43:22 2024
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





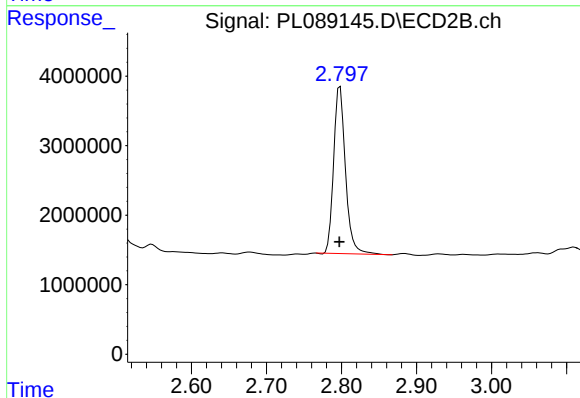
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: -0.002 min
Response: 40982575
Conc: 19.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
LNG-11MSD

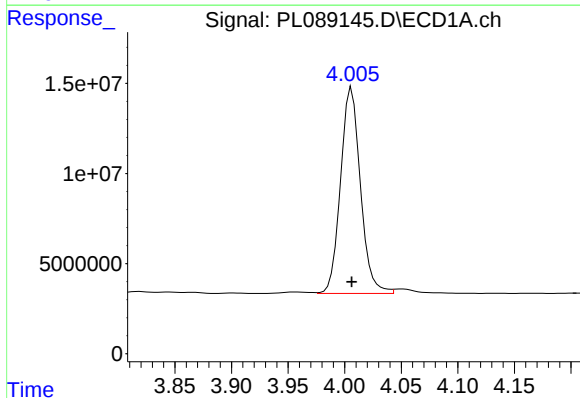
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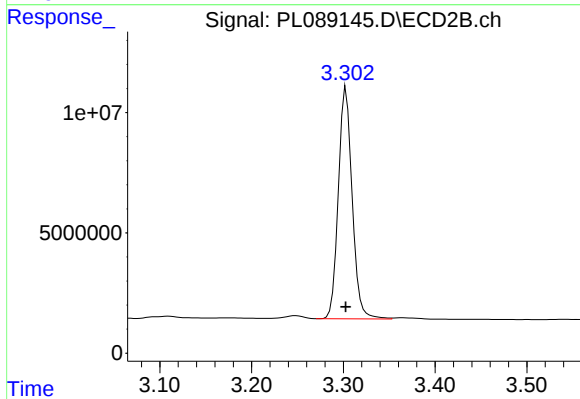
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.000 min
Response: 26379648
Conc: 19.79 ng/ml



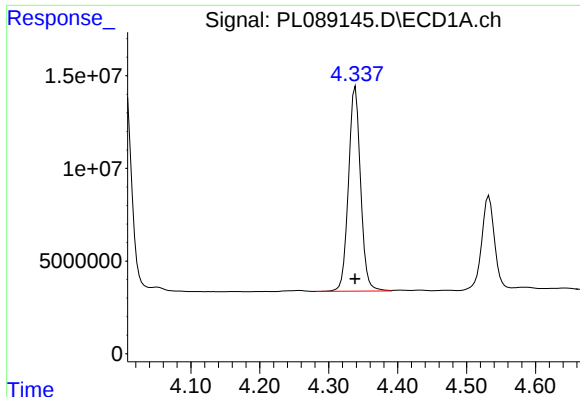
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 139818882
Conc: 46.76 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 100914886
Conc: 51.01 ng/ml



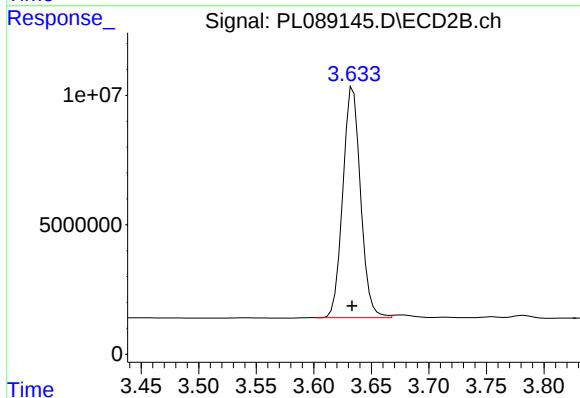
#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.000 min
Response: 135119557
Conc: 46.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
LNG-11MSD

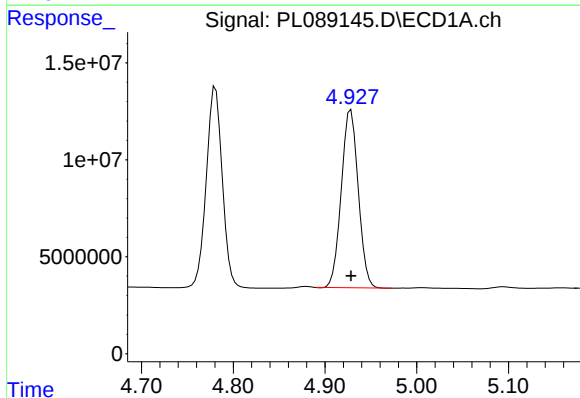
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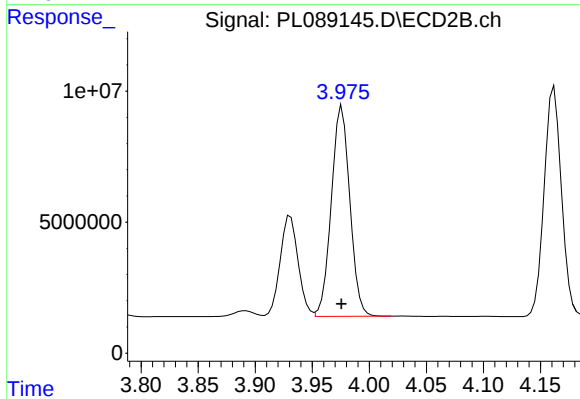
#3 gamma-BHC (Lindane)

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 95864674
Conc: 49.83 ng/ml



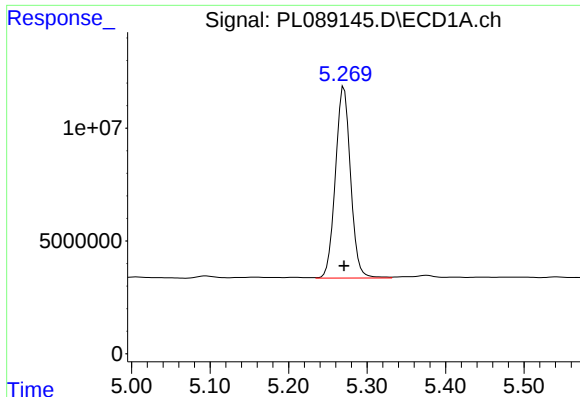
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 117658303
Conc: 47.29 ng/ml



#4 Heptachlor

R.T.: 3.976 min
Delta R.T.: 0.000 min
Response: 90653662
Conc: 50.45 ng/ml



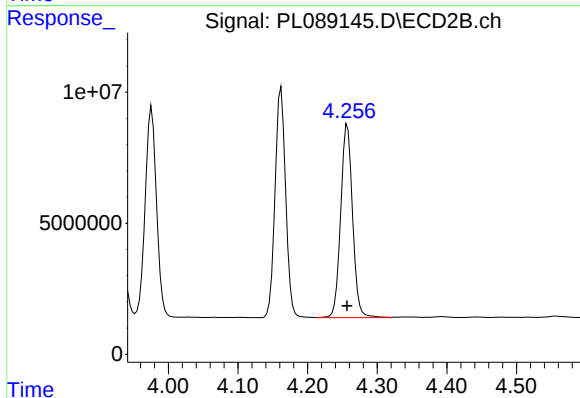
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 113951306
Conc: 43.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
LNG-11MSD

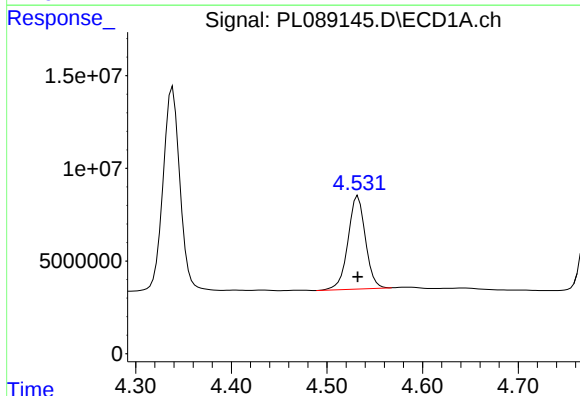
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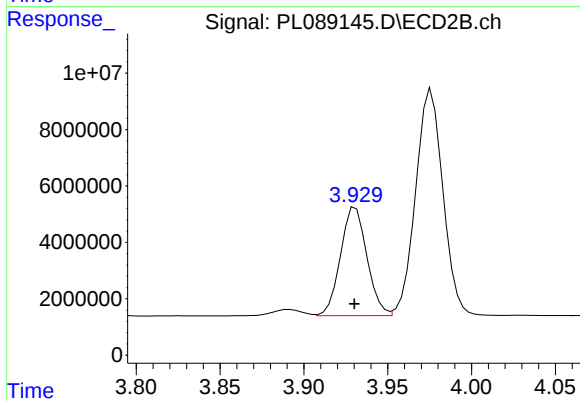
#5 Aldrin

R.T.: 4.257 min
Delta R.T.: 0.000 min
Response: 87346529
Conc: 47.62 ng/ml



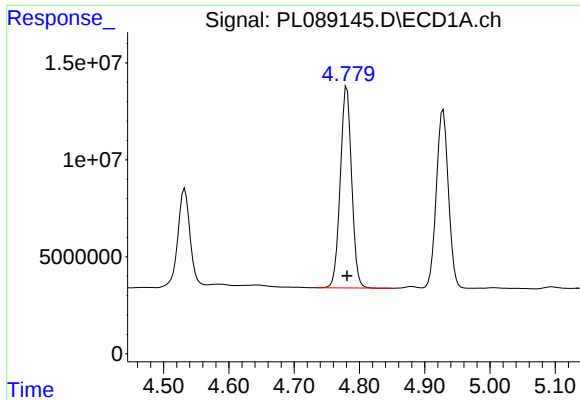
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 63765822
Conc: 47.52 ng/ml



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 42130604
Conc: 50.41 ng/ml



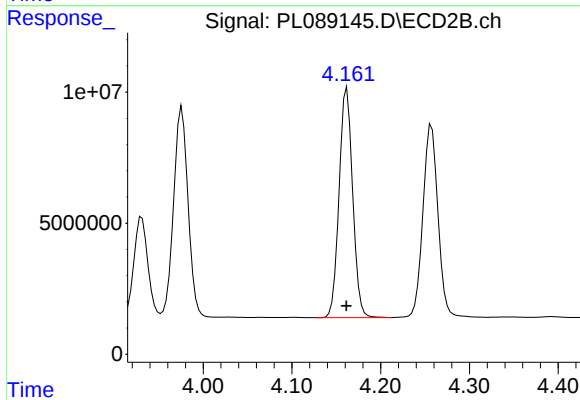
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: 0.000 min
Response: 125786864
Conc: 47.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
LNG-11MSD

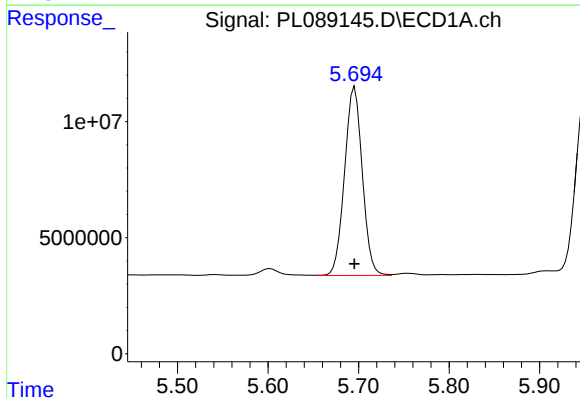
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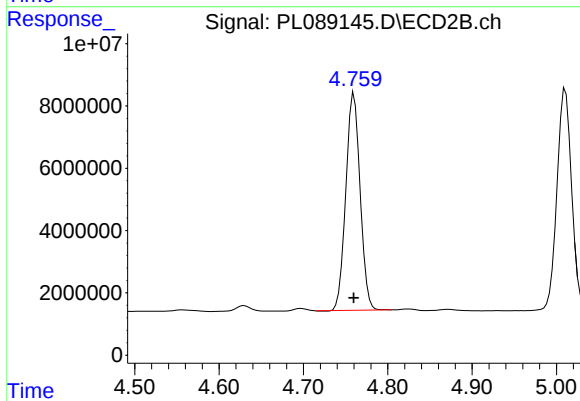
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: 0.000 min
Response: 93126384
Conc: 51.01 ng/ml



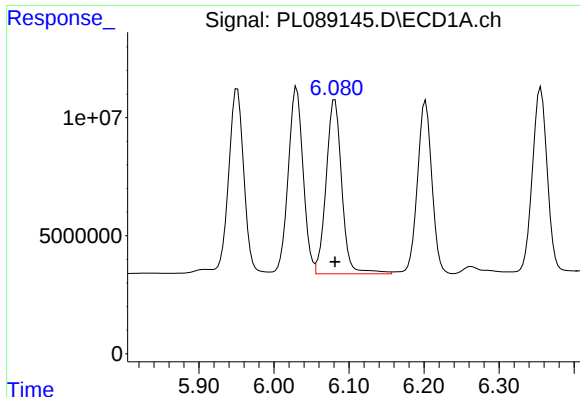
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 110586842
Conc: 46.87 ng/ml



#8 Heptachlor epoxide

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 82129747
Conc: 49.46 ng/ml



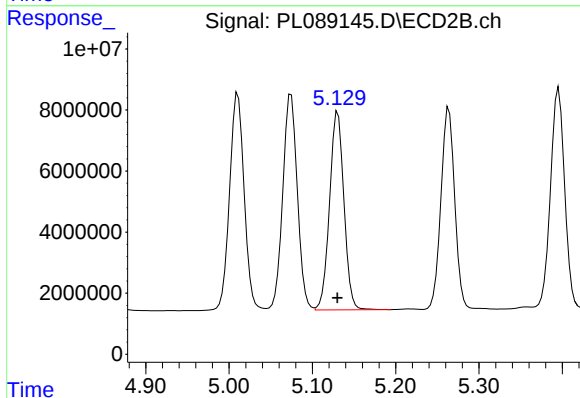
#9 Endosulfan I

R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 107100607
Conc: 48.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
LNG-11MSD

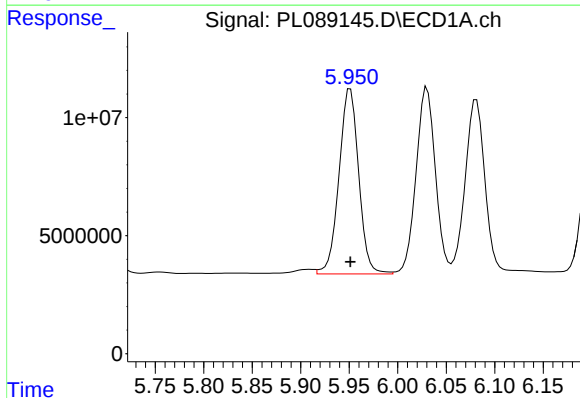
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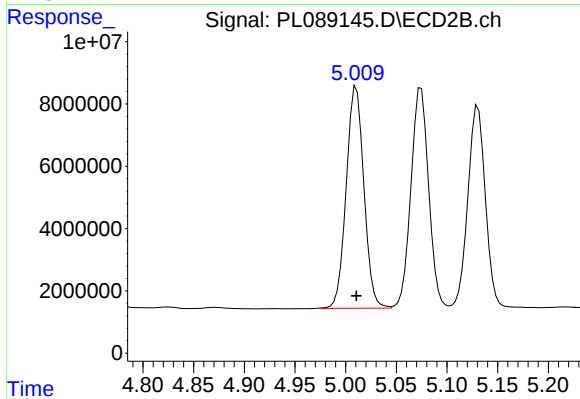
#9 Endosulfan I

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 77947516
Conc: 51.86 ng/ml



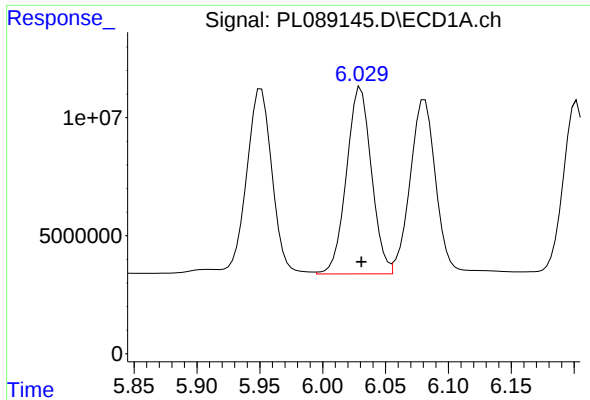
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 110680621
Conc: 48.15 ng/ml



#10 gamma-Chlordane

R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 86473169
Conc: 52.71 ng/ml



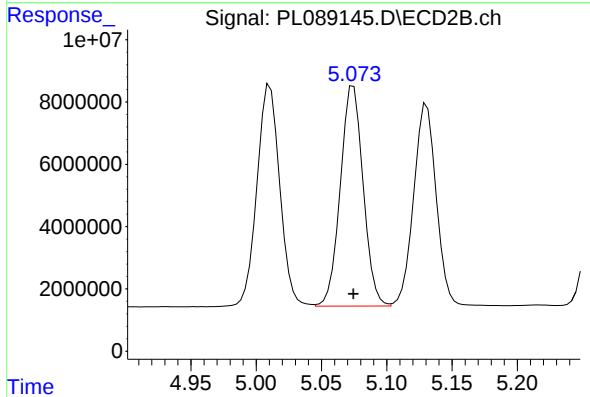
#11 alpha-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 109232378
Conc: 47.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
LNG-11MSD

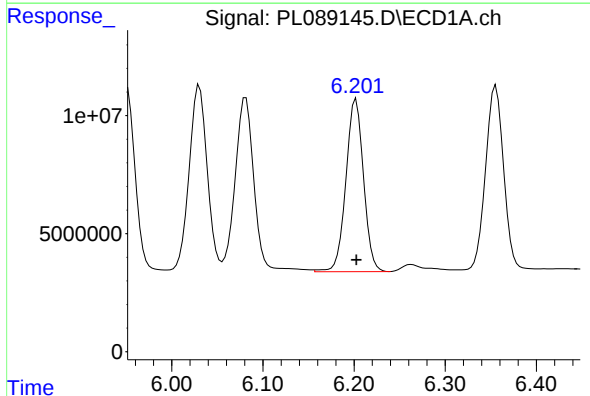
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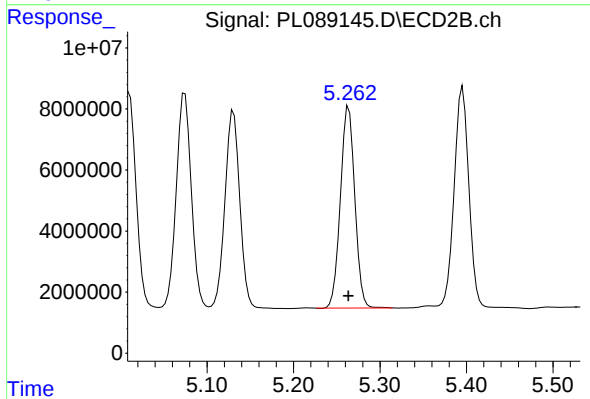
#11 alpha-Chlordane

R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 86108074
Conc: 52.07 ng/ml



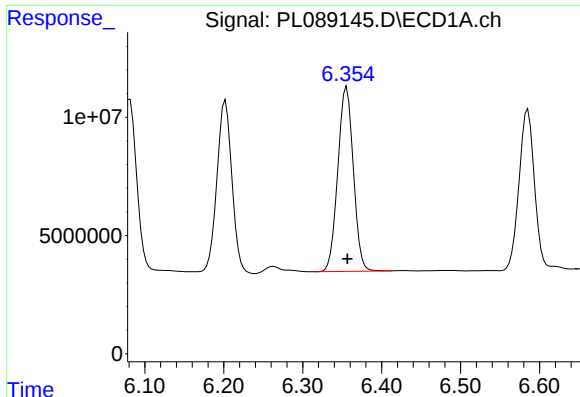
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 98128818
Conc: 48.83 ng/ml



#12 4,4'-DDE

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 75922434
Conc: 51.63 ng/ml



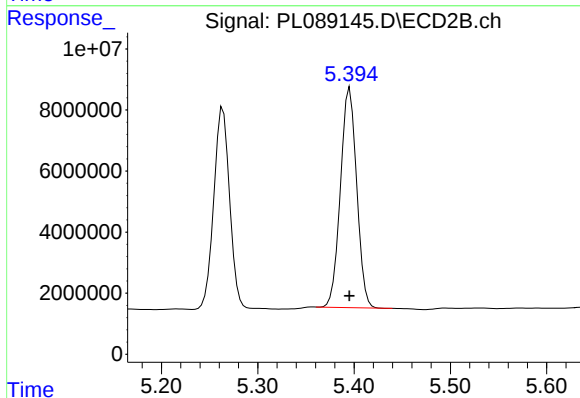
#13 Dieldrin

R.T.: 6.354 min
Delta R.T.: -0.002 min
Response: 106563341
Conc: 47.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
LNG-11MSD

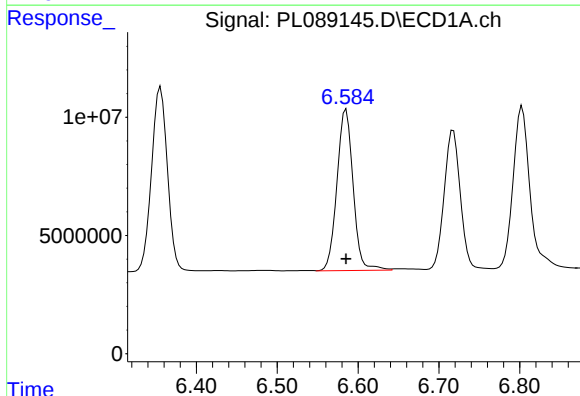
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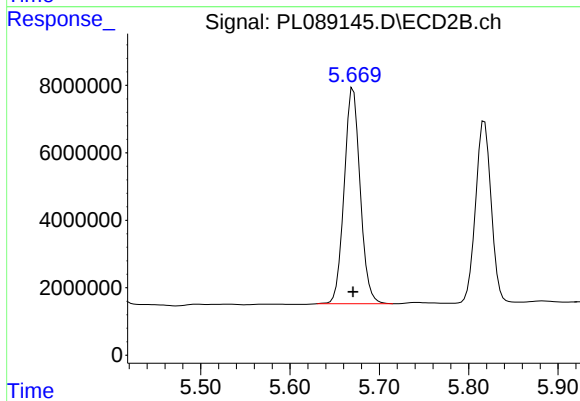
#13 Dieldrin

R.T.: 5.396 min
Delta R.T.: 0.000 min
Response: 84063921
Conc: 51.42 ng/ml



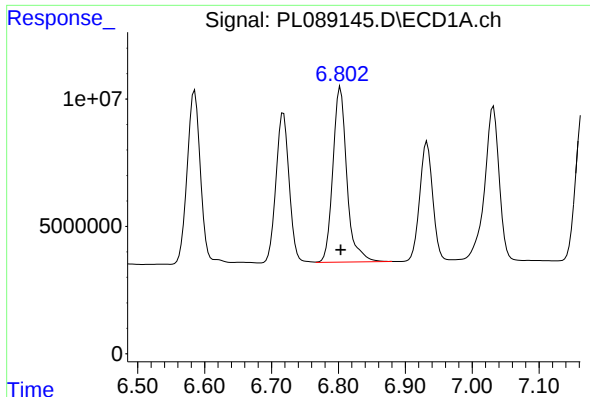
#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 94523169
Conc: 50.30 ng/ml



#14 Endrin

R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 79492449
Conc: 54.70 ng/ml



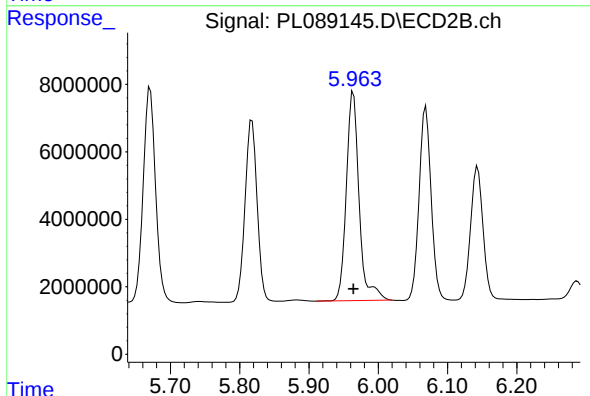
#15 Endosulfan II

R.T.: 6.803 min
Delta R.T.: 0.000 min
Response: 99751808
Conc: 51.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
LNG-11MSD

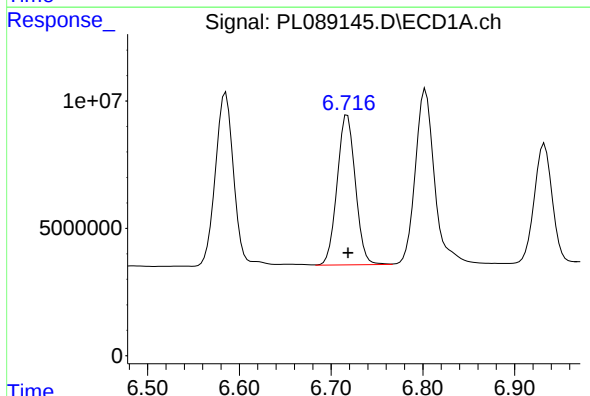
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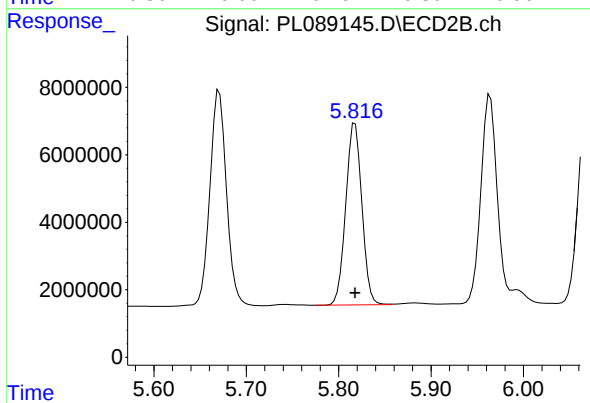
#15 Endosulfan II

R.T.: 5.964 min
Delta R.T.: 0.000 min
Response: 79621269
Conc: 55.69 ng/ml



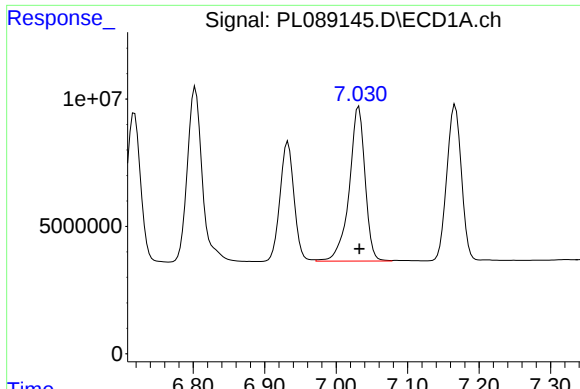
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 81252316
Conc: 50.41 ng/ml



#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: 0.000 min
Response: 65235008
Conc: 53.87 ng/ml



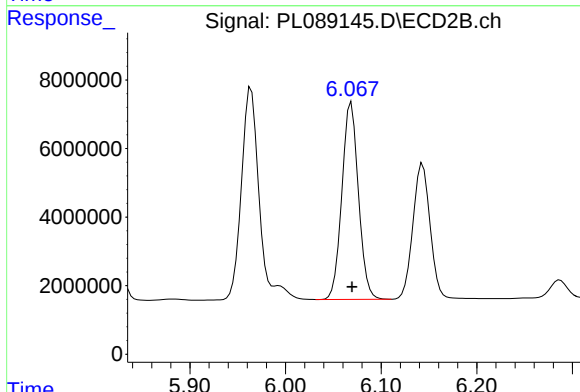
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 93333953
Conc: 51.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
LNG-11MSD

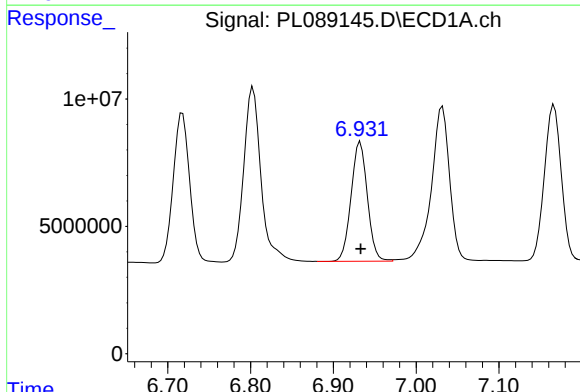
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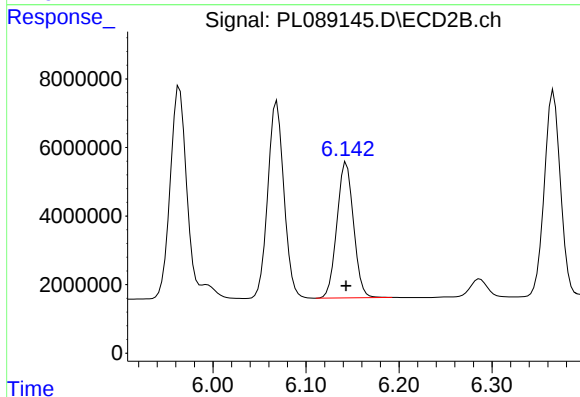
#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 69174799
Conc: 52.77 ng/ml



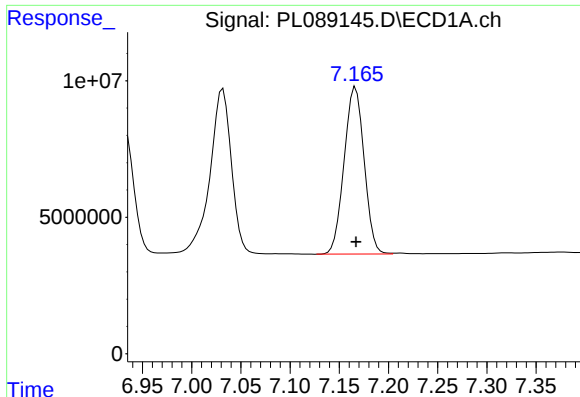
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 64063656
Conc: 43.77 ng/ml



#18 Endrin aldehyde

R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 49095112
Conc: 44.67 ng/ml



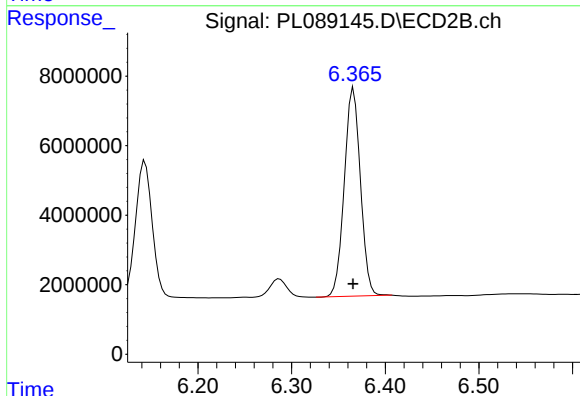
#19 Endosulfan Sulfate

R.T.: 7.167 min
Delta R.T.: 0.000 min
Response: 86651392
Conc: 50.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
LNG-11MSD

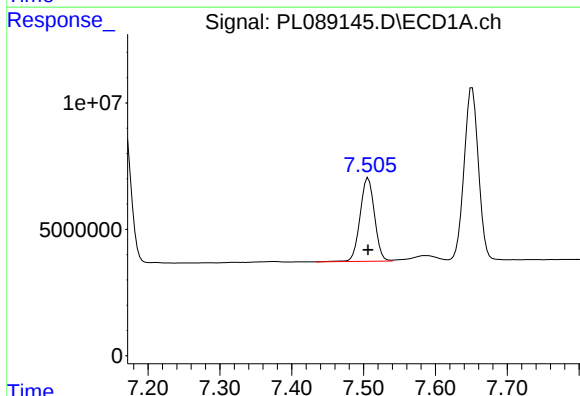
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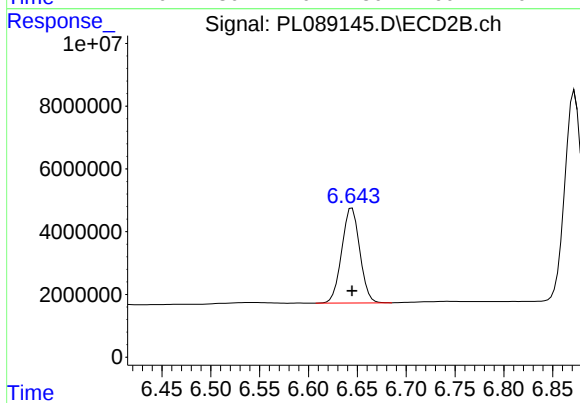
#19 Endosulfan Sulfate

R.T.: 6.366 min
Delta R.T.: 0.000 min
Response: 71799415
Conc: 53.12 ng/ml



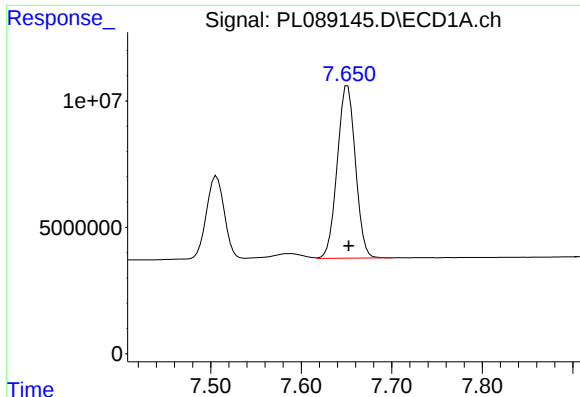
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.000 min
Response: 45869983
Conc: 52.06 ng/ml



#20 Methoxychlor

R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 38901250
Conc: 52.05 ng/ml



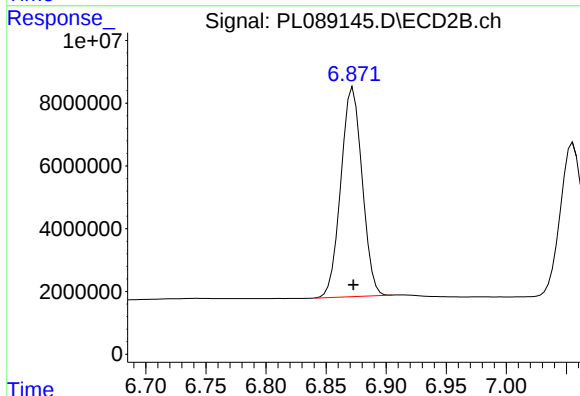
#21 Endrin ketone

R.T.: 7.651 min
Delta R.T.: -0.001 min
Response: 95301963
Conc: 49.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
LNG-11MSD

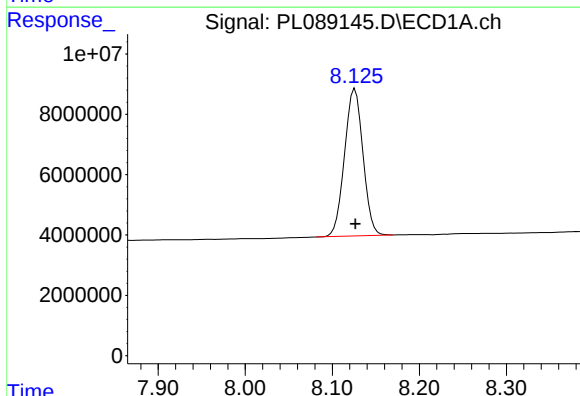
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2024
Supervised By :Ankita Jodhani 04/24/2024



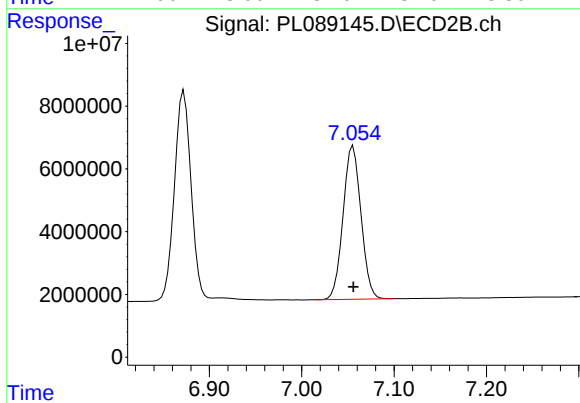
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 82320890
Conc: 52.01 ng/ml



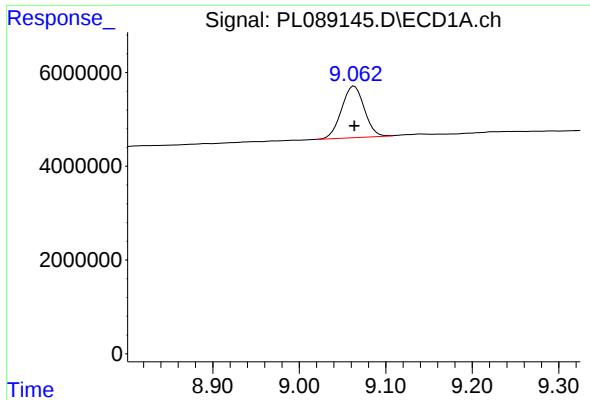
#22 Mirex

R.T.: 8.125 min
Delta R.T.: -0.002 min
Response: 71783210
Conc: 48.88 ng/ml m



#22 Mirex

R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 65925923
Conc: 49.86 ng/ml



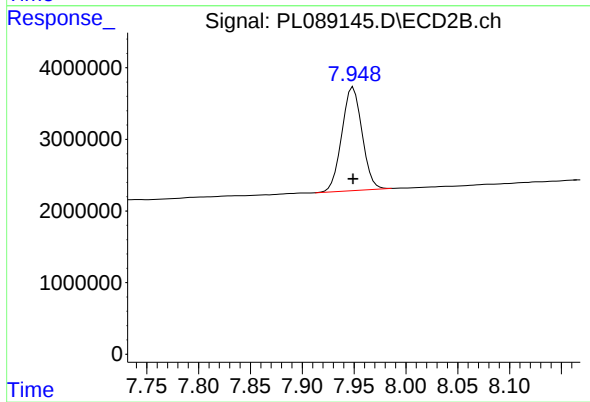
#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 20015099
Conc: 15.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
LNG-11MSD

Manual Integrations
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Supervised By :Ankita Jodhani 04/24/2024



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.000 min
Response: 19641511
Conc: 14.67 ng/ml