

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071124\
 Data File : PL090487.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jul 2024 15:03
 Operator : AR\AJ
 Sample : PB162011BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB162011BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/12/2024
 Supervised By : Ankita Jodhani 07/12/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 12 01:03:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062424.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 25 11:05:38 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...	3.546	2.790	55926241	42891179	24.642m	27.116
28)	SA Decachlor...	9.062	7.933	36529986	36502632	23.687	24.470
Target Compounds							
2)	A alpha-BHC	4.003	3.292	148.0E6	123.6E6	47.180	55.276m
3)	MA gamma-BHC...	4.335	3.624	144.1E6	122.2E6	47.924	57.175
4)	MA Heptachlor	4.923	3.964	127.1E6	112.1E6	45.729m	53.944
5)	MB Aldrin	5.265	4.243	129.0E6	113.9E6	47.138m	57.580m
6)	B beta-BHC	4.531	3.920	64165791	52210913	47.637	54.083m
7)	B delta-BHC	4.778	4.152	130.2E6	109.0E6	46.152	53.749
8)	B Heptachlo...	5.691	4.746	127.3E6	103.8E6	49.902	56.514m
9)	A Endosulfan I	6.076	5.117	108.4E6	94720682	46.025m	54.742
10)	B gamma-Chl...	5.946	4.997	118.7E6	106.5E6	46.968m	55.576
11)	B alpha-Chl...	6.025	5.061	118.1E6	106.7E6	47.358m	55.688
12)	B 4,4'-DDE	6.198	5.249	105.5E6	97445438	48.320m	58.824m
13)	MA Dieldrin	6.352	5.380	116.6E6	105.4E6	47.693	57.136m
14)	MA Endrin	6.581	5.656	96680518	88125792	45.598	53.294m
15)	B Endosulfa...	6.799	5.951	102.7E6	92347319	46.464	56.283
16)	A 4,4'-DDD	6.715	5.804	93744114	83621584	51.168	61.009
17)	MA 4,4'-DDT	7.028	6.055	86291818	79483192	44.969m	53.701
18)	B Endrin al...	6.930	6.130	82247294	73438742	48.713	57.667
19)	B Endosulfa...	7.164	6.353	94767028	87842710	47.845	56.175
20)	A Methoxychlor	7.505	6.629	48296062	45082863	46.865	54.039m
21)	B Endrin ke...	7.648	6.859	109.6E6	104.1E6	50.541	58.130
22)	Mirex	8.122	7.040	78208162	78505601	44.981	51.407m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071124\
Data File : PL090487.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2024 15:03
Operator : AR\AJ
Sample : PB162011BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB162011BS

Manual Integrations

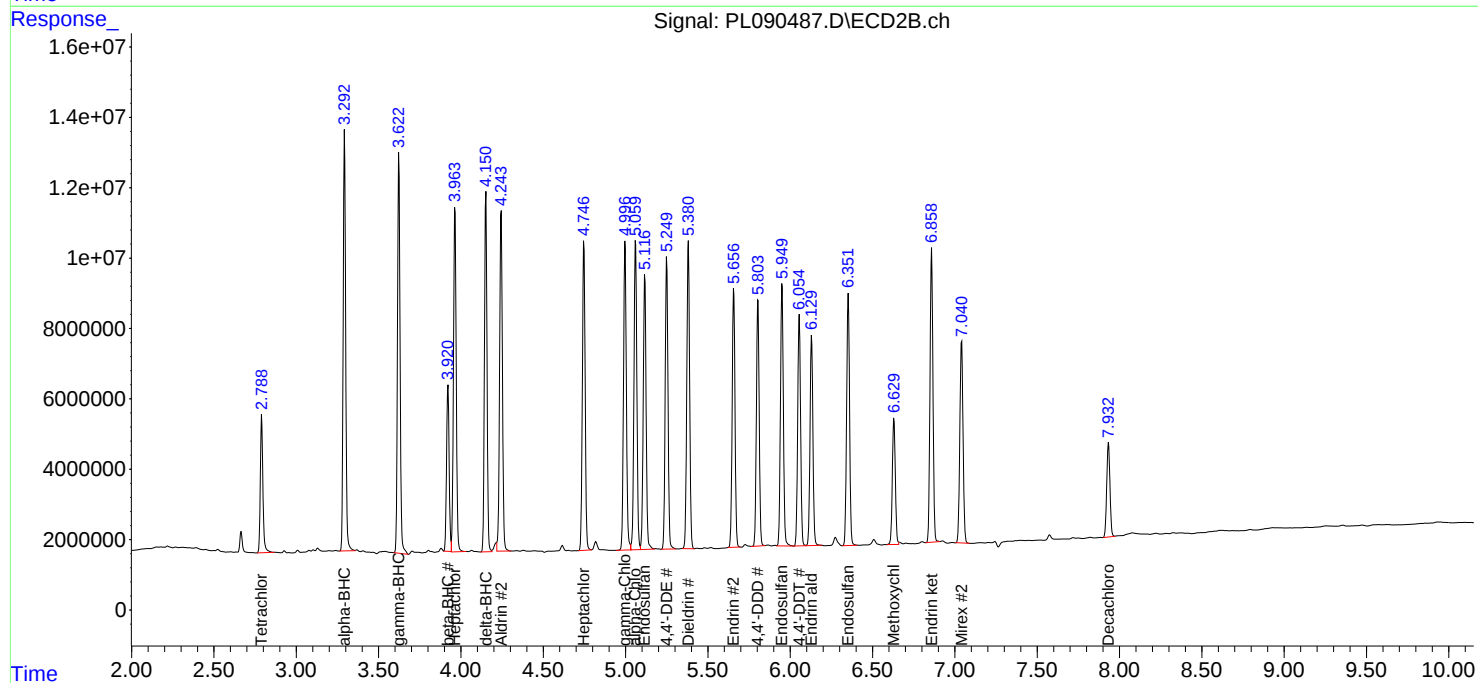
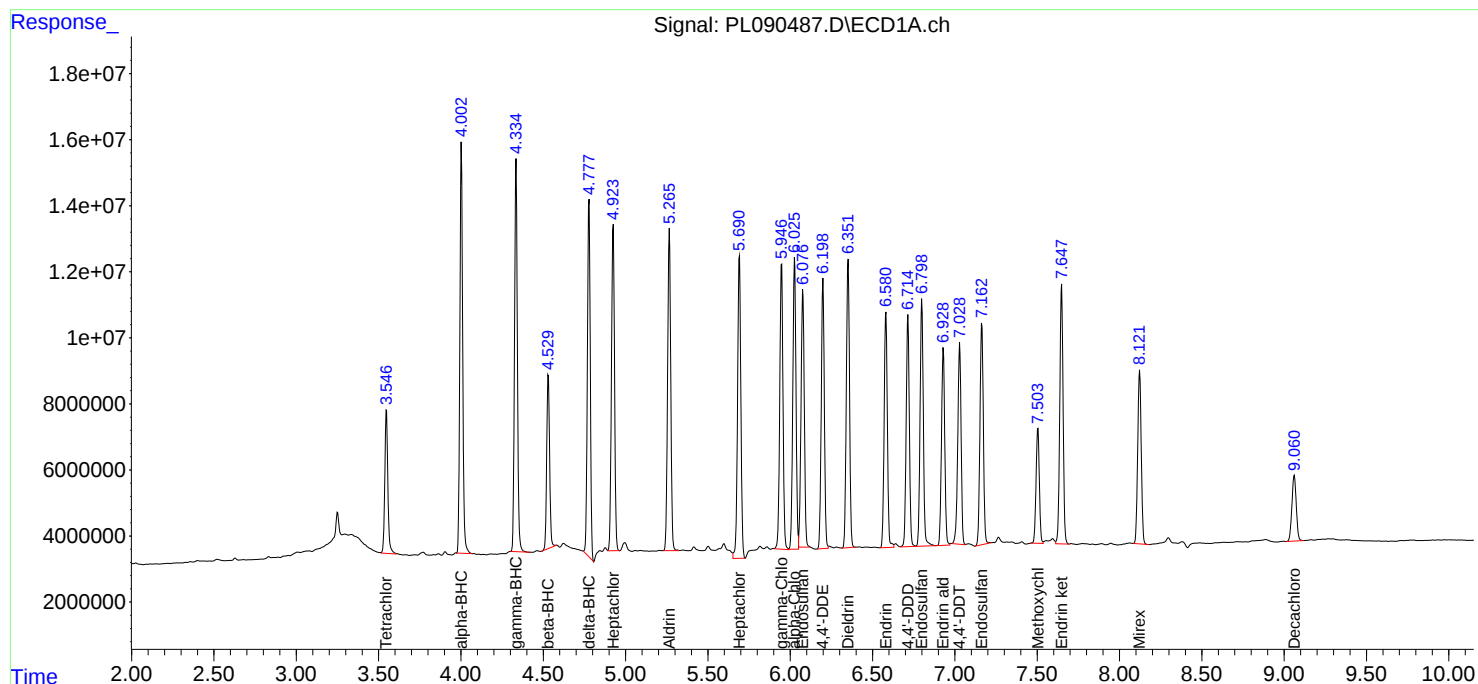
APPROVED

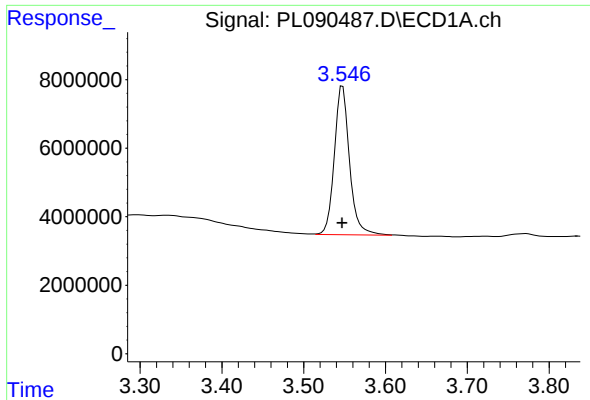
Reviewed By :Abdul Mirza 07/12/2024

Supervised By :Ankita Jodhani 07/12/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 12 01:03:29 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062424.M
Quant Title : GC Extractables
QLast Update : Tue Jun 25 11:05:38 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





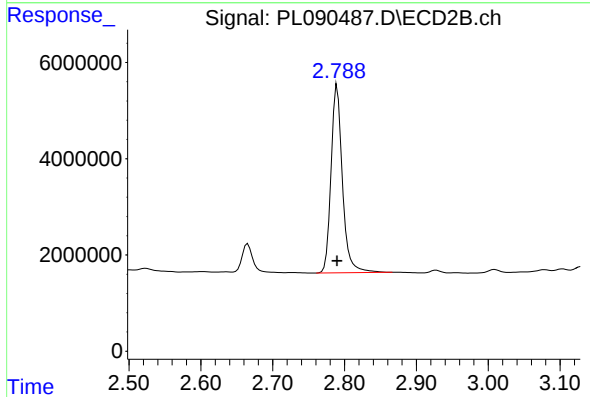
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 55926241
Conc: 24.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162011BS

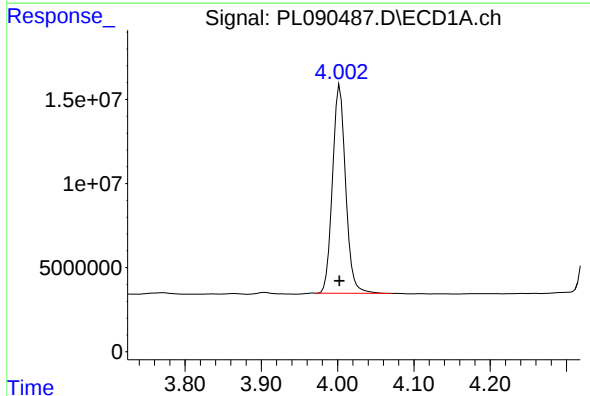
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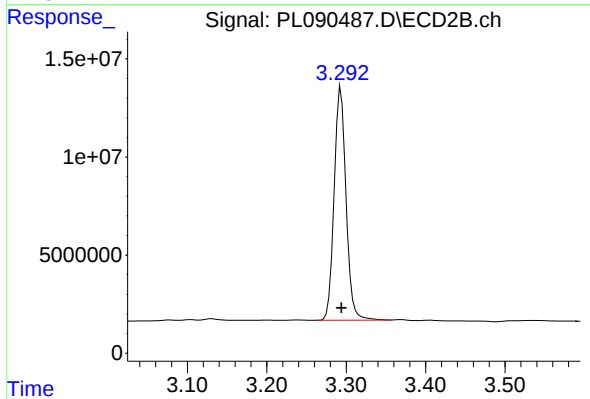
#1 Tetrachloro-m-xylene

R.T.: 2.790 min
Delta R.T.: 0.000 min
Response: 42891179
Conc: 27.12 ng/ml



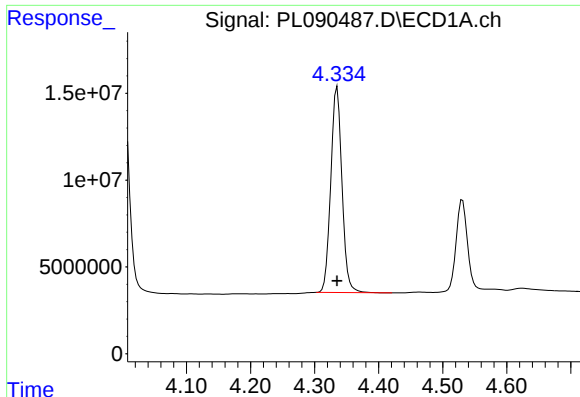
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 147979474
Conc: 47.18 ng/ml



#2 alpha-BHC

R.T.: 3.292 min
Delta R.T.: -0.002 min
Response: 123571487
Conc: 55.28 ng/ml m



#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 144061471
Conc: 47.92 ng/ml

Instrument :

ECD_L

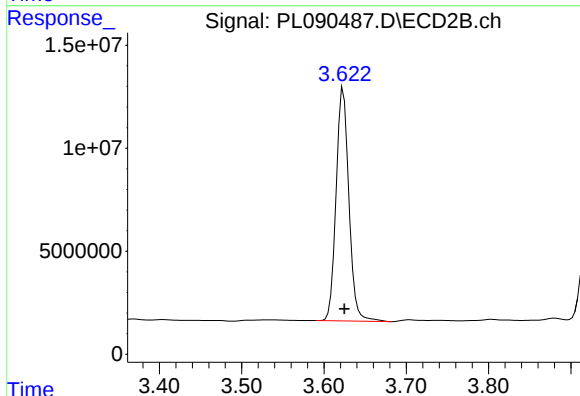
ClientSampleId :

PB162011BS

Manual Integrations

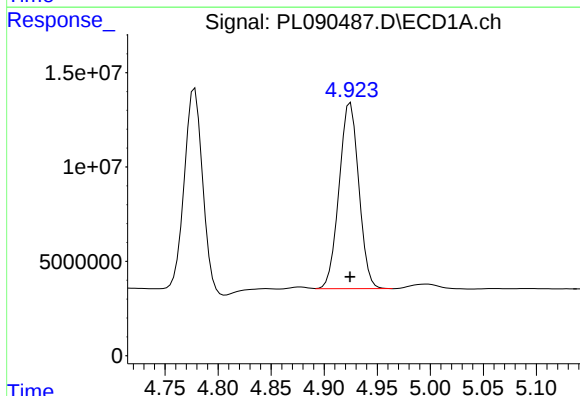
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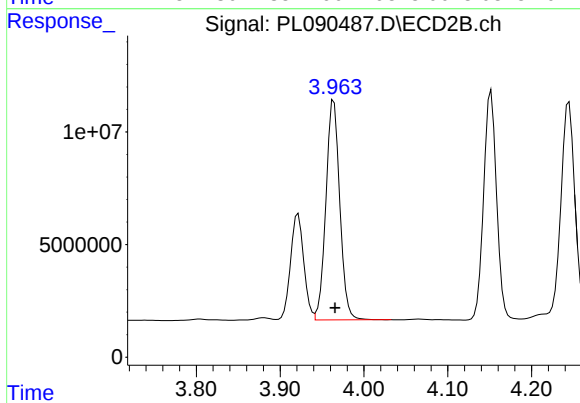
#3 gamma-BHC (Lindane)

R.T.: 3.624 min
Delta R.T.: -0.001 min
Response: 122238123
Conc: 57.17 ng/ml



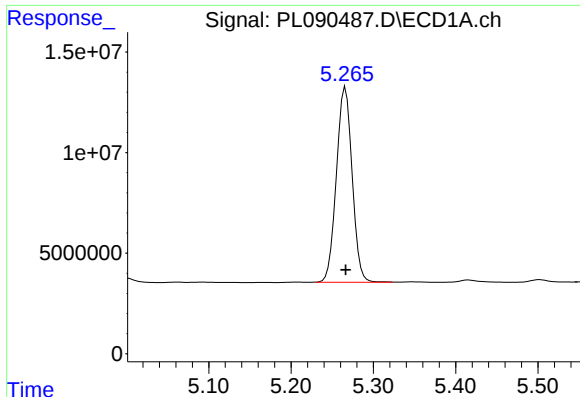
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: -0.001 min
Response: 127082890
Conc: 45.73 ng/ml m



#4 Heptachlor

R.T.: 3.964 min
Delta R.T.: -0.002 min
Response: 112141667
Conc: 53.94 ng/ml



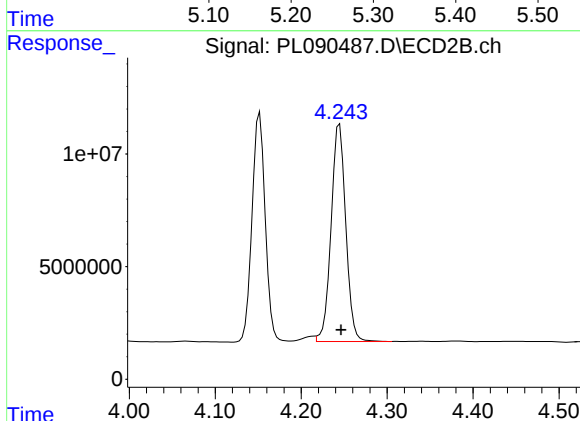
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: -0.002 min
Response: 129042018
Conc: 47.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162011BS

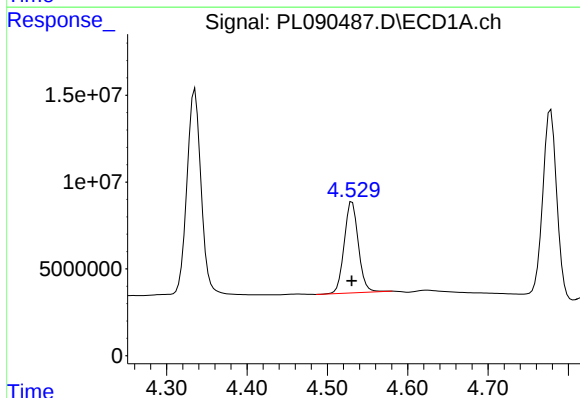
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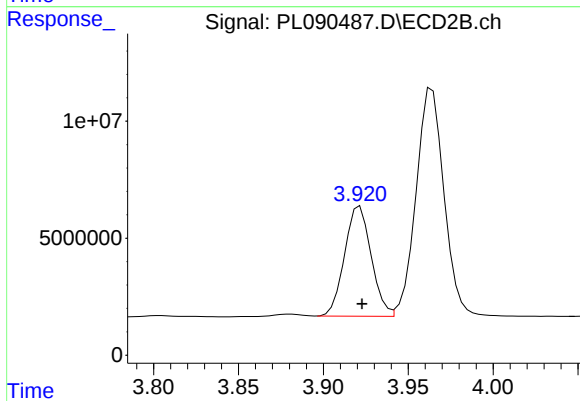
#5 Aldrin

R.T.: 4.243 min
Delta R.T.: -0.003 min
Response: 113916317
Conc: 57.58 ng/ml m



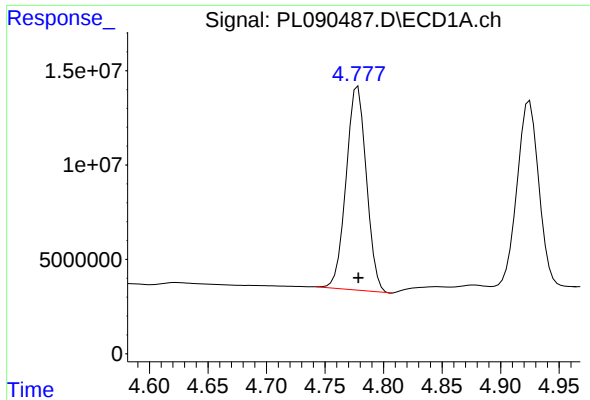
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 64165791
Conc: 47.64 ng/ml



#6 beta-BHC

R.T.: 3.920 min
Delta R.T.: -0.003 min
Response: 52210913
Conc: 54.08 ng/ml m



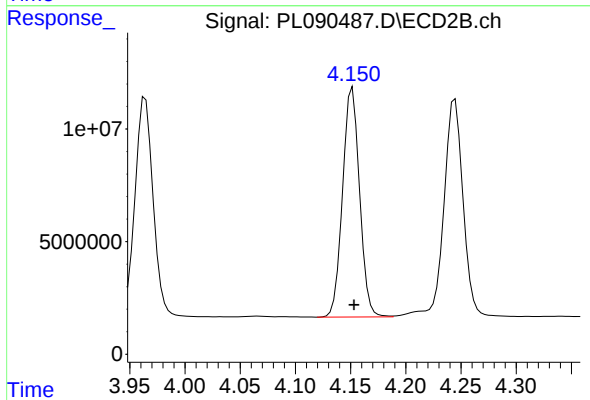
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.000 min
Response: 130167559
Conc: 46.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162011BS

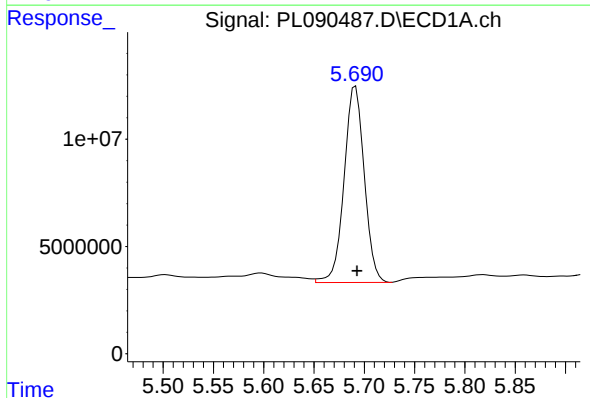
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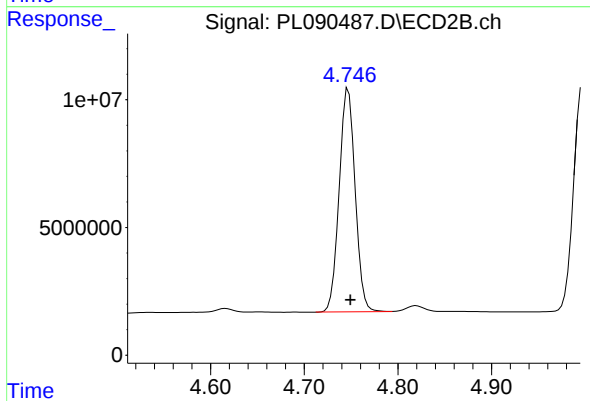
#7 delta-BHC

R.T.: 4.152 min
Delta R.T.: -0.002 min
Response: 109045888
Conc: 53.75 ng/ml



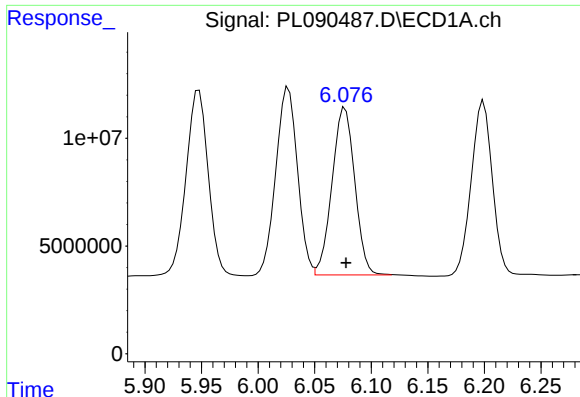
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: -0.001 min
Response: 127256883
Conc: 49.90 ng/ml



#8 Heptachlor epoxide

R.T.: 4.746 min
Delta R.T.: -0.004 min
Response: 103824819
Conc: 56.51 ng/ml m



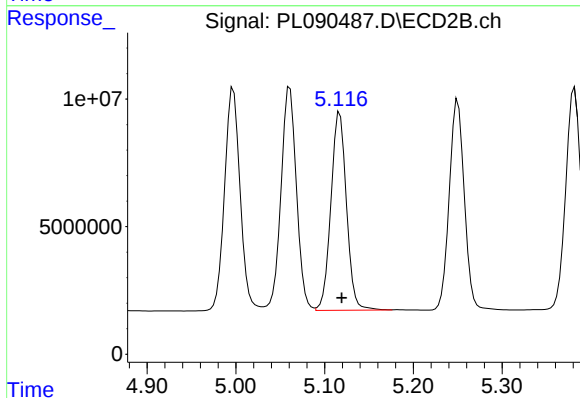
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: -0.002 min
Response: 108381004
Conc: 46.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162011BS

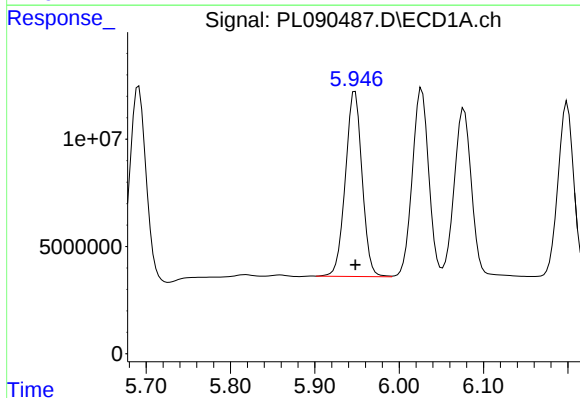
Manual Integrations
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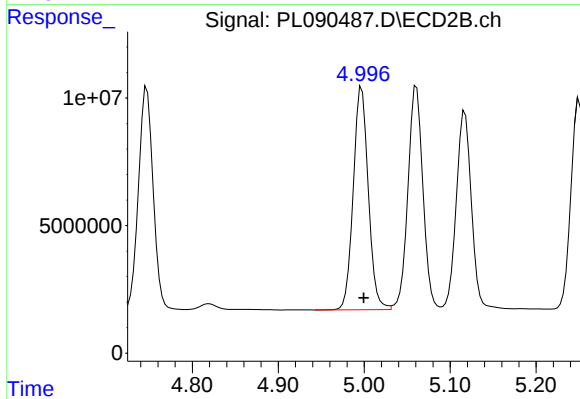
#9 Endosulfan I

R.T.: 5.117 min
Delta R.T.: -0.002 min
Response: 94720682
Conc: 54.74 ng/ml



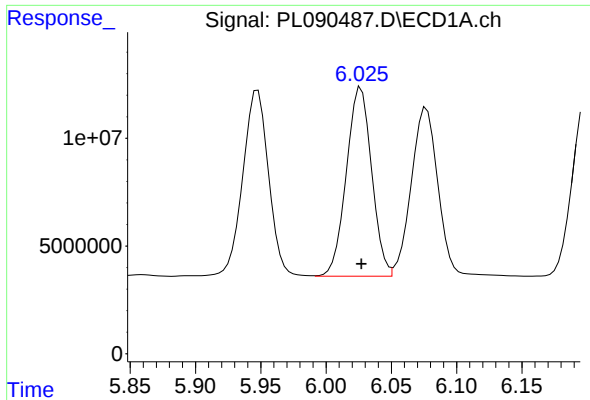
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: -0.002 min
Response: 118678609
Conc: 46.97 ng/ml m



#10 gamma-Chlordane

R.T.: 4.997 min
Delta R.T.: -0.002 min
Response: 106514553
Conc: 55.58 ng/ml



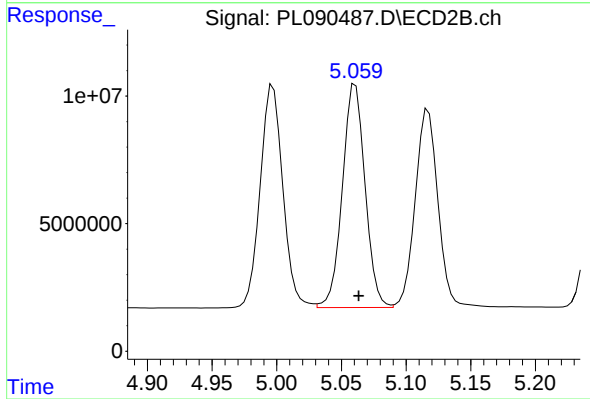
#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: -0.002 min
Response: 118128599
Conc: 47.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162011BS

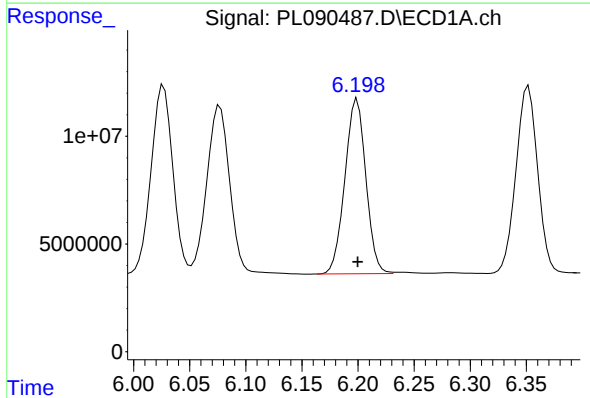
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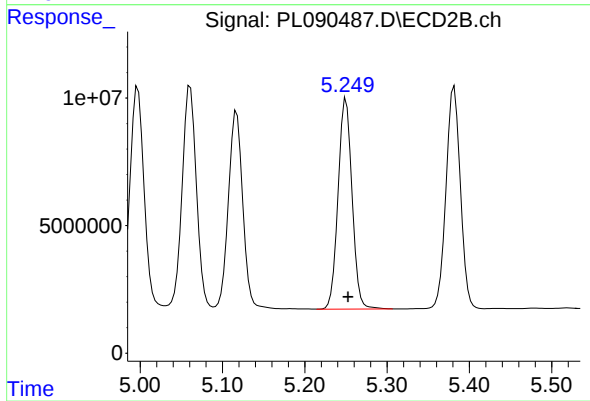
#11 alpha-Chlordane

R.T.: 5.061 min
Delta R.T.: -0.003 min
Response: 106658534
Conc: 55.69 ng/ml



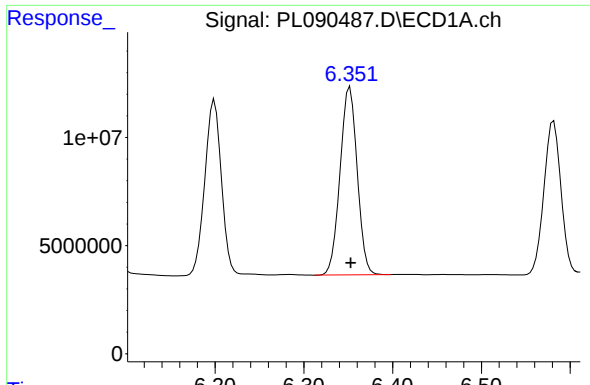
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: -0.002 min
Response: 105481266
Conc: 48.32 ng/ml m



#12 4,4'-DDE

R.T.: 5.249 min
Delta R.T.: -0.004 min
Response: 97445438
Conc: 58.82 ng/ml m



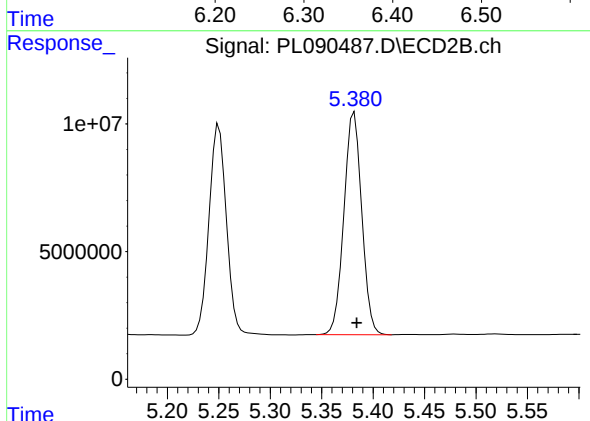
#13 Dieldrin

R.T.: 6.352 min
Delta R.T.: 0.000 min
Response: 116602374
Conc: 47.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162011BS

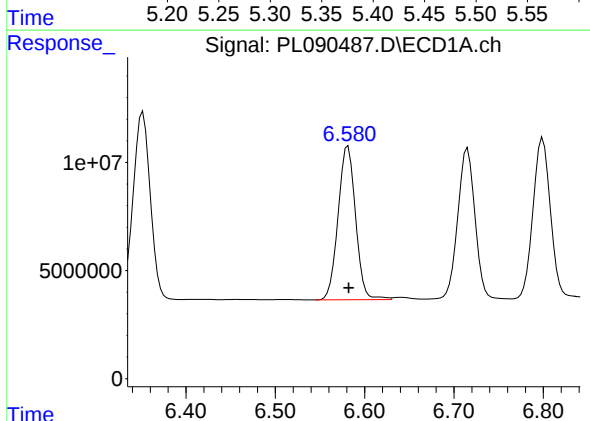
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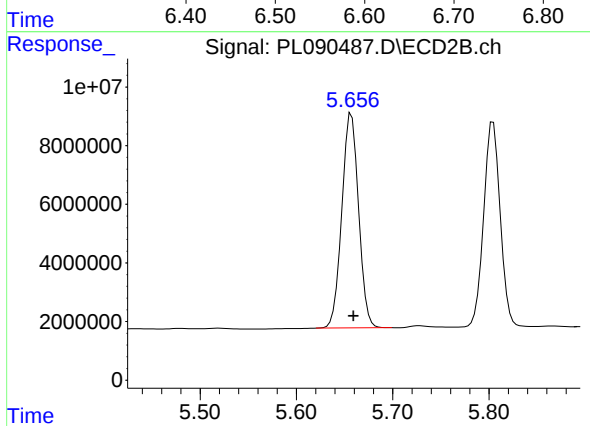
#13 Dieldrin

R.T.: 5.380 min
Delta R.T.: -0.004 min
Response: 105383828
Conc: 57.14 ng/ml m



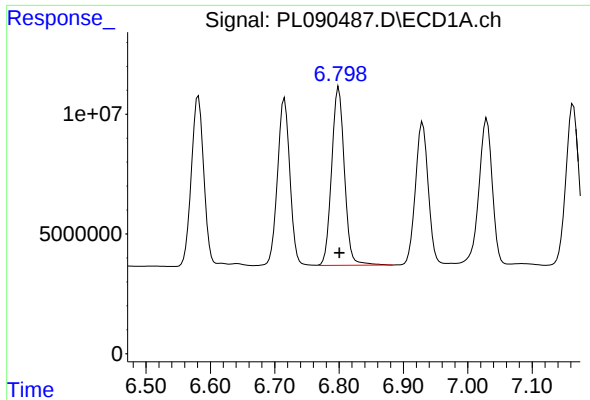
#14 Endrin

R.T.: 6.581 min
Delta R.T.: 0.000 min
Response: 96680518
Conc: 45.60 ng/ml



#14 Endrin

R.T.: 5.656 min
Delta R.T.: -0.003 min
Response: 88125792
Conc: 53.29 ng/ml m



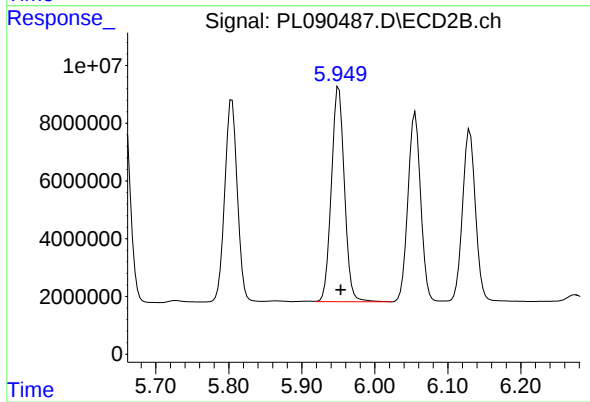
#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: -0.001 min
Response: 102737191
Conc: 46.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162011BS

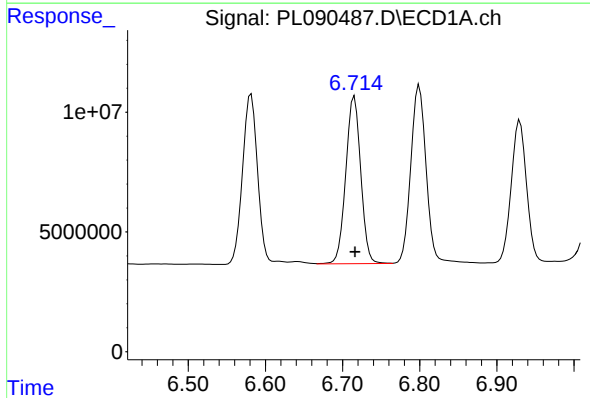
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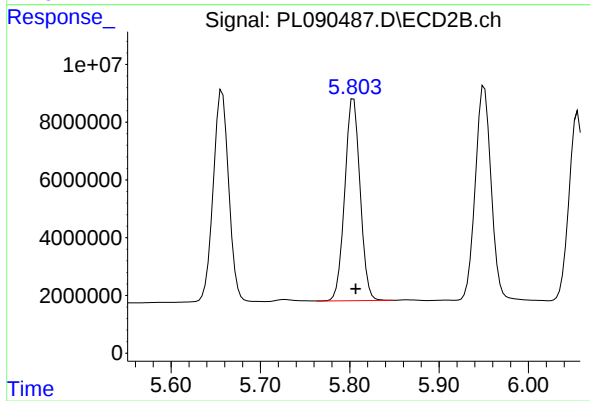
#15 Endosulfan II

R.T.: 5.951 min
Delta R.T.: -0.003 min
Response: 92347319
Conc: 56.28 ng/ml



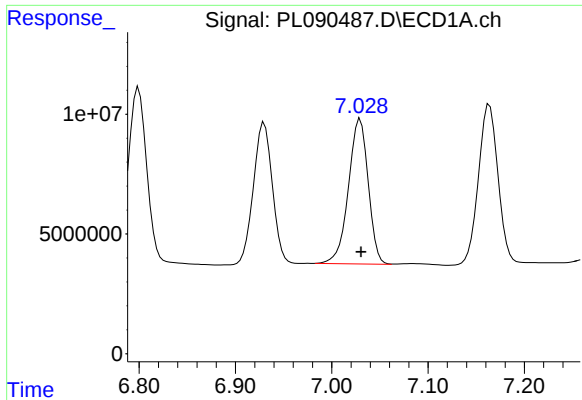
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: -0.001 min
Response: 93744114
Conc: 51.17 ng/ml



#16 4,4'-DDD

R.T.: 5.804 min
Delta R.T.: -0.003 min
Response: 83621584
Conc: 61.01 ng/ml



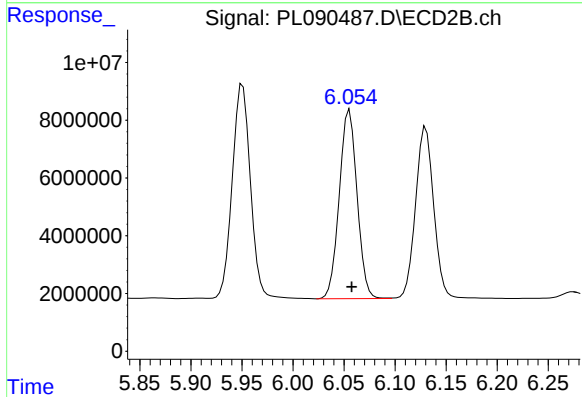
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: -0.002 min
Response: 86291818
Conc: 44.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162011BS

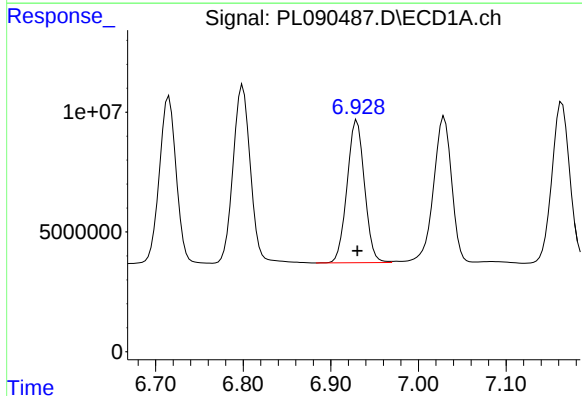
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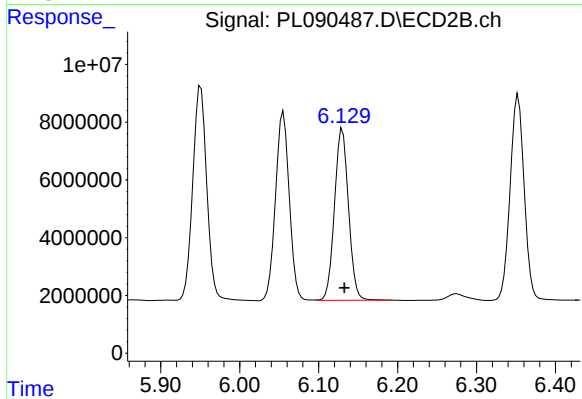
#17 4,4'-DDT

R.T.: 6.055 min
Delta R.T.: -0.002 min
Response: 79483192
Conc: 53.70 ng/ml



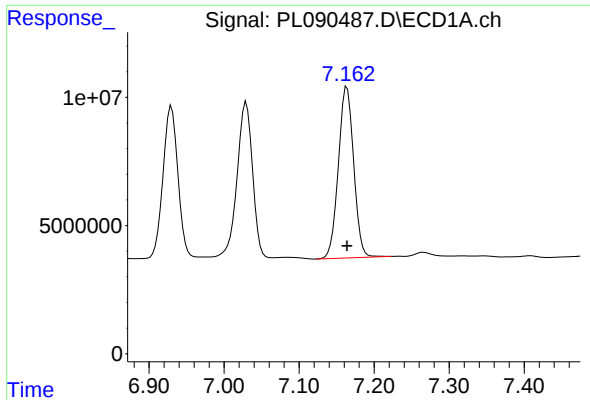
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: 0.000 min
Response: 82247294
Conc: 48.71 ng/ml



#18 Endrin aldehyde

R.T.: 6.130 min
Delta R.T.: -0.003 min
Response: 73438742
Conc: 57.67 ng/ml



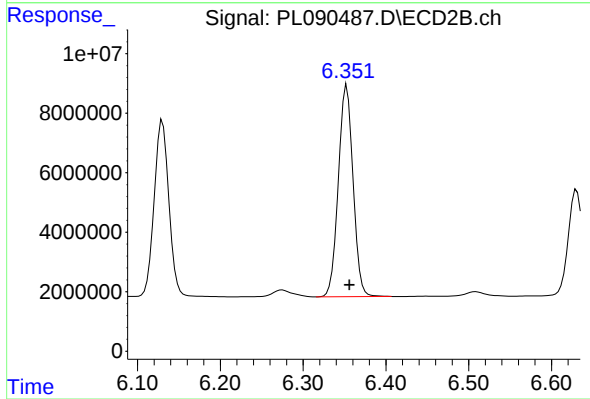
#19 Endosulfan Sulfate

R.T.: 7.164 min
Delta R.T.: 0.000 min
Response: 94767028
Conc: 47.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162011BS

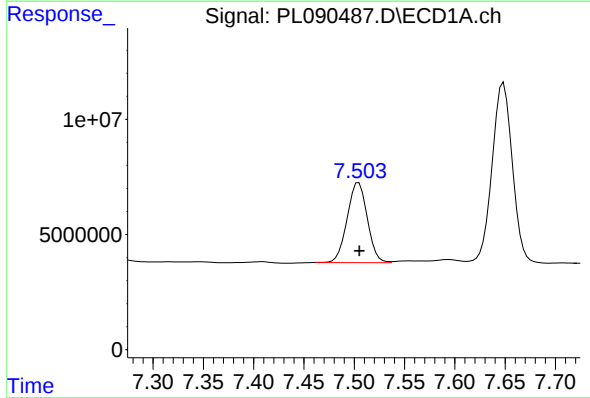
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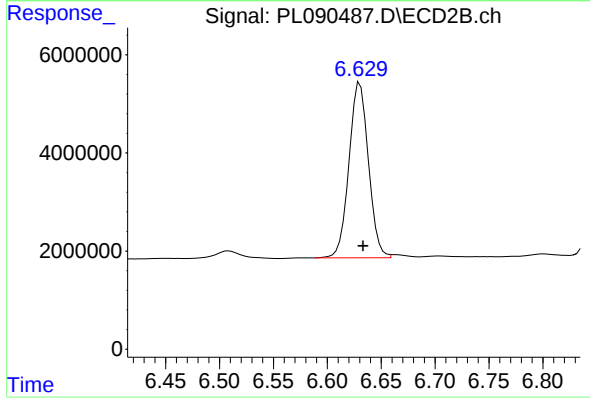
#19 Endosulfan Sulfate

R.T.: 6.353 min
Delta R.T.: -0.003 min
Response: 87842710
Conc: 56.17 ng/ml



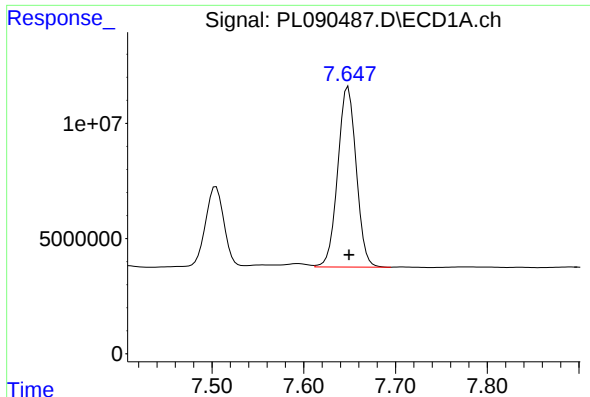
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 48296062
Conc: 46.86 ng/ml



#20 Methoxychlor

R.T.: 6.629 min
Delta R.T.: -0.004 min
Response: 45082863
Conc: 54.04 ng/ml m



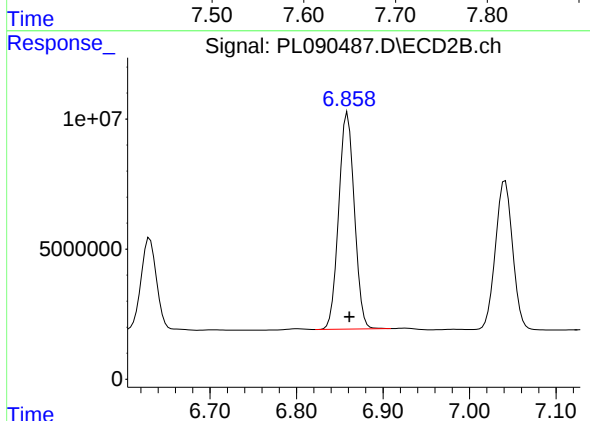
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 109628596
Conc: 50.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162011BS

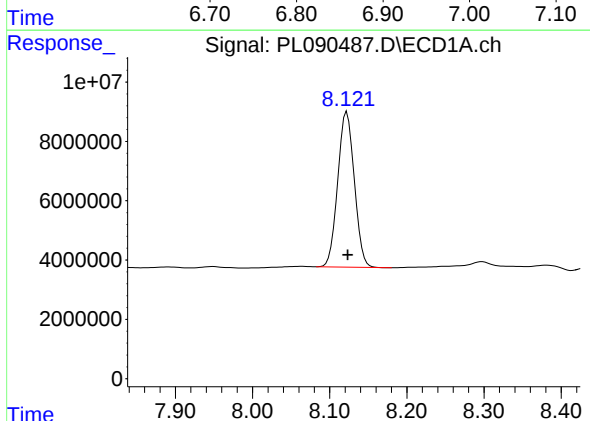
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/12/2024
Supervised By :Ankita Jodhani 07/12/2024



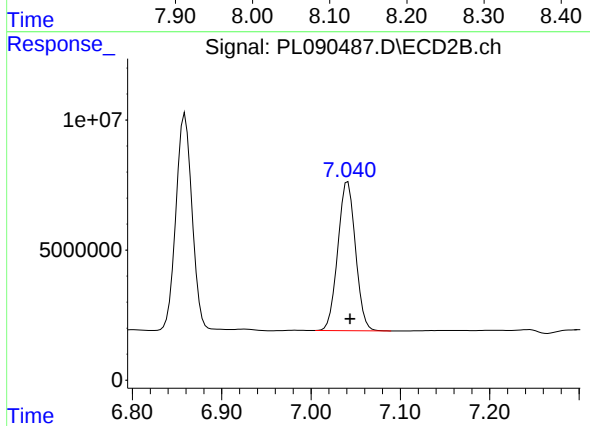
#21 Endrin ketone

R.T.: 6.859 min
Delta R.T.: -0.002 min
Response: 104081513
Conc: 58.13 ng/ml



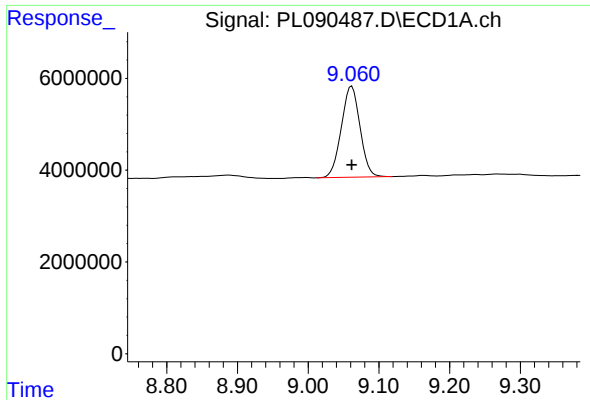
#22 Mirex

R.T.: 8.122 min
Delta R.T.: -0.001 min
Response: 78208162
Conc: 44.98 ng/ml



#22 Mirex

R.T.: 7.040 min
Delta R.T.: -0.004 min
Response: 78505601
Conc: 51.41 ng/ml m



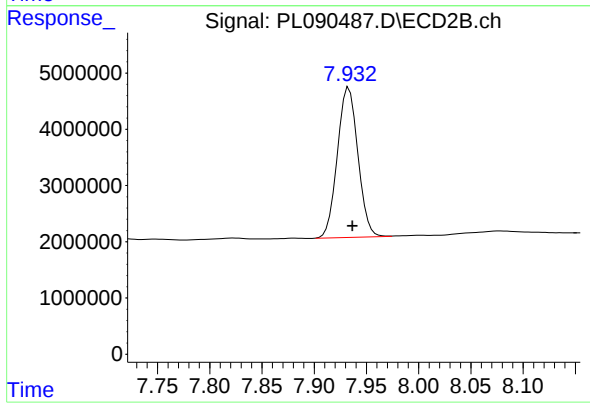
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.000 min
Response: 36529986
Conc: 23.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162011BS

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#28 Decachlorobiphenyl

R.T.: 7.933 min
Delta R.T.: -0.003 min
Response: 36502632
Conc: 24.47 ng/ml