

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL043024\
 Data File : PL089281.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Apr 2024 15:17
 Operator : AR\AJ
 Sample : P2307-05MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-2MS

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 01:16:32 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	40456076	25183502	20.091	19.628
2)	SA Decachlor...	9.058	7.949	31998907	19876643	22.872m	14.776 #
Target Compounds							
2)	A alpha-BHC	4.007	3.303	135.9E6	93900493	47.652	49.765
3)	MA gamma-BHC...	4.339	3.635	136.4E6	104.0E6	48.994	56.379
4)	MA Heptachlor	4.928	3.976	113.2E6	84102431	45.646m	47.995
5)	MB Aldrin	5.270	4.258	110.7E6	81290483	43.122m	45.984
6)	B beta-BHC	4.535	3.931	51363917	39619092	40.715	48.526
7)	B delta-BHC	4.782	4.162	118.4E6	87575436	44.627	48.675
8)	B Heptachlo...	5.697	4.760	101.4E6	75874243	43.214	46.930
9)	A Endosulfan I	6.082	5.132	95516267	51008594	44.430	34.058
10)	B gamma-Chl...	5.951	5.011	115.7E6	80701305	50.619m	49.180
11)	B alpha-Chl...	6.032	5.075	109.1E6	77940015	47.951	47.260
12)	B 4,4'-DDE	6.203	5.264	56258641	68069574	27.805	46.816 #
13)	MA Dieldrin	6.358	5.396	101.9E6	94932345	45.505	59.011m#
14)	MA Endrin	6.587	5.671	78415508	70962851	41.395	49.359
15)	B Endosulfa...	6.804	5.965	97694935	66765047	48.950	46.419
16)	A 4,4'-DDD	6.718	5.818	87966228	59386378	52.143	48.155
17)	MA 4,4'-DDT	7.034	6.070	81093681	54162340	44.097	40.032
18)	B Endrin al...	6.934	6.144	62799362	43920998	41.526	39.486
19)	B Endosulfa...	7.168	6.367	80354867	60922943	44.423	43.919
20)	A Methoxychlor	7.508	6.645	34370800	29217709	34.951	36.541
21)	B Endrin ke...	7.653	6.873	81417602	58696235	40.676	36.708
22)	Mirex	8.127	7.055	66534137	52556562	42.812m	38.525m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL043024\
Data File : PL089281.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2024 15:17
Operator : AR\AJ
Sample : P2307-05MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

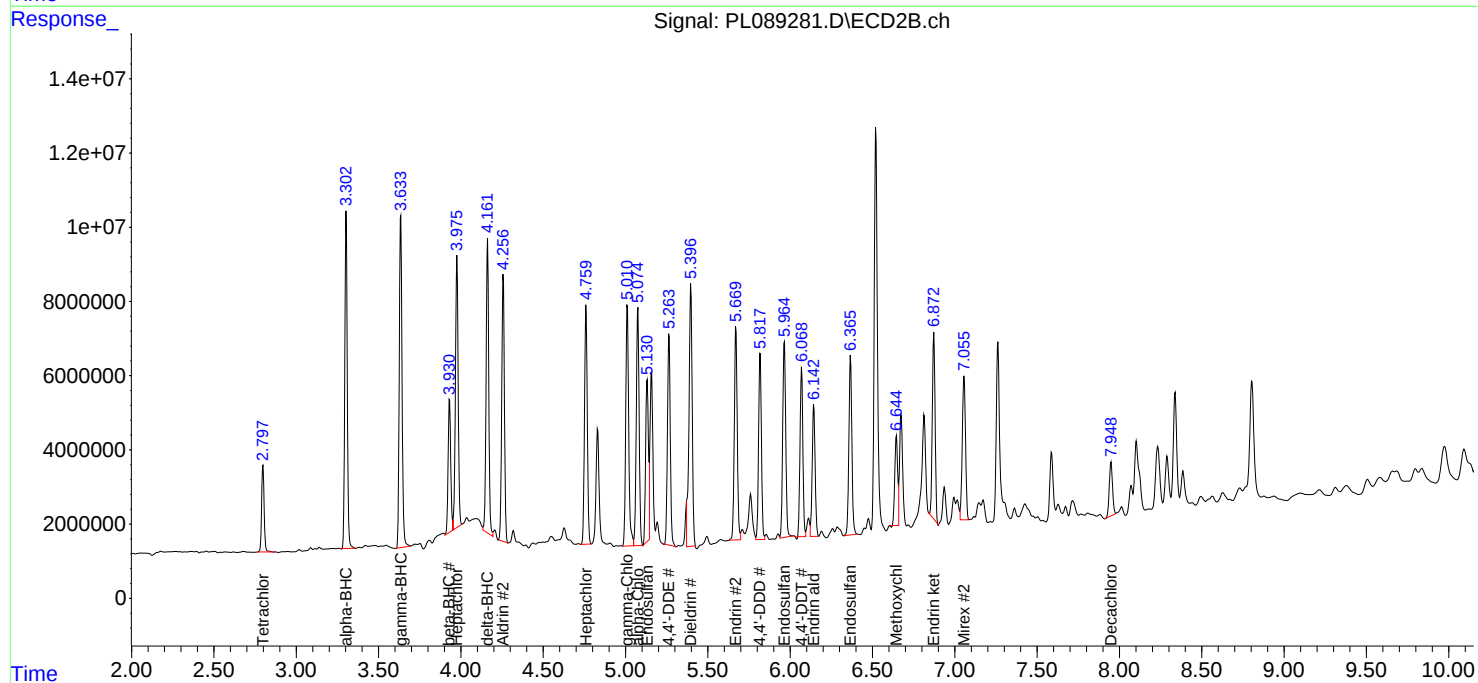
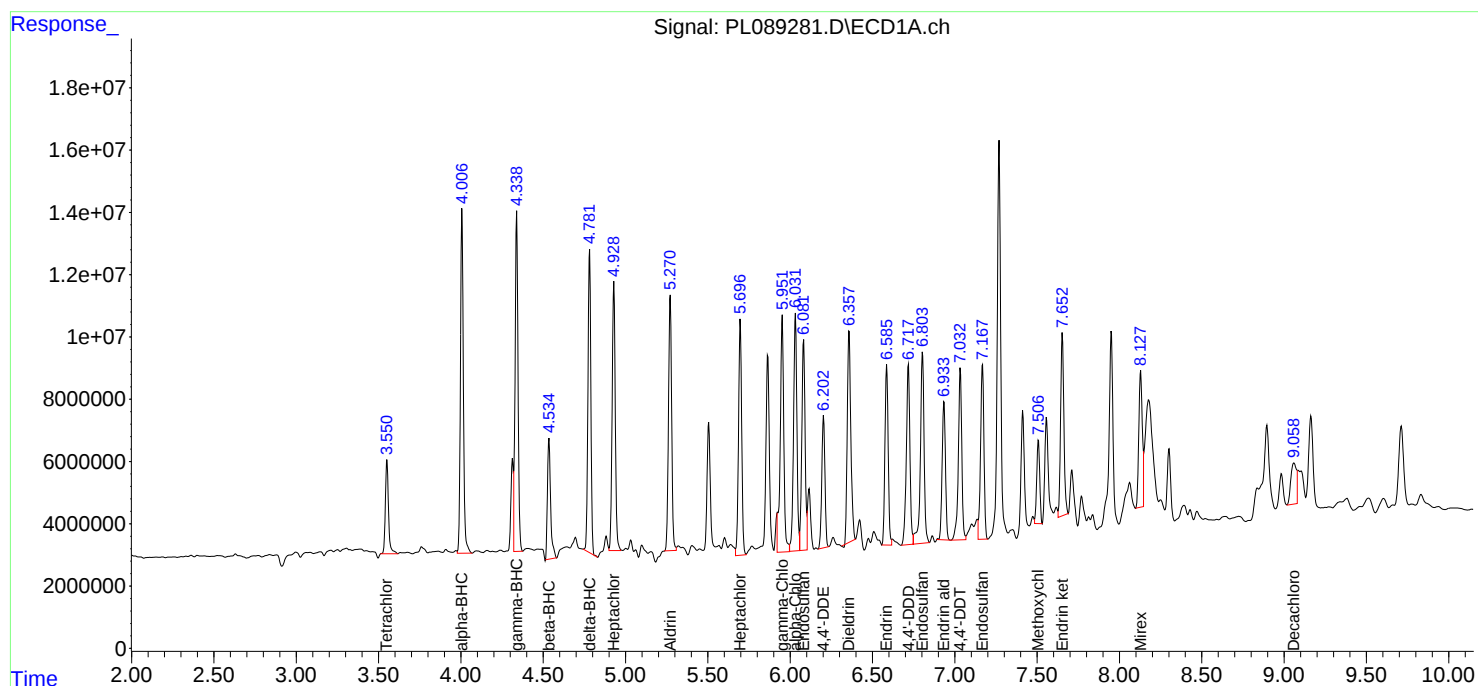
Instrument :
ECD_L
ClientSampleId :
WC-2MS

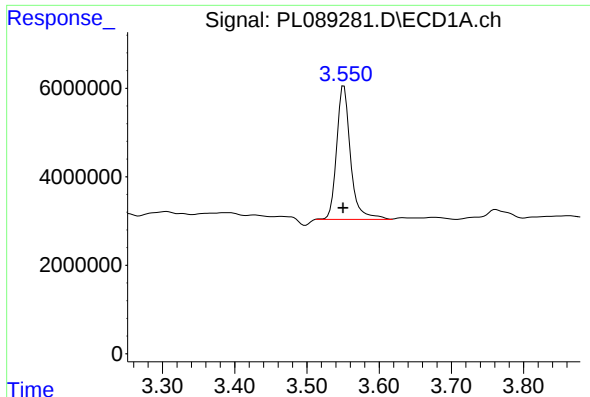
Manual Integrations
APPROVED

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 01:16:32 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





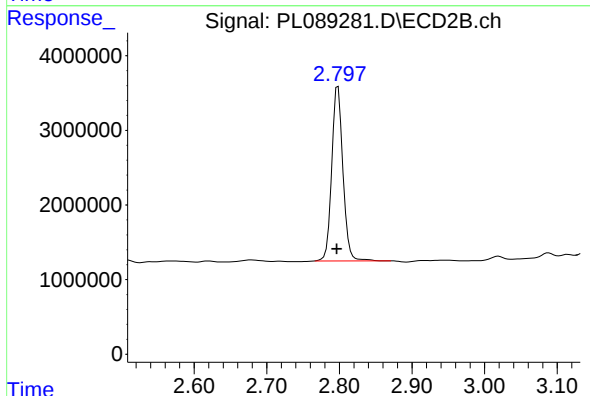
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.001 min
Response: 40456076
Conc: 20.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MS

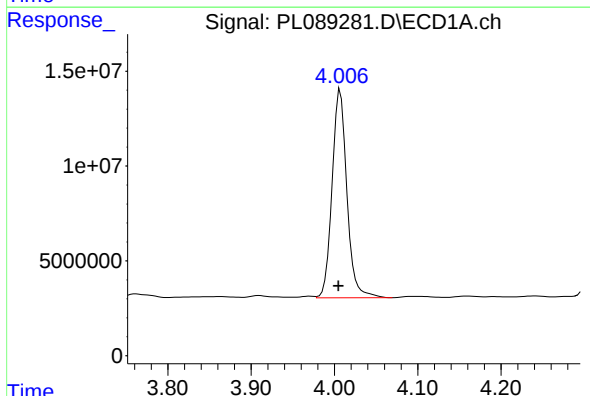
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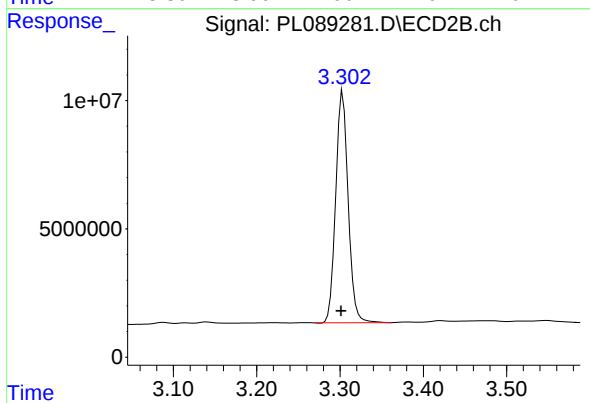
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.002 min
Response: 25183502
Conc: 19.63 ng/ml



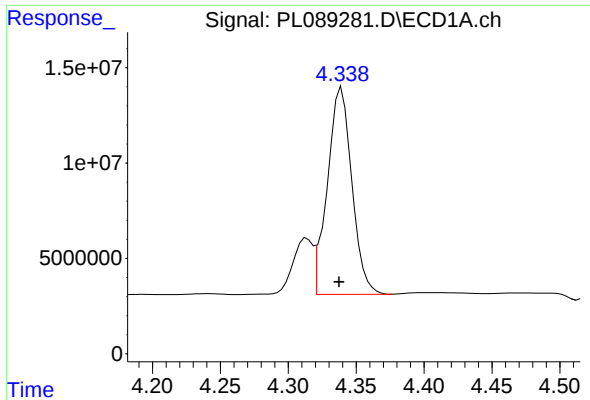
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.002 min
Response: 135891924
Conc: 47.65 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.002 min
Response: 93900493
Conc: 49.76 ng/ml



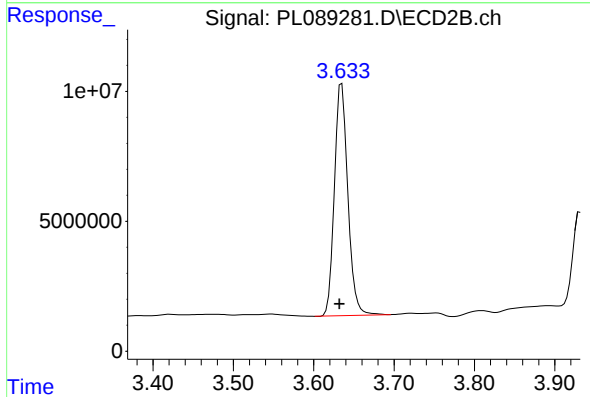
#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.002 min
Response: 136397118
Conc: 48.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MS

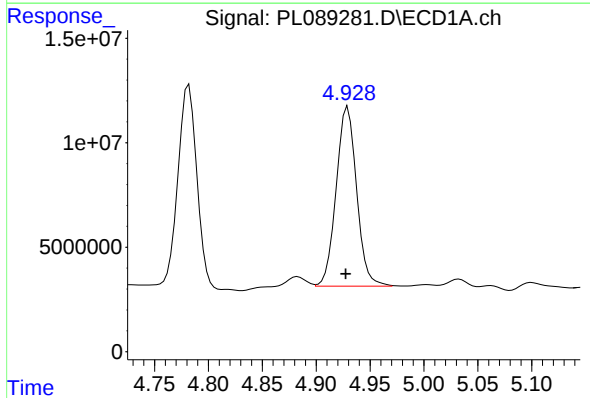
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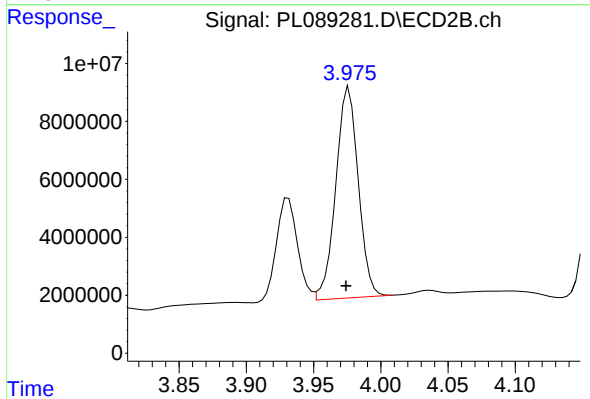
#3 gamma-BHC (Lindane)

R.T.: 3.635 min
Delta R.T.: 0.003 min
Response: 104034545
Conc: 56.38 ng/ml



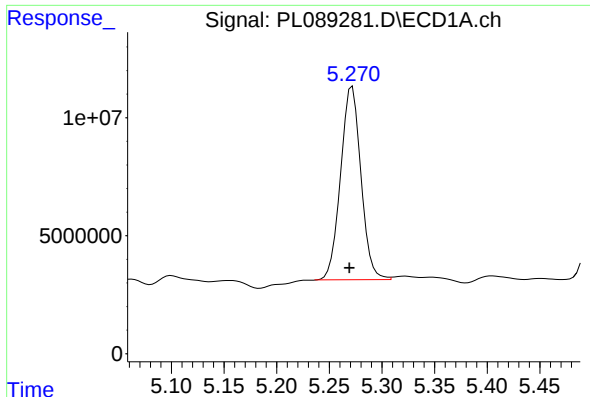
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 113206334
Conc: 45.65 ng/ml m



#4 Heptachlor

R.T.: 3.976 min
Delta R.T.: 0.002 min
Response: 84102431
Conc: 48.00 ng/ml



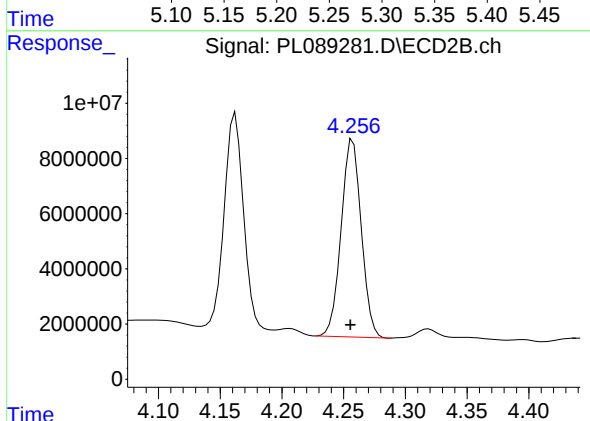
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.001 min
Response: 110748426
Conc: 43.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MS

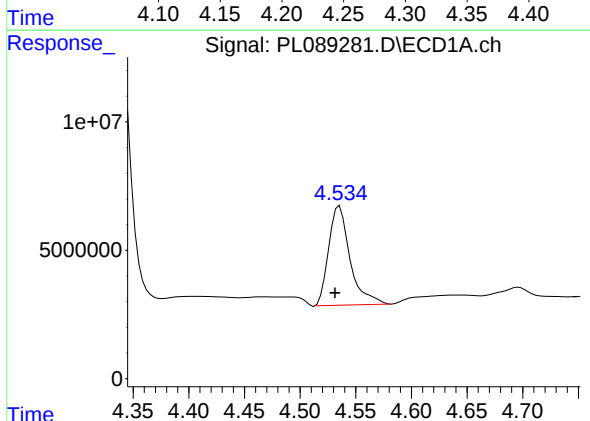
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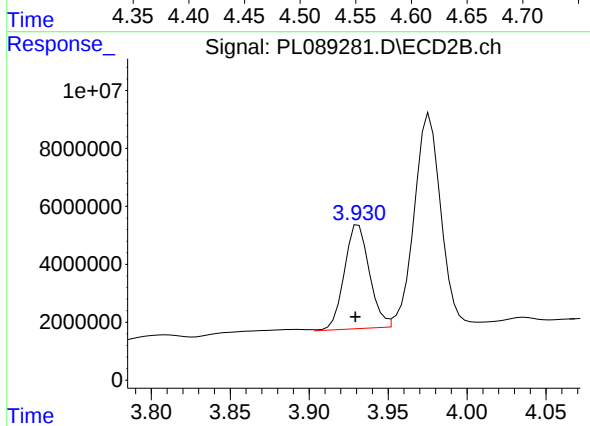
#5 Aldrin

R.T.: 4.258 min
Delta R.T.: 0.002 min
Response: 81290483
Conc: 45.98 ng/ml



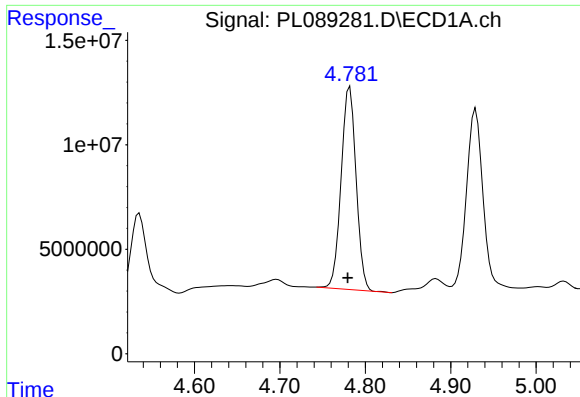
#6 beta-BHC

R.T.: 4.535 min
Delta R.T.: 0.004 min
Response: 51363917
Conc: 40.71 ng/ml



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: 0.002 min
Response: 39619092
Conc: 48.53 ng/ml



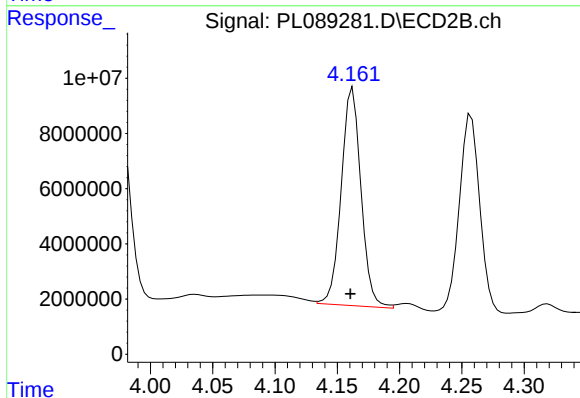
#7 delta-BHC

R.T.: 4.782 min
Delta R.T.: 0.003 min
Response: 118351968
Conc: 44.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MS

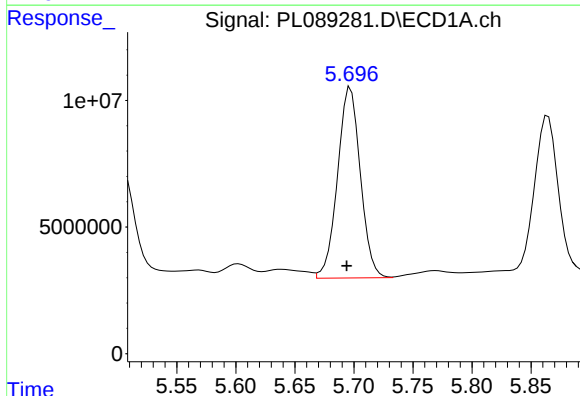
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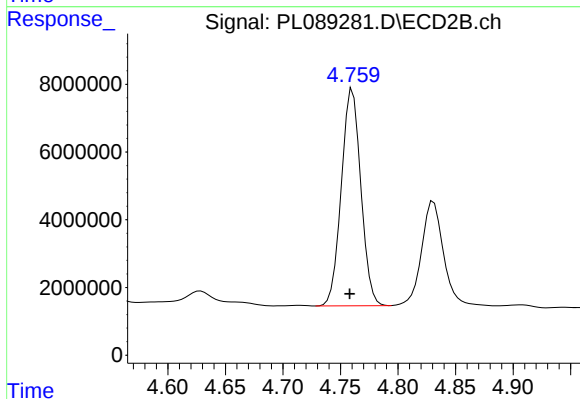
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: 0.002 min
Response: 87575436
Conc: 48.67 ng/ml



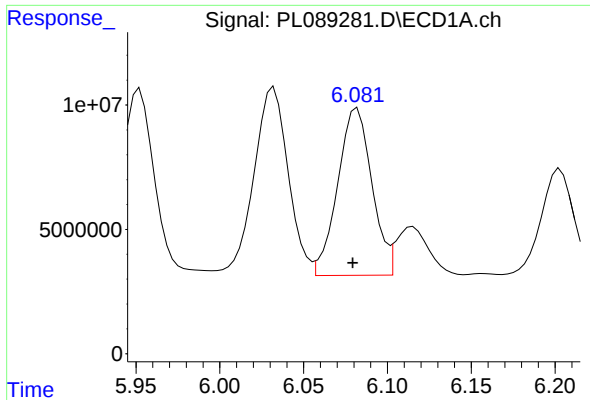
#8 Heptachlor epoxide

R.T.: 5.697 min
Delta R.T.: 0.003 min
Response: 101356663
Conc: 43.21 ng/ml



#8 Heptachlor epoxide

R.T.: 4.760 min
Delta R.T.: 0.002 min
Response: 75874243
Conc: 46.93 ng/ml



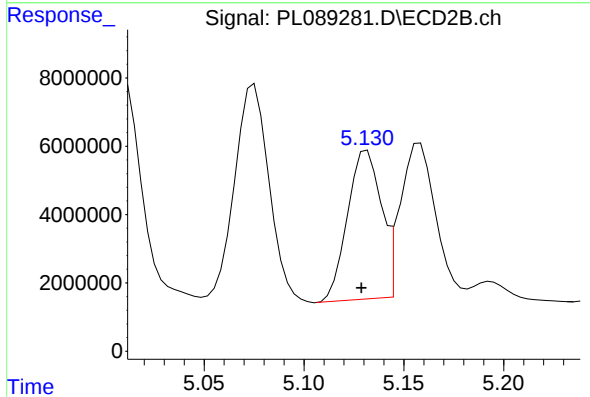
#9 Endosulfan I

R.T.: 6.082 min
Delta R.T.: 0.003 min
Response: 95516267
Conc: 44.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MS

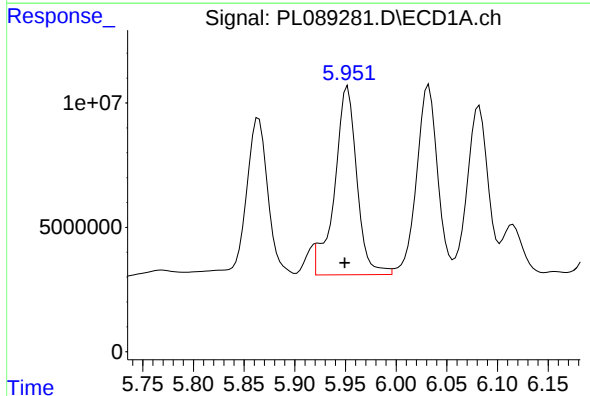
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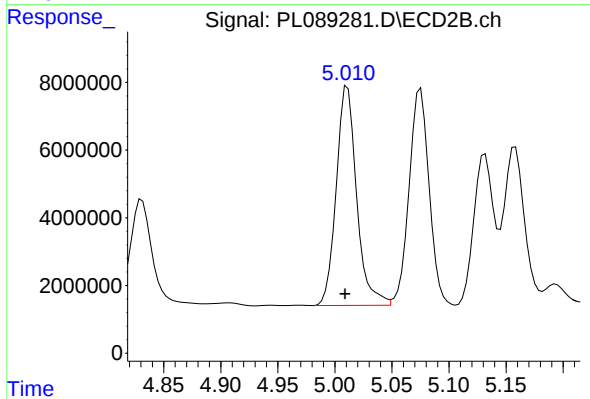
#9 Endosulfan I

R.T.: 5.132 min
Delta R.T.: 0.003 min
Response: 51008594
Conc: 34.06 ng/ml



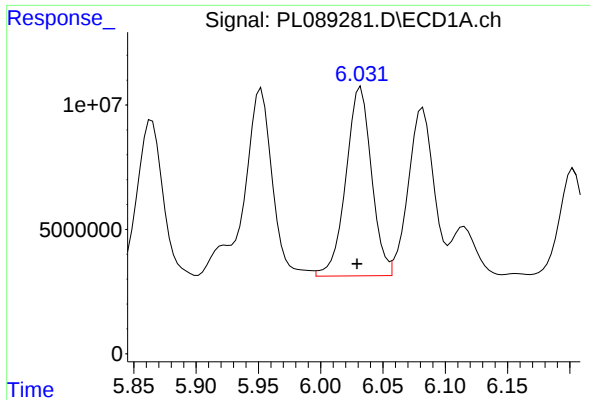
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.002 min
Response: 115710105
Conc: 50.62 ng/ml m



#10 gamma-Chlordane

R.T.: 5.011 min
Delta R.T.: 0.002 min
Response: 80701305
Conc: 49.18 ng/ml



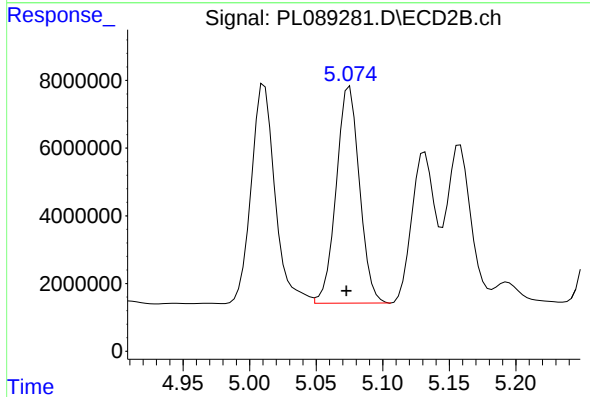
#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: 0.003 min
Response: 109074210
Conc: 47.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MS

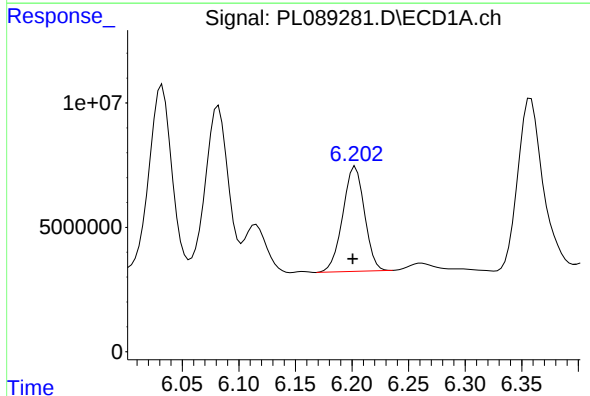
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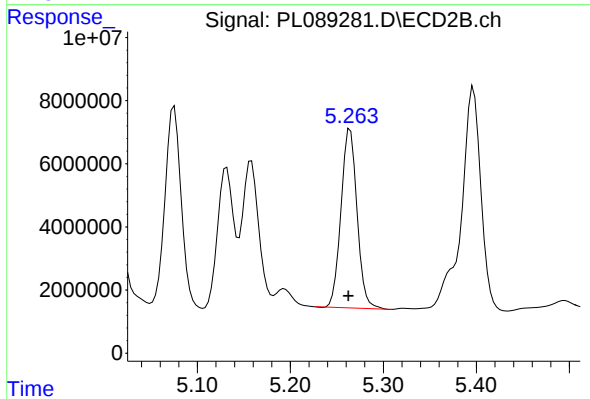
#11 alpha-Chlordane

R.T.: 5.075 min
Delta R.T.: 0.003 min
Response: 77940015
Conc: 47.26 ng/ml



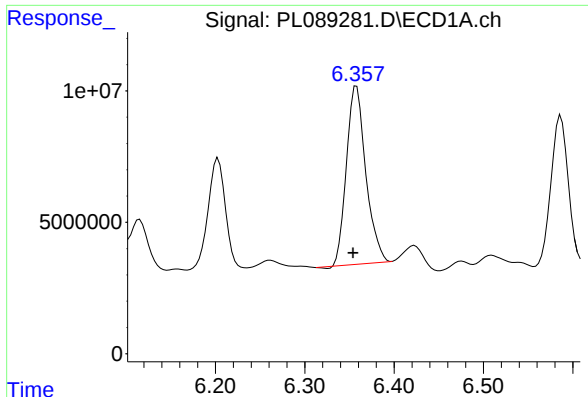
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.003 min
Response: 56258641
Conc: 27.80 ng/ml



#12 4,4'-DDE

R.T.: 5.264 min
Delta R.T.: 0.002 min
Response: 68069574
Conc: 46.82 ng/ml



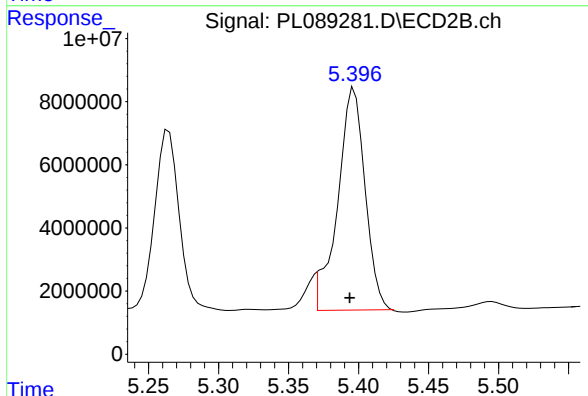
#13 Dieldrin

R.T.: 6.358 min
Delta R.T.: 0.004 min
Response: 101860768
Conc: 45.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MS

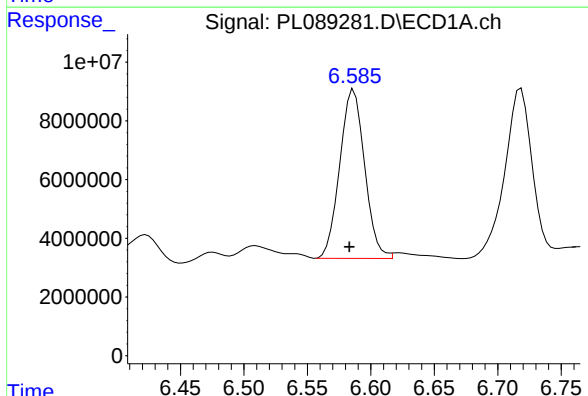
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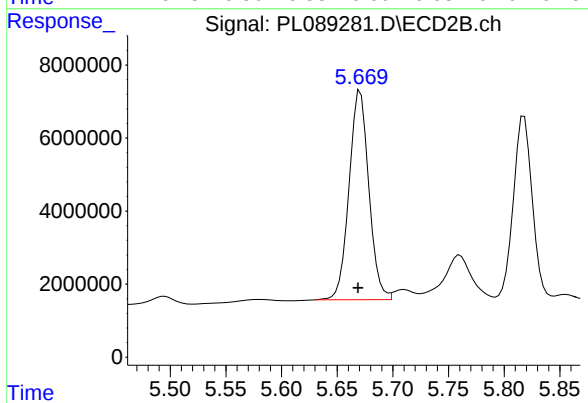
#13 Dieldrin

R.T.: 5.396 min
Delta R.T.: 0.002 min
Response: 94932345
Conc: 59.01 ng/ml m



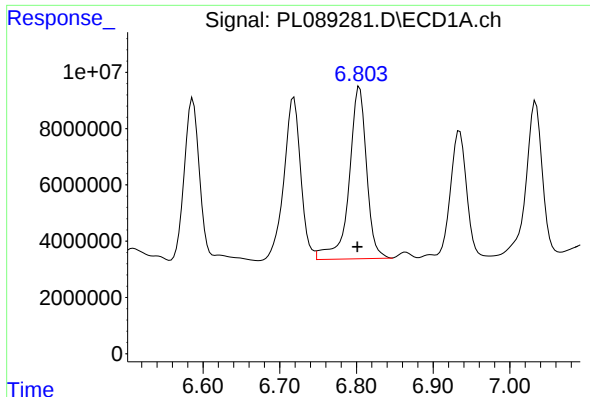
#14 Endrin

R.T.: 6.587 min
Delta R.T.: 0.003 min
Response: 78415508
Conc: 41.39 ng/ml



#14 Endrin

R.T.: 5.671 min
Delta R.T.: 0.002 min
Response: 70962851
Conc: 49.36 ng/ml



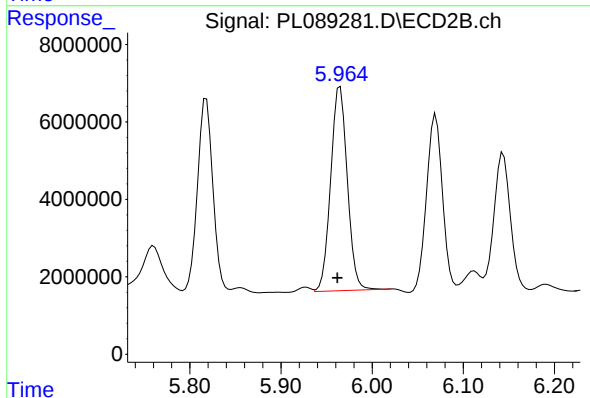
#15 Endosulfan II

R.T.: 6.804 min
Delta R.T.: 0.003 min
Response: 97694935
Conc: 48.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MS

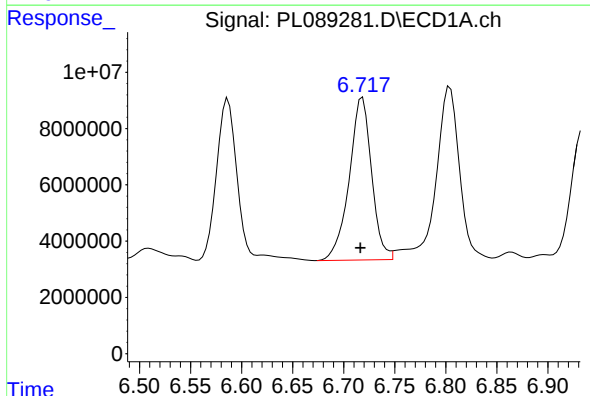
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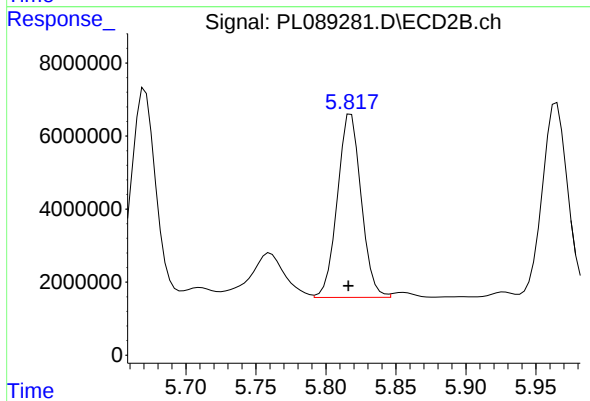
#15 Endosulfan II

R.T.: 5.965 min
Delta R.T.: 0.003 min
Response: 66765047
Conc: 46.42 ng/ml



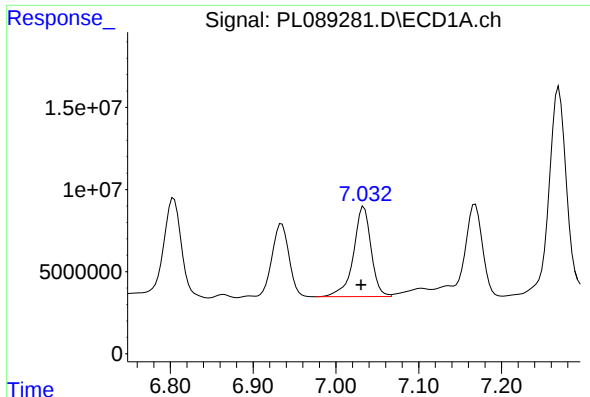
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.002 min
Response: 87966228
Conc: 52.14 ng/ml



#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: 0.002 min
Response: 59386378
Conc: 48.15 ng/ml



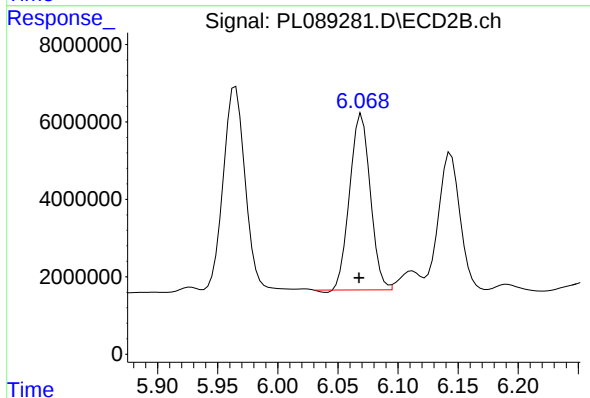
#17 4,4'-DDT

R.T.: 7.034 min
Delta R.T.: 0.003 min
Response: 81093681
Conc: 44.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MS

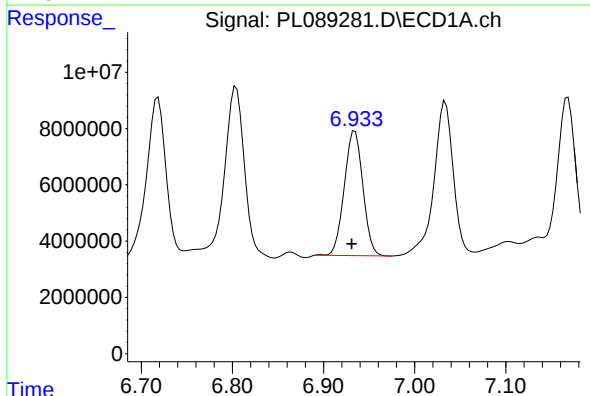
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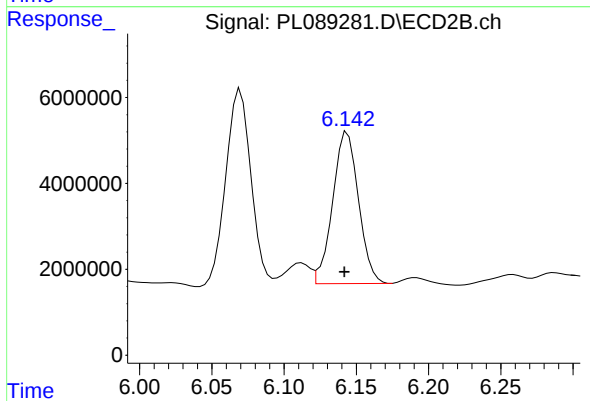
#17 4,4'-DDT

R.T.: 6.070 min
Delta R.T.: 0.002 min
Response: 54162340
Conc: 40.03 ng/ml



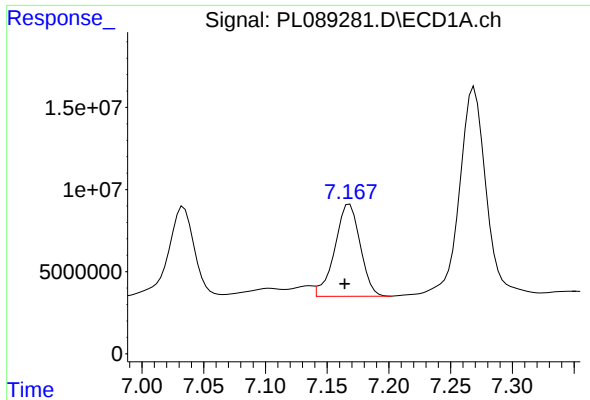
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.004 min
Response: 62799362
Conc: 41.53 ng/ml



#18 Endrin aldehyde

R.T.: 6.144 min
Delta R.T.: 0.002 min
Response: 43920998
Conc: 39.49 ng/ml



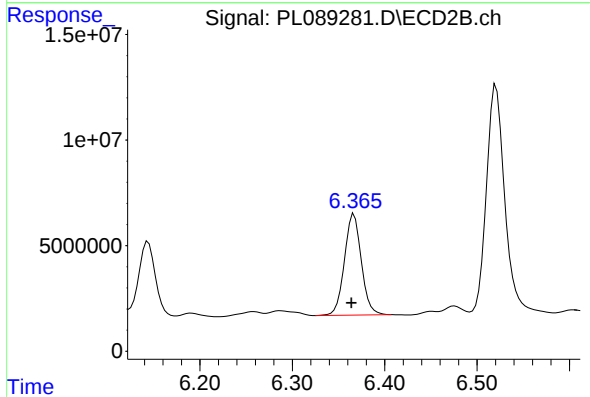
#19 Endosulfan Sulfate

R.T.: 7.168 min
Delta R.T.: 0.004 min
Response: 80354867
Conc: 44.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MS

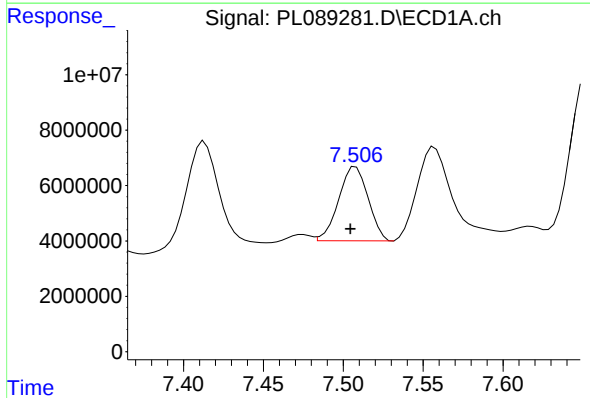
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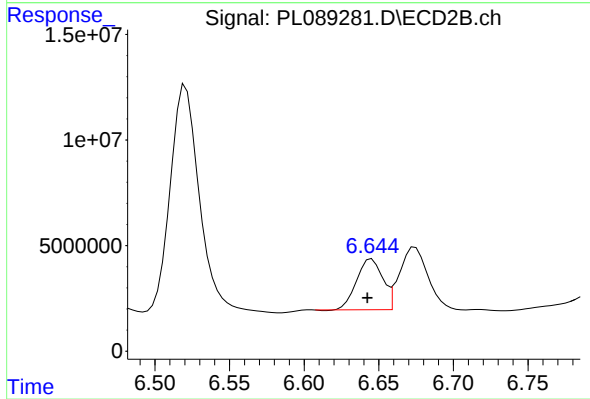
#19 Endosulfan Sulfate

R.T.: 6.367 min
Delta R.T.: 0.003 min
Response: 60922943
Conc: 43.92 ng/ml



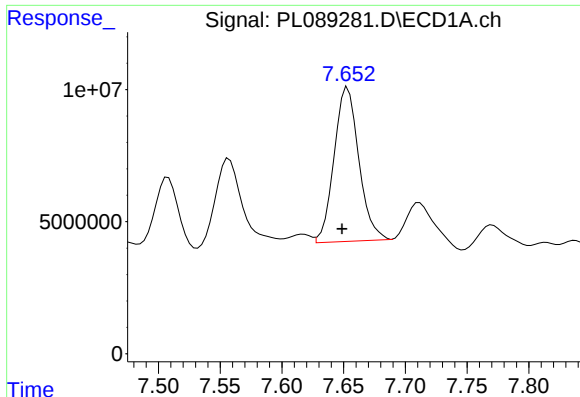
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.003 min
Response: 34370800
Conc: 34.95 ng/ml



#20 Methoxychlor

R.T.: 6.645 min
Delta R.T.: 0.003 min
Response: 29217709
Conc: 36.54 ng/ml



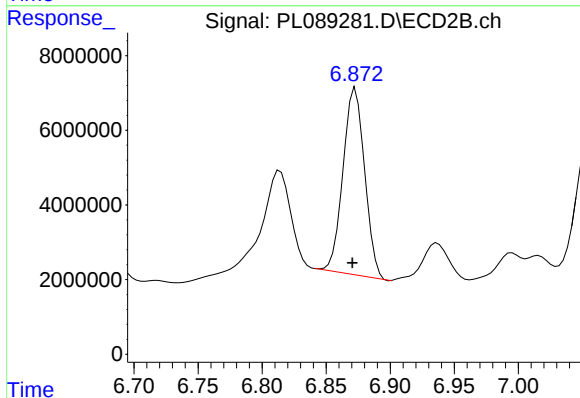
#21 Endrin ketone

R.T.: 7.653 min
Delta R.T.: 0.005 min
Response: 81417602
Conc: 40.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MS

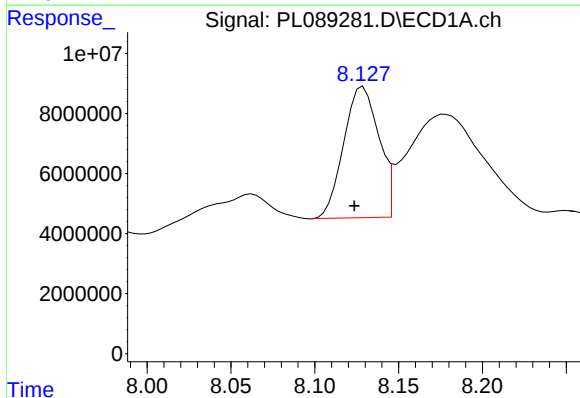
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Reviewed By :Abdul Mirza 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



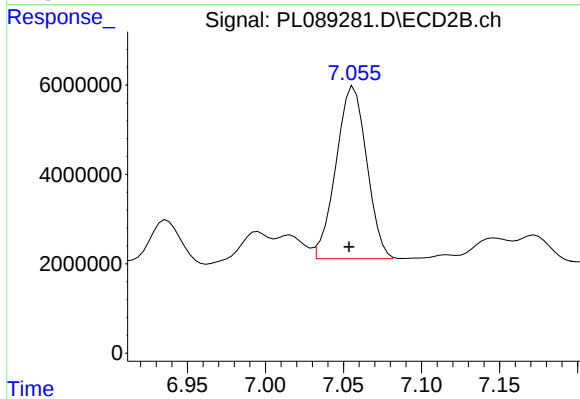
#21 Endrin ketone

R.T.: 6.873 min
Delta R.T.: 0.002 min
Response: 58696235
Conc: 36.71 ng/ml



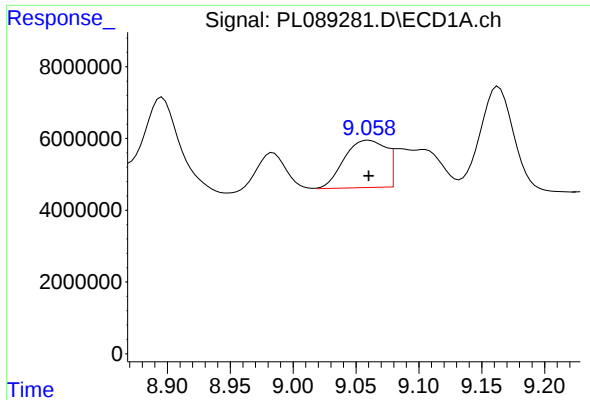
#22 Mirex

R.T.: 8.127 min
Delta R.T.: 0.004 min
Response: 66534137
Conc: 42.81 ng/ml m



#22 Mirex

R.T.: 7.055 min
Delta R.T.: 0.002 min
Response: 52556562
Conc: 38.52 ng/ml m



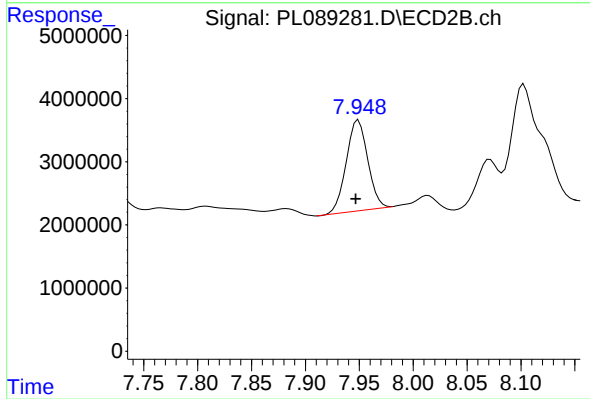
#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.002 min
Response: 31998907
Conc: 22.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.003 min
Response: 19876643
Conc: 14.78 ng/ml