

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051822\
 Data File : PL074816.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2022 02:22
 Operator : AR\AJ
 Sample : N2865-02MS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 P018-SS001-0006-01MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/19/2022
 Supervised By : mohammad ahmed 05/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 19 03:20:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Sat May 14 02:37:15 2022
 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...	5.646	4.651	10655117	27177729	20.985	19.801
28)	SA Decachlor...	11.645	10.403	7979404	19363323	17.868	18.865
Target Compounds							
2)	A alpha-BHC	6.229	5.354	43782209	109.6E6	63.995	65.144
3)	MA gamma-BHC...	6.628	5.774	41266728	103.3E6	63.930	62.511
4)	MA Heptachlor	7.283	6.185	41036921	98492673	63.586	64.890
5)	MB Aldrin	7.657	6.509	39413882	99146775	63.624	66.077
6)	B beta-BHC	6.879	6.152	18055513	45424692	60.497	57.212
7)	B delta-BHC	7.150	6.413	38959683	97571035	62.132	62.398
8)	B Heptachlo...	8.125	7.083	35882620	89017817	63.091	63.960
9)	A Endosulfan I	8.533	7.485	35411526	80721550	61.425	64.518
10)	B gamma-Chl...	8.394	7.360	34834219	90405386	67.345m	65.235
11)	B alpha-Chl...	8.477	7.429	38173069	88855649	62.527	65.730
12)	B 4,4'-DDE	8.662	7.641	31209440	79546791	67.417	67.601
13)	MA Dieldrin	8.824	7.771	35406087	87633181	67.362	68.791
14)	MA Endrin	9.065	8.061	29245449	76113589	70.870	72.056
15)	B Endosulfa...	9.299	8.371	31407523	76061496	71.444	67.334
16)	A 4,4'-DDD	9.204	8.225	27613845	63510732	61.076	64.469
17)	MA 4,4'-DDT	9.524	8.486	30195193	72538224	65.694	72.501
18)	B Endrin al...	9.433	8.558	25482491	53174493	72.001	66.578
19)	B Endosulfa...	9.671	8.789	29162491	75343277	64.523	69.215
20)	A Methoxychlor	10.009	9.078	16567350	42772941	67.646	73.192m
21)	B Endrin ke...	10.174	9.307	32155448	80529800	62.701	72.231
22)	Mirex	10.647	9.497	25010143	62354600	61.982	64.376

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051822\
 Data File : PL074816.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2022 02:22
 Operator : AR\AJ
 Sample : N2865-02MS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

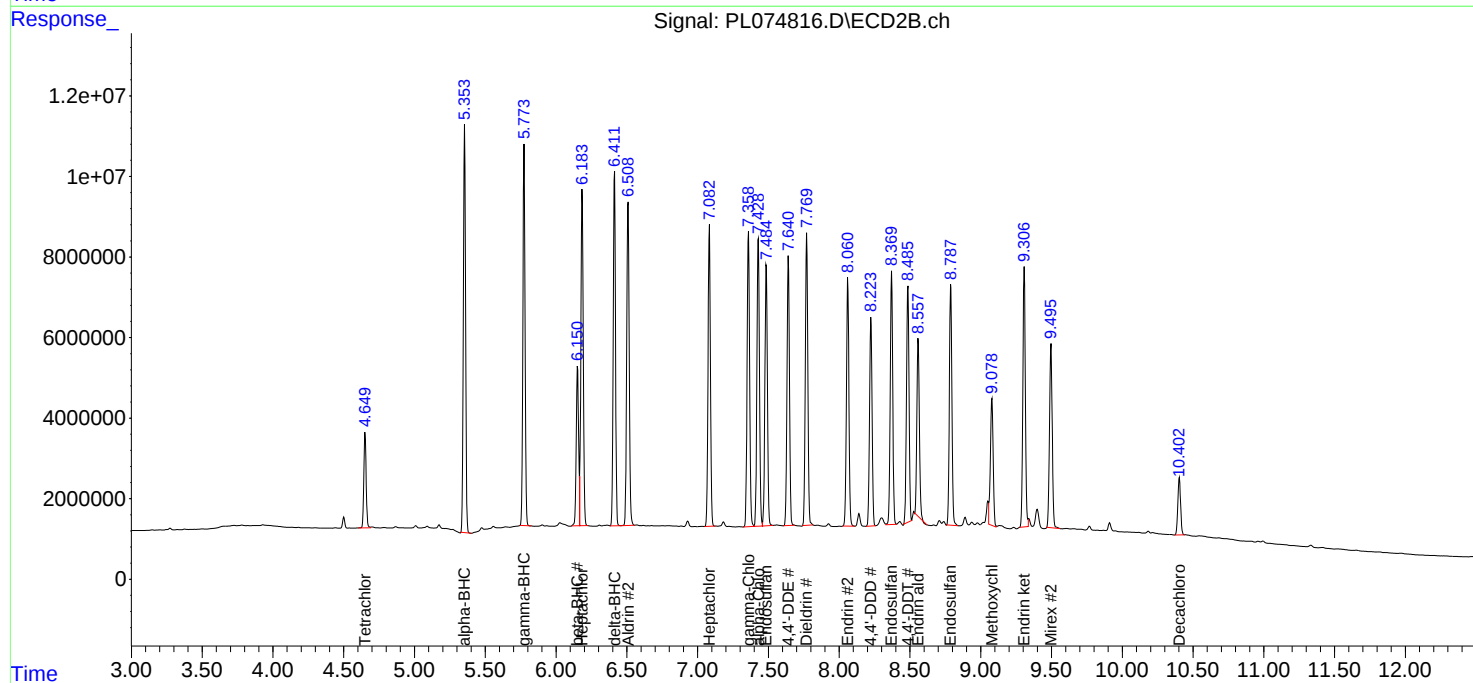
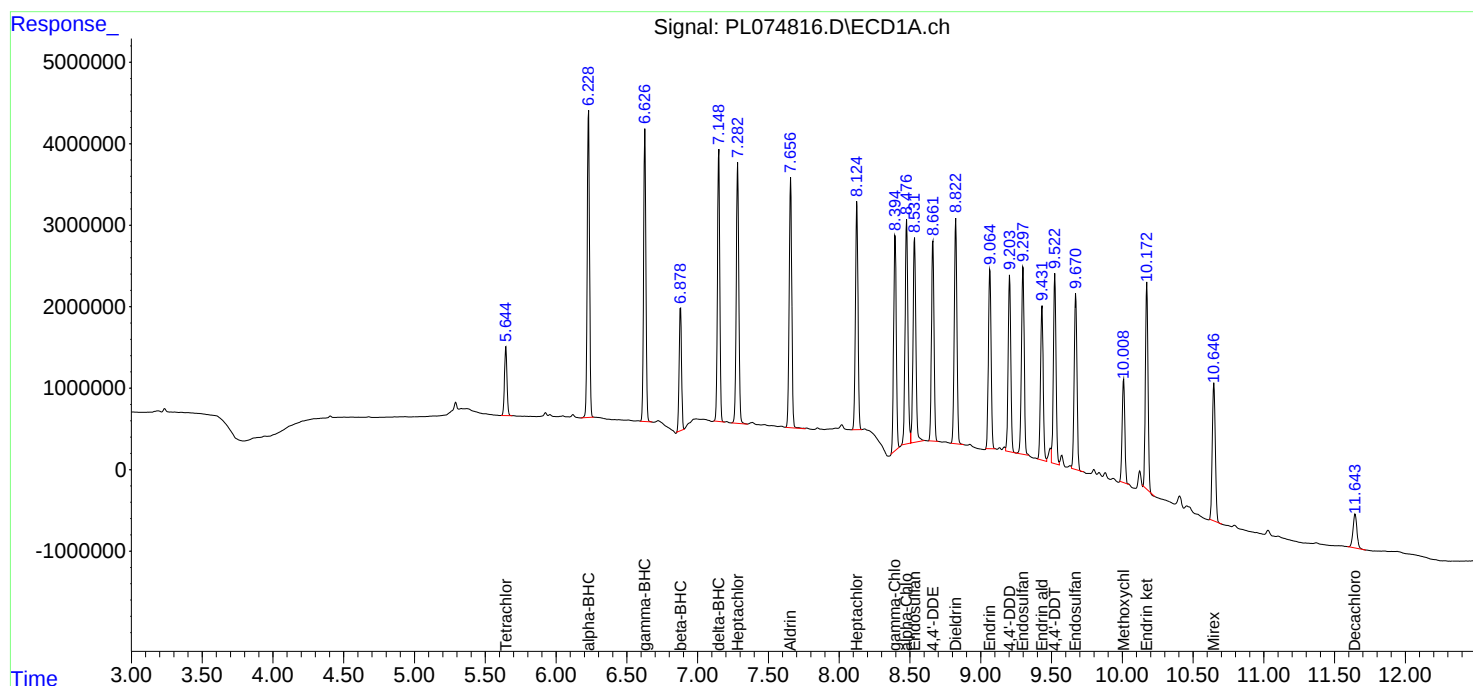
Instrument :
 ECD_L
 ClientSampleId :
 P018-SS001-0006-01MS

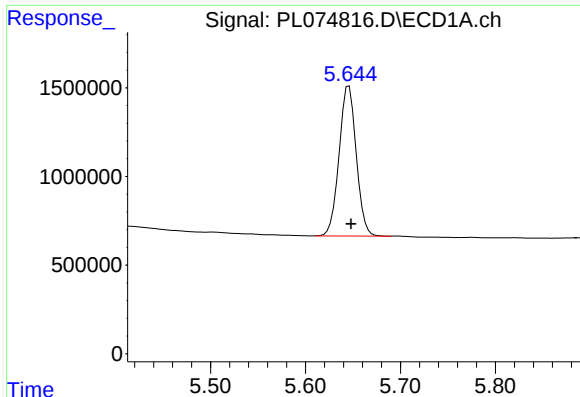
Manual Integrations APPROVED

Reviewed By : Abdul Mirza 05/19/2022
 Supervised By : mohammad ahmed 05/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 19 03:20:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Sat May 14 02:37:15 2022
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 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





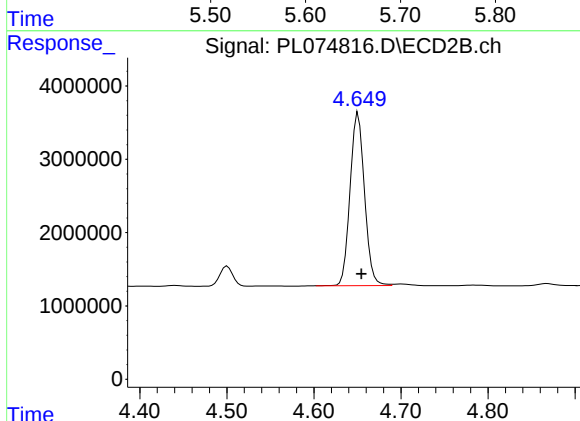
#1 Tetrachloro-m-xylene

R.T.: 5.646 min
Delta R.T.: -0.002 min
Response: 10655117
Conc: 20.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
P018-SS001-0006-01MS

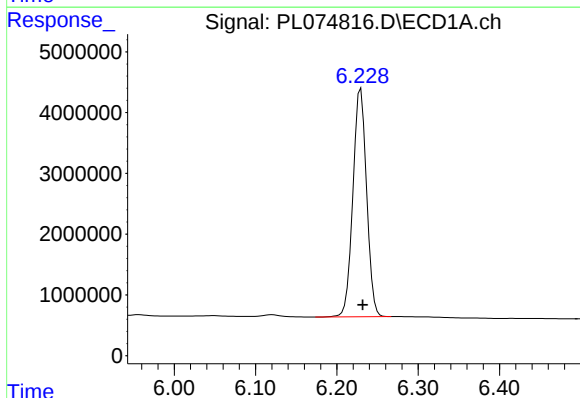
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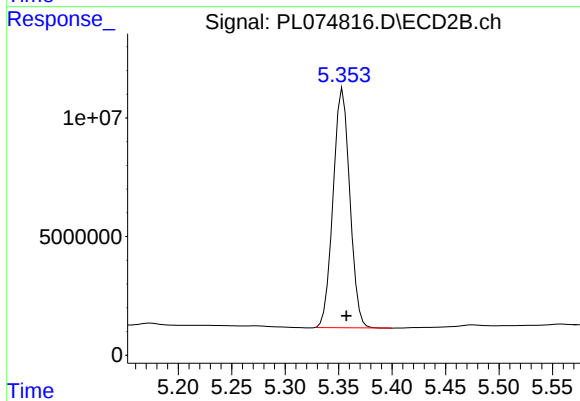
#1 Tetrachloro-m-xylene

R.T.: 4.651 min
Delta R.T.: -0.004 min
Response: 27177729
Conc: 19.80 ng/ml



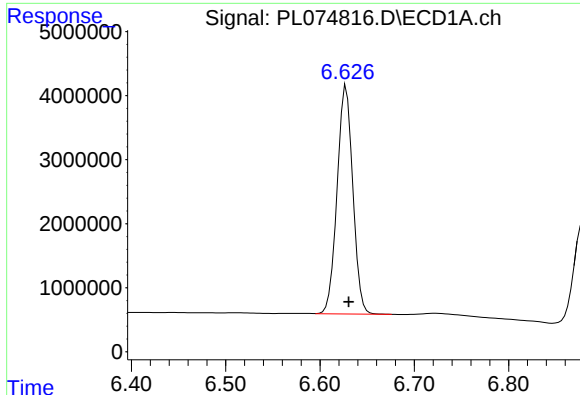
#2 alpha-BHC

R.T.: 6.229 min
Delta R.T.: -0.002 min
Response: 43782209
Conc: 64.00 ng/ml



#2 alpha-BHC

R.T.: 5.354 min
Delta R.T.: -0.003 min
Response: 109631196
Conc: 65.14 ng/ml



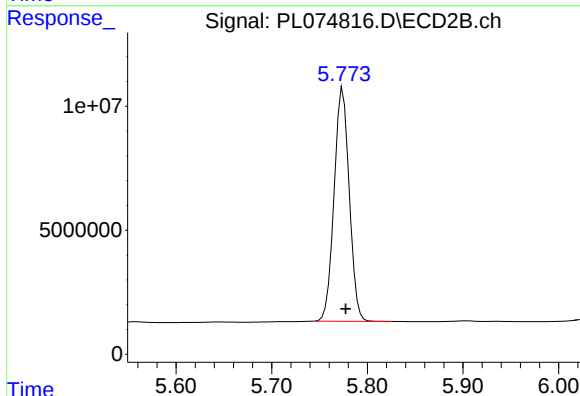
#3 gamma-BHC (Lindane)

R.T.: 6.628 min
Delta R.T.: -0.003 min
Response: 41266728
Conc: 63.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
P018-SS001-0006-01MS

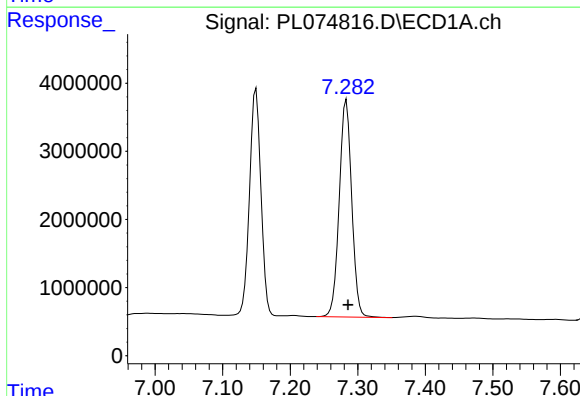
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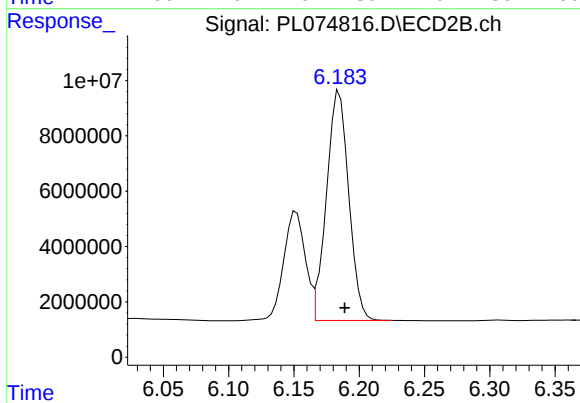
#3 gamma-BHC (Lindane)

R.T.: 5.774 min
Delta R.T.: -0.003 min
Response: 103293188
Conc: 62.51 ng/ml



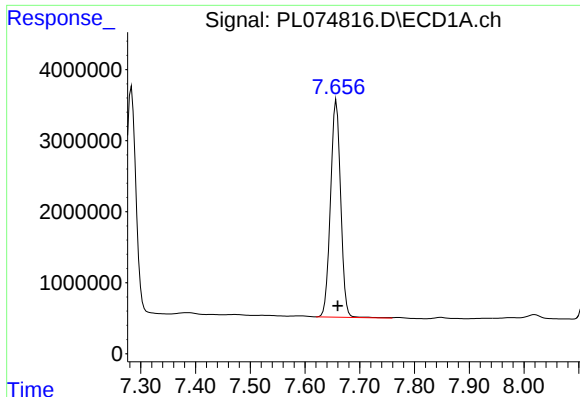
#4 Heptachlor

R.T.: 7.283 min
Delta R.T.: -0.003 min
Response: 41036921
Conc: 63.59 ng/ml



#4 Heptachlor

R.T.: 6.185 min
Delta R.T.: -0.004 min
Response: 98492673
Conc: 64.89 ng/ml



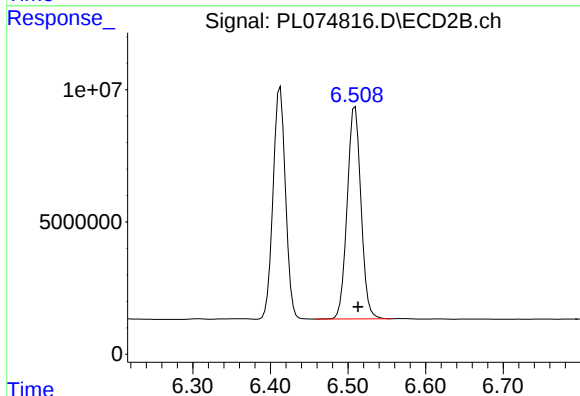
#5 Aldrin

R.T.: 7.657 min
Delta R.T.: -0.003 min
Response: 39413882
Conc: 63.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
P018-SS001-0006-01MS

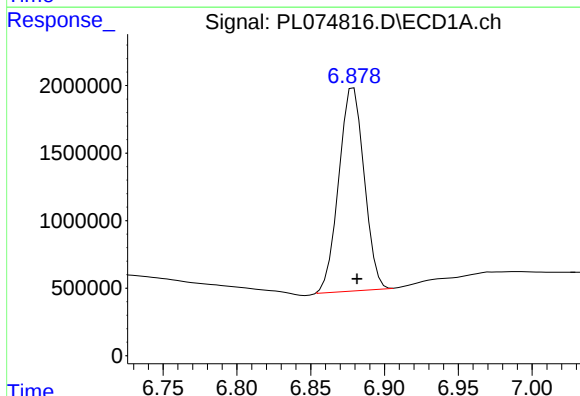
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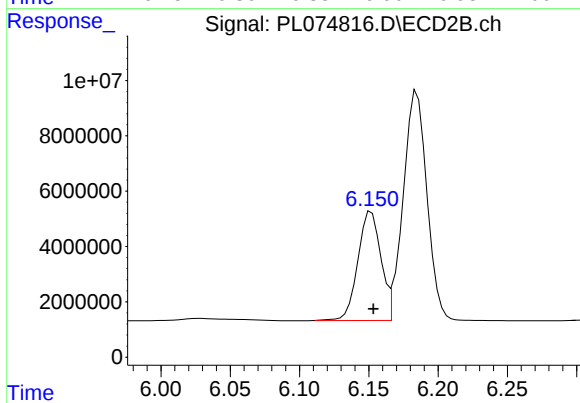
#5 Aldrin

R.T.: 6.509 min
Delta R.T.: -0.004 min
Response: 99146775
Conc: 66.08 ng/ml



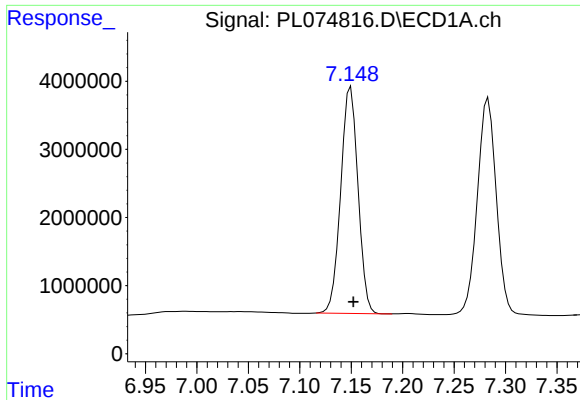
#6 beta-BHC

R.T.: 6.879 min
Delta R.T.: -0.002 min
Response: 18055513
Conc: 60.50 ng/ml



#6 beta-BHC

R.T.: 6.152 min
Delta R.T.: -0.002 min
Response: 45424692
Conc: 57.21 ng/ml



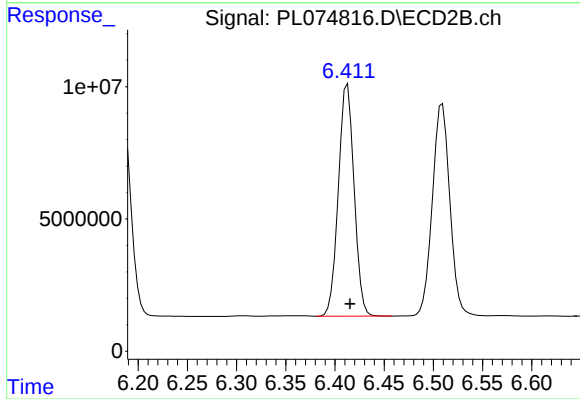
#7 delta-BHC

R.T.: 7.150 min
Delta R.T.: -0.003 min
Response: 38959683
Conc: 62.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
P018-SS001-0006-01MS

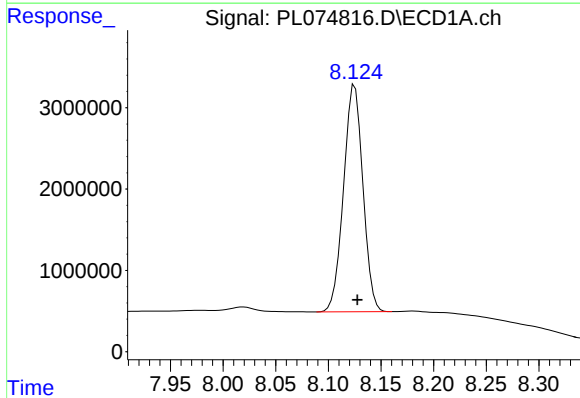
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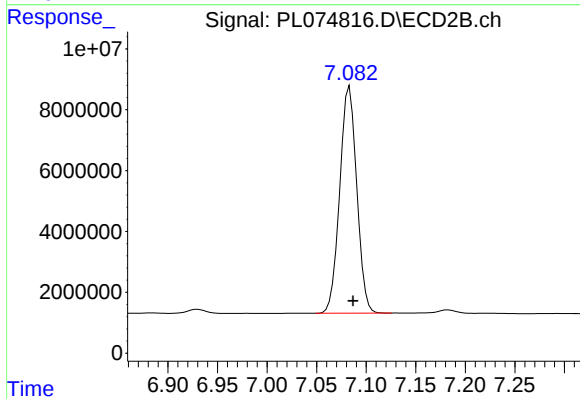
#7 delta-BHC

R.T.: 6.413 min
Delta R.T.: -0.003 min
Response: 97571035
Conc: 62.40 ng/ml



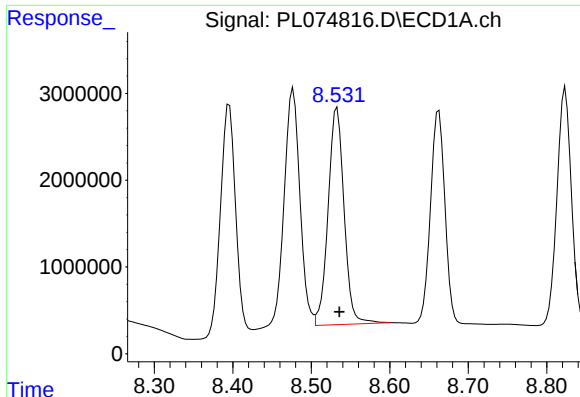
#8 Heptachlor epoxide

R.T.: 8.125 min
Delta R.T.: -0.002 min
Response: 35882620
Conc: 63.09 ng/ml



#8 Heptachlor epoxide

R.T.: 7.083 min
Delta R.T.: -0.004 min
Response: 89017817
Conc: 63.96 ng/ml



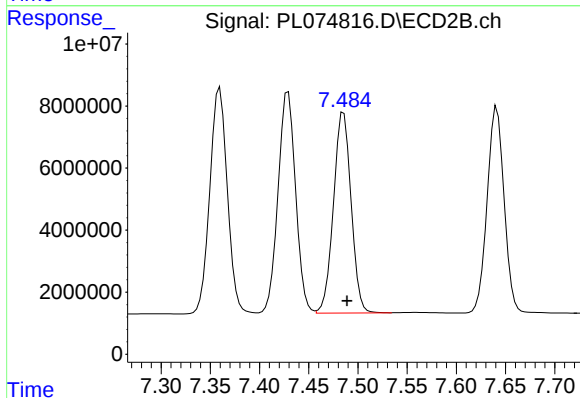
#9 Endosulfan I

R.T.: 8.533 min
Delta R.T.: -0.003 min
Response: 35411526
Conc: 61.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
P018-SS001-0006-01MS

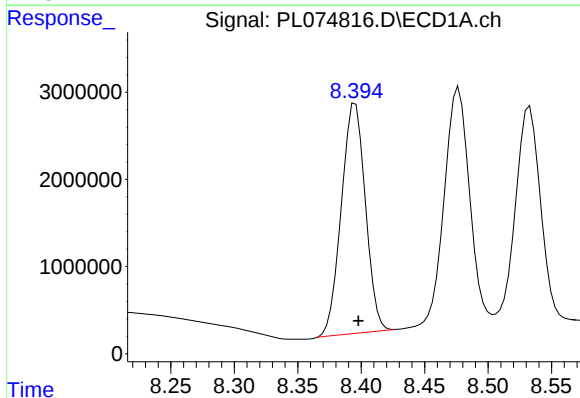
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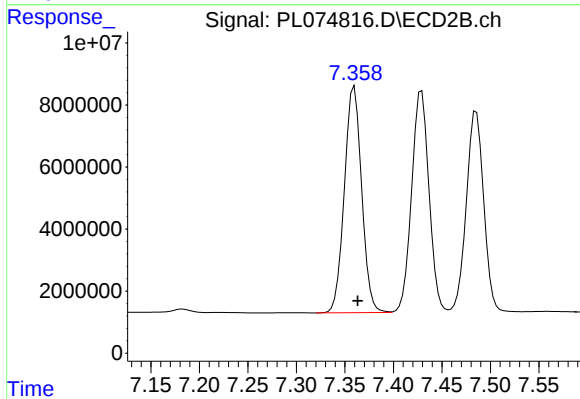
#9 Endosulfan I

R.T.: 7.485 min
Delta R.T.: -0.004 min
Response: 80721550
Conc: 64.52 ng/ml



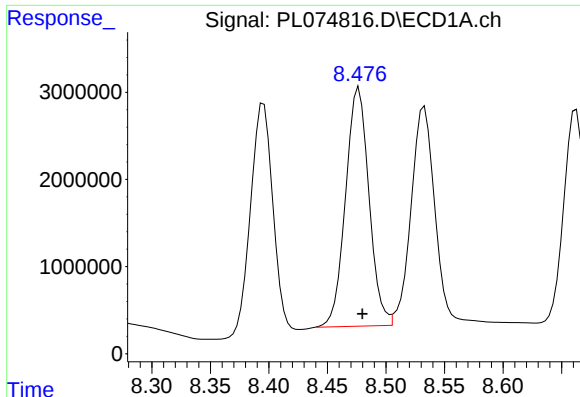
#10 gamma-Chlordane

R.T.: 8.394 min
Delta R.T.: -0.004 min
Response: 34834219
Conc: 67.34 ng/ml m



#10 gamma-Chlordane

R.T.: 7.360 min
Delta R.T.: -0.004 min
Response: 90405386
Conc: 65.24 ng/ml



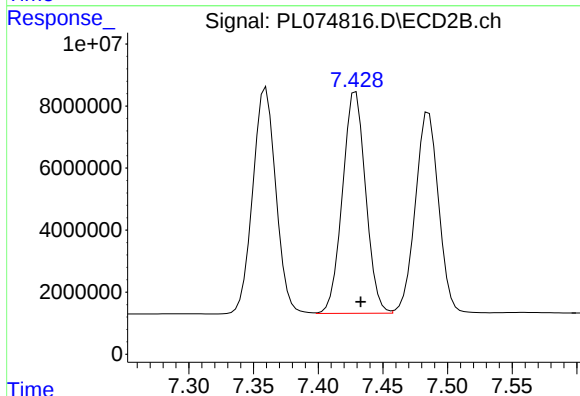
#11 alpha-Chlordane

R.T.: 8.477 min
Delta R.T.: -0.003 min
Response: 38173069
Conc: 62.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
P018-SS001-0006-01MS

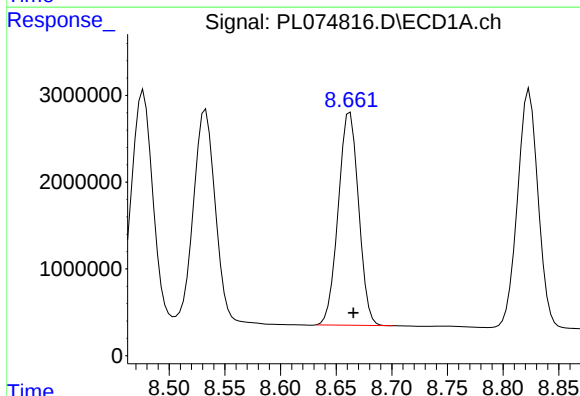
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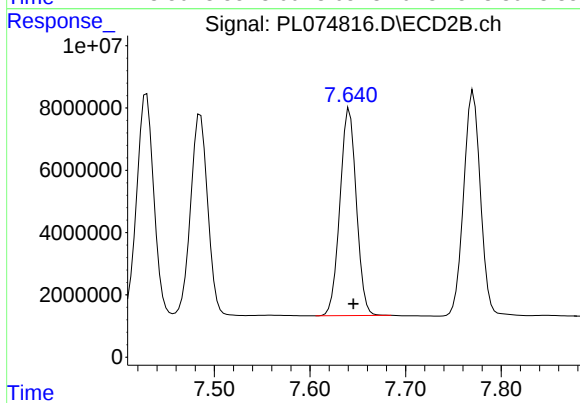
#11 alpha-Chlordane

R.T.: 7.429 min
Delta R.T.: -0.004 min
Response: 88855649
Conc: 65.73 ng/ml



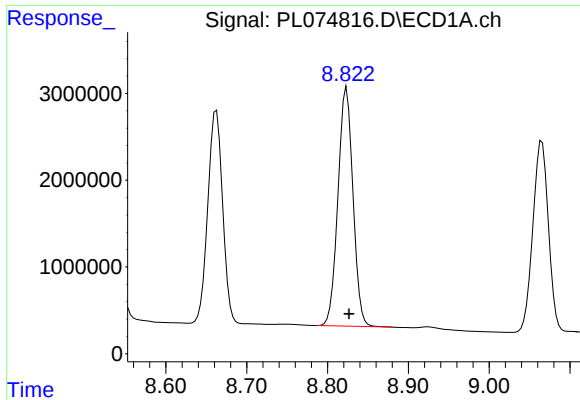
#12 4,4'-DDE

R.T.: 8.662 min
Delta R.T.: -0.003 min
Response: 31209440
Conc: 67.42 ng/ml



#12 4,4'-DDE

R.T.: 7.641 min
Delta R.T.: -0.004 min
Response: 79546791
Conc: 67.60 ng/ml



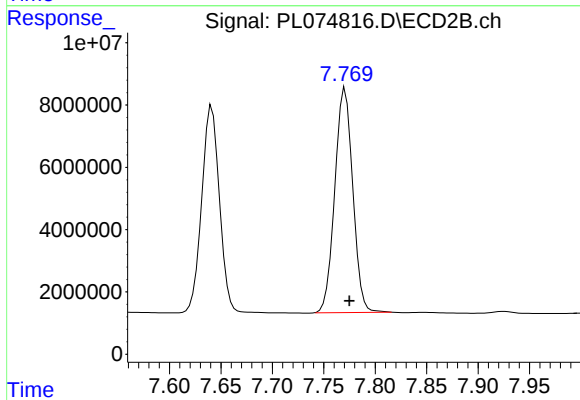
#13 Dieldrin

R.T.: 8.824 min
Delta R.T.: -0.003 min
Response: 35406087
Conc: 67.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
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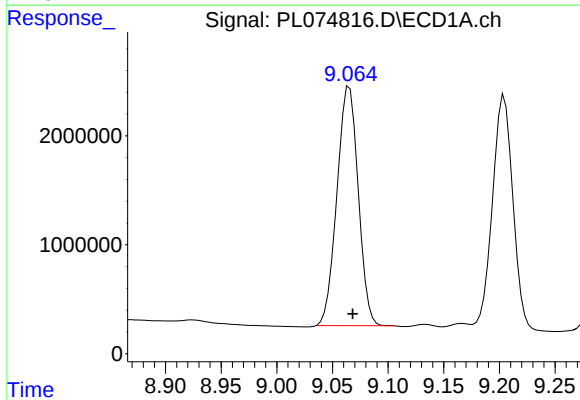
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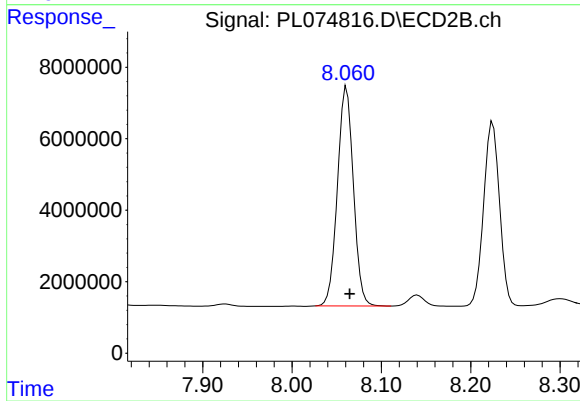
#13 Dieldrin

R.T.: 7.771 min
Delta R.T.: -0.004 min
Response: 87633181
Conc: 68.79 ng/ml



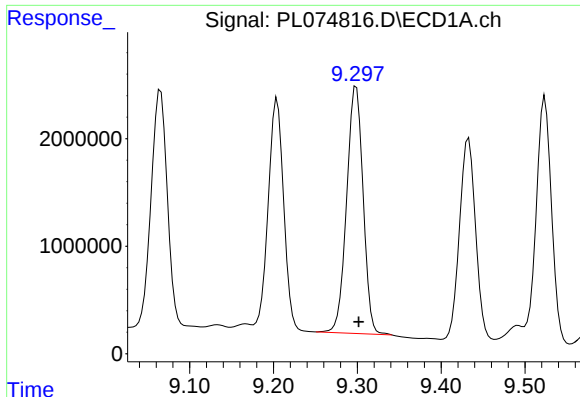
#14 Endrin

R.T.: 9.065 min
Delta R.T.: -0.003 min
Response: 29245449
Conc: 70.87 ng/ml



#14 Endrin

R.T.: 8.061 min
Delta R.T.: -0.004 min
Response: 76113589
Conc: 72.06 ng/ml



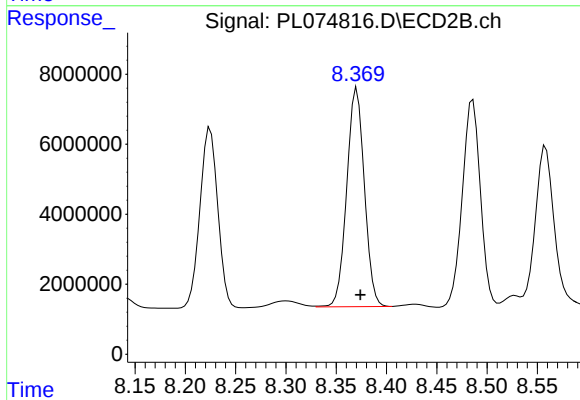
#15 Endosulfan II

R.T.: 9.299 min
Delta R.T.: -0.003 min
Response: 31407523
Conc: 71.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
P018-SS001-0006-01MS

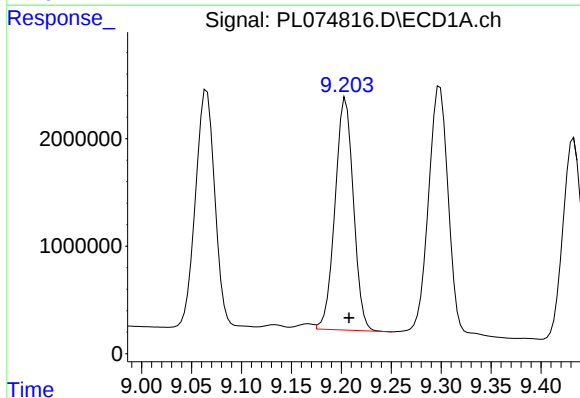
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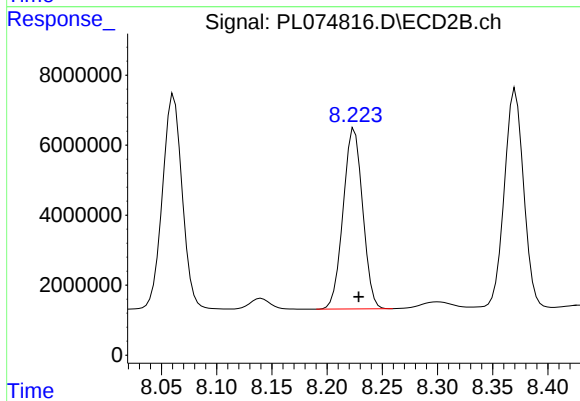
#15 Endosulfan II

R.T.: 8.371 min
Delta R.T.: -0.003 min
Response: 76061496
Conc: 67.33 ng/ml



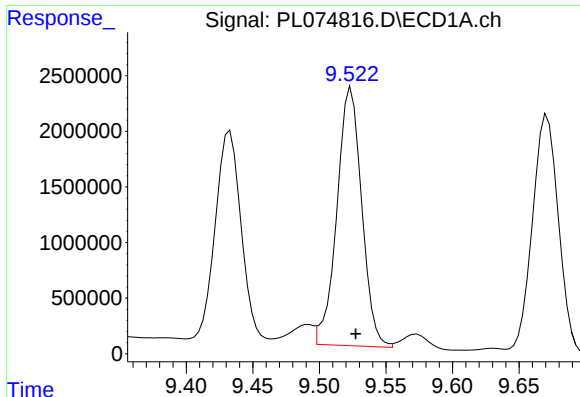
#16 4,4'-DDD

R.T.: 9.204 min
Delta R.T.: -0.003 min
Response: 27613845
Conc: 61.08 ng/ml



#16 4,4'-DDD

R.T.: 8.225 min
Delta R.T.: -0.004 min
Response: 63510732
Conc: 64.47 ng/ml



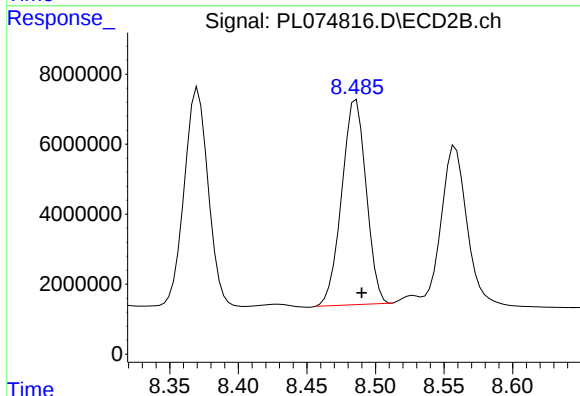
#17 4,4'-DDT

R.T.: 9.524 min
Delta R.T.: -0.004 min
Response: 30195193
Conc: 65.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
P018-SS001-0006-01MS

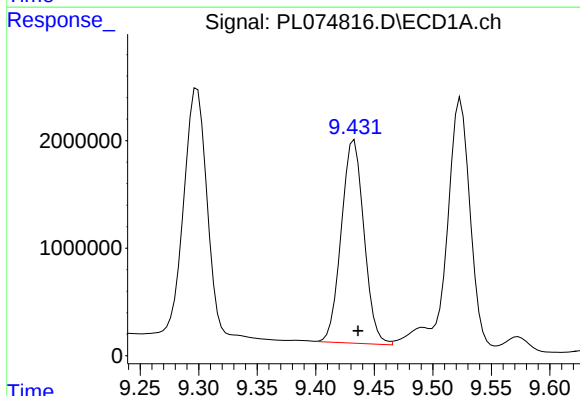
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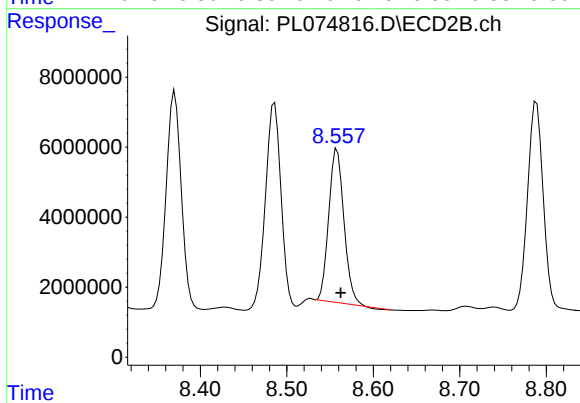
#17 4,4'-DDT

R.T.: 8.486 min
Delta R.T.: -0.004 min
Response: 72538224
Conc: 72.50 ng/ml



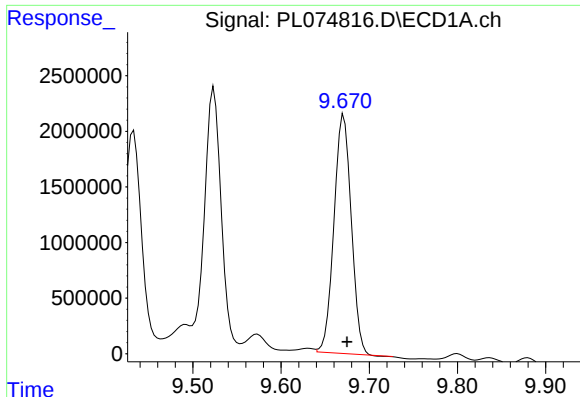
#18 Endrin aldehyde

R.T.: 9.433 min
Delta R.T.: -0.003 min
Response: 25482491
Conc: 72.00 ng/ml



#18 Endrin aldehyde

R.T.: 8.558 min
Delta R.T.: -0.004 min
Response: 53174493
Conc: 66.58 ng/ml



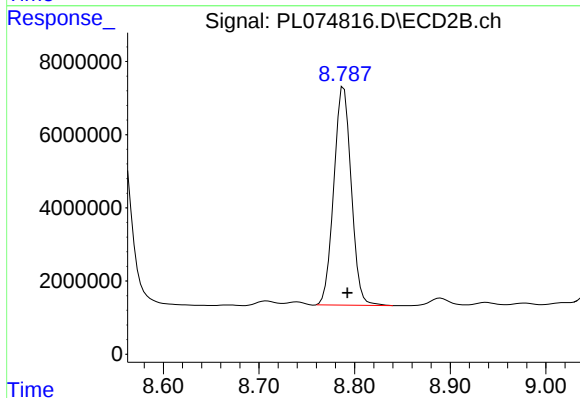
#19 Endosulfan Sulfate

R.T.: 9.671 min
Delta R.T.: -0.004 min
Response: 29162491
Conc: 64.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
P018-SS001-0006-01MS

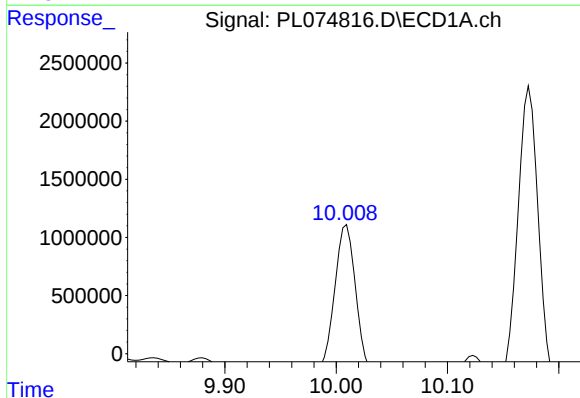
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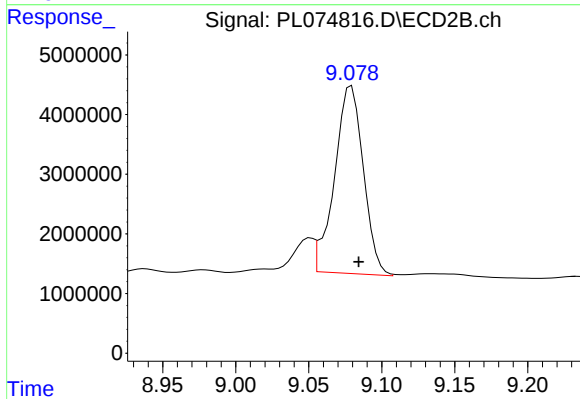
#19 Endosulfan Sulfate

R.T.: 8.789 min
Delta R.T.: -0.004 min
Response: 75343277
Conc: 69.21 ng/ml



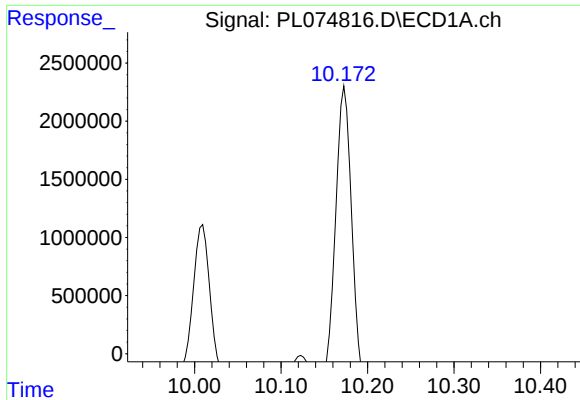
#20 Methoxychlor

R.T.: 10.009 min
Delta R.T.: -0.004 min
Response: 16567350
Conc: 67.65 ng/ml



#20 Methoxychlor

R.T.: 9.078 min
Delta R.T.: -0.006 min
Response: 42772941
Conc: 73.19 ng/ml m



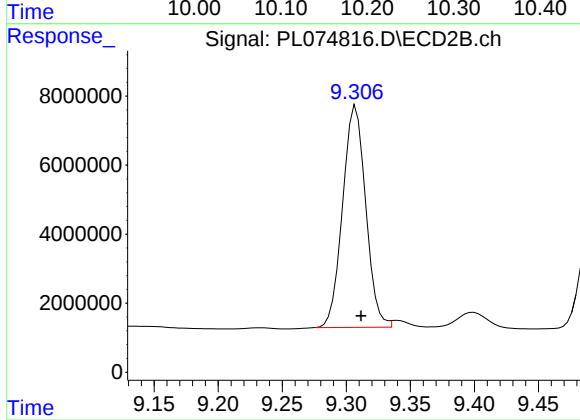
#21 Endrin ketone

R.T.: 10.174 min
Delta R.T.: -0.003 min
Response: 32155448
Conc: 62.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
P018-SS001-0006-01MS

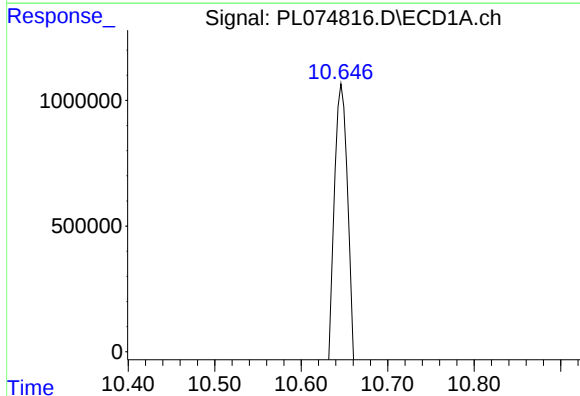
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/19/2022
Supervised By :mohammad ahmed 05/19/2022



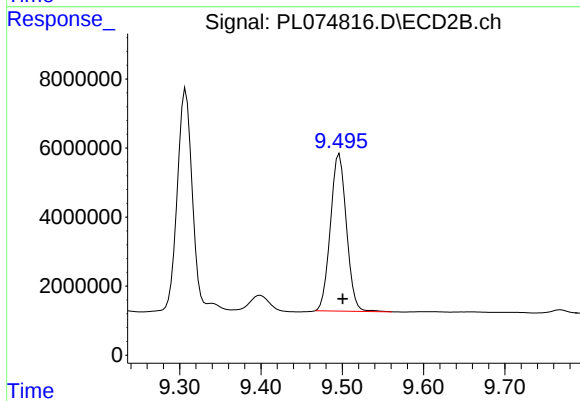
#21 Endrin ketone

R.T.: 9.307 min
Delta R.T.: -0.004 min
Response: 80529800
Conc: 72.23 ng/ml



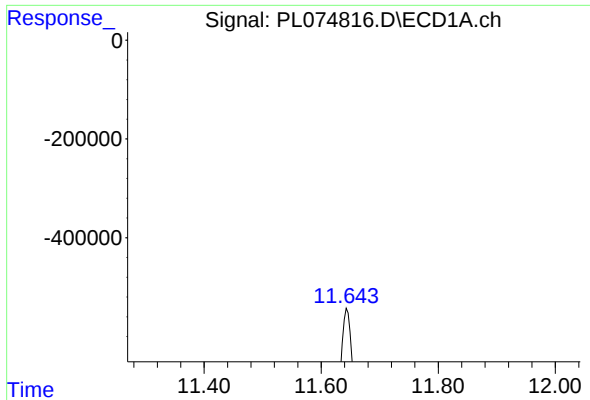
#22 Mirex

R.T.: 10.647 min
Delta R.T.: -0.004 min
Response: 25010143
Conc: 61.98 ng/ml



#22 Mirex

R.T.: 9.497 min
Delta R.T.: -0.004 min
Response: 62354600
Conc: 64.38 ng/ml



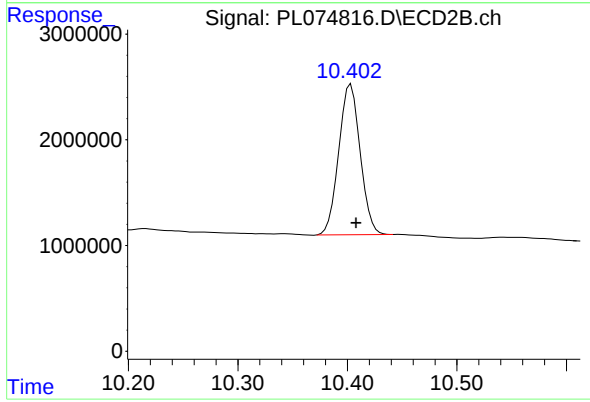
#28 Decachlorobiphenyl

R.T.: 11.645 min
Delta R.T.: -0.006 min
Response: 7979404
Conc: 17.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
P018-SS001-0006-01MS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 10.403 min
Delta R.T.: -0.005 min
Response: 19363323
Conc: 18.87 ng/ml