

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL043024\
 Data File : PL089290.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Apr 2024 18:30
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/01/2024
 Supervised By :mohammad ahmed 05/02/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 01 01:19:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 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...	3.551	2.798	107.2E6	72339283	53.229	56.381
28)	SA Decachlor...	9.067	7.950	67207588	66033830	48.039	49.089
Target Compounds							
2)	A alpha-BHC	4.007	3.303	153.2E6	110.5E6	53.709	58.553
3)	MA gamma-BHC...	4.339	3.634	148.1E6	106.7E6	53.190	57.841
4)	MA Heptachlor	4.929	3.976	129.5E6	99260810	52.207	56.646
5)	MB Aldrin	5.269	4.257	130.2E6	104.3E6	50.683m	59.013
6)	B beta-BHC	4.533	3.931	65607069	45724662	52.005	56.004
7)	B delta-BHC	4.781	4.162	141.9E6	106.3E6	53.489	59.108
8)	B Heptachlo...	5.695	4.760	120.4E6	91398833	51.352m	56.532
9)	A Endosulfan I	6.082	5.130	111.3E6	80241428	51.771	53.577
10)	B gamma-Chl...	5.950	5.010	114.2E6	92832393	49.944m	56.573
11)	B alpha-Chl...	6.030	5.074	112.3E6	92837764	49.385m	56.293
12)	B 4,4'-DDE	6.203	5.263	101.3E6	84233940	50.065	57.933
13)	MA Dieldrin	6.356	5.395	112.1E6	91446574	50.093	56.845
14)	MA Endrin	6.585	5.670	91515207	80973483	48.310m	56.323
15)	B Endosulfa...	6.803	5.964	95154617	78215590	47.677m	54.380
16)	A 4,4'-DDD	6.718	5.818	85165970	71849286	50.484m	58.261
17)	MA 4,4'-DDT	7.033	6.069	85362223	69871231	46.418	51.642
18)	B Endrin al...	6.934	6.143	76822958	60550877	50.799	54.437
19)	B Endosulfa...	7.168	6.366	89578527	72646171	49.522	52.370
20)	A Methoxychlor	7.508	6.645	45701076	38637704	46.472	48.322
21)	B Endrin ke...	7.653	6.873	99577899	84899751	49.748	53.096
22)	Mirex	8.128	7.057	75002929	67832491	48.261	49.722

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL043024\
Data File : PL089290.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2024 18:30
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

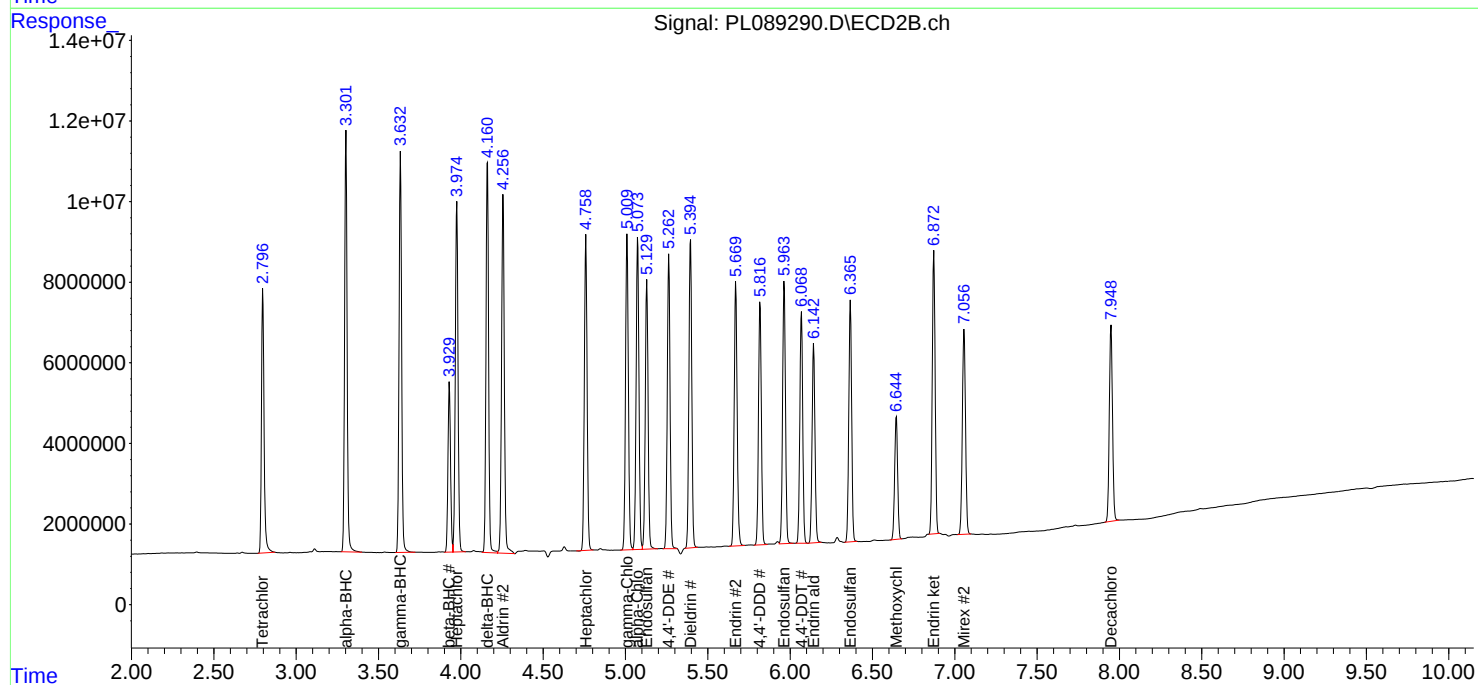
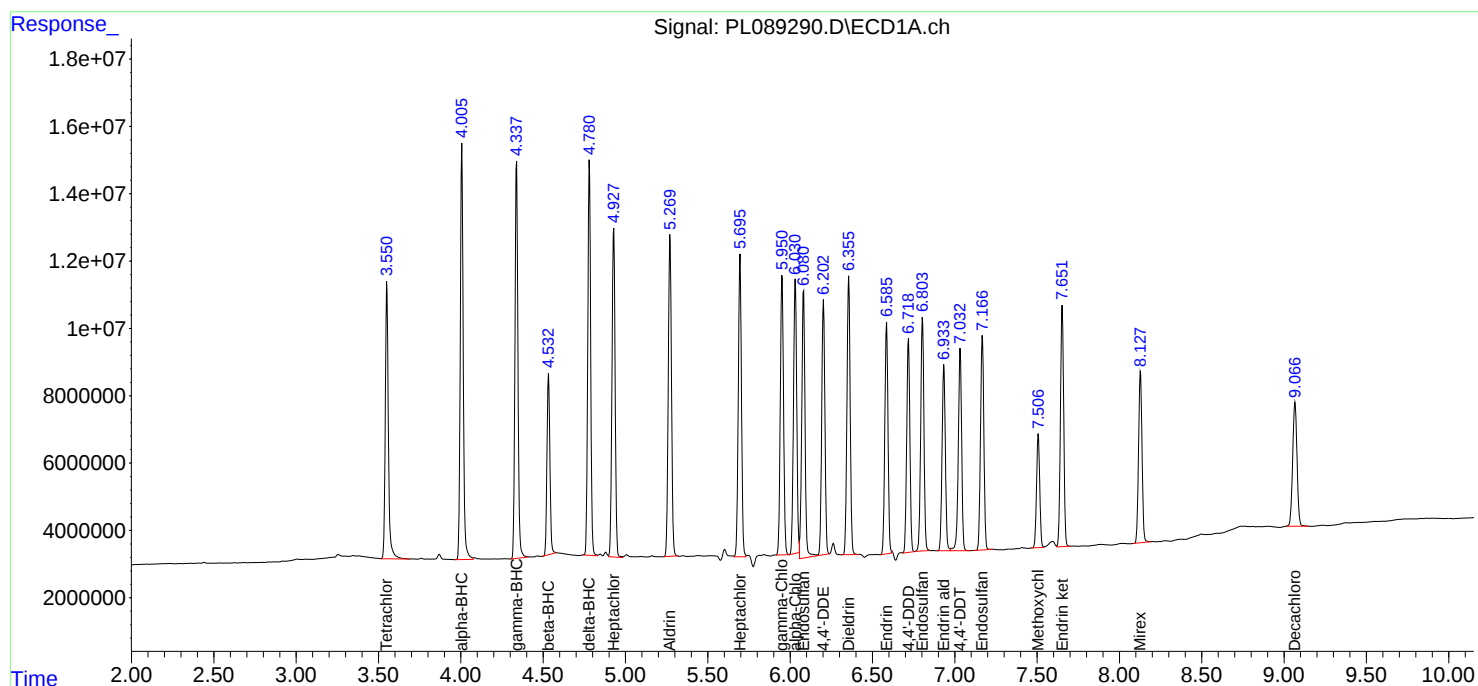
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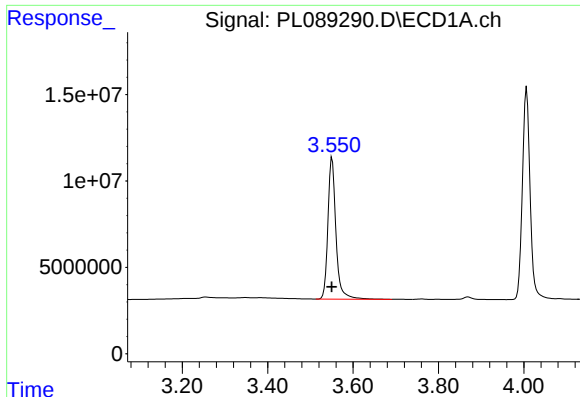
Reviewed By :Abdul Mirza 05/01/2024

Supervised By :mohammad ahmed 05/02/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 01:19:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
QLast Update : Fri Apr 26 19:27:30 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





#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 107185476
Conc: 53.23 ng/ml

Instrument :

ECD_L

ClientSampleId :

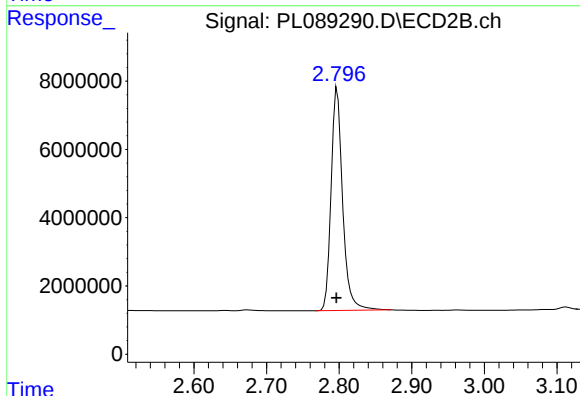
PSTDCCC050

Manual Integrations

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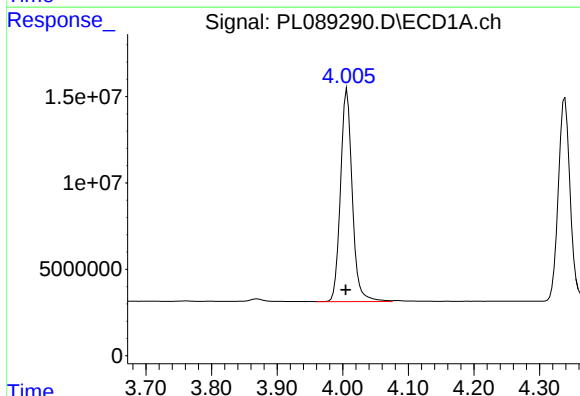
Reviewed By :Abdul Mirza 05/01/2024

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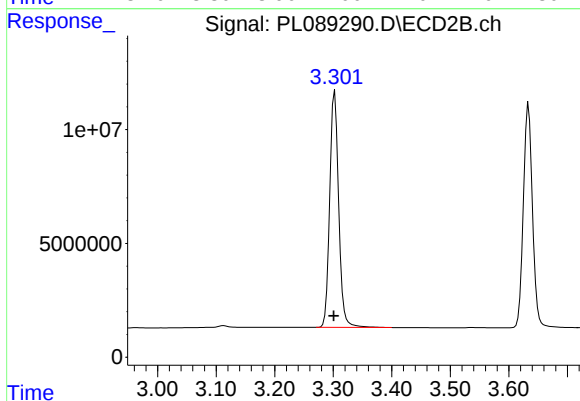
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.001 min
Response: 72339283
Conc: 56.38 ng/ml



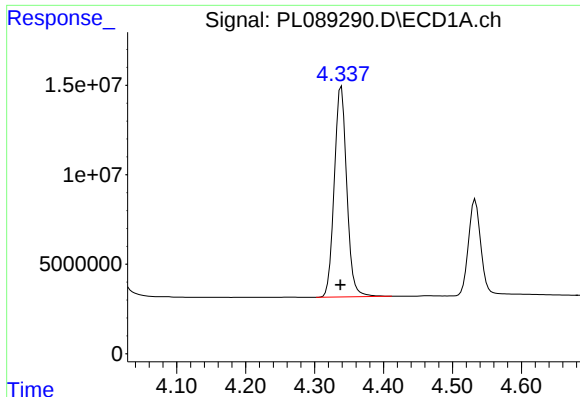
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.002 min
Response: 153166217
Conc: 53.71 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.001 min
Response: 110483516
Conc: 58.55 ng/ml



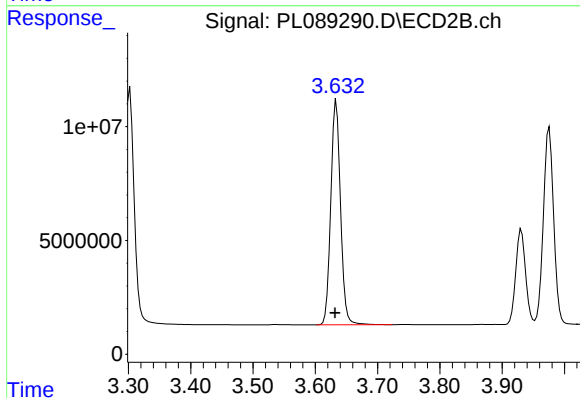
#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.001 min
Response: 148077108
Conc: 53.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

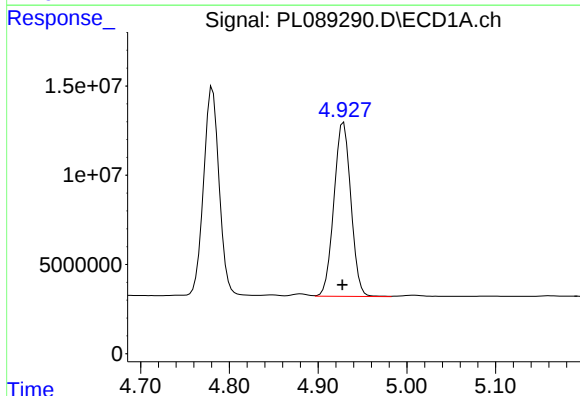
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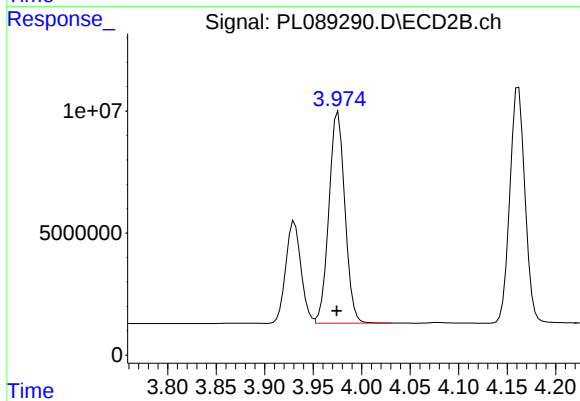
#3 gamma-BHC (Lindane)

R.T.: 3.634 min
Delta R.T.: 0.002 min
Response: 106730810
Conc: 57.84 ng/ml



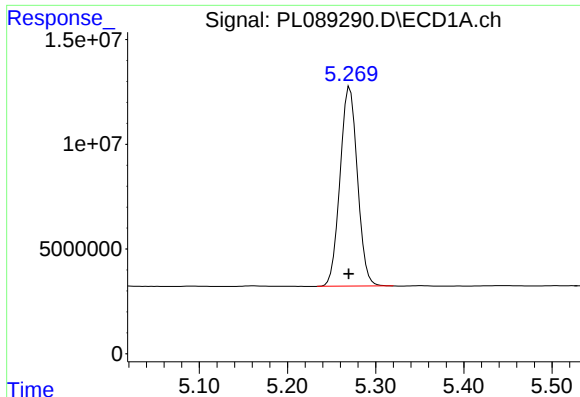
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.001 min
Response: 129479741
Conc: 52.21 ng/ml



#4 Heptachlor

R.T.: 3.976 min
Delta R.T.: 0.002 min
Response: 99260810
Conc: 56.65 ng/ml



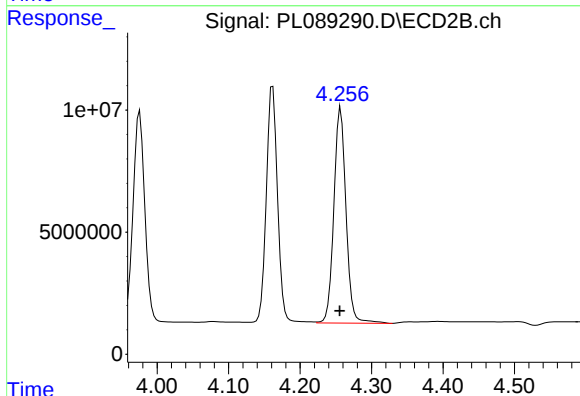
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 130167049
Conc: 50.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

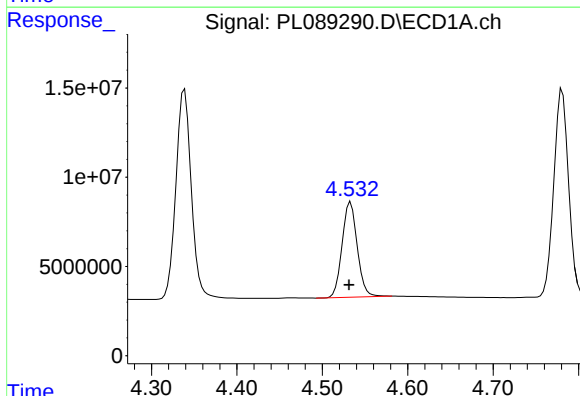
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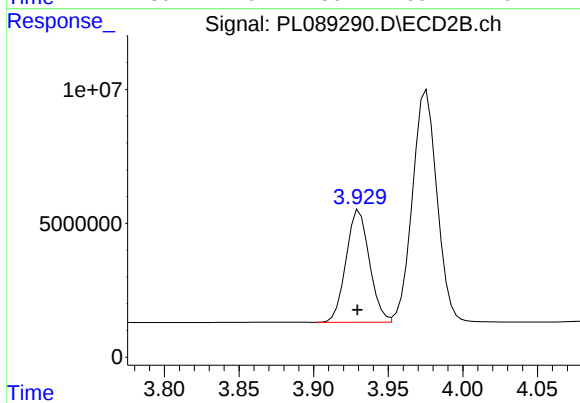
#5 Aldrin

R.T.: 4.257 min
Delta R.T.: 0.001 min
Response: 104323523
Conc: 59.01 ng/ml



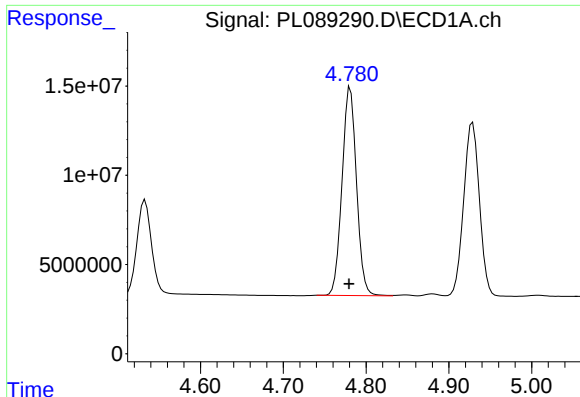
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.002 min
Response: 65607069
Conc: 52.00 ng/ml



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: 0.001 min
Response: 45724662
Conc: 56.00 ng/ml



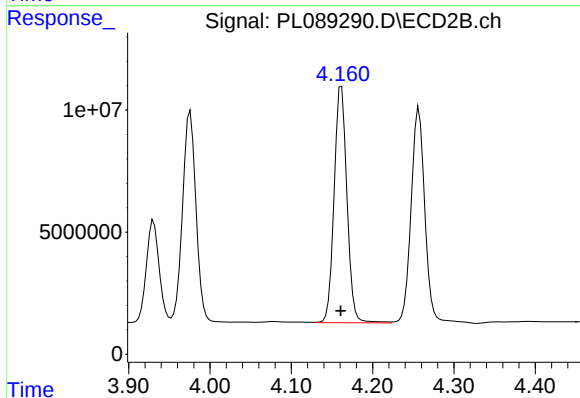
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: 0.002 min
Response: 141856204
Conc: 53.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

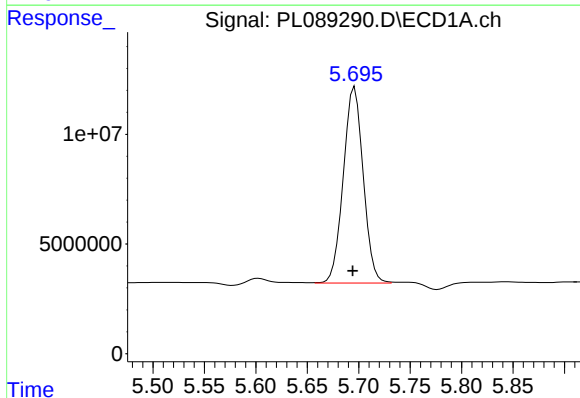
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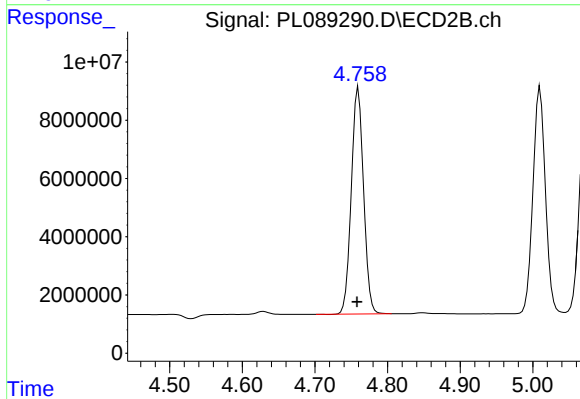
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: 0.001 min
Response: 106345999
Conc: 59.11 ng/ml



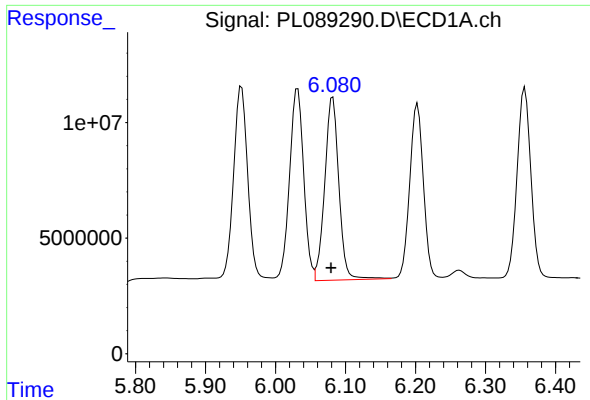
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: 0.000 min
Response: 120444205
Conc: 51.35 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.760 min
Delta R.T.: 0.002 min
Response: 91398833
Conc: 56.53 ng/ml



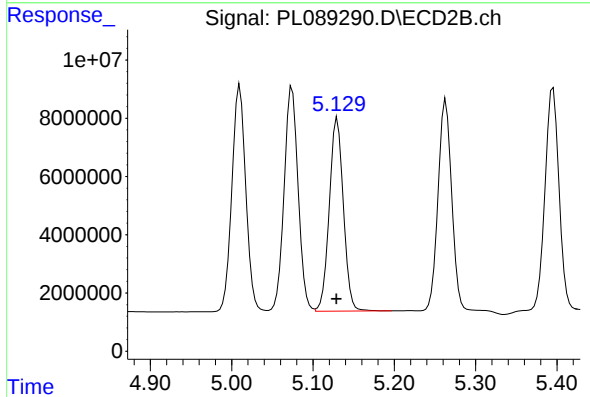
#9 Endosulfan I

R.T.: 6.082 min
Delta R.T.: 0.003 min
Response: 111296455
Conc: 51.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

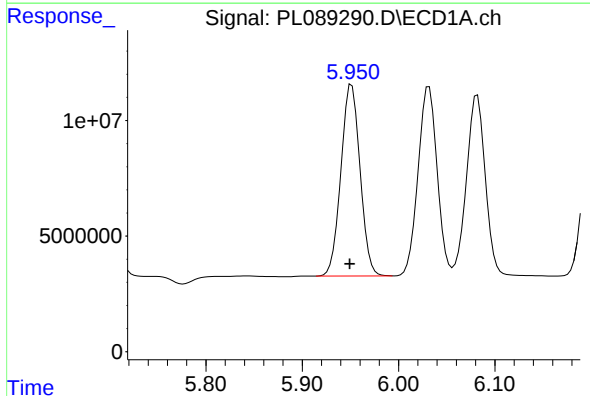
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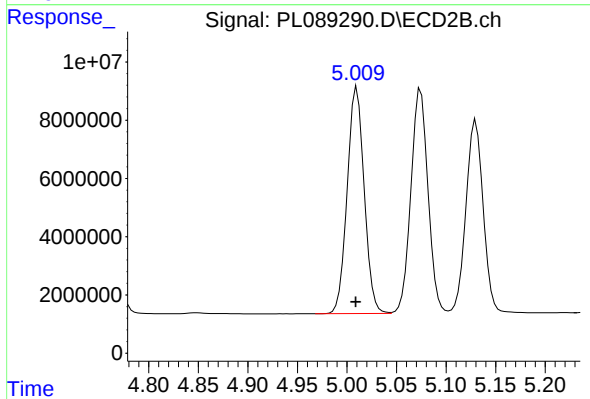
#9 Endosulfan I

R.T.: 5.130 min
Delta R.T.: 0.001 min
Response: 80241428
Conc: 53.58 ng/ml



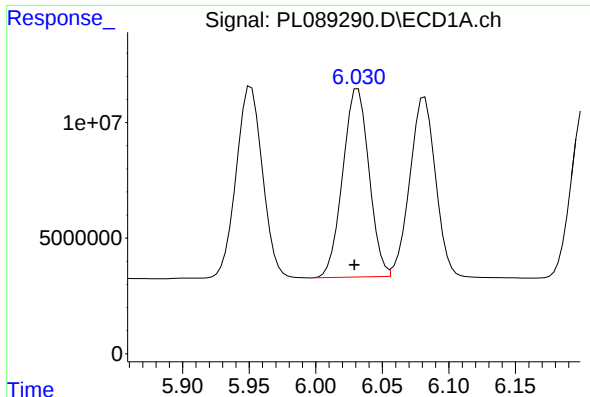
#10 gamma-Chlordane

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 114166509
Conc: 49.94 ng/ml m



#10 gamma-Chlordane

R.T.: 5.010 min
Delta R.T.: 0.001 min
Response: 92832393
Conc: 56.57 ng/ml



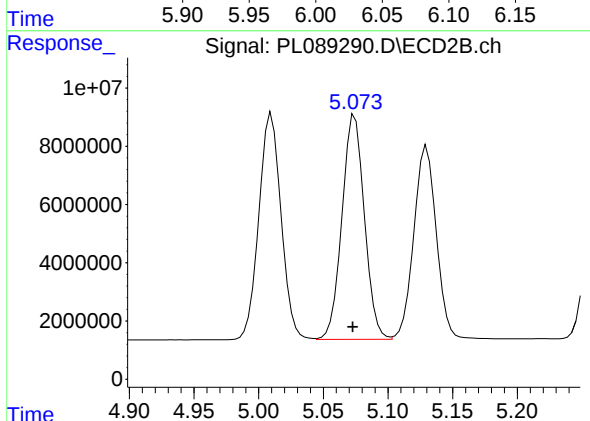
#11 alpha-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.001 min
Response: 112336840
Conc: 49.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

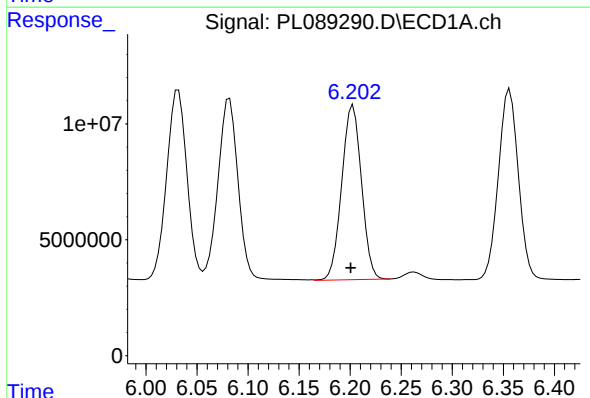
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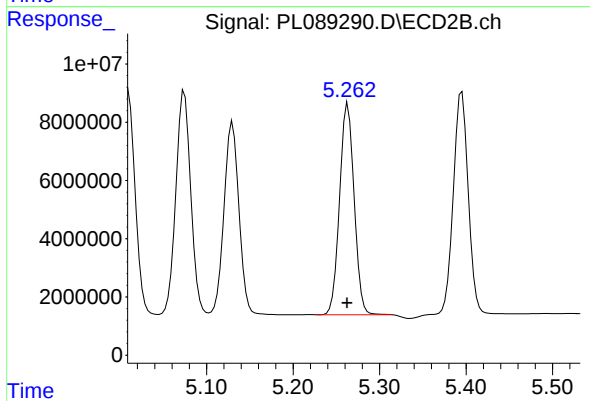
#11 alpha-Chlordane

R.T.: 5.074 min
Delta R.T.: 0.002 min
Response: 92837764
Conc: 56.29 ng/ml



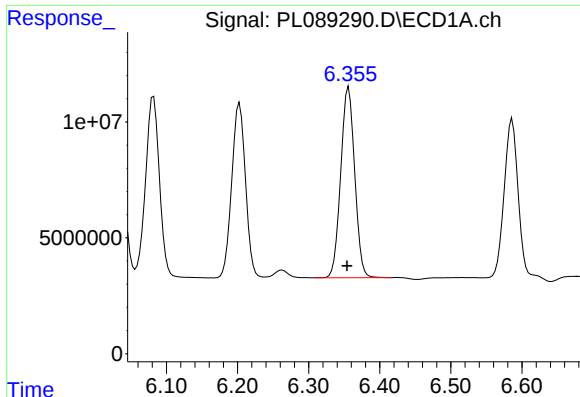
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.002 min
Response: 101300270
Conc: 50.07 ng/ml



#12 4,4'-DDE

R.T.: 5.263 min
Delta R.T.: 0.001 min
Response: 84233940
Conc: 57.93 ng/ml



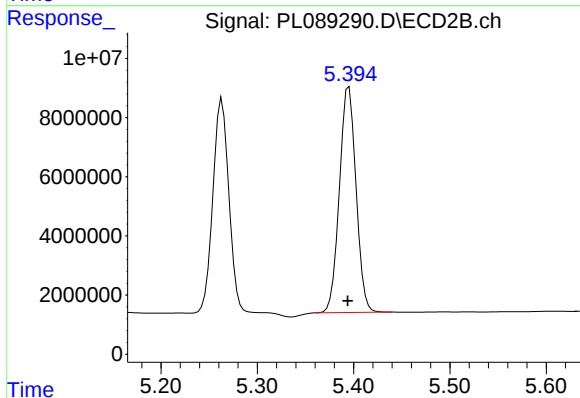
#13 Dieldrin

R.T.: 6.356 min
Delta R.T.: 0.002 min
Response: 112131311
Conc: 50.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

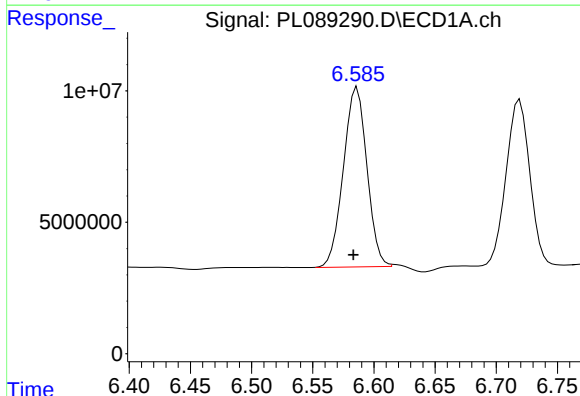
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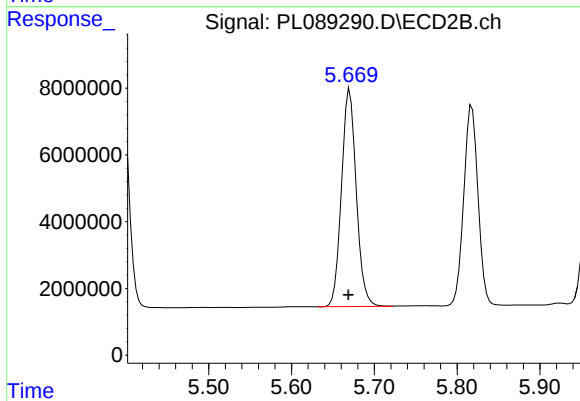
#13 Dieldrin

R.T.: 5.395 min
Delta R.T.: 0.002 min
Response: 91446574
Conc: 56.84 ng/ml



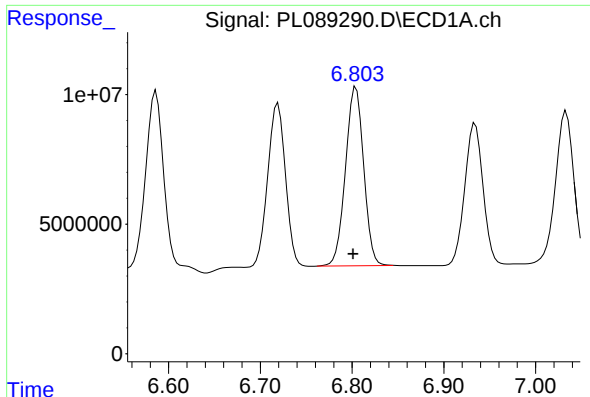
#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.002 min
Response: 91515207
Conc: 48.31 ng/ml m



#14 Endrin

R.T.: 5.670 min
Delta R.T.: 0.002 min
Response: 80973483
Conc: 56.32 ng/ml



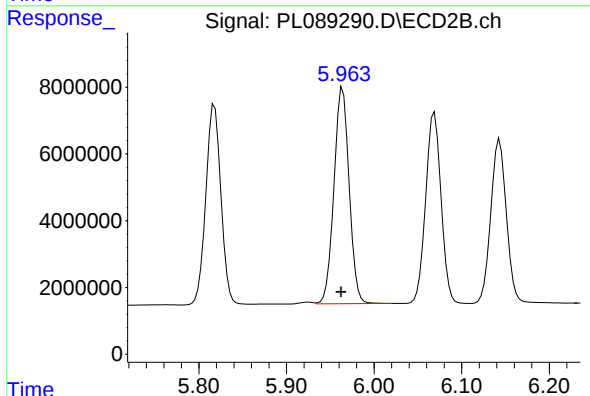
#15 Endosulfan II

R.T.: 6.803 min
Delta R.T.: 0.002 min
Response: 95154617
Conc: 47.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

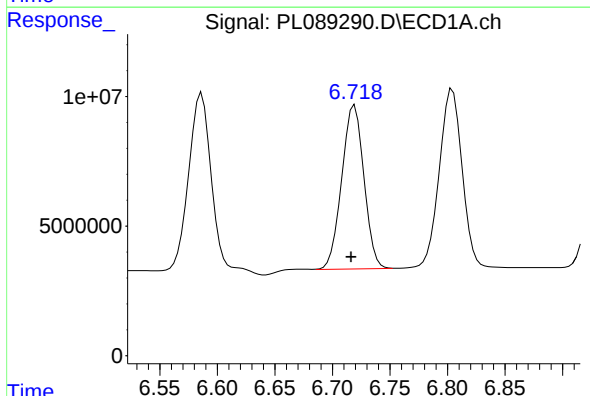
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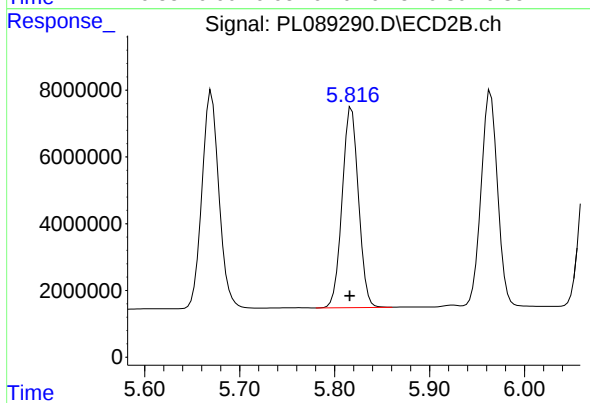
#15 Endosulfan II

R.T.: 5.964 min
Delta R.T.: 0.002 min
Response: 78215590
Conc: 54.38 ng/ml



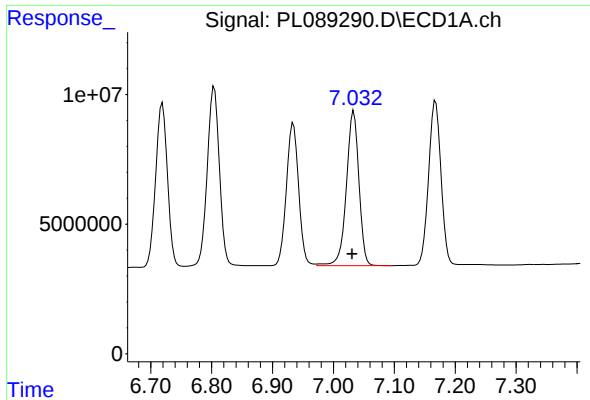
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.002 min
Response: 85165970
Conc: 50.48 ng/ml m



#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: 0.002 min
Response: 71849286
Conc: 58.26 ng/ml



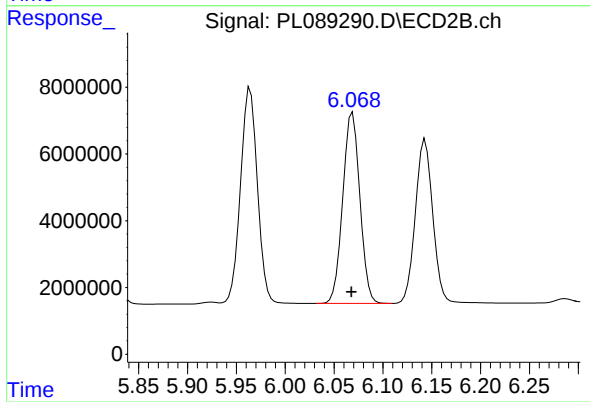
#17 4,4'-DDT

R.T.: 7.033 min
Delta R.T.: 0.003 min
Response: 85362223
Conc: 46.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

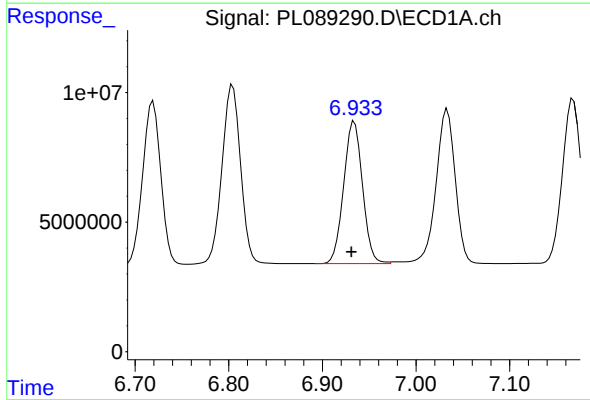
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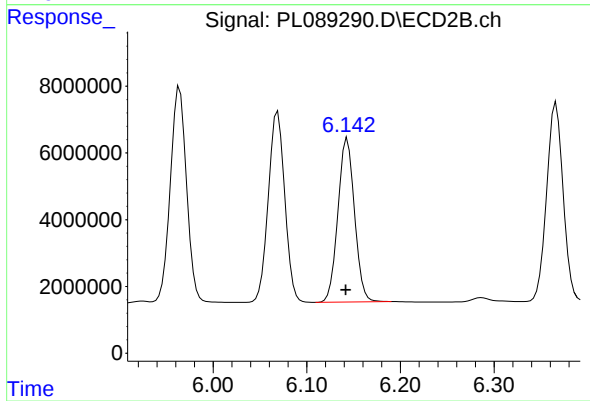
#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: 0.001 min
Response: 69871231
Conc: 51.64 ng/ml



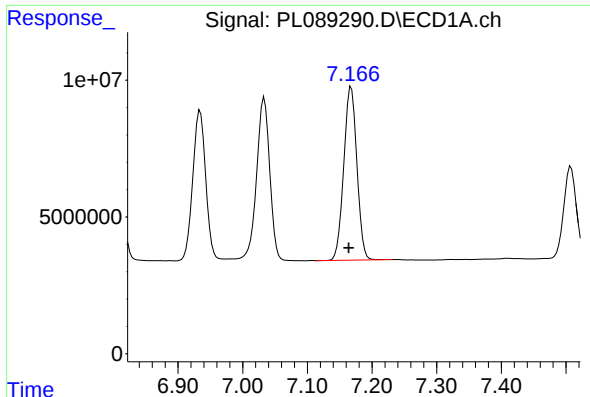
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.003 min
Response: 76822958
Conc: 50.80 ng/ml



#18 Endrin aldehyde

R.T.: 6.143 min
Delta R.T.: 0.002 min
Response: 60550877
Conc: 54.44 ng/ml



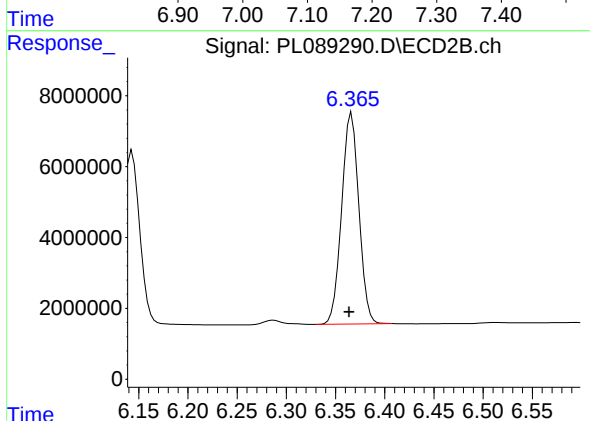
#19 Endosulfan Sulfate

R.T.: 7.168 min
Delta R.T.: 0.004 min
Response: 89578527
Conc: 49.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

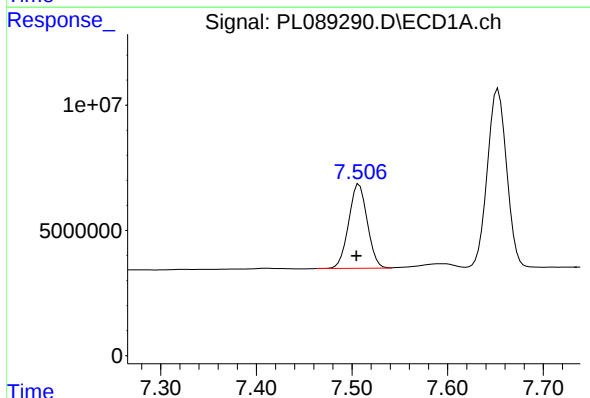
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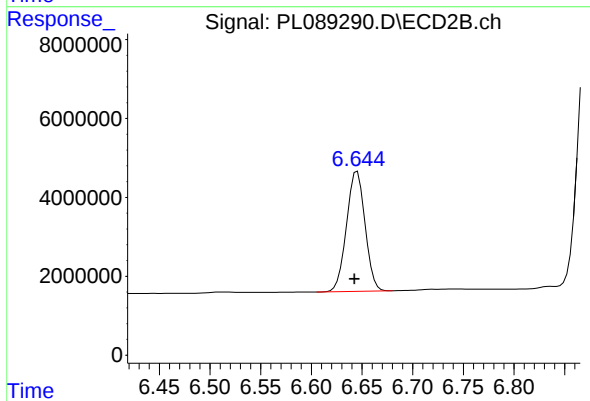
#19 Endosulfan Sulfate

R.T.: 6.366 min
Delta R.T.: 0.002 min
Response: 72646171
Conc: 52.37 ng/ml



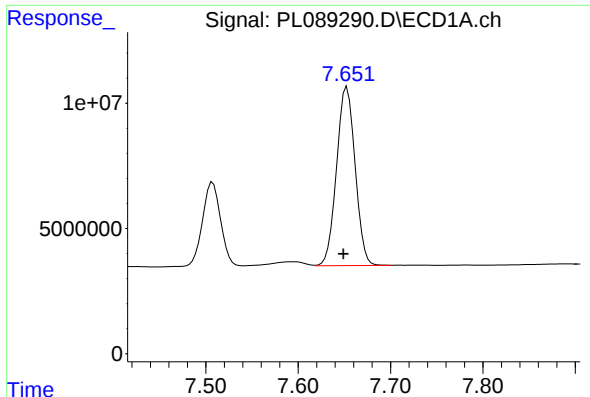
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.003 min
Response: 45701076
Conc: 46.47 ng/ml



#20 Methoxychlor

R.T.: 6.645 min
Delta R.T.: 0.003 min
Response: 38637704
Conc: 48.32 ng/ml



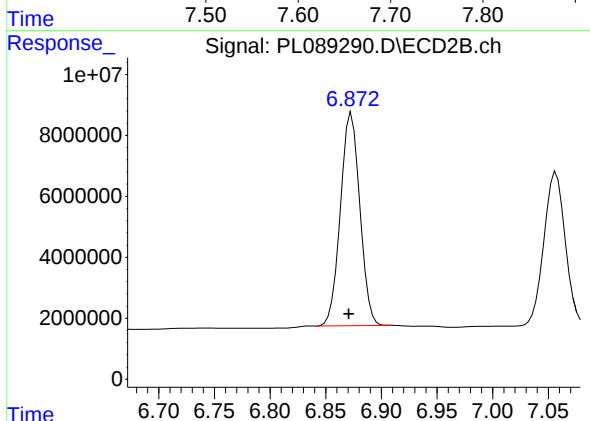
#21 Endrin ketone

R.T.: 7.653 min
Delta R.T.: 0.004 min
Response: 99577899
Conc: 49.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

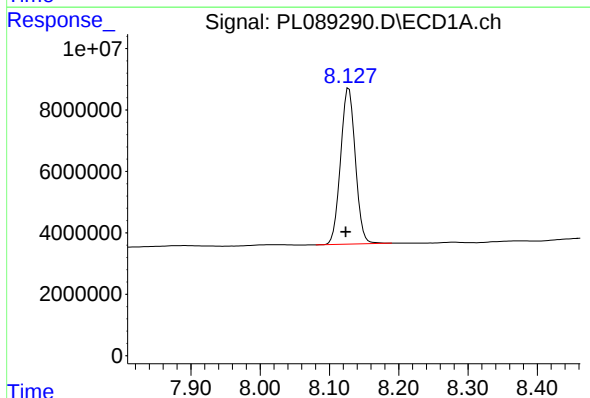
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



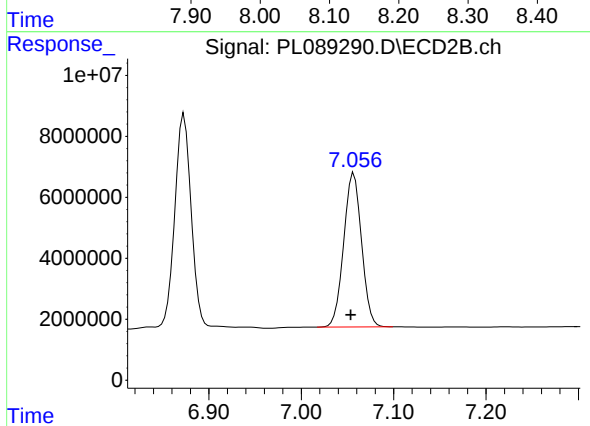
#21 Endrin ketone

R.T.: 6.873 min
Delta R.T.: 0.003 min
Response: 84899751
Conc: 53.10 ng/ml



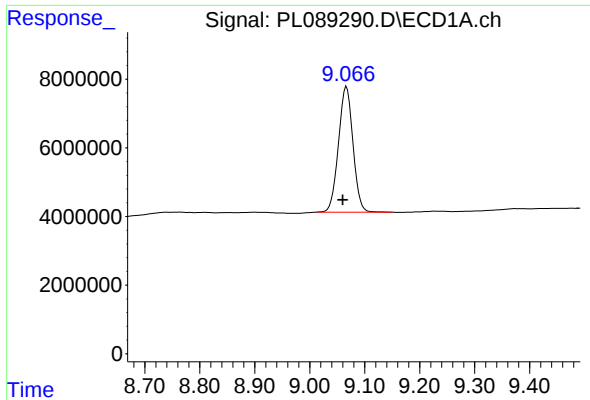
#22 Mirex

R.T.: 8.128 min
Delta R.T.: 0.005 min
Response: 75002929
Conc: 48.26 ng/ml



#22 Mirex

R.T.: 7.057 min
Delta R.T.: 0.003 min
Response: 67832491
Conc: 49.72 ng/ml



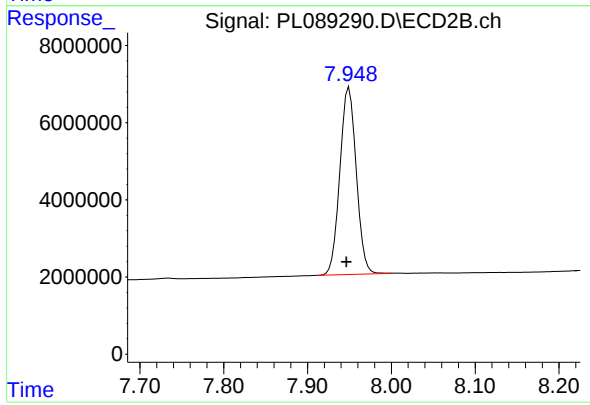
#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.007 min
Response: 67207588
Conc: 48.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.950 min
Delta R.T.: 0.003 min
Response: 66033830
Conc: 49.09 ng/ml