

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL043024\
 Data File : PL089287.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Apr 2024 17:49
 Operator : AR\AJ
 Sample : PB160625BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB160625BSD

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 01:18:36 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	2.797	42649195	26997172	21.180	21.041
28)	SA Decachlor...	9.065	7.950	27220364	25543159	19.457	18.989
Target Compounds							
2)	A alpha-BHC	4.006	3.303	127.3E6	90808232	44.624	48.126
3)	MA gamma-BHC...	4.339	3.634	121.6E6	86904450	43.667	47.096
4)	MA Heptachlor	4.929	3.976	109.3E6	82953366	44.076	47.340
5)	MB Aldrin	5.271	4.257	109.4E6	82137358	42.602	46.463
6)	B beta-BHC	4.533	3.931	56831872	38975028	45.049	47.737
7)	B delta-BHC	4.781	4.162	114.8E6	84085443	43.286	46.735
8)	B Heptachlo...	5.697	4.760	100.6E6	76643073	42.887	47.405
9)	A Endosulfan I	6.082	5.130	93175256	71960521	43.342	48.048
10)	B gamma-Chl...	5.952	5.009	101.0E6	80074702	44.167	48.798m
11)	B alpha-Chl...	6.031	5.074	99574776	79315330	43.775	48.093
12)	B 4,4'-DDE	6.203	5.264	88135878	71477507	43.559	49.160
13)	MA Dieldrin	6.357	5.395	96761851	77694723	43.227	48.296
14)	MA Endrin	6.586	5.670	76589952	64422109	40.431	44.810
15)	B Endosulfa...	6.804	5.964	85041384	66231102	42.610	46.047
16)	A 4,4'-DDD	6.719	5.816	78061229	62954193	46.272	51.048m
17)	MA 4,4'-DDT	7.033	6.069	74967793	56070518	40.766	41.442
18)	B Endrin al...	6.934	6.144	65653631	49704024	43.413	44.685
19)	B Endosulfa...	7.168	6.366	78000112	62600389	43.121	45.128
20)	A Methoxychlor	7.508	6.645	38291148	31547328	38.937	39.455
21)	B Endrin ke...	7.653	6.873	88551178	75306569	44.239	47.096
22)	Mirex	8.128	7.056	65080970	59261798	41.877	43.440

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL043024\
Data File : PL089287.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2024 17:49
Operator : AR\AJ
Sample : PB160625BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

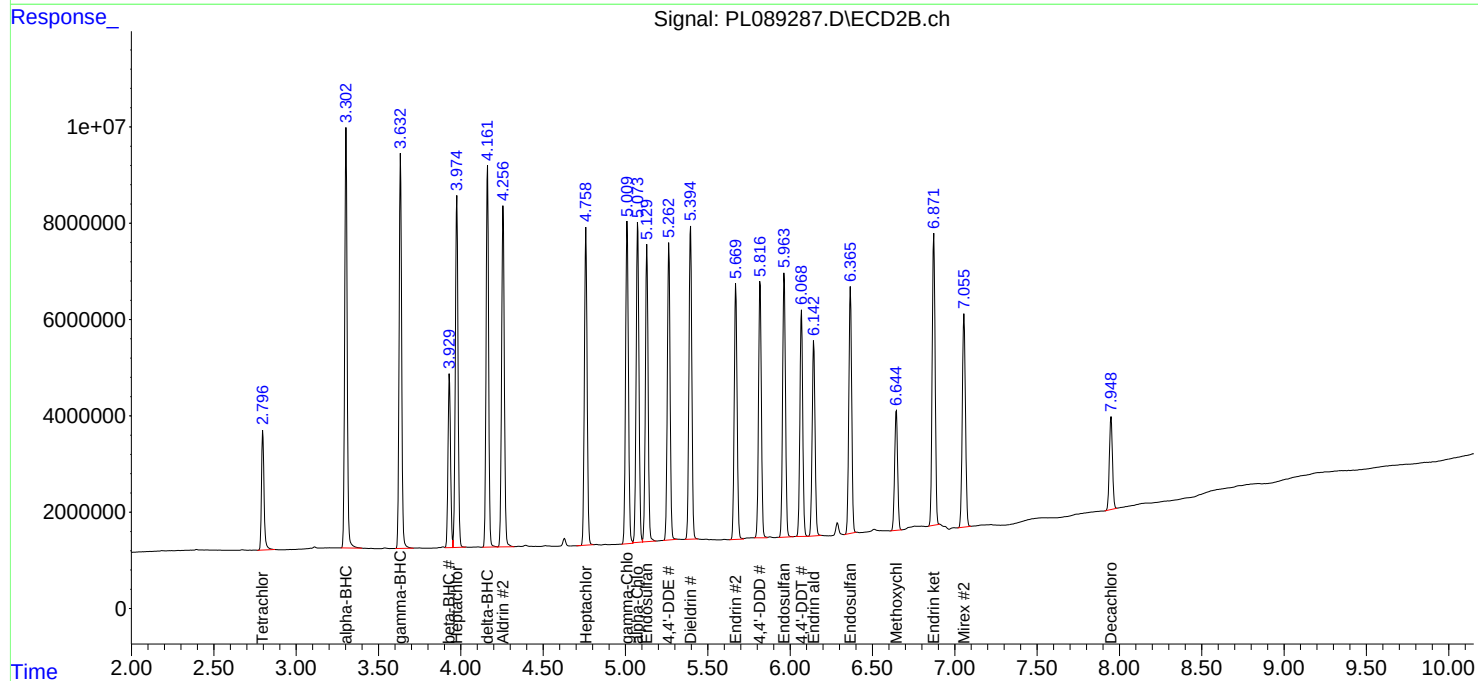
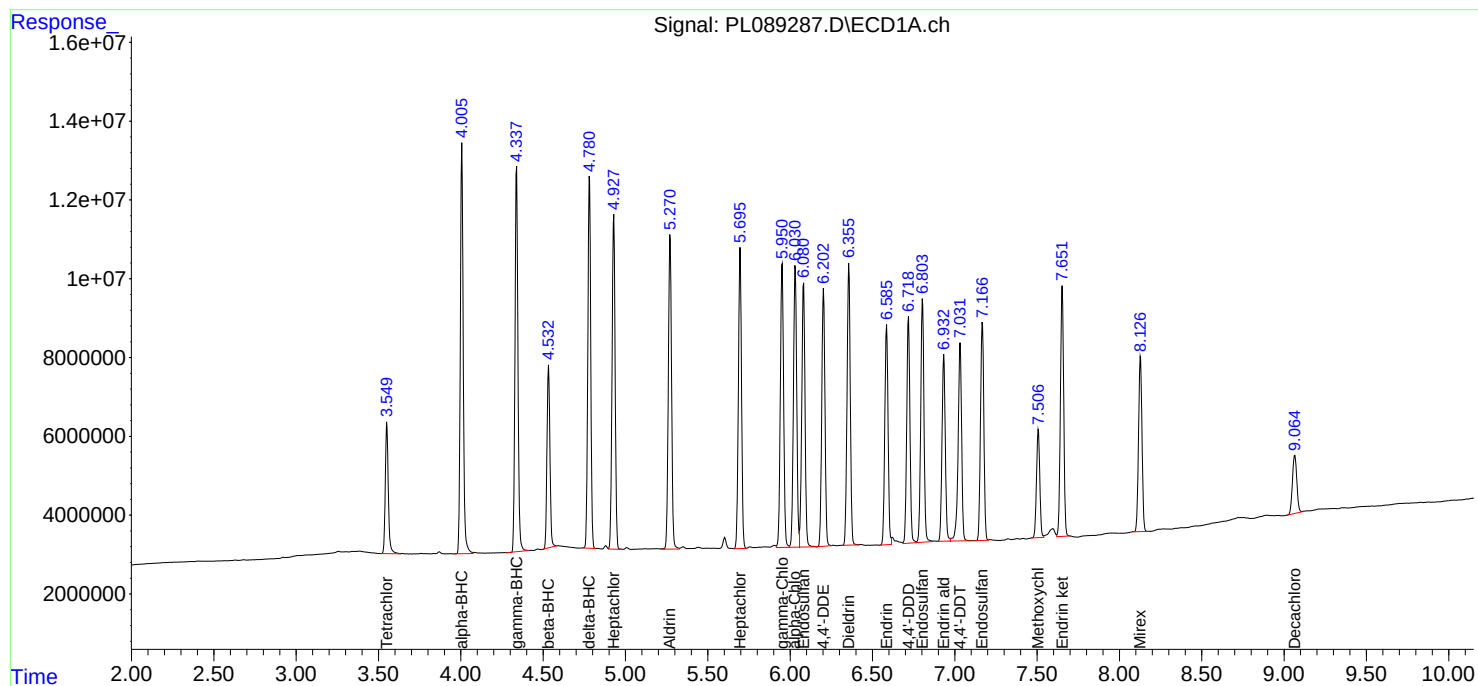
Instrument :
ECD_L
ClientSampleId :
PB160625BSD

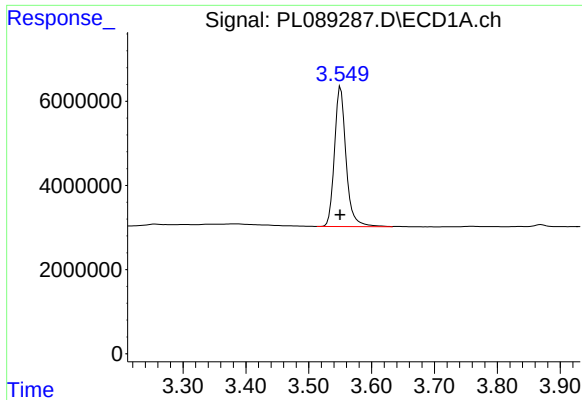
Manual Integrations
APPROVED

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 01:18:36 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





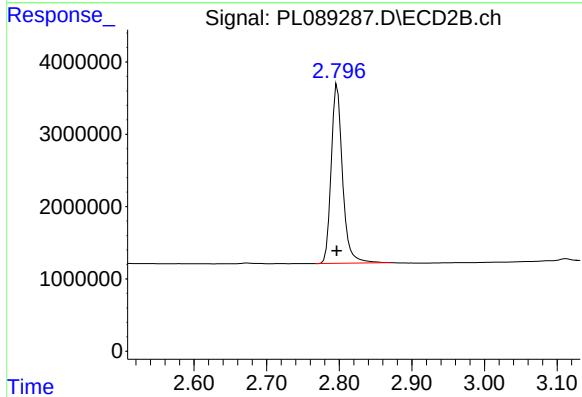
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 42649195
Conc: 21.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160625BSD

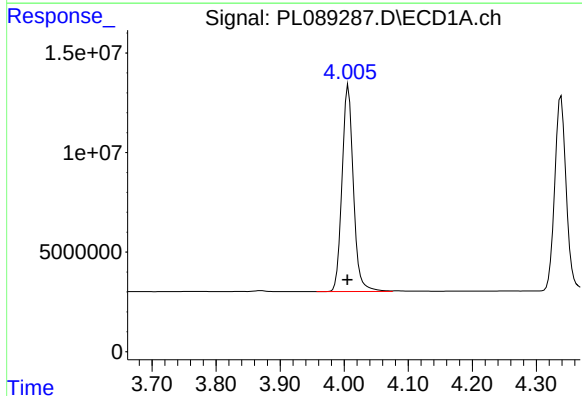
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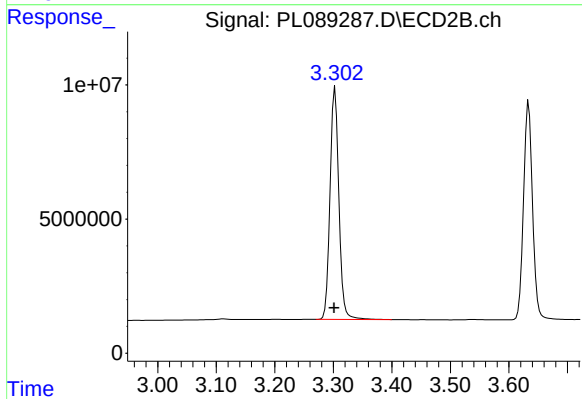
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.001 min
Response: 26997172
Conc: 21.04 ng/ml



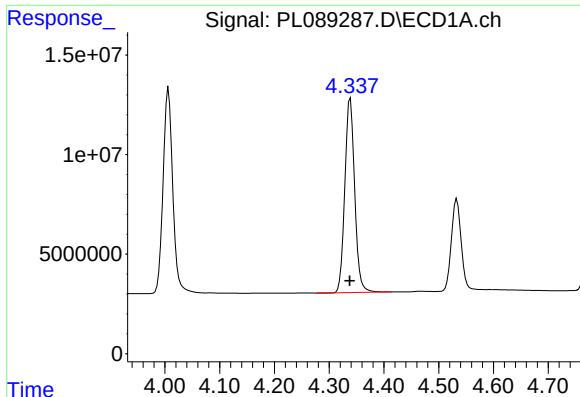
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.002 min
Response: 127259312
Conc: 44.62 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.002 min
Response: 90808232
Conc: 48.13 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.001 min
Response: 121566654
Conc: 43.67 ng/ml

Instrument :

ECD_L

ClientSampleId :

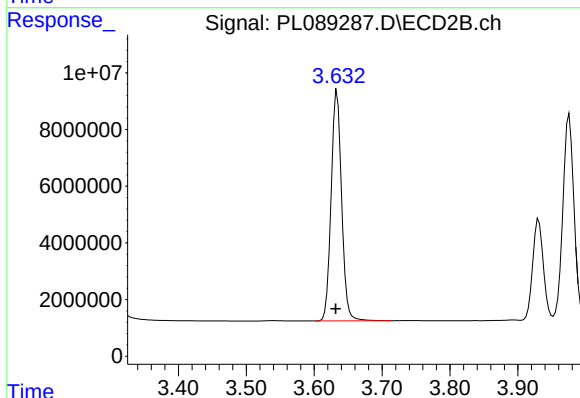
PB160625BSD

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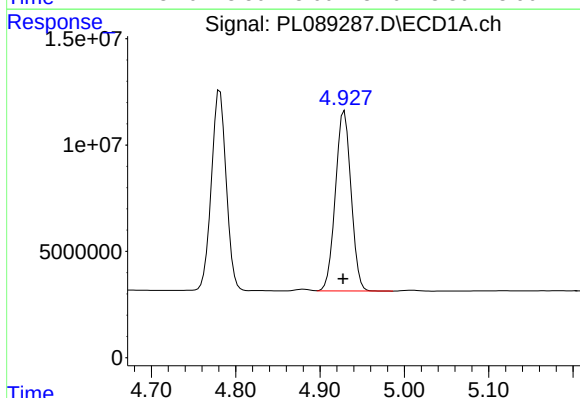
Reviewed By :Abdul Mirza 05/01/2024

Supervised By :mohammad ahmed 05/02/2024



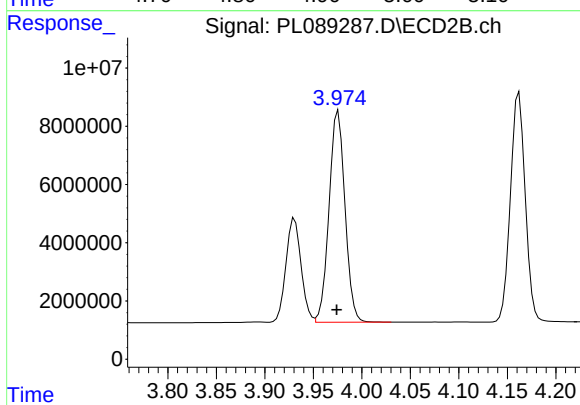
#3 gamma-BHC (Lindane)

R.T.: 3.634 min
Delta R.T.: 0.002 min
Response: 86904450
Conc: 47.10 ng/ml



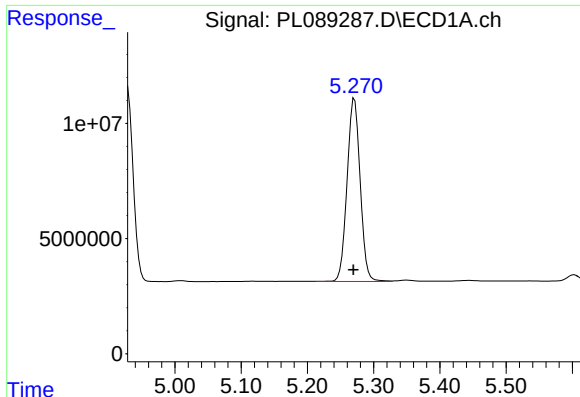
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.001 min
Response: 109313458
Conc: 44.08 ng/ml



#4 Heptachlor

R.T.: 3.976 min
Delta R.T.: 0.002 min
Response: 82953366
Conc: 47.34 ng/ml



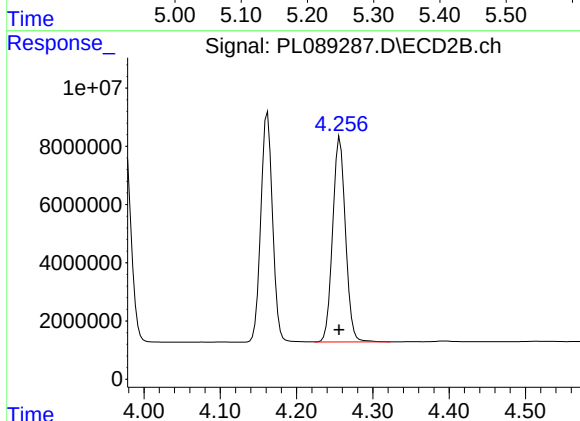
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.002 min
Response: 109413692
Conc: 42.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160625BSD

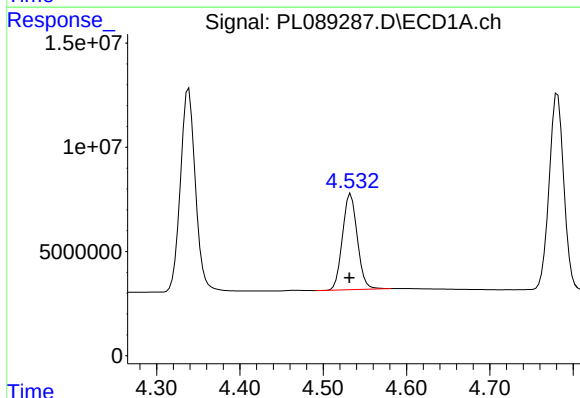
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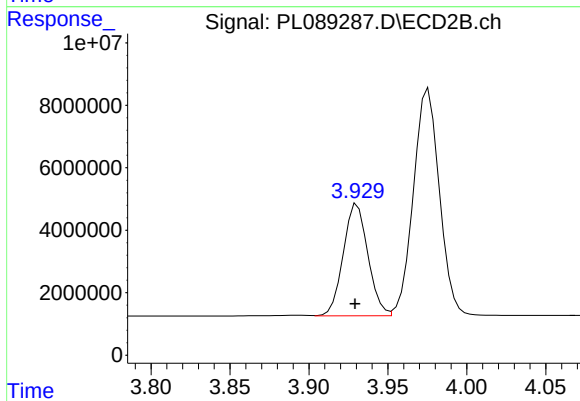
#5 Aldrin

R.T.: 4.257 min
Delta R.T.: 0.001 min
Response: 82137358
Conc: 46.46 ng/ml



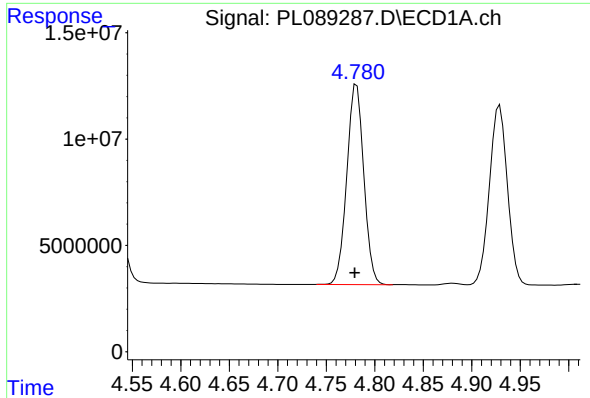
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.002 min
Response: 56831872
Conc: 45.05 ng/ml



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: 0.001 min
Response: 38975028
Conc: 47.74 ng/ml



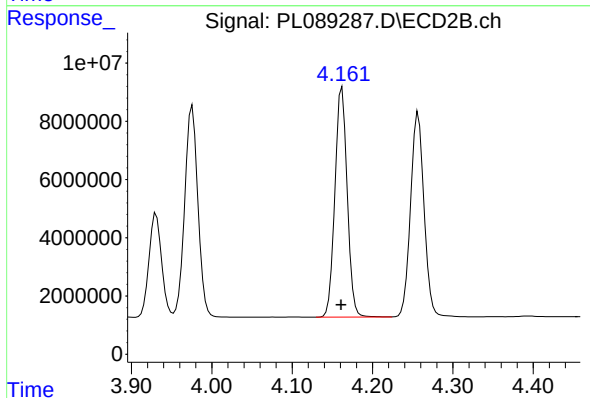
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: 0.002 min
Response: 114795345
Conc: 43.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160625BSD

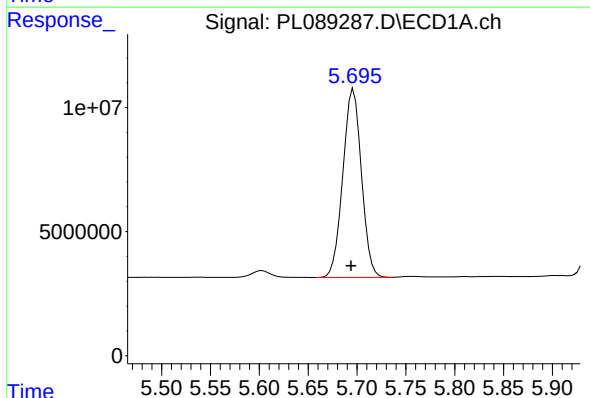
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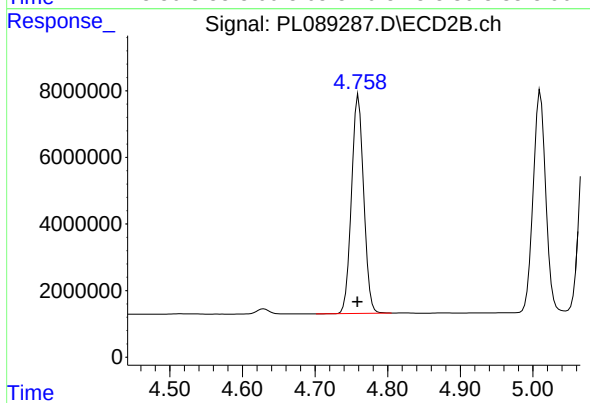
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: 0.001 min
Response: 84085443
Conc: 46.74 ng/ml



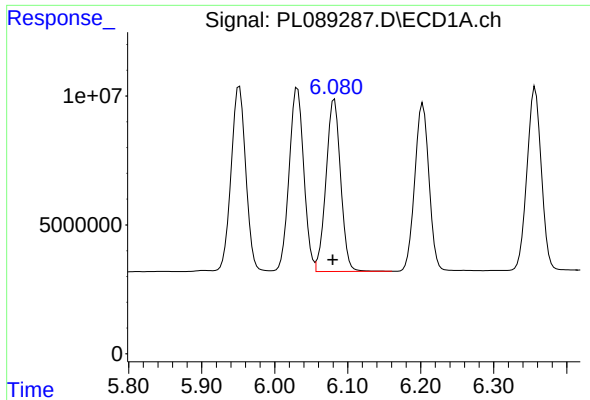
#8 Heptachlor epoxide

R.T.: 5.697 min
Delta R.T.: 0.003 min
Response: 100588943
Conc: 42.89 ng/ml



#8 Heptachlor epoxide

R.T.: 4.760 min
Delta R.T.: 0.002 min
Response: 76643073
Conc: 47.41 ng/ml



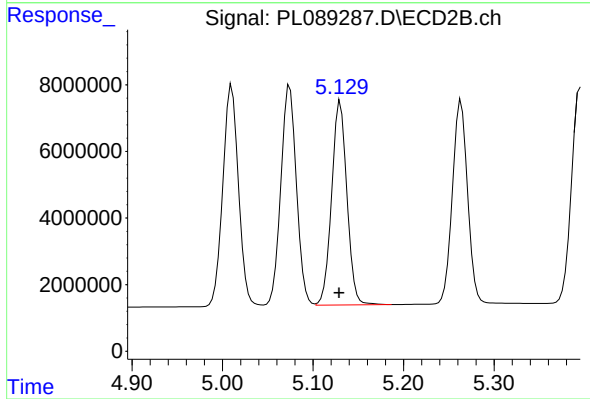
#9 Endosulfan I

R.T.: 6.082 min
Delta R.T.: 0.003 min
Response: 93175256
Conc: 43.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160625BSD

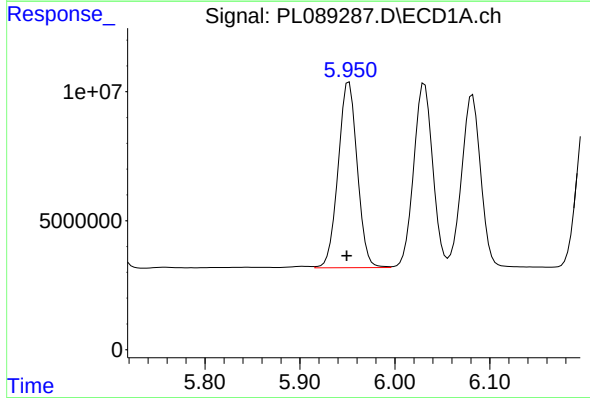
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Supervised By :mohammad ahmed 05/02/2024



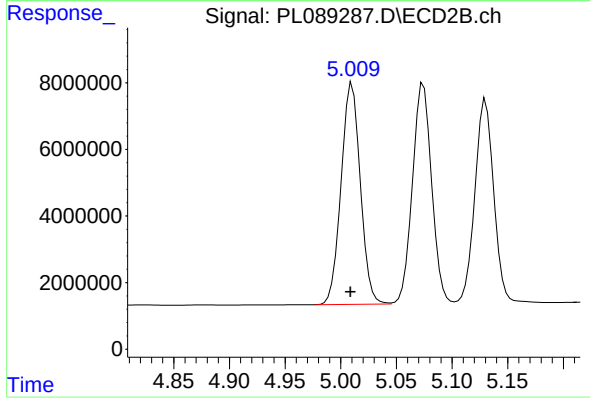
#9 Endosulfan I

R.T.: 5.130 min
Delta R.T.: 0.001 min
Response: 71960521
Conc: 48.05 ng/ml



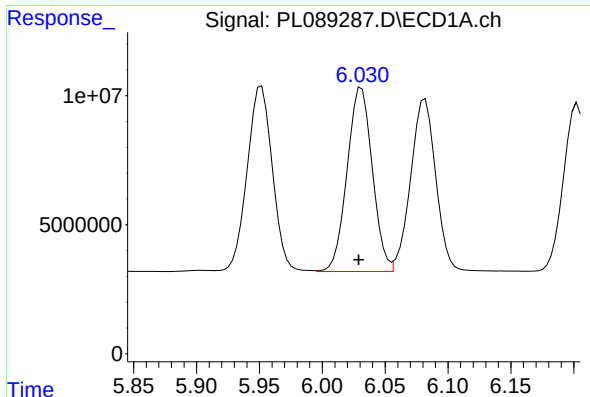
#10 gamma-Chlordane

R.T.: 5.952 min
Delta R.T.: 0.002 min
Response: 100961514
Conc: 44.17 ng/ml



#10 gamma-Chlordane

R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 80074702
Conc: 48.80 ng/ml m



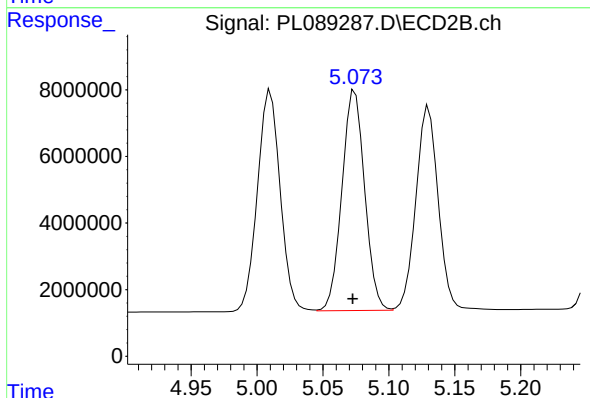
#11 alpha-Chlordane

R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 99574776
Conc: 43.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160625BSD

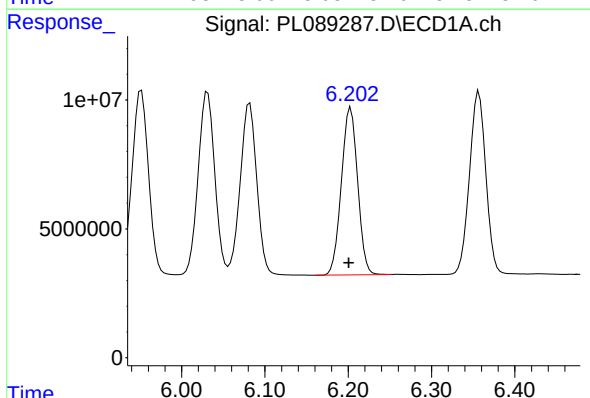
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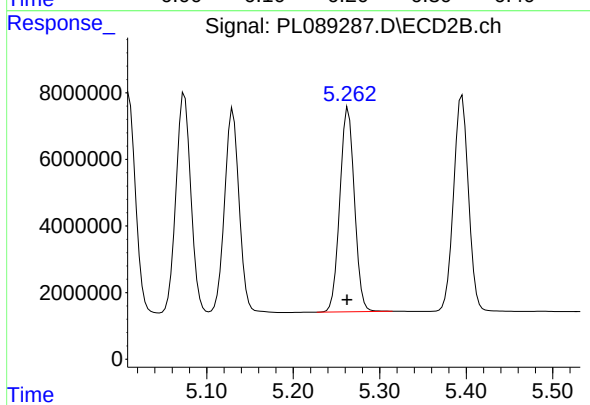
#11 alpha-Chlordane

R.T.: 5.074 min
Delta R.T.: 0.002 min
Response: 79315330
Conc: 48.09 ng/ml



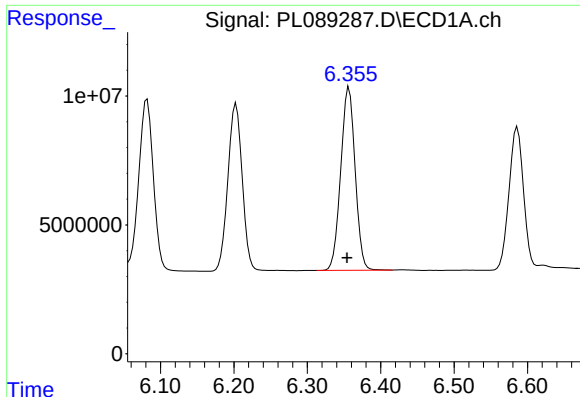
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.003 min
Response: 88135878
Conc: 43.56 ng/ml



#12 4,4'-DDE

R.T.: 5.264 min
Delta R.T.: 0.001 min
Response: 71477507
Conc: 49.16 ng/ml



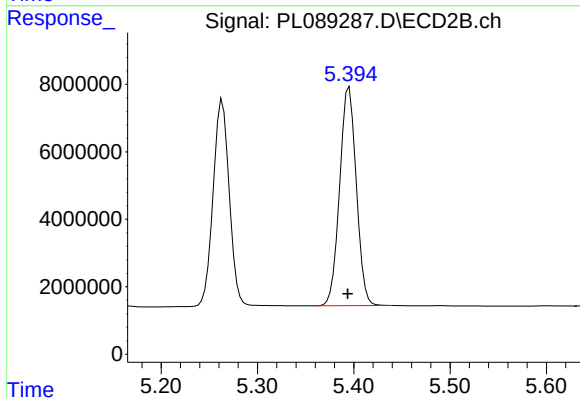
#13 Dieldrin

R.T.: 6.357 min
Delta R.T.: 0.003 min
Response: 96761851
Conc: 43.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160625BSD

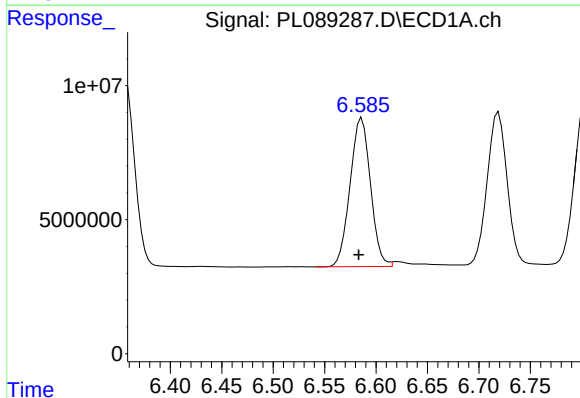
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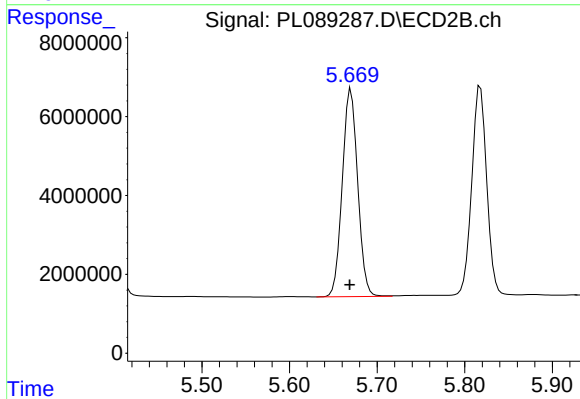
#13 Dieldrin

R.T.: 5.395 min
Delta R.T.: 0.002 min
Response: 77694723
Conc: 48.30 ng/ml



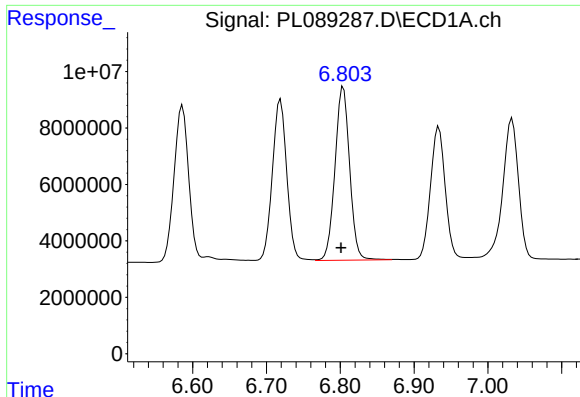
#14 Endrin

R.T.: 6.586 min
Delta R.T.: 0.003 min
Response: 76589952
Conc: 40.43 ng/ml



#14 Endrin

R.T.: 5.670 min
Delta R.T.: 0.001 min
Response: 64422109
Conc: 44.81 ng/ml



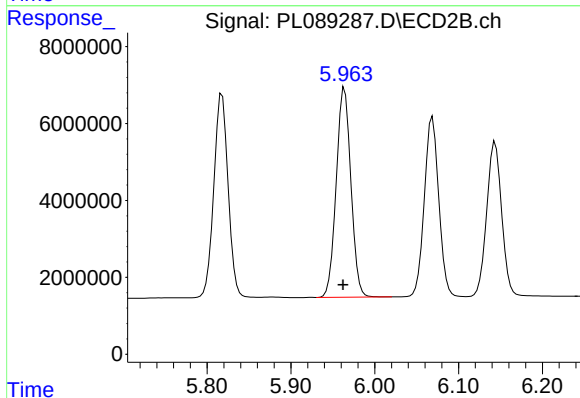
#15 Endosulfan II

R.T.: 6.804 min
Delta R.T.: 0.003 min
Response: 85041384
Conc: 42.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160625BSD

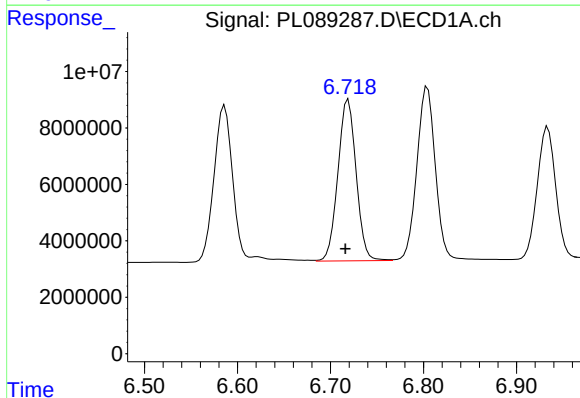
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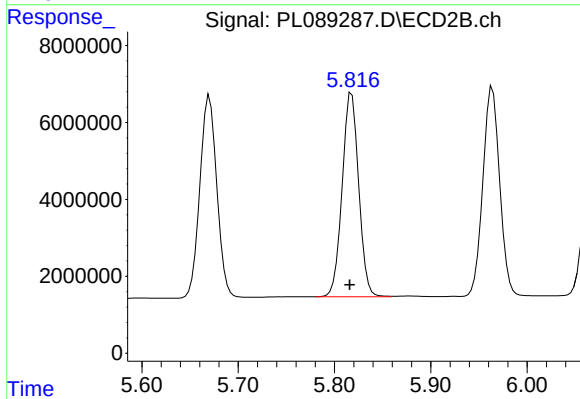
#15 Endosulfan II

R.T.: 5.964 min
Delta R.T.: 0.002 min
Response: 66231102
Conc: 46.05 ng/ml



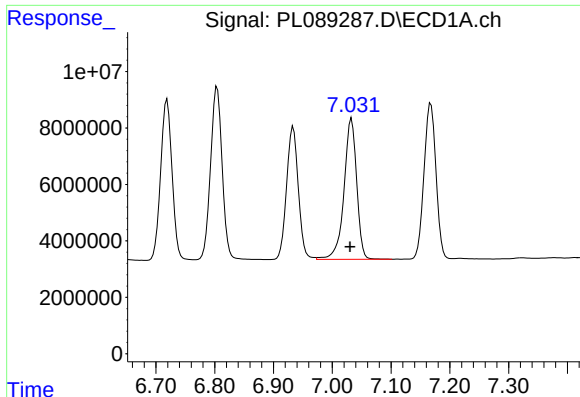
#16 4,4'-DDD

R.T.: 6.719 min
Delta R.T.: 0.003 min
Response: 78061229
Conc: 46.27 ng/ml



#16 4,4'-DDD

R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 62954193
Conc: 51.05 ng/ml m



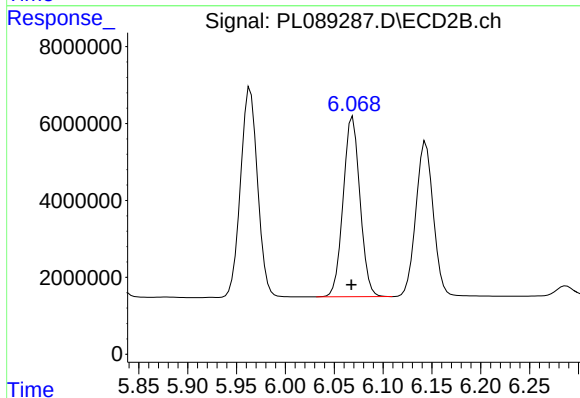
#17 4,4'-DDT

R.T.: 7.033 min
Delta R.T.: 0.002 min
Response: 74967793
Conc: 40.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160625BSD

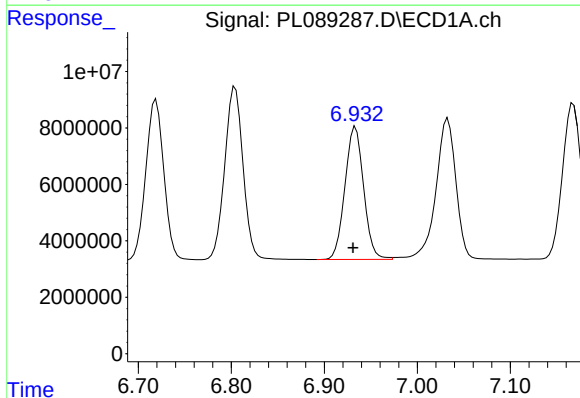
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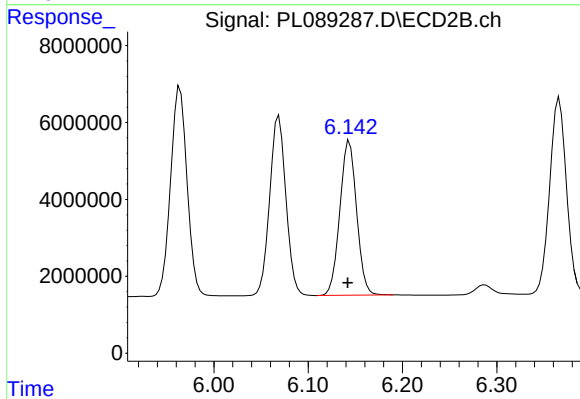
#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: 0.001 min
Response: 56070518
Conc: 41.44 ng/ml



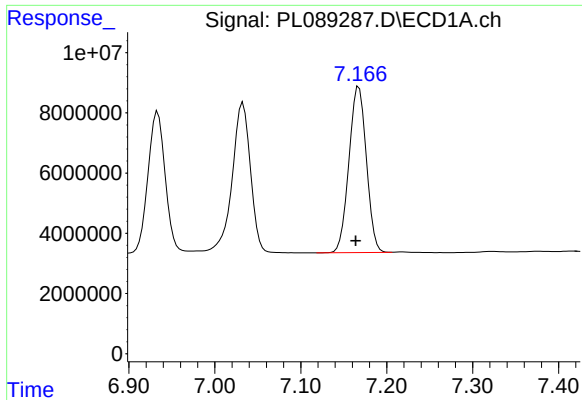
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.003 min
Response: 65653631
Conc: 43.41 ng/ml



#18 Endrin aldehyde

R.T.: 6.144 min
Delta R.T.: 0.002 min
Response: 49704024
Conc: 44.69 ng/ml



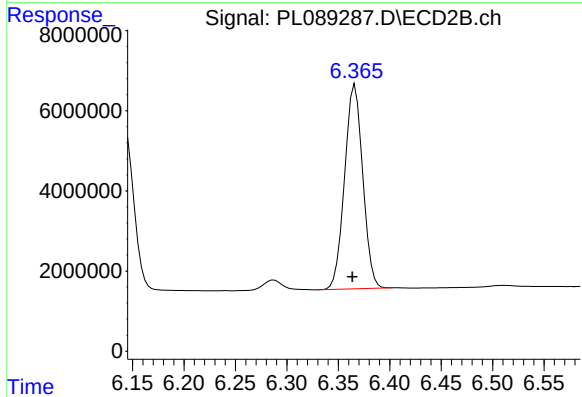
#19 Endosulfan Sulfate

R.T.: 7.168 min
Delta R.T.: 0.004 min
Response: 78000112
Conc: 43.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160625BSD

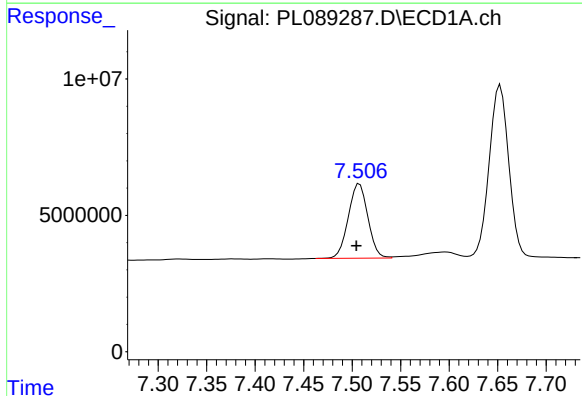
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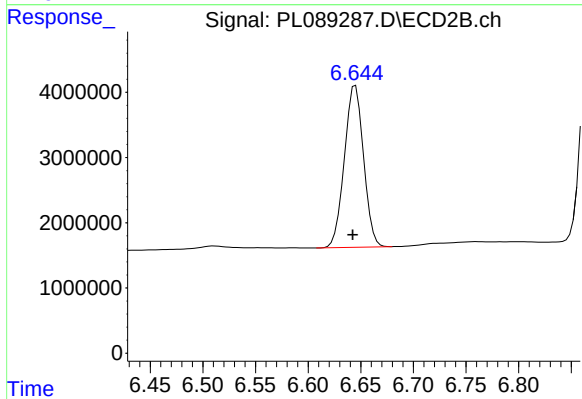
#19 Endosulfan Sulfate

R.T.: 6.366 min
Delta R.T.: 0.002 min
Response: 62600389
Conc: 45.13 ng/ml



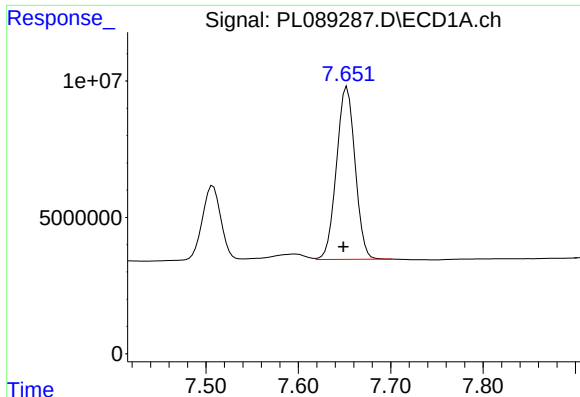
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.003 min
Response: 38291148
Conc: 38.94 ng/ml



#20 Methoxychlor

R.T.: 6.645 min
Delta R.T.: 0.003 min
Response: 31547328
Conc: 39.45 ng/ml



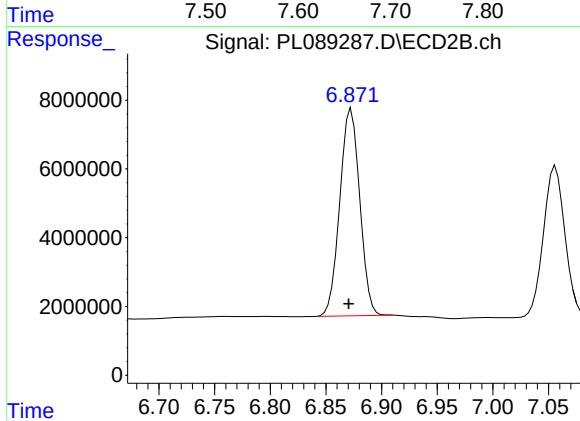
#21 Endrin ketone

R.T.: 7.653 min
Delta R.T.: 0.004 min
Response: 88551178
Conc: 44.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160625BSD

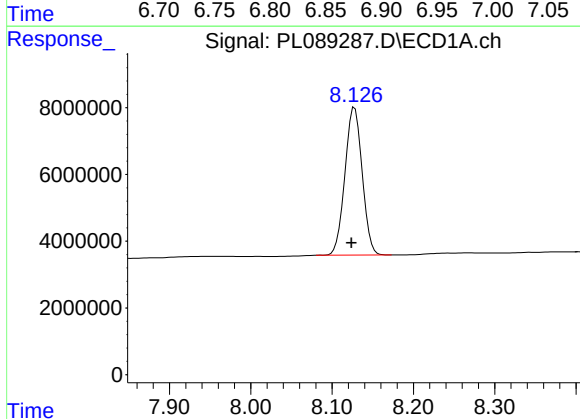
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Reviewed By :Abdul Mirza 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



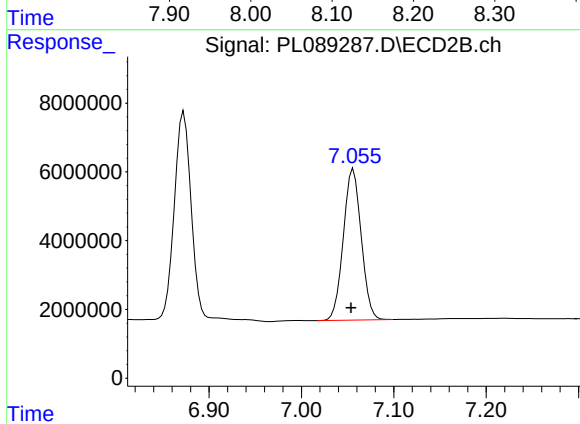
#21 Endrin ketone

R.T.: 6.873 min
Delta R.T.: 0.002 min
Response: 75306569
Conc: 47.10 ng/ml



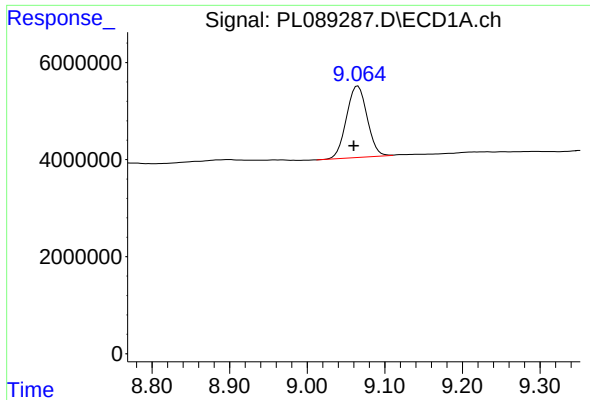
#22 Mirex

R.T.: 8.128 min
Delta R.T.: 0.004 min
Response: 65080970
Conc: 41.88 ng/ml



#22 Mirex

R.T.: 7.056 min
Delta R.T.: 0.003 min
Response: 59261798
Conc: 43.44 ng/ml



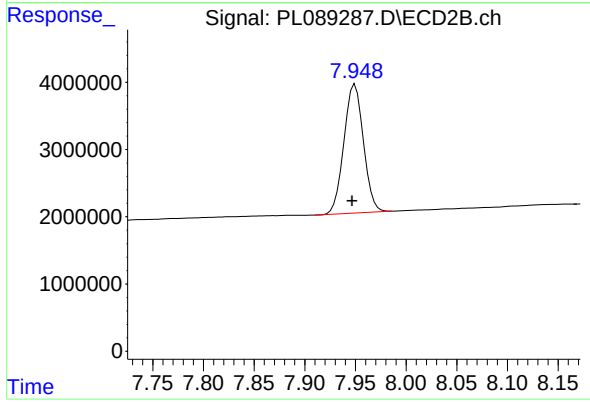
#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.005 min
Response: 27220364
Conc: 19.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160625BSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.950 min
Delta R.T.: 0.003 min
Response: 25543159
Conc: 18.99 ng/ml