

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092723\
 Data File : PL085539.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Sep 2023 14:28
 Operator : AR\AJ
 Sample : 04621-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ETGI-287MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/28/2023
 Supervised By :Ankita Jodhani 09/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 21:33:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092523.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 26 01:26:21 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...	3.414	2.650	37196719	17170280	14.463	15.133m
28)	SA Decachlor...	8.945	7.826	28876817	18491508	14.071	15.575
Target Compounds							
2)	A alpha-BHC	3.870	3.154	136.6E6	66901183	37.384	40.456
3)	MA gamma-BHC...	4.201	3.484	141.6E6	67355150	39.938m	42.007
4)	MA Heptachlor	4.792	3.823	139.2E6	70328850	41.244	46.013
5)	MB Aldrin	5.130	4.101	152.6E6	64848556	45.485m	42.496
6)	B beta-BHC	4.403	3.787	67189040	26983528	43.025m	40.008
7)	B delta-BHC	4.649	4.013	140.4E6	65100799	40.851	42.045
8)	B Heptachlo...	5.562	4.607	163.8E6	70164460	57.047m	52.055
9)	A Endosulfan I	5.947	4.976	107.8E6	51914940	39.481m	40.637m
10)	B gamma-Chl...	5.822	4.860	288.9E6	122.5E6	99.543	91.312
11)	B alpha-Chl...	5.902	4.924	408.4E6	157.0E6	141.464	114.159
12)	B 4,4'-DDE	6.083	5.123	136.7E6	80241530	55.048	66.654
13)	MA Dieldrin	6.226	5.244	132.8E6	63643022	46.815	46.573
14)	MA Endrin	6.453	5.518	90710767	59407434	38.069m	49.193 #
15)	B Endosulfa...	6.678	5.818	101.8E6	71731356	38.967	59.537 #
16)	A 4,4'-DDD	6.601	5.681	76264112	42137911	38.026m	42.015
17)	MA 4,4'-DDT	6.918	5.933	172.3E6	92517774	82.074	86.162
18)	B Endrin al...	6.808	5.999	76286864	39933255	42.308	40.622
19)	B Endosulfa...	7.045	6.224	91976324	47460887	39.719	41.887
20)	A Methoxychlor	7.402	6.521	67161625	35032898	50.421	55.254
21)	B Endrin ke...	7.528	6.728	98792660	51238512	39.648	32.734
22)	Mirex	8.002	6.906	83361410	40871536	42.178	36.176

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092723\
Data File : PL085539.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Sep 2023 14:28
Operator : AR\AJ
Sample : 04621-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

ETGI-287MS

Manual Integrations

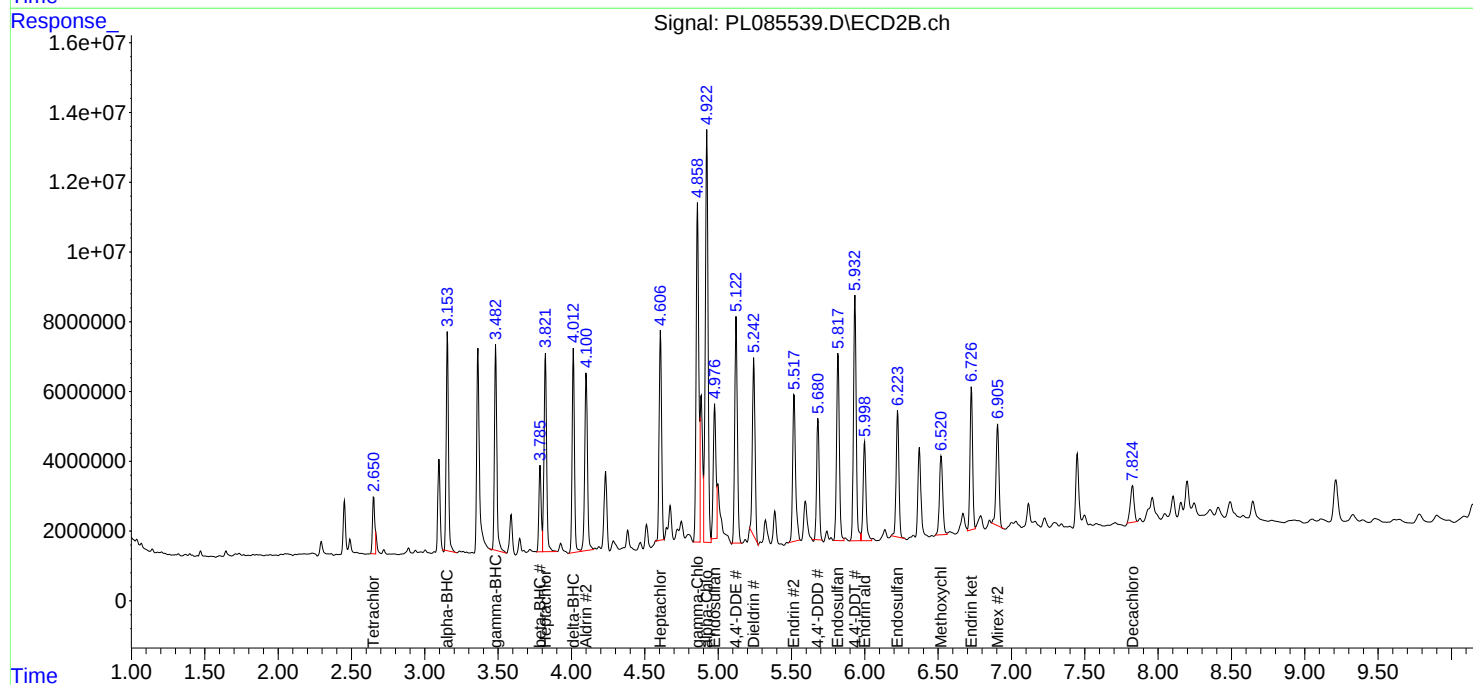
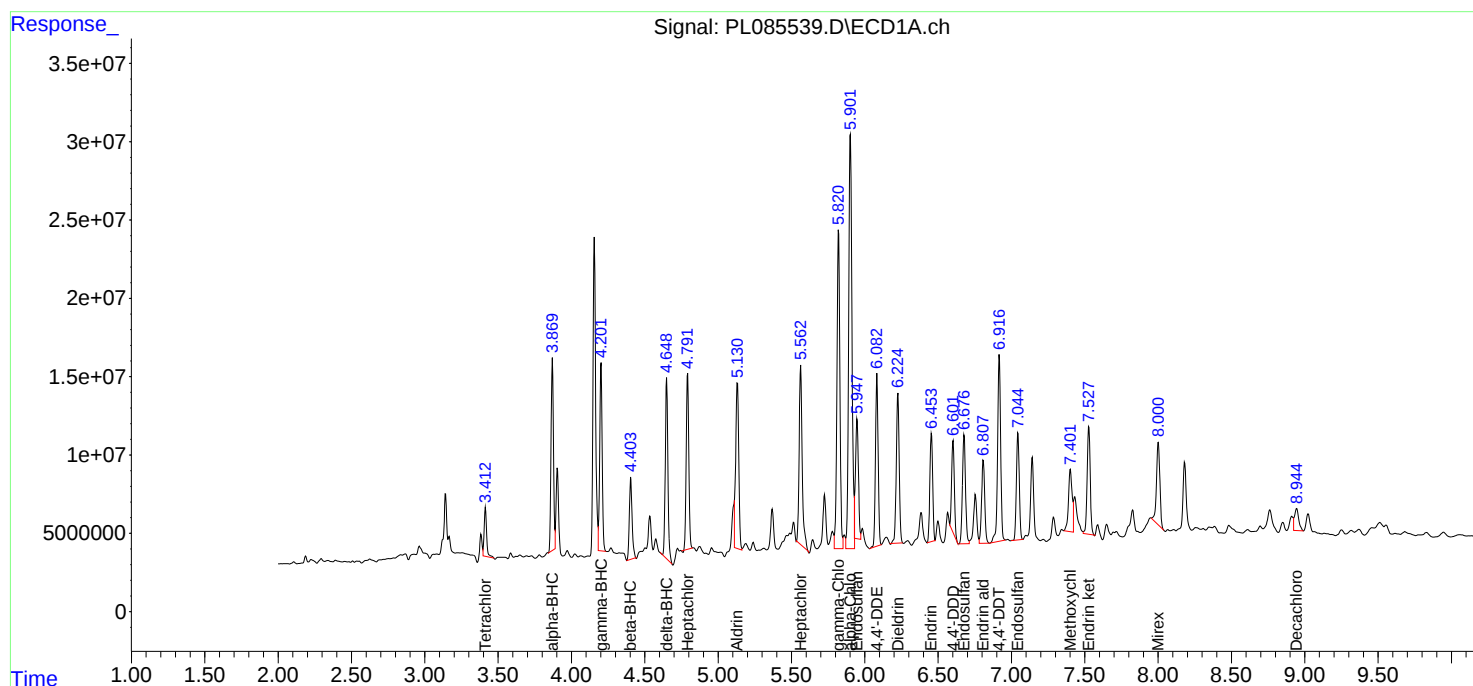
APPROVED

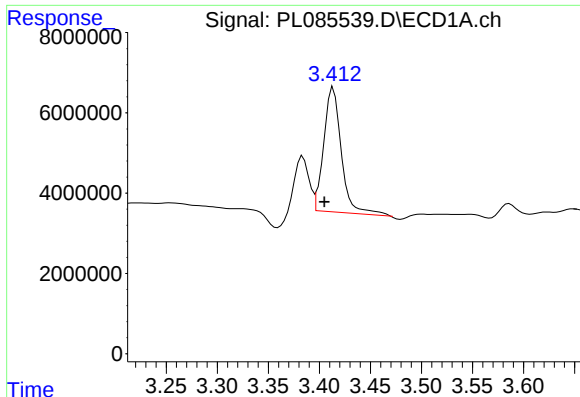
Reviewed By :Abdul Mirza 09/28/2023

Supervised By :Ankita Jodhani 09/28/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 27 21:33:45 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092523.M
Quant Title : GC Extractables
QLast Update : Tue Sep 26 01:26:21 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





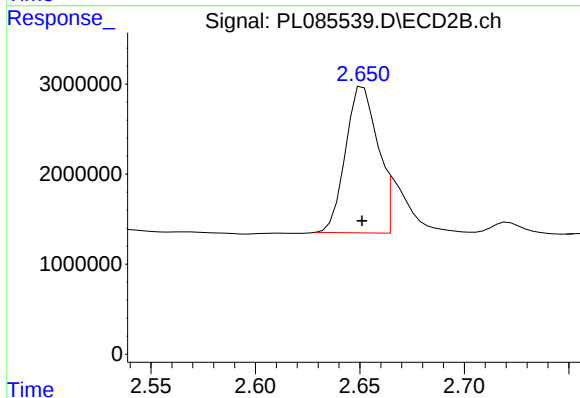
#1 Tetrachloro-m-xylene

R.T.: 3.414 min
Delta R.T.: 0.009 min
Response: 37196719
Conc: 14.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-287MS

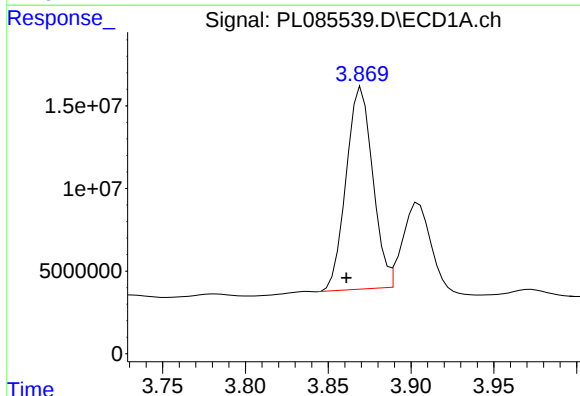
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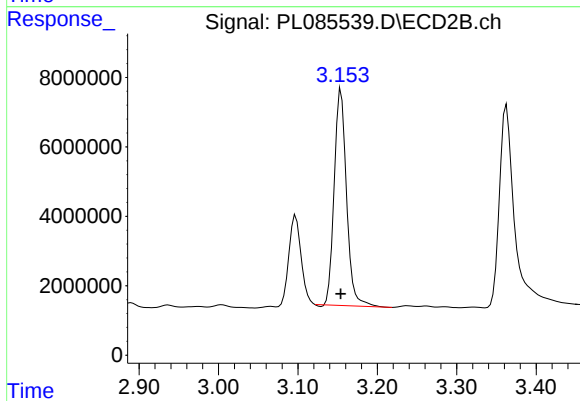
#1 Tetrachloro-m-xylene

R.T.: 2.650 min
Delta R.T.: 0.000 min
Response: 17170280
Conc: 15.13 ng/ml m



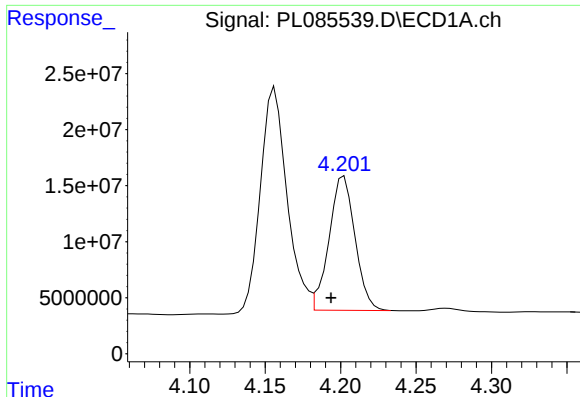
#2 alpha-BHC

R.T.: 3.870 min
Delta R.T.: 0.009 min
Response: 136561467
Conc: 37.38 ng/ml



#2 alpha-BHC

R.T.: 3.154 min
Delta R.T.: 0.000 min
Response: 66901183
Conc: 40.46 ng/ml



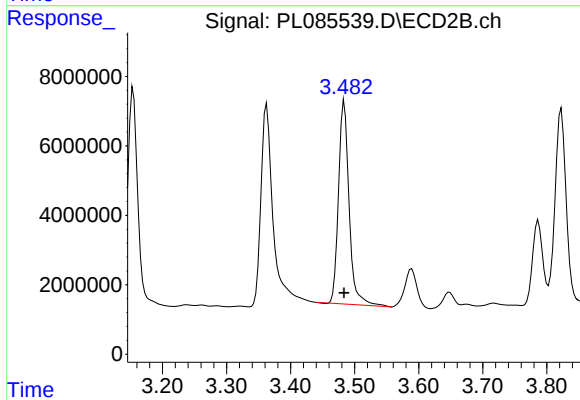
#3 gamma-BHC (Lindane)

R.T.: 4.201 min
Delta R.T.: 0.007 min
Response: 141634616
Conc: 39.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-287MS

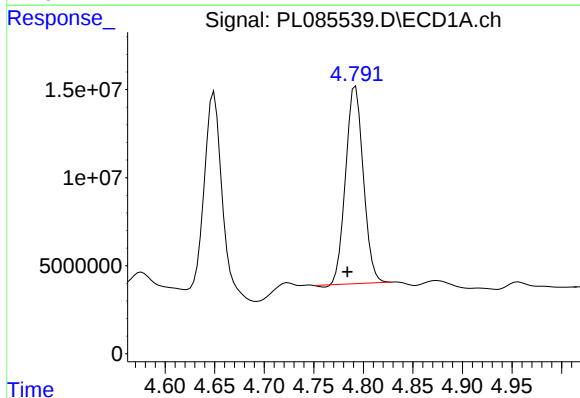
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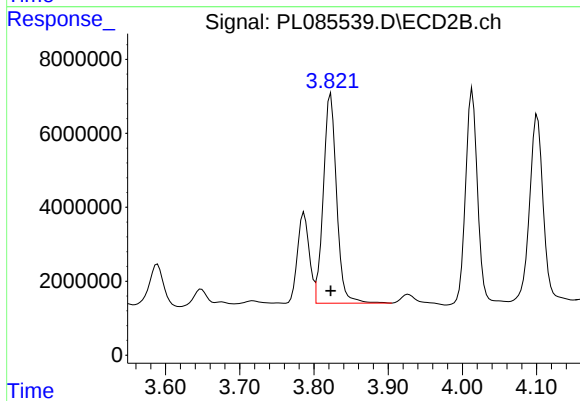
#3 gamma-BHC (Lindane)

R.T.: 3.484 min
Delta R.T.: 0.000 min
Response: 67355150
Conc: 42.01 ng/ml



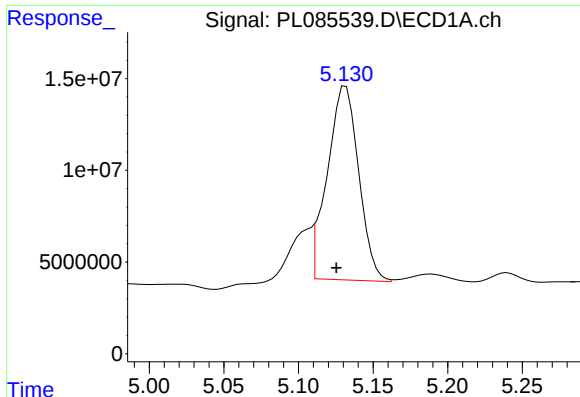
#4 Heptachlor

R.T.: 4.792 min
Delta R.T.: 0.008 min
Response: 139212163
Conc: 41.24 ng/ml



#4 Heptachlor

R.T.: 3.823 min
Delta R.T.: 0.000 min
Response: 70328850
Conc: 46.01 ng/ml



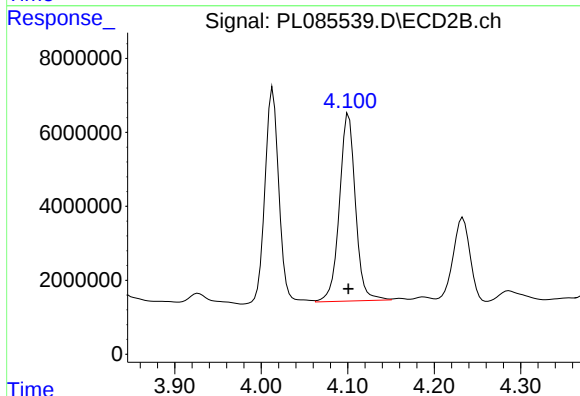
#5 Aldrin

R.T.: 5.130 min
Delta R.T.: 0.005 min
Response: 152570857
Conc: 45.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-287MS

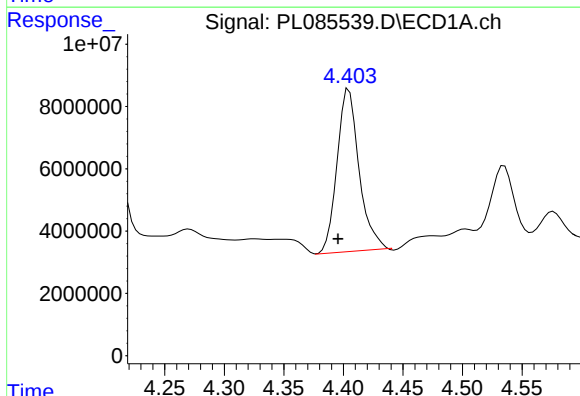
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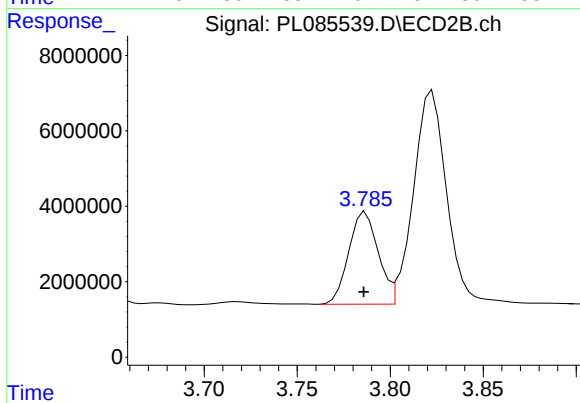
#5 Aldrin

R.T.: 4.101 min
Delta R.T.: 0.000 min
Response: 64848556
Conc: 42.50 ng/ml



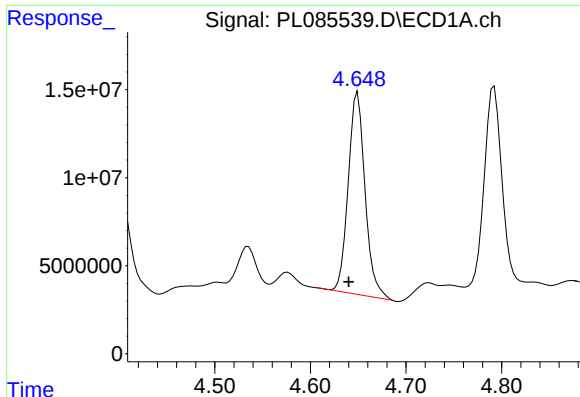
#6 beta-BHC

R.T.: 4.403 min
Delta R.T.: 0.008 min
Response: 67189040
Conc: 43.03 ng/ml m



#6 beta-BHC

R.T.: 3.787 min
Delta R.T.: 0.001 min
Response: 26983528
Conc: 40.01 ng/ml



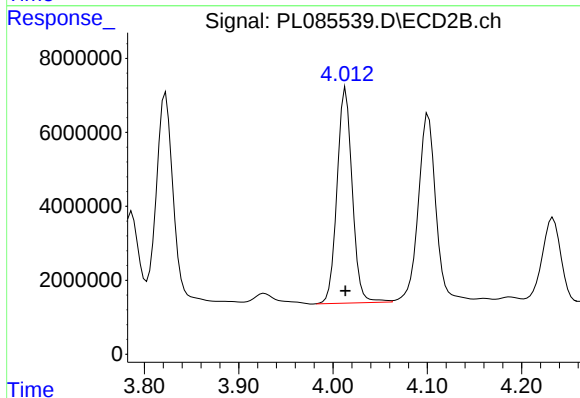
#7 delta-BHC

R.T.: 4.649 min
Delta R.T.: 0.009 min
Response: 140446090
Conc: 40.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-287MS

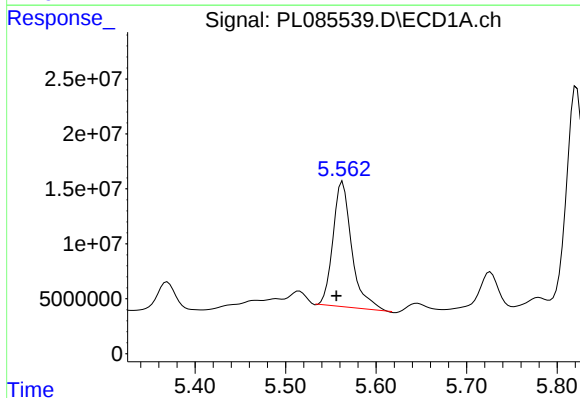
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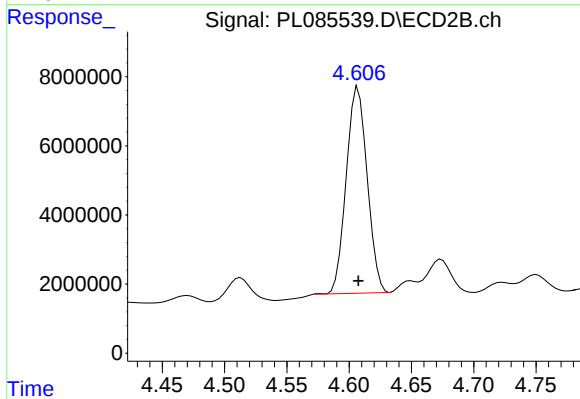
#7 delta-BHC

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 65100799
Conc: 42.05 ng/ml



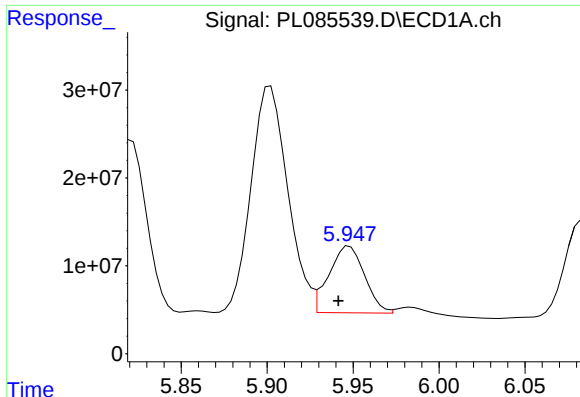
#8 Heptachlor epoxide

R.T.: 5.562 min
Delta R.T.: 0.006 min
Response: 163771502
Conc: 57.05 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.607 min
Delta R.T.: 0.000 min
Response: 70164460
Conc: 52.05 ng/ml



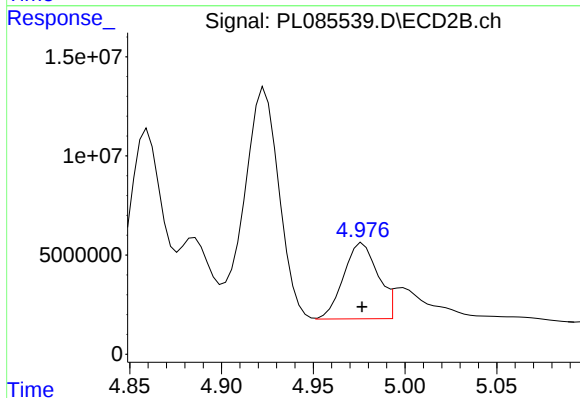
#9 Endosulfan I

R.T.: 5.947 min
Delta R.T.: 0.005 min
Response: 107846870
Conc: 39.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-287MS

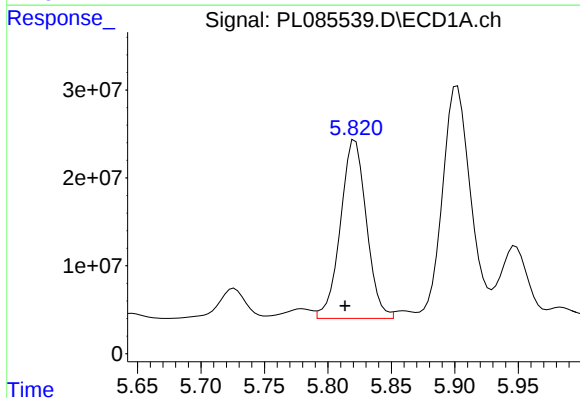
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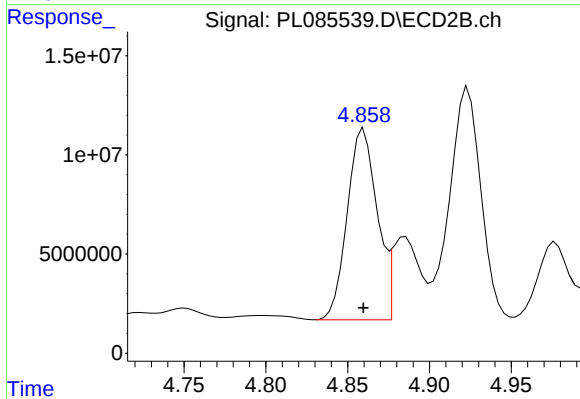
#9 Endosulfan I

R.T.: 4.976 min
Delta R.T.: -0.001 min
Response: 51914940
Conc: 40.64 ng/ml m



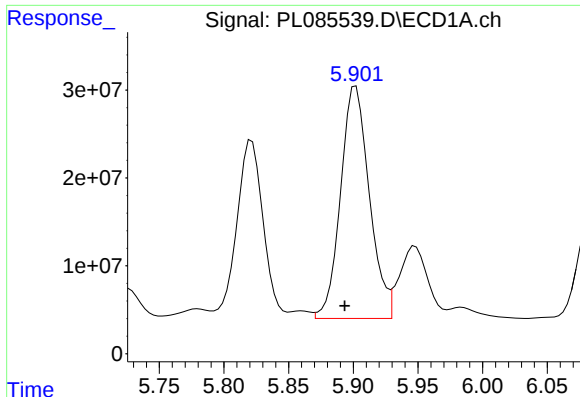
#10 gamma-Chlordane

R.T.: 5.822 min
Delta R.T.: 0.008 min
Response: 288882402
Conc: 99.54 ng/ml



#10 gamma-Chlordane

R.T.: 4.860 min
Delta R.T.: 0.000 min
Response: 122483565
Conc: 91.31 ng/ml



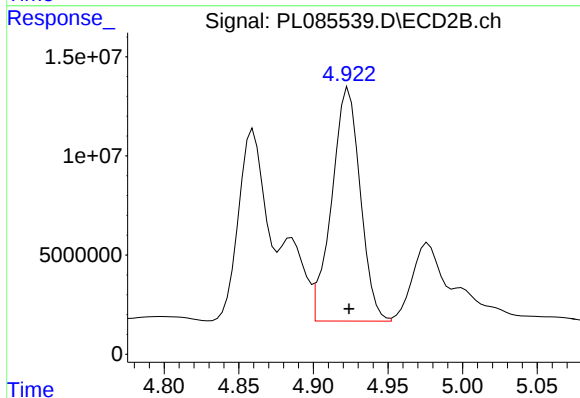
#11 alpha-Chlordane

R.T.: 5.902 min
Delta R.T.: 0.009 min
Response: 408358719
Conc: 141.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-287MS

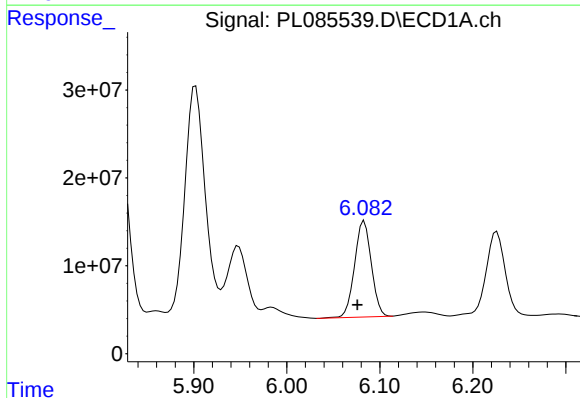
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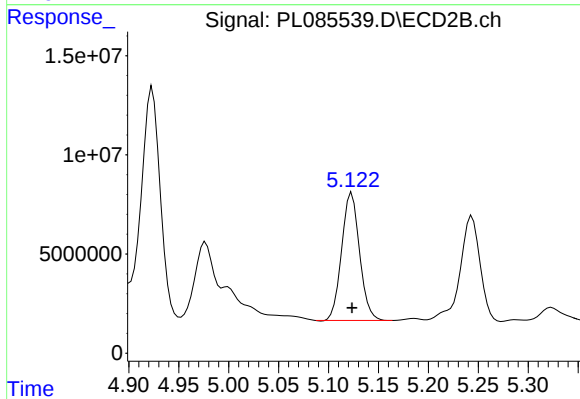
#11 alpha-Chlordane

R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 156952525
Conc: 114.16 ng/ml



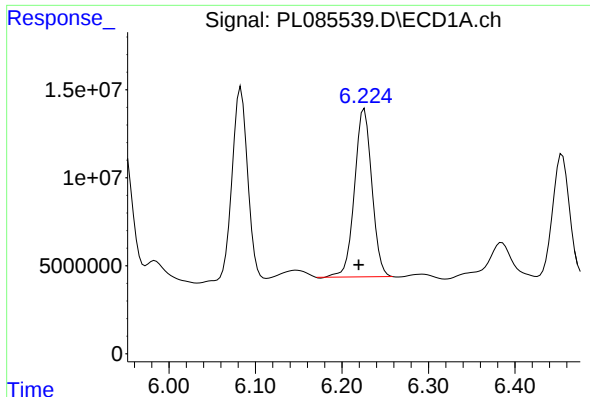
#12 4,4'-DDE

R.T.: 6.083 min
Delta R.T.: 0.007 min
Response: 136731556
Conc: 55.05 ng/ml



#12 4,4'-DDE

R.T.: 5.123 min
Delta R.T.: 0.000 min
Response: 80241530
Conc: 66.65 ng/ml



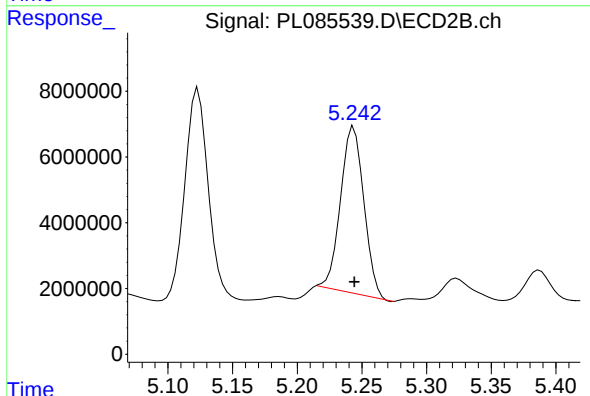
#13 Dieldrin

R.T.: 6.226 min
Delta R.T.: 0.006 min
Response: 132785105
Conc: 46.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-287MS

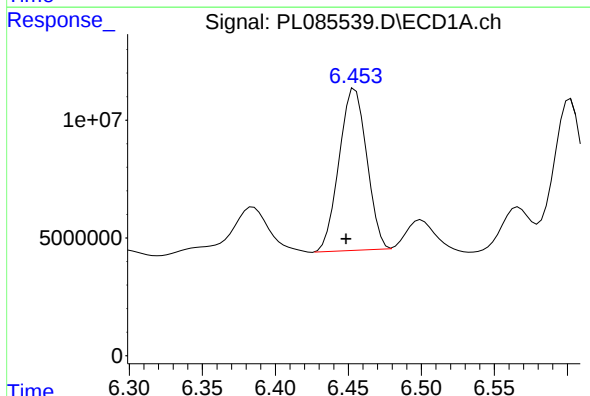
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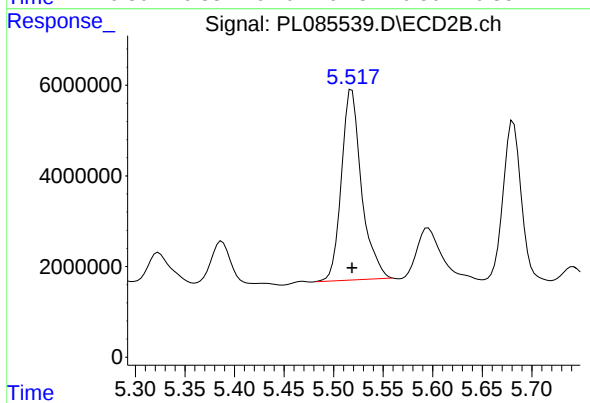
#13 Dieldrin

R.T.: 5.244 min
Delta R.T.: 0.000 min
Response: 63643022
Conc: 46.57 ng/ml



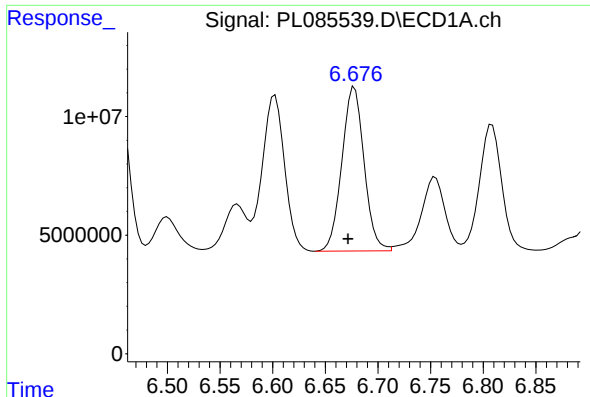
#14 Endrin

R.T.: 6.453 min
Delta R.T.: 0.005 min
Response: 90710767
Conc: 38.07 ng/ml m



#14 Endrin

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 59407434
Conc: 49.19 ng/ml



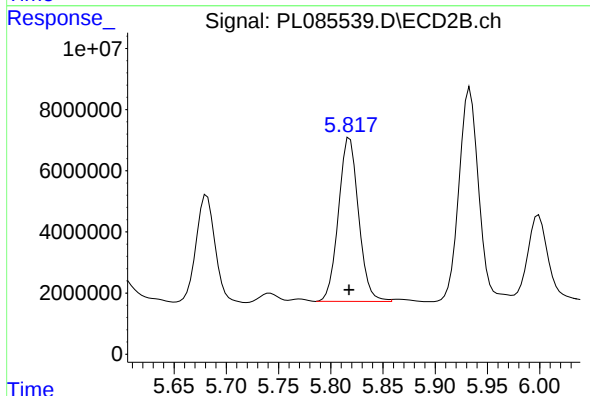
#15 Endosulfan II

R.T.: 6.678 min
Delta R.T.: 0.006 min
Response: 101801807
Conc: 38.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-287MS

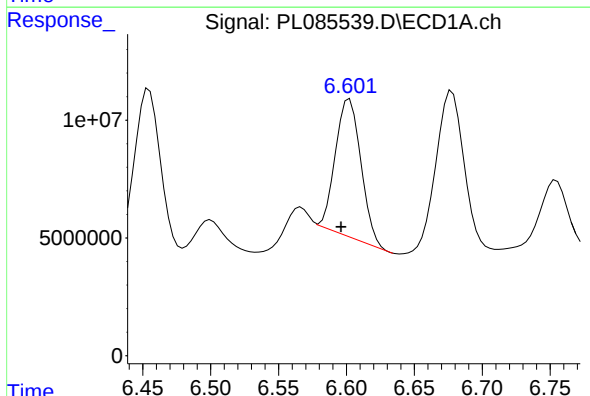
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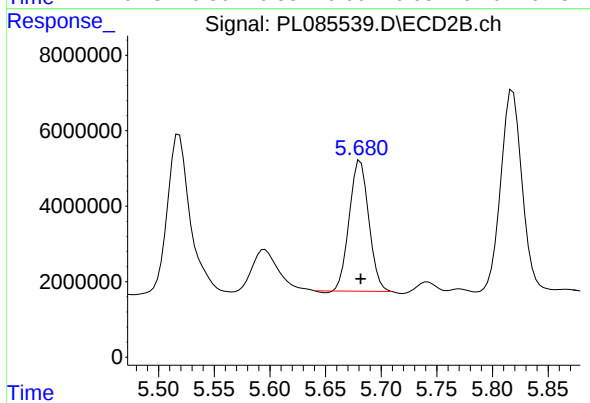
#15 Endosulfan II

R.T.: 5.818 min
Delta R.T.: 0.000 min
Response: 71731356
Conc: 59.54 ng/ml



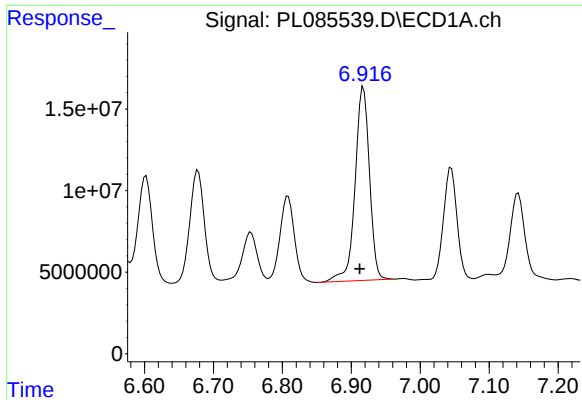
#16 4,4'-DDD

R.T.: 6.601 min
Delta R.T.: 0.005 min
Response: 76264112
Conc: 38.03 ng/ml m



#16 4,4'-DDD

R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 42137911
Conc: 42.02 ng/ml



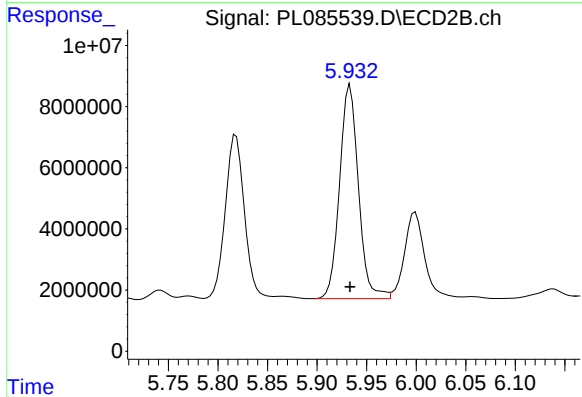
#17 4,4'-DDT

R.T.: 6.918 min
Delta R.T.: 0.005 min
Response: 172309528
Conc: 82.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-287MS

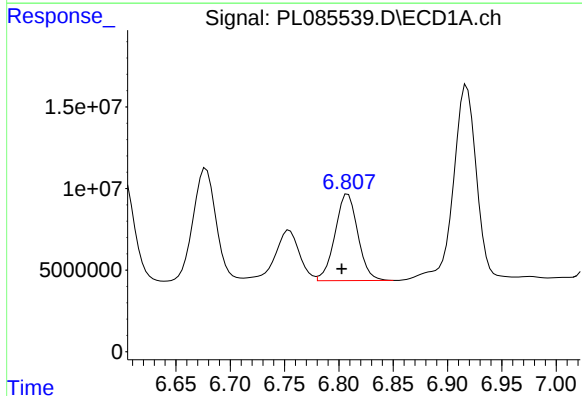
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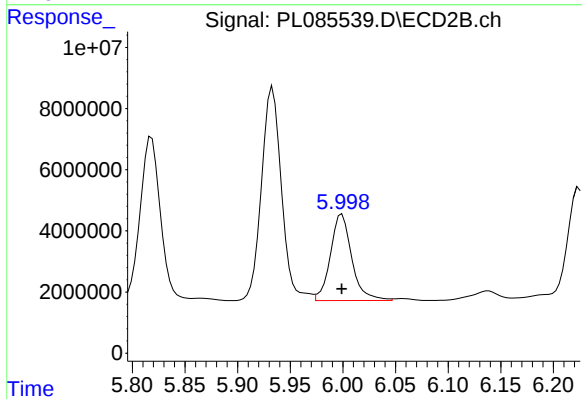
#17 4,4'-DDT

R.T.: 5.933 min
Delta R.T.: 0.000 min
Response: 92517774
Conc: 86.16 ng/ml



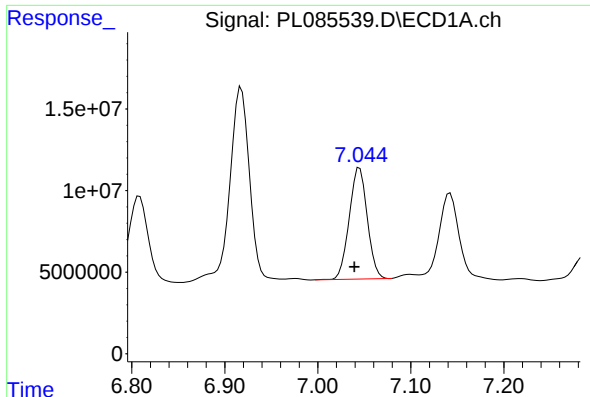
#18 Endrin aldehyde

R.T.: 6.808 min
Delta R.T.: 0.006 min
Response: 76286864
Conc: 42.31 ng/ml



#18 Endrin aldehyde

R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 39933255
Conc: 40.62 ng/ml



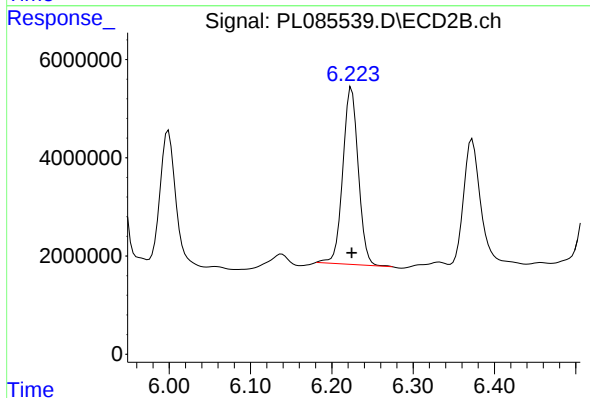
#19 Endosulfan Sulfate

R.T.: 7.045 min
Delta R.T.: 0.005 min
Response: 91976324
Conc: 39.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-287MS

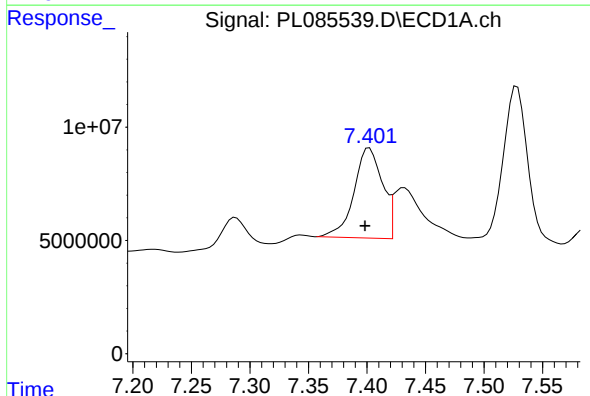
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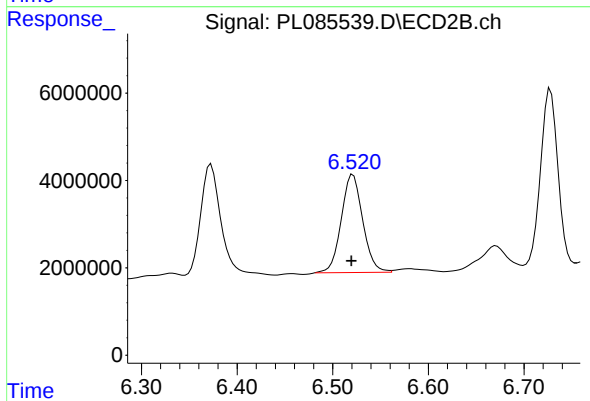
#19 Endosulfan Sulfate

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 47460887
Conc: 41.89 ng/ml



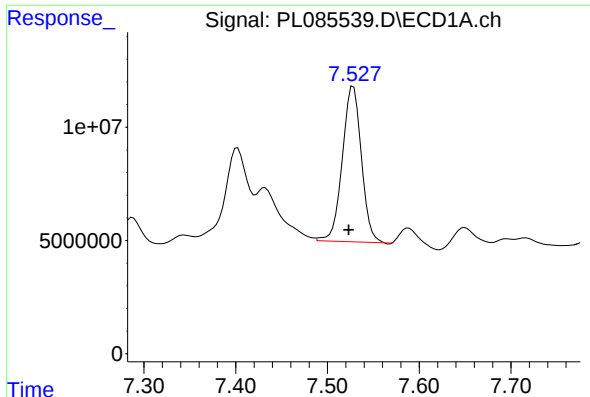
#20 Methoxychlor

R.T.: 7.402 min
Delta R.T.: 0.004 min
Response: 67161625
Conc: 50.42 ng/ml



#20 Methoxychlor

R.T.: 6.521 min
Delta R.T.: 0.002 min
Response: 35032898
Conc: 55.25 ng/ml



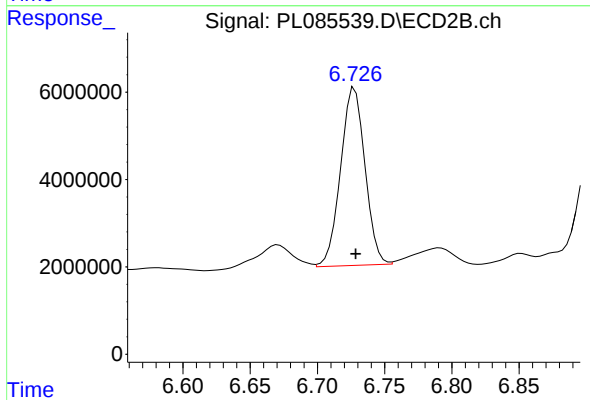
#21 Endrin ketone

R.T.: 7.528 min
Delta R.T.: 0.005 min
Response: 98792660
Conc: 39.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-287MS

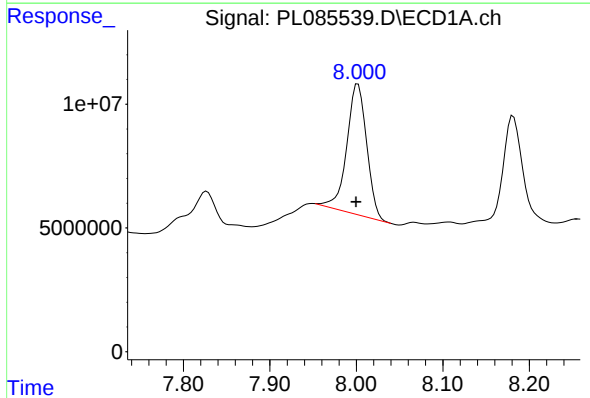
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/28/2023
Supervised By :Ankita Jodhani 09/28/2023



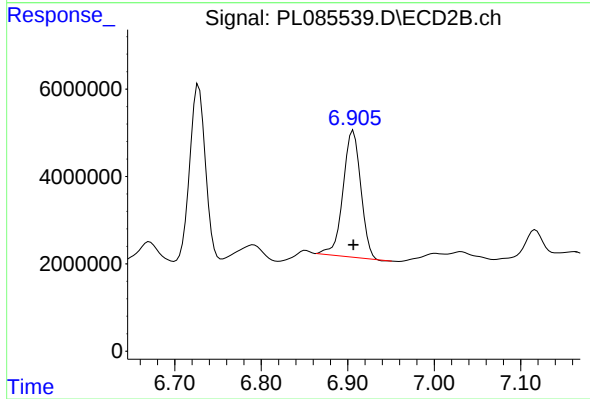
#21 Endrin ketone

R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 51238512
Conc: 32.73 ng/ml



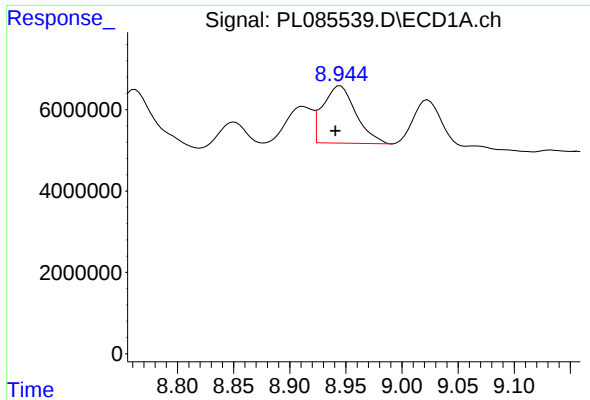
#22 Mirex

R.T.: 8.002 min
Delta R.T.: 0.002 min
Response: 83361410
Conc: 42.18 ng/ml



#22 Mirex

R.T.: 6.906 min
Delta R.T.: 0.000 min
Response: 40871536
Conc: 36.18 ng/ml



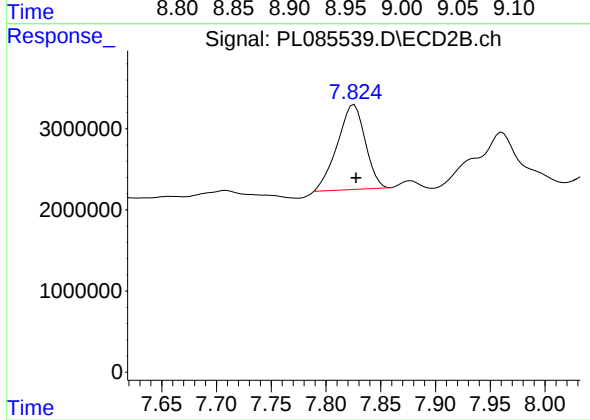
#28 Decachlorobiphenyl

R.T.: 8.945 min
Delta R.T.: 0.004 min
Response: 28876817
Conc: 14.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-287MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.826 min
Delta R.T.: -0.002 min
Response: 18491508
Conc: 15.57 ng/ml