

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030524\
 Data File : PL088408.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Mar 2024 12:54
 Operator : AR\AJ
 Sample : PB159436BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB159436BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/06/2024
 Supervised By :Ankita Jodhani 03/06/2024

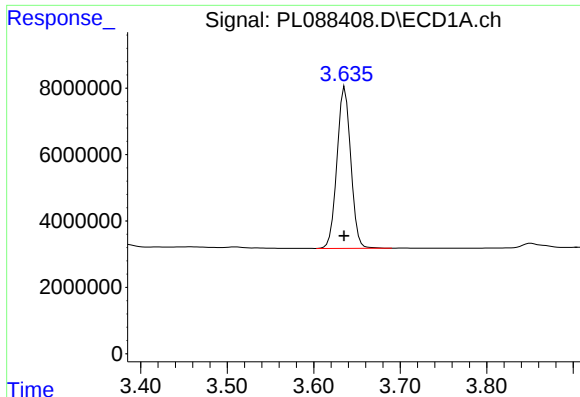
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 06 00:20:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 16 21:46:54 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.636	2.854	53592188	26494175	19.511	18.890
28)	SA Decachlor...	9.304	8.083	46217608	28186042	23.998	22.136
Target Compounds							
2)	A alpha-BHC	4.101	3.368	192.5E6	95003300	46.122	46.234
3)	MA gamma-BHC...	4.439	3.705	183.6E6	90641090	45.327	45.263
4)	MA Heptachlor	5.039	4.053	187.0E6	91477818	48.598	50.214
5)	MB Aldrin	5.386	4.337	172.8E6	85718707	45.251	44.197m
6)	B beta-BHC	4.636	4.006	83438558	40504210	47.908	45.506
7)	B delta-BHC	4.888	4.241	179.6E6	87374192	47.203	43.801
8)	B Heptachlo...	5.819	4.849	164.5E6	81433698	46.941	46.942
9)	A Endosulfan I	6.209	5.225	147.7E6	75947622	47.182	47.200
10)	B gamma-Chl...	6.077	5.104	164.0E6	85253438	48.251	47.793
11)	B alpha-Chl...	6.158	5.169	162.6E6	84575988	47.659	47.476
12)	B 4,4'-DDE	6.333	5.361	144.7E6	76653165	47.701	48.227
13)	MA Dieldrin	6.488	5.494	157.1E6	82701916	47.778	47.933
14)	MA Endrin	6.721	5.773	132.7E6	75277093	51.044	50.348
15)	B Endosulfa...	6.942	6.071	136.8E6	73381645	47.760	48.169
16)	A 4,4'-DDD	6.856	5.924	123.5E6	64498578	47.628	47.209
17)	MA 4,4'-DDT	7.173	6.178	132.0E6	70964025	50.210	51.979
18)	B Endrin al...	7.073	6.253	104.2E6	56005352	50.383	51.279
19)	B Endosulfa...	7.310	6.479	130.5E6	70602552	50.110	50.271
20)	A Methoxychlor	7.655	6.762	70546733	39931924	53.295	50.949
21)	B Endrin ke...	7.801	6.992	139.8E6	82376120	49.925	49.203
22)	Mirex	8.283	7.178	109.8E6	67476769	47.387	51.504

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



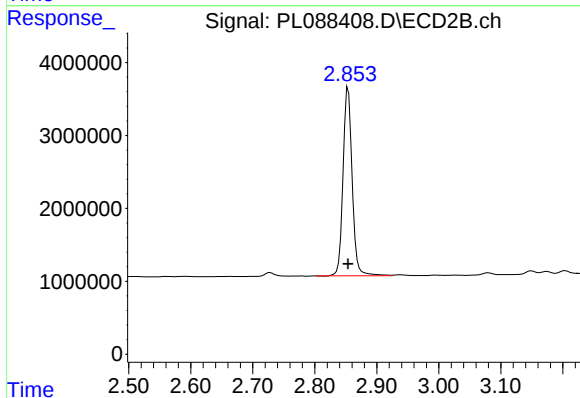
#1 Tetrachloro-m-xylene

R.T.: 3.636 min
Delta R.T.: 0.001 min
Response: 53592188
Conc: 19.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159436BS

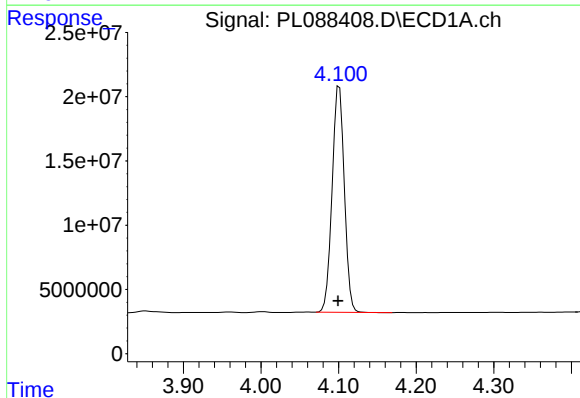
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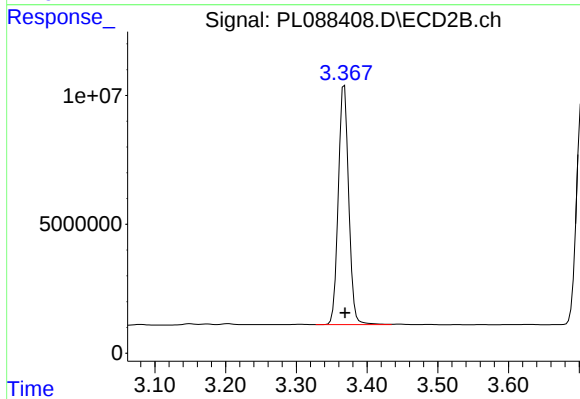
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: 0.000 min
Response: 26494175
Conc: 18.89 ng/ml



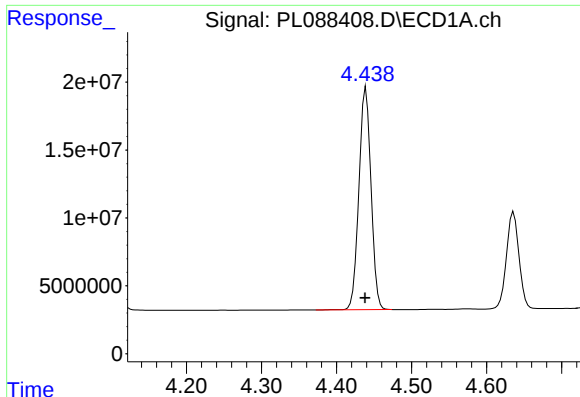
#2 alpha-BHC

R.T.: 4.101 min
Delta R.T.: 0.001 min
Response: 192522519
Conc: 46.12 ng/ml



#2 alpha-BHC

R.T.: 3.368 min
Delta R.T.: 0.000 min
Response: 95003300
Conc: 46.23 ng/ml



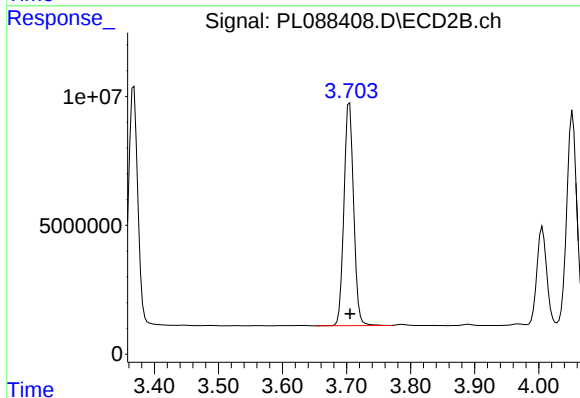
#3 gamma-BHC (Lindane)

R.T.: 4.439 min
Delta R.T.: 0.001 min
Response: 183551955
Conc: 45.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159436BS

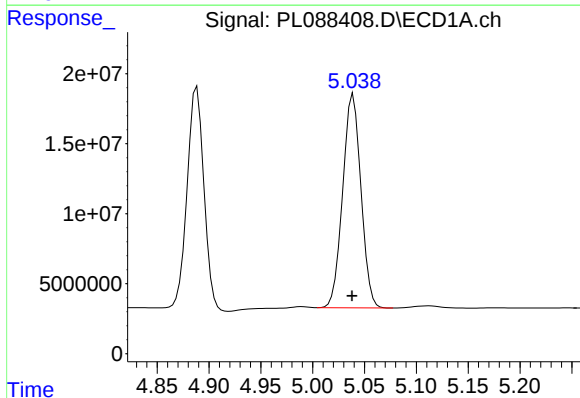
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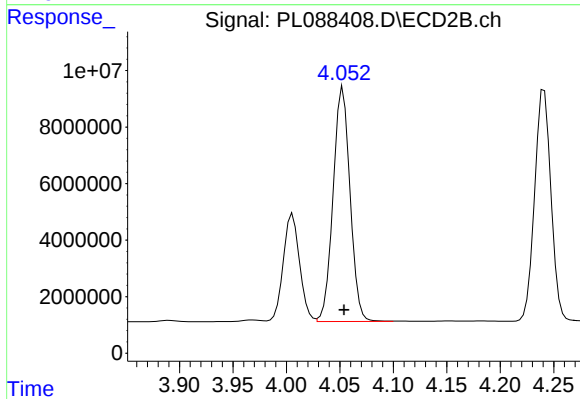
#3 gamma-BHC (Lindane)

R.T.: 3.705 min
Delta R.T.: -0.001 min
Response: 90641090
Conc: 45.26 ng/ml



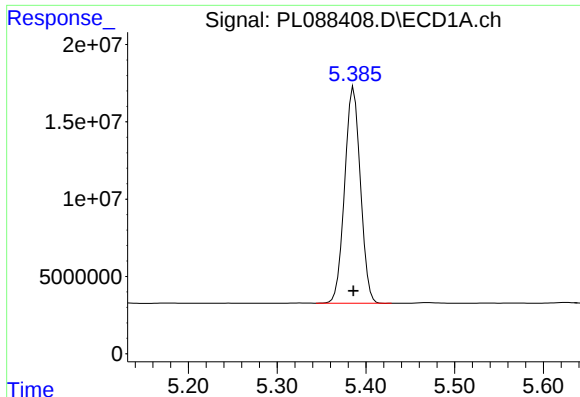
#4 Heptachlor

R.T.: 5.039 min
Delta R.T.: 0.001 min
Response: 187019397
Conc: 48.60 ng/ml



#4 Heptachlor

R.T.: 4.053 min
Delta R.T.: -0.001 min
Response: 91477818
Conc: 50.21 ng/ml



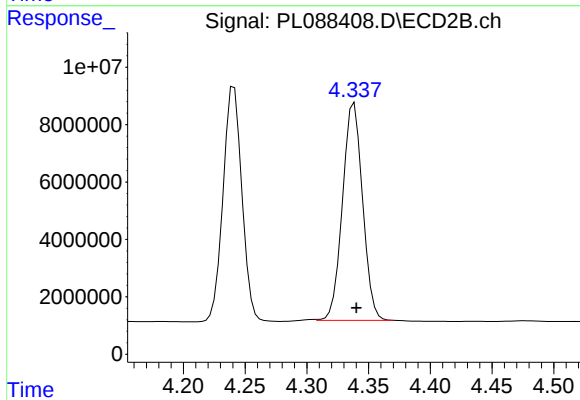
#5 Aldrin

R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 172784518
Conc: 45.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159436BS

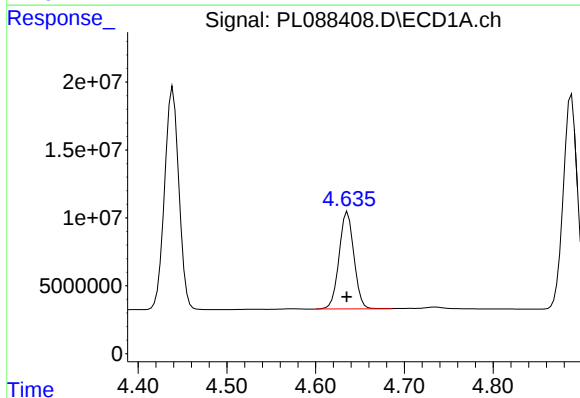
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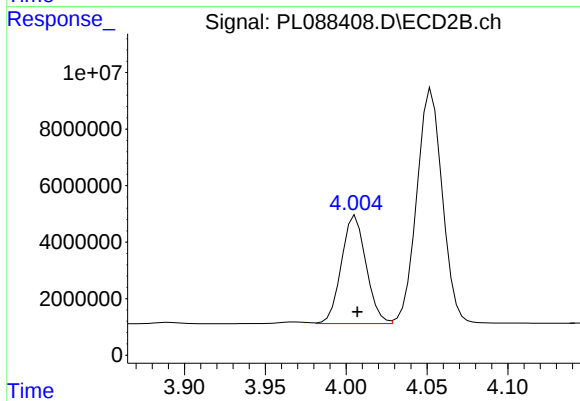
#5 Aldrin

R.T.: 4.337 min
Delta R.T.: -0.003 min
Response: 85718707
Conc: 44.20 ng/ml m



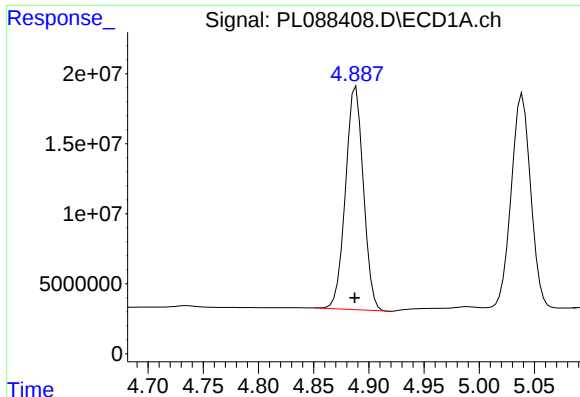
#6 beta-BHC

R.T.: 4.636 min
Delta R.T.: 0.000 min
Response: 83438558
Conc: 47.91 ng/ml



#6 beta-BHC

R.T.: 4.006 min
Delta R.T.: -0.001 min
Response: 40504210
Conc: 45.51 ng/ml



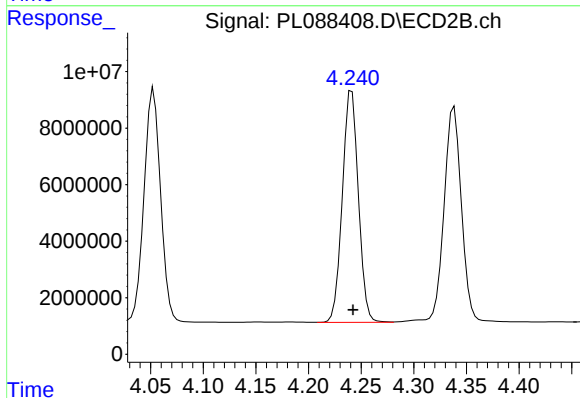
#7 delta-BHC

R.T.: 4.888 min
Delta R.T.: 0.001 min
Response: 179596017
Conc: 47.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159436BS

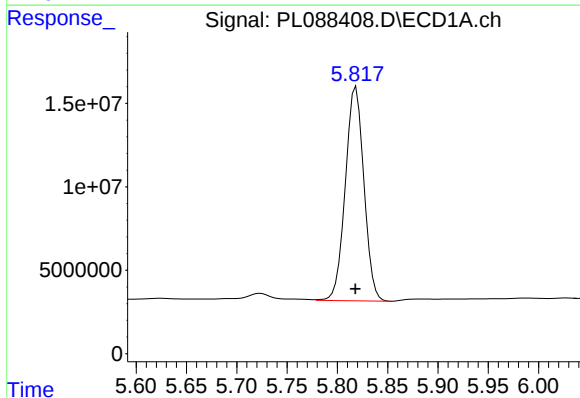
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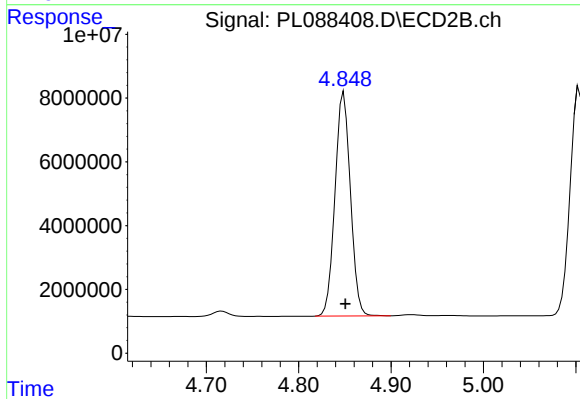
#7 delta-BHC

R.T.: 4.241 min
Delta R.T.: -0.001 min
Response: 87374192
Conc: 43.80 ng/ml



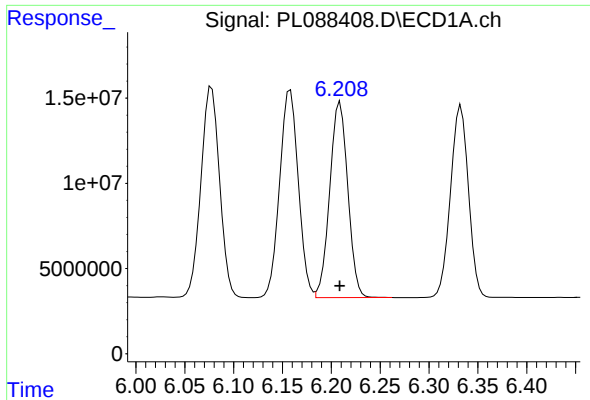
#8 Heptachlor epoxide

R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 164464759
Conc: 46.94 ng/ml



#8 Heptachlor epoxide

R.T.: 4.849 min
Delta R.T.: -0.002 min
Response: 81433698
Conc: 46.94 ng/ml



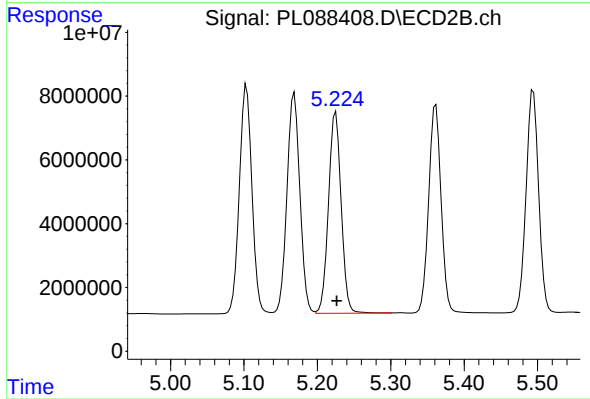
#9 Endosulfan I

R.T.: 6.209 min
Delta R.T.: 0.000 min
Response: 147672672
Conc: 47.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159436BS

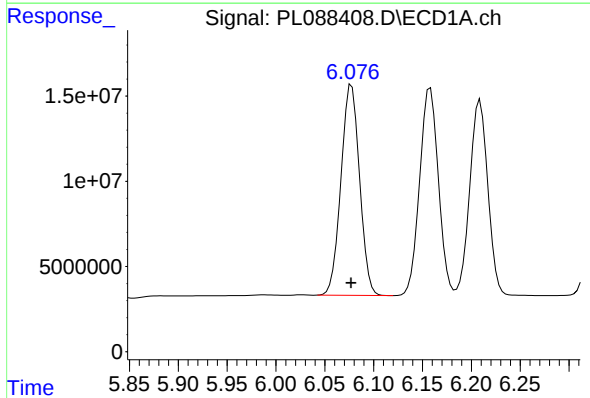
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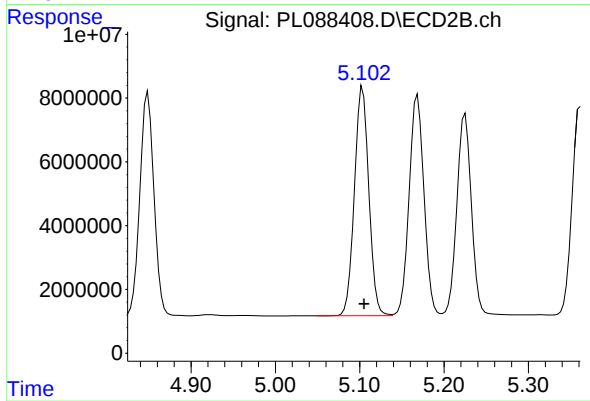
#9 Endosulfan I

R.T.: 5.225 min
Delta R.T.: -0.001 min
Response: 75947622
Conc: 47.20 ng/ml



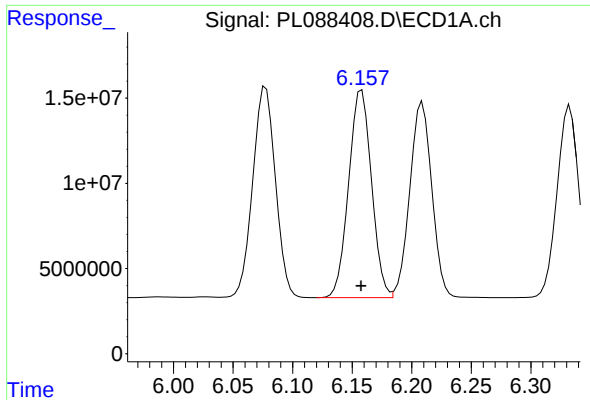
#10 gamma-Chlordane

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 163973286
Conc: 48.25 ng/ml



#10 gamma-Chlordane

R.T.: 5.104 min
Delta R.T.: -0.001 min
Response: 85253438
Conc: 47.79 ng/ml



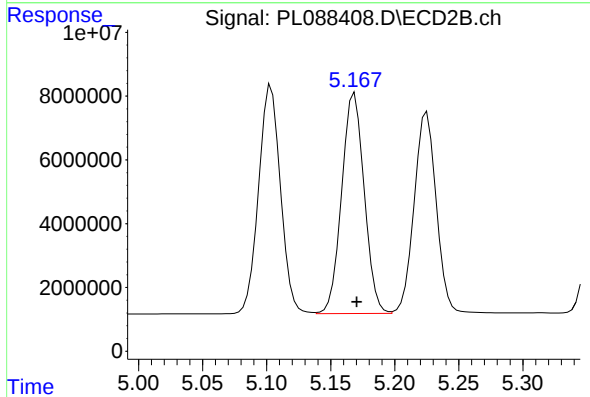
#11 alpha-Chlordane

R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 162647770
Conc: 47.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159436BS

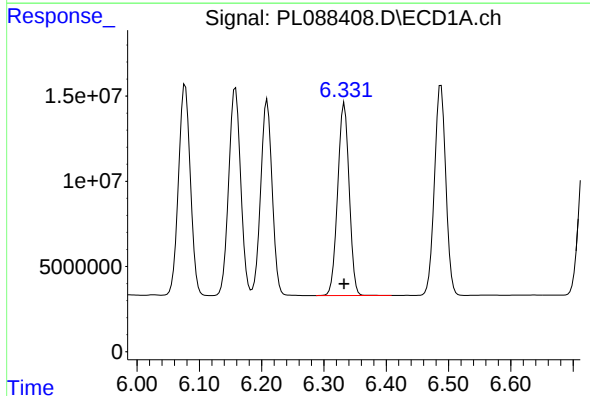
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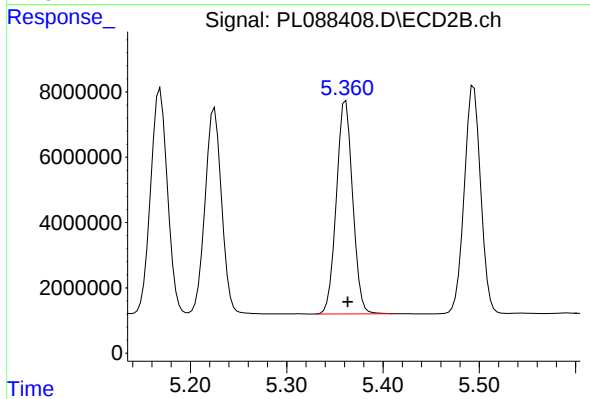
#11 alpha-Chlordane

R.T.: 5.169 min
Delta R.T.: -0.002 min
Response: 84575988
Conc: 47.48 ng/ml



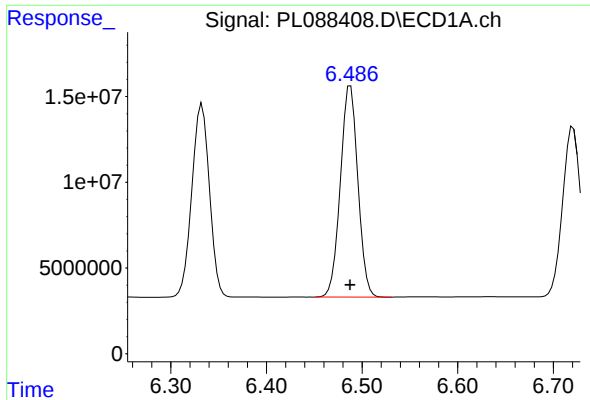
#12 4,4'-DDE

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 144669892
Conc: 47.70 ng/ml



#12 4,4'-DDE

R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 76653165
Conc: 48.23 ng/ml



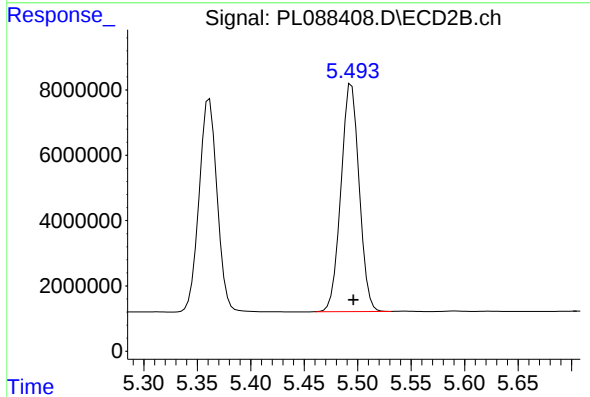
#13 Dieldrin

R.T.: 6.488 min
Delta R.T.: 0.000 min
Response: 157101967
Conc: 47.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159436BS

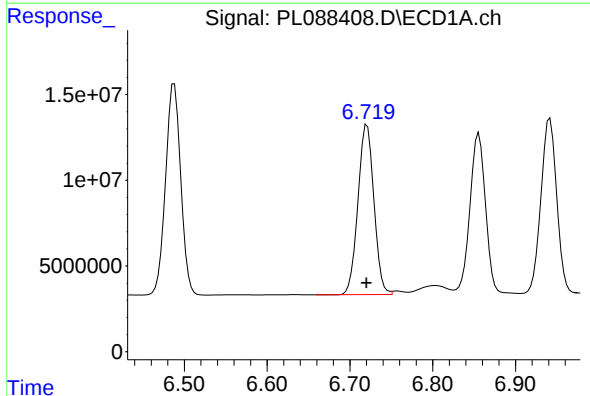
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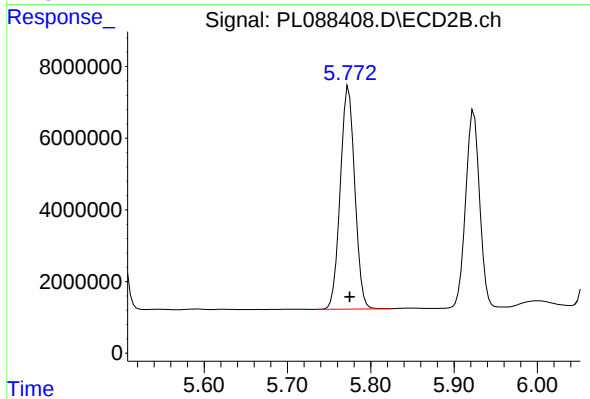
#13 Dieldrin

R.T.: 5.494 min
Delta R.T.: -0.002 min
Response: 82701916
Conc: 47.93 ng/ml



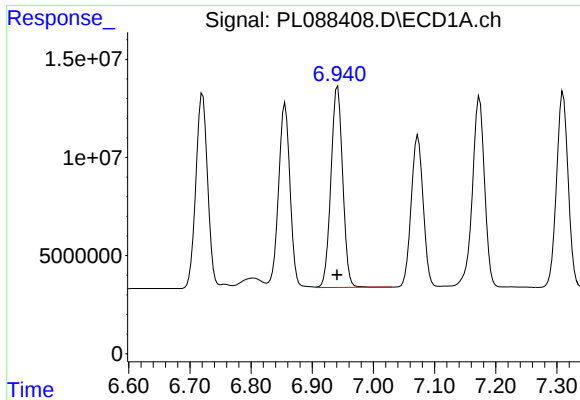
#14 Endrin

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 132747087
Conc: 51.04 ng/ml



#14 Endrin

R.T.: 5.773 min
Delta R.T.: -0.001 min
Response: 75277093
Conc: 50.35 ng/ml



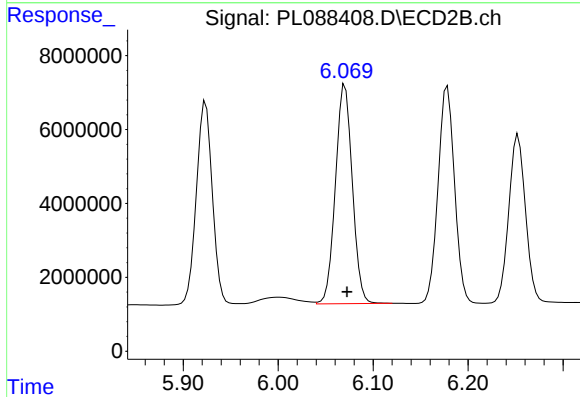
#15 Endosulfan II

R.T.: 6.942 min
Delta R.T.: 0.001 min
Response: 136780510
Conc: 47.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159436BS

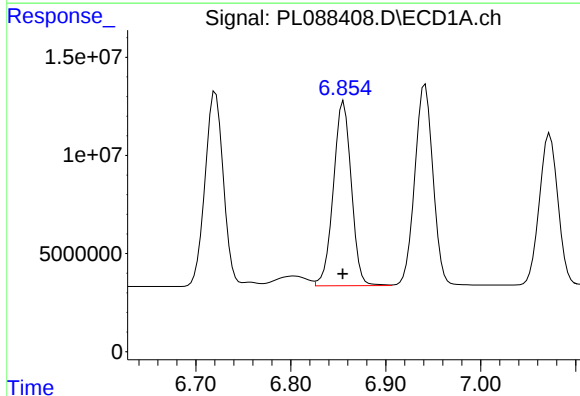
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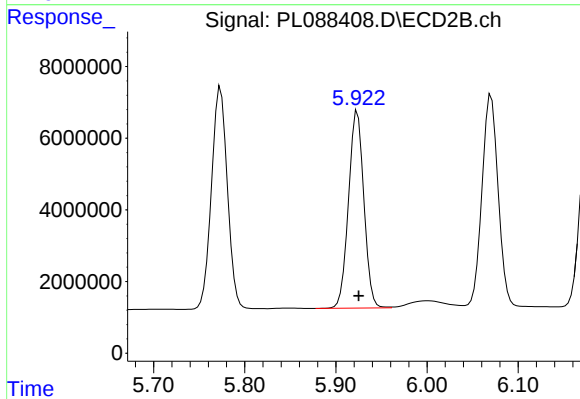
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: -0.002 min
Response: 73381645
Conc: 48.17 ng/ml



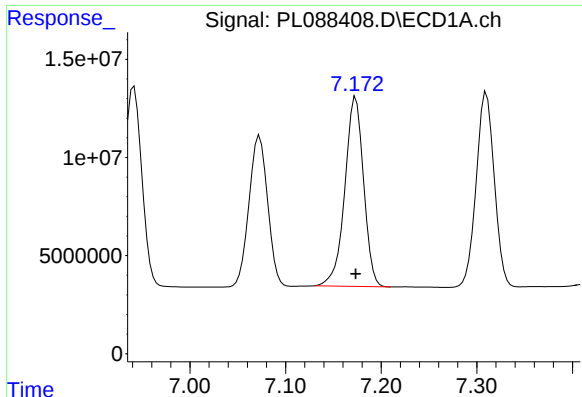
#16 4,4'-DDD

R.T.: 6.856 min
Delta R.T.: 0.000 min
Response: 123532317
Conc: 47.63 ng/ml



#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: -0.001 min
Response: 64498578
Conc: 47.21 ng/ml



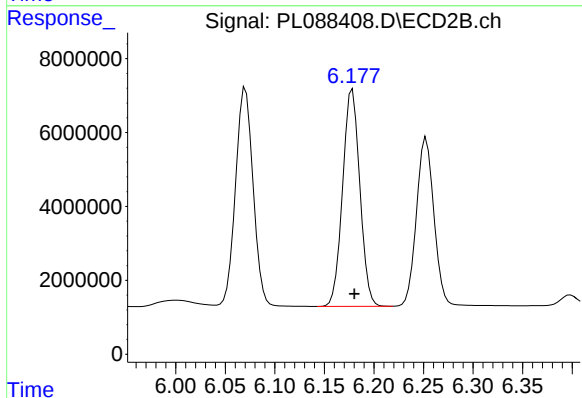
#17 4,4'-DDT

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 132013255
Conc: 50.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159436BS

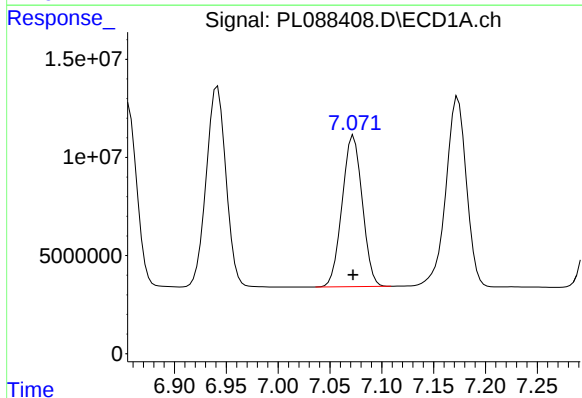
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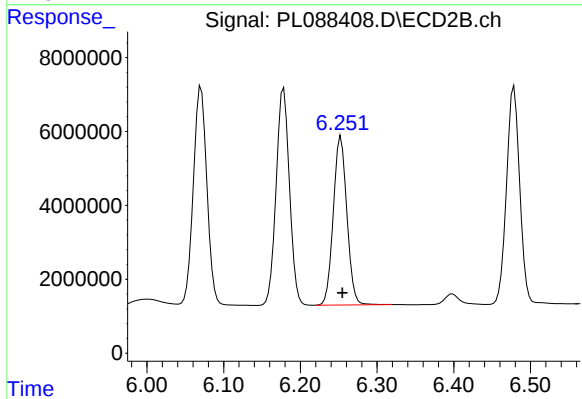
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: -0.002 min
Response: 70964025
Conc: 51.98 ng/ml



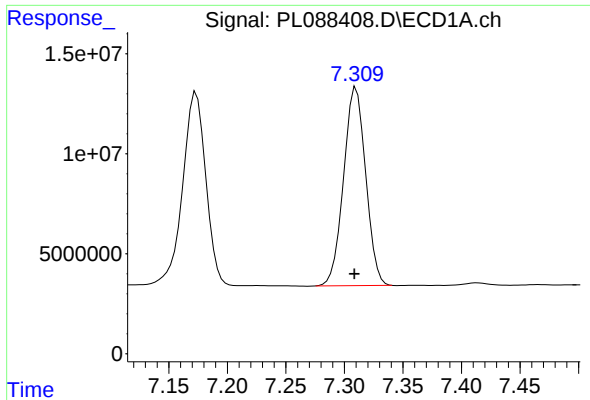
#18 Endrin aldehyde

R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 104175190
Conc: 50.38 ng/ml



#18 Endrin aldehyde

R.T.: 6.253 min
Delta R.T.: -0.002 min
Response: 56005352
Conc: 51.28 ng/ml



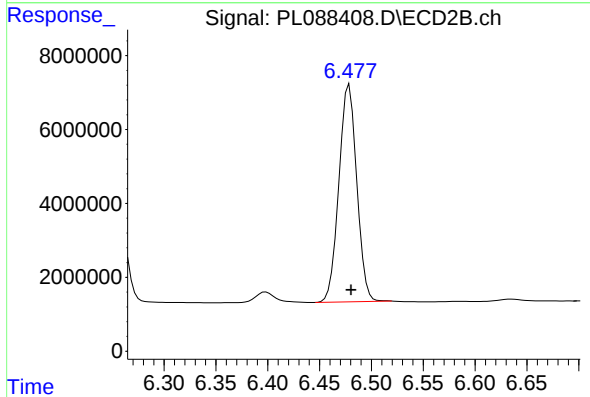
#19 Endosulfan Sulfate

R.T.: 7.310 min
Delta R.T.: 0.001 min
Response: 130544251
Conc: 50.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159436BS

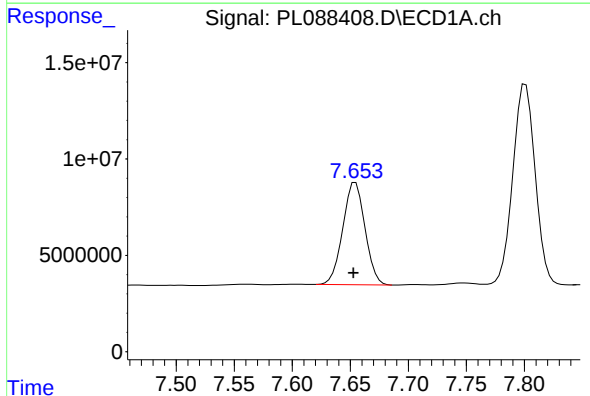
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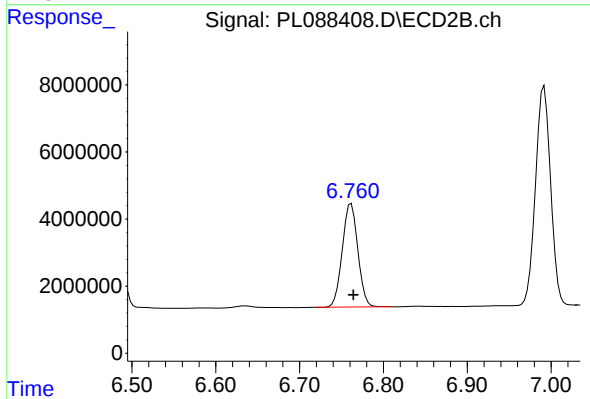
#19 Endosulfan Sulfate

R.T.: 6.479 min
Delta R.T.: -0.002 min
Response: 70602552
Conc: 50.27 ng/ml



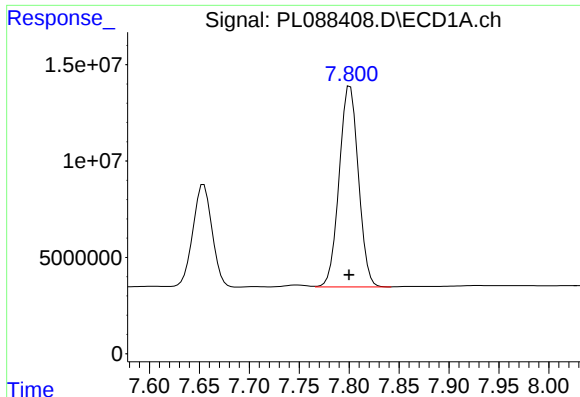
#20 Methoxychlor

R.T.: 7.655 min
Delta R.T.: 0.002 min
Response: 70546733
Conc: 53.29 ng/ml



#20 Methoxychlor

R.T.: 6.762 min
Delta R.T.: -0.003 min
Response: 39931924
Conc: 50.95 ng/ml



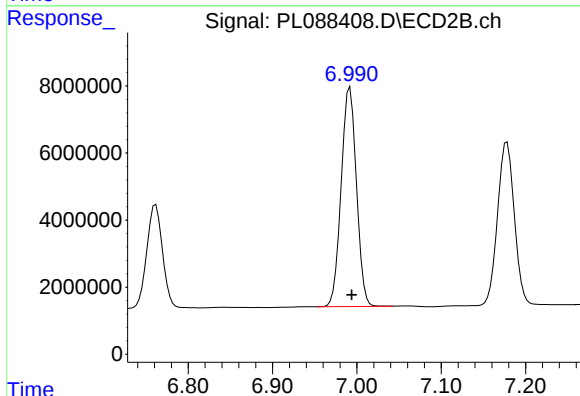
#21 Endrin ketone

R.T.: 7.801 min
Delta R.T.: 0.001 min
Response: 139849212
Conc: 49.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159436BS

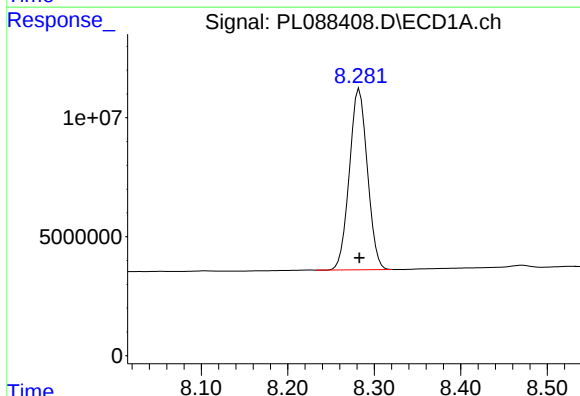
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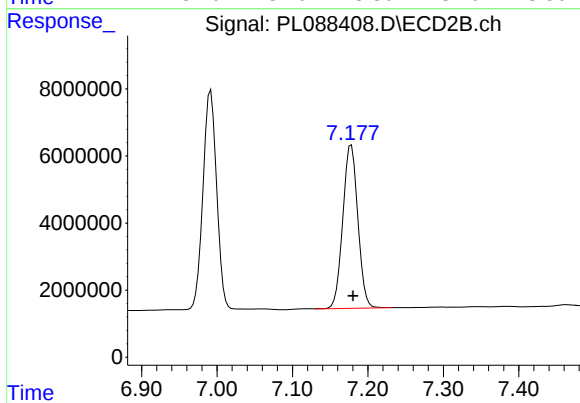
#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: -0.002 min
Response: 82376120
Conc: 49.20 ng/ml



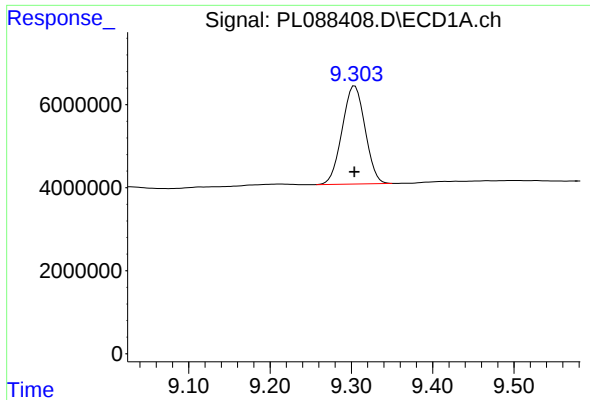
#22 Mirex

R.T.: 8.283 min
Delta R.T.: 0.000 min
Response: 109803248
Conc: 47.39 ng/ml



#22 Mirex

R.T.: 7.178 min
Delta R.T.: -0.002 min
Response: 67476769
Conc: 51.50 ng/ml



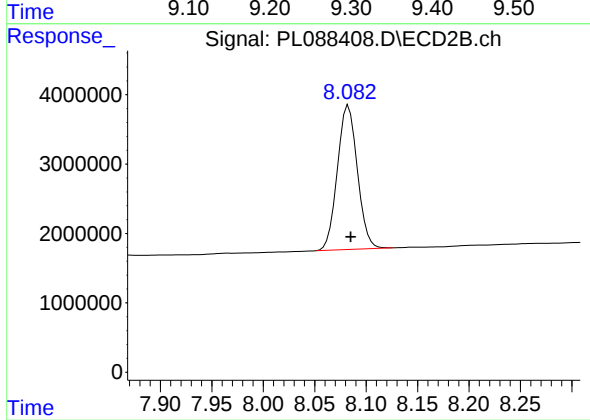
#28 Decachlorobiphenyl

R.T.: 9.304 min
Delta R.T.: 0.000 min
Response: 46217608
Conc: 24.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159436BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/06/2024
Supervised By :Ankita Jodhani 03/06/2024



#28 Decachlorobiphenyl

R.T.: 8.083 min
Delta R.T.: -0.002 min
Response: 28186042
Conc: 22.14 ng/ml