

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL053024\
 Data File : PL089819.D
 Signal(s) : ECD2B.ch
 Acq On : 30 May 24 01:13 pm
 Operator : AR\AJ
 Sample : PB161195BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB161195BL

Manual Integrations
 APPROVED

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

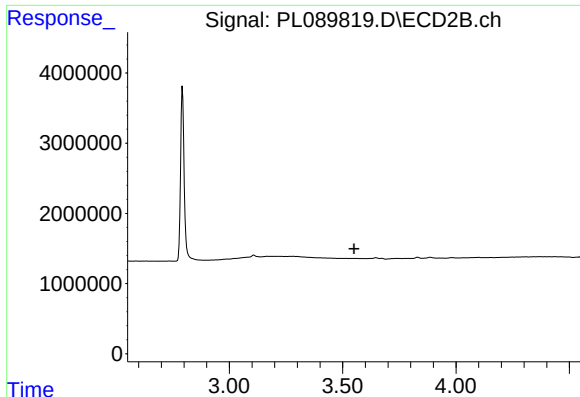
Integration File: autoint1.e
 Quant Time: May 31 11:08:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052424.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 14:57:01 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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...	0.000	2.793	0	27254824	N.D.	19.008 #
28)	SA Decachlor...	9.058	7.940	23575	22614999	0.016	15.219 #
Target Compounds							
2)	A alpha-BHC	3.982f	0.000	52384	0	0.018	N.D. #
3)	MA gamma-BHC...	4.344	3.647f	5828	272335	0.002	0.130 #
4)	MA Heptachlor	4.952f	3.982	7984	98084	0.003	0.049 #
5)	MB Aldrin	5.283	4.249	41701	29579	0.016	0.015
6)	B beta-BHC	4.548f	3.930	30675	51093	0.023	0.056 #
7)	B delta-BHC	4.798f	4.154	34513	18983	0.013	0.009
8)	B Heptachlo...	5.681	4.754	163298	29525	0.066	0.016 #
9)	A Endosulfan I	0.000	5.149f	0	65964	N.D.	0.039 #
10)	B gamma-Chl...	5.980f	5.007	38262	56412	0.016	0.030 #
11)	B alpha-Chl...	0.000	5.068	0	73032	N.D.	0.039 #
12)	B 4,4'-DDE	0.000	5.254	0	51230	N.D.	0.031 #
13)	MA Dieldrin	0.000	5.378	0	64479	N.D.	0.035 #
14)	MA Endrin	0.000	5.681	0	78852	N.D.	0.048 #
15)	B Endosulfa...	6.796	5.980f	208194	129042	0.100	0.080
16)	A 4,4'-DDD	6.698f	5.820	33420	28717	0.019	0.020
19)	B Endosulfa...	7.194f	0.000	182129	0	0.095	N.D. #
20)	A Methoxychlor	7.501	0.000	207411	0	0.211	N.D. #
21)	B Endrin ke...	7.663	6.847f	195373	8447	0.093	0.005 #
22)	Mirex	8.134	0.000	62704	0	0.038	N.D. #
23)	Chlordane-1	4.699	3.783	21754	48781	0.201	0.744 #
24)	Chlordane-2	5.254	4.372	52870	48112	0.440	0.603 #
25)	Chlordane-3	0.000	5.007	0	56412	N.D.	0.253 #
26)	Chlordane-4	0.000	5.068	0	73032	N.D.	0.345 #
27)	Chlordane-5	6.899f	5.758f	171676	336368	1.767	4.955 #

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



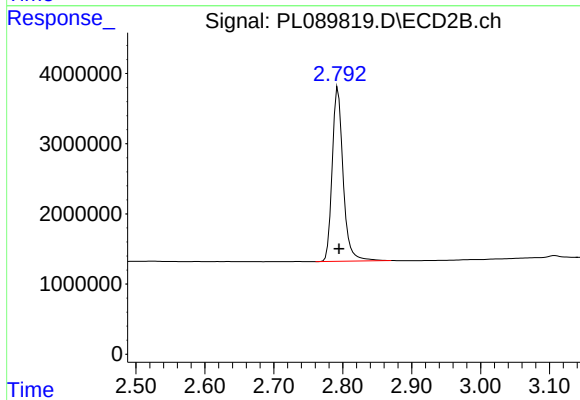
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T.: 3.550 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PB161195BL

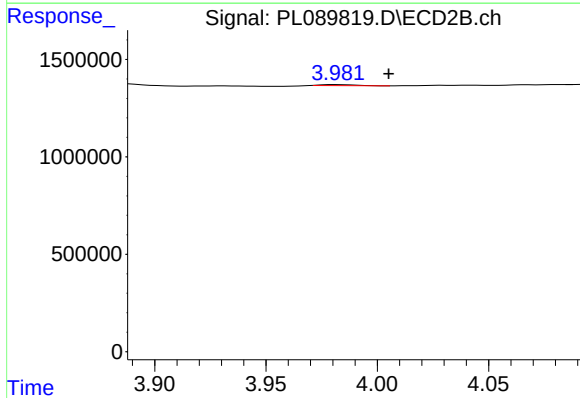
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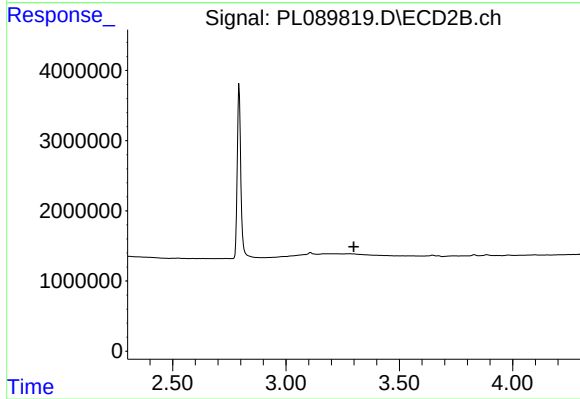
#1 Tetrachloro-m-xylene

R.T.: 2.793 min
Delta R.T.: -0.001 min
Response: 27254824
Conc: 19.01 ng/ml



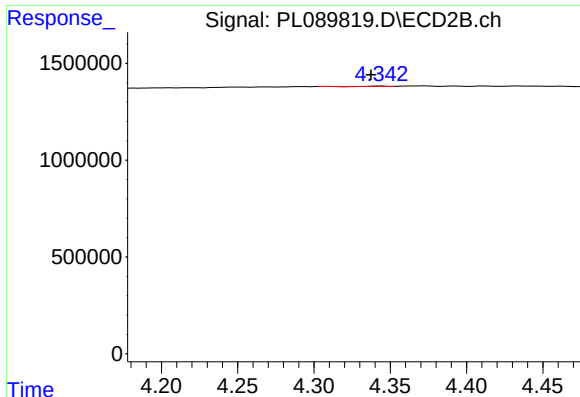
#2 alpha-BHC

R.T.: 3.982 min
Delta R.T.: -0.023 min
Response: 52384
Conc: 0.02 ng/ml



#2 alpha-BHC

R.T.: 0.000 min
Exp R.T.: 3.299 min
Response: 0
Conc: N.D.



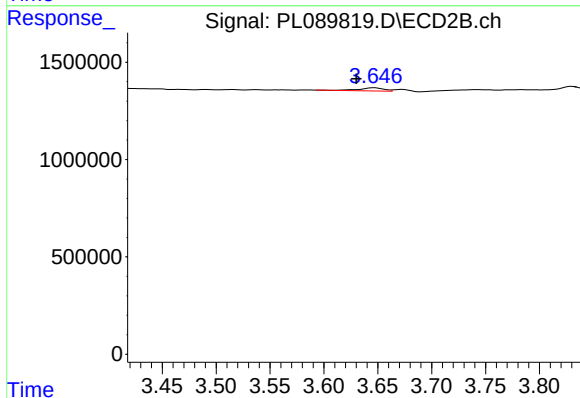
#3 gamma-BHC (Lindane)

R.T.: 4.344 min
Delta R.T.: 0.006 min
Response: 5828
Conc: 0.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161195BL

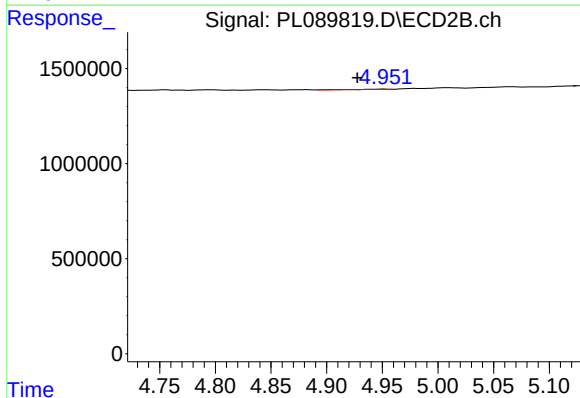
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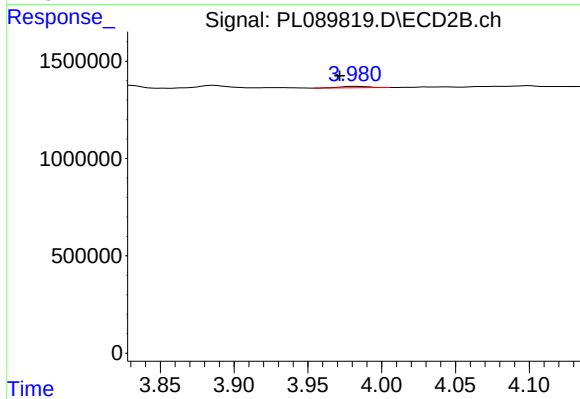
#3 gamma-BHC (Lindane)

R.T.: 3.647 min
Delta R.T.: 0.017 min
Response: 272335
Conc: 0.13 ng/ml



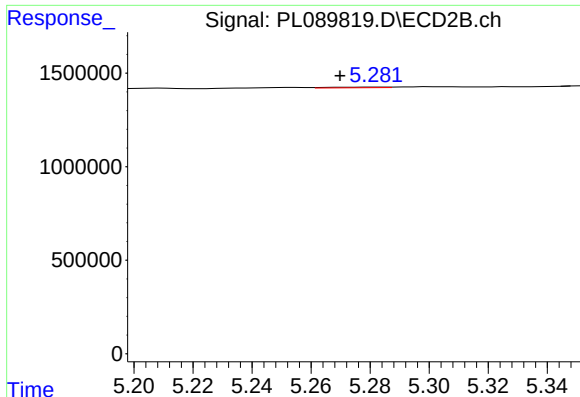
#4 Heptachlor

R.T.: 4.952 min
Delta R.T.: 0.024 min
Response: 7984
Conc: 0.00 ng/ml



#4 Heptachlor

R.T.: 3.982 min
Delta R.T.: 0.010 min
Response: 98084
Conc: 0.05 ng/ml



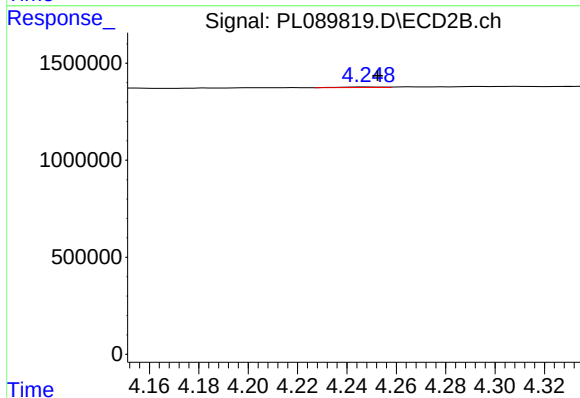
#5 Aldrin

R.T.: 5.283 min
Delta R.T.: 0.013 min
Response: 41701
Conc: 0.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161195BL

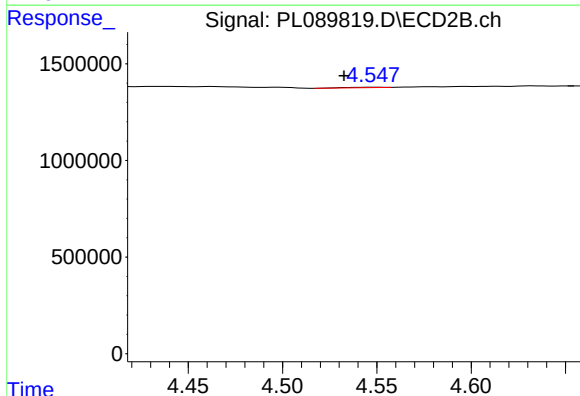
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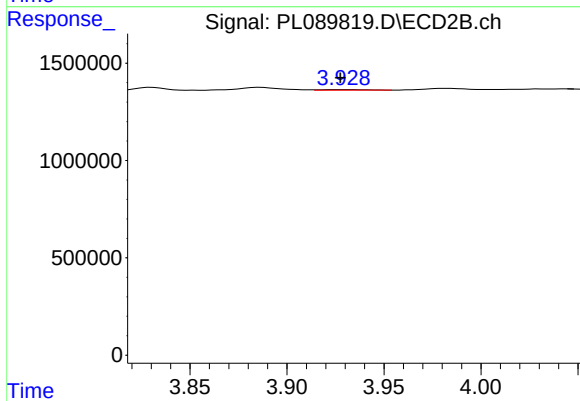
#5 Aldrin

R.T.: 4.249 min
Delta R.T.: -0.003 min
Response: 29579
Conc: 0.01 ng/ml



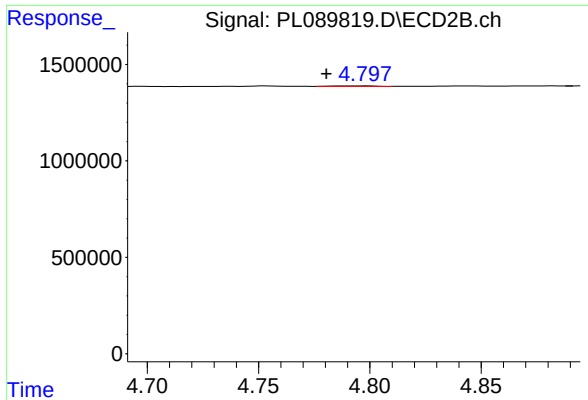
#6 beta-BHC

R.T.: 4.548 min
Delta R.T.: 0.016 min
Response: 30675
Conc: 0.02 ng/ml



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.002 min
Response: 51093
Conc: 0.06 ng/ml



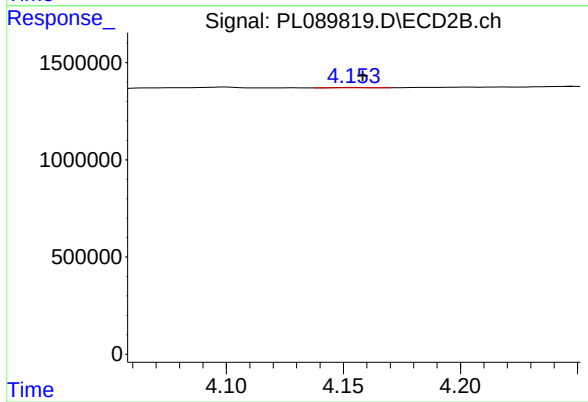
#7 delta-BHC

R.T.: 4.798 min
Delta R.T.: 0.017 min
Response: 34513
Conc: 0.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161195BL

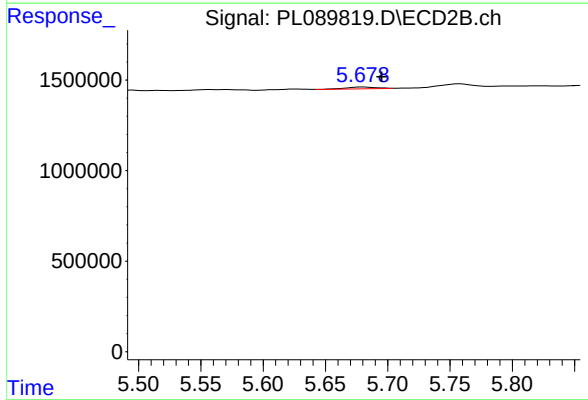
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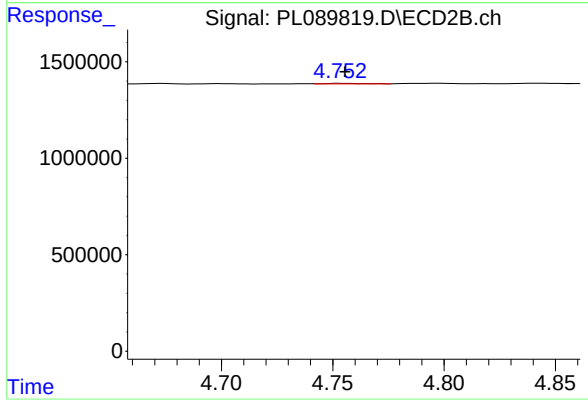
#7 delta-BHC

R.T.: 4.154 min
Delta R.T.: -0.004 min
Response: 18983
Conc: 0.01 ng/ml



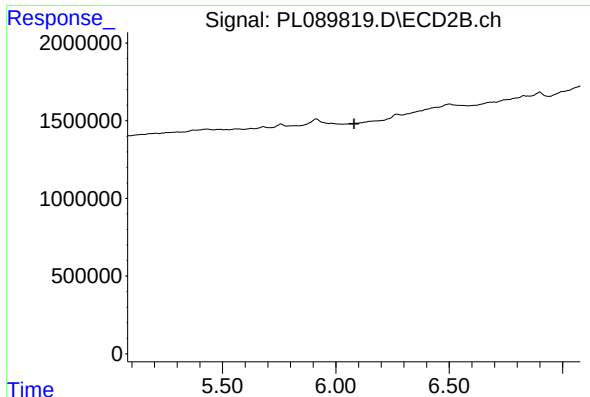
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.014 min
Response: 163298
Conc: 0.07 ng/ml



#8 Heptachlor epoxide

R.T.: 4.754 min
Delta R.T.: -0.002 min
Response: 29525
Conc: 0.02 ng/ml



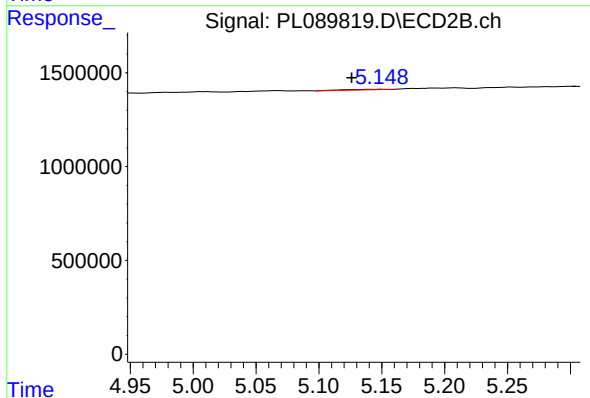
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T.: 6.080 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PB161195BL

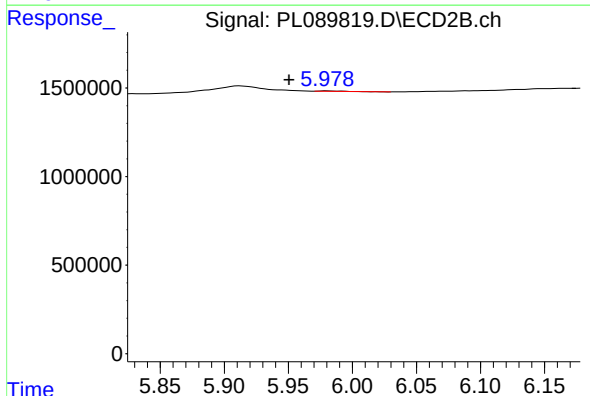
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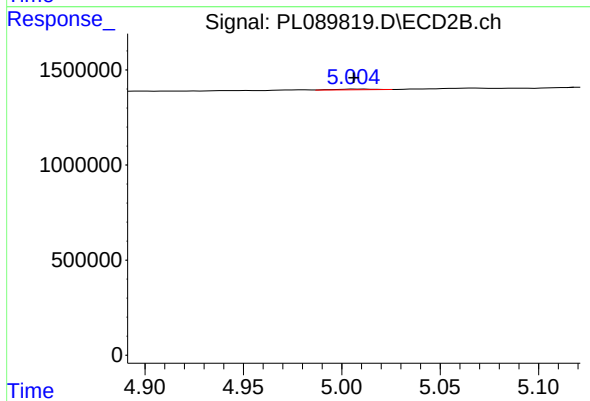
#9 Endosulfan I

R.T.: 5.149 min
Delta R.T.: 0.023 min
Response: 65964
Conc: 0.04 ng/ml



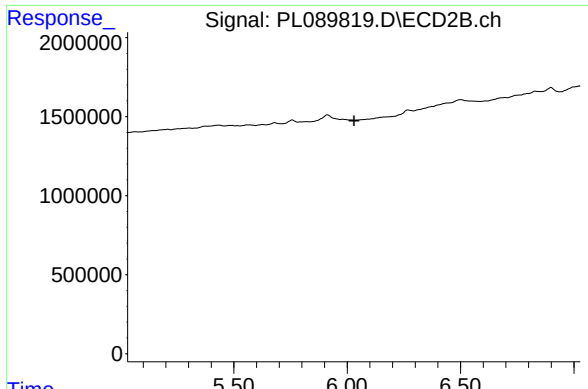
#10 gamma-Chlordane

R.T.: 5.980 min
Delta R.T.: 0.029 min
Response: 38262
Conc: 0.02 ng/ml



#10 gamma-Chlordane

R.T.: 5.007 min
Delta R.T.: 0.001 min
Response: 56412
Conc: 0.03 ng/ml



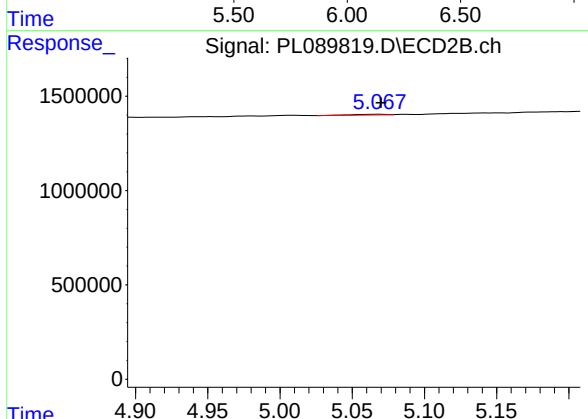
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T.: 6.030 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PB161195BL

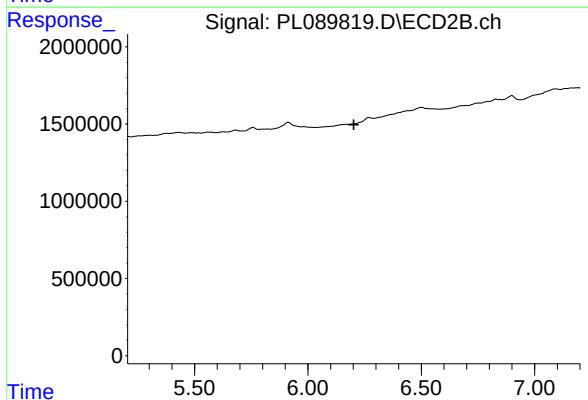
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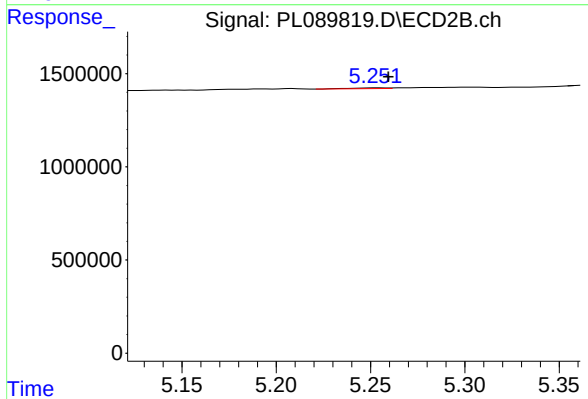
#11 alpha-Chlordane

R.T.: 5.068 min
Delta R.T.: -0.002 min
Response: 73032
Conc: 0.04 ng/ml



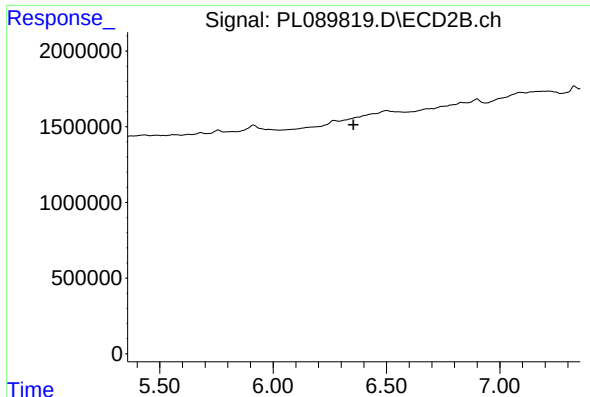
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T.: 6.202 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.254 min
Delta R.T.: -0.005 min
Response: 51230
Conc: 0.03 ng/ml



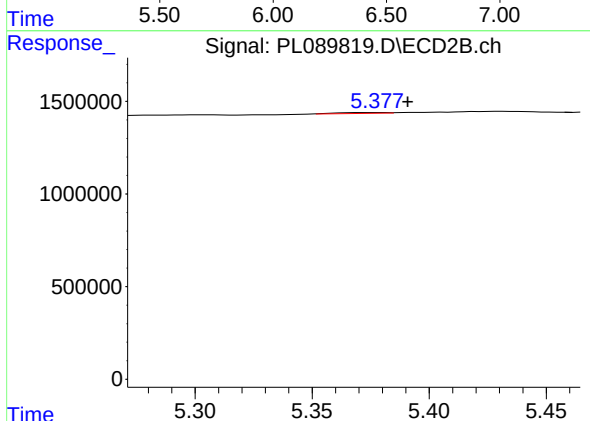
#13 Dieldrin

R.T.: 0.000 min
Exp R.T.: 6.355 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PB161195BL

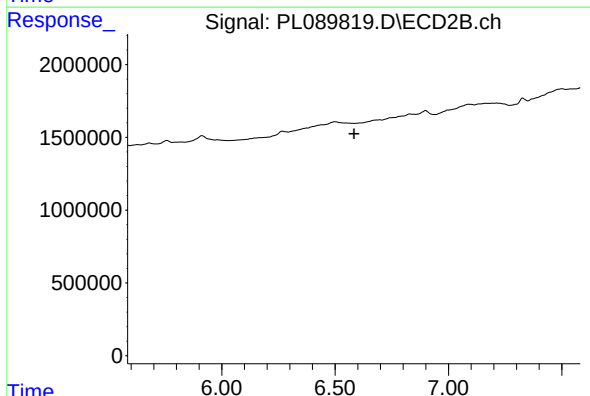
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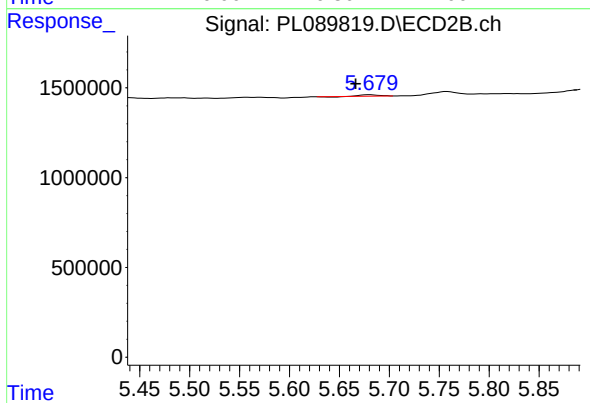
#13 Dieldrin

R.T.: 5.378 min
Delta R.T.: -0.013 min
Response: 64479
Conc: 0.03 ng/ml



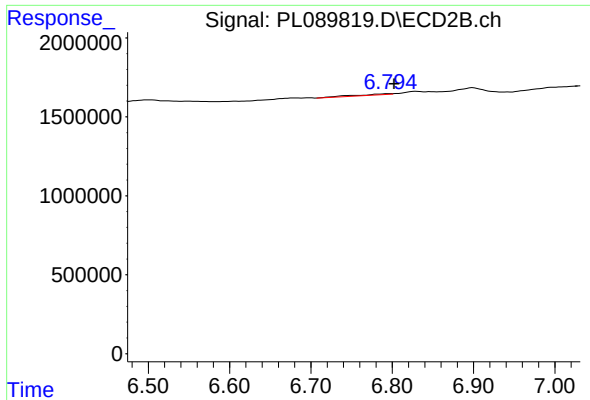
#14 Endrin

R.T.: 0.000 min
Exp R.T.: 6.584 min
Response: 0
Conc: N.D.



#14 Endrin

R.T.: 5.681 min
Delta R.T.: 0.014 min
Response: 78852
Conc: 0.05 ng/ml



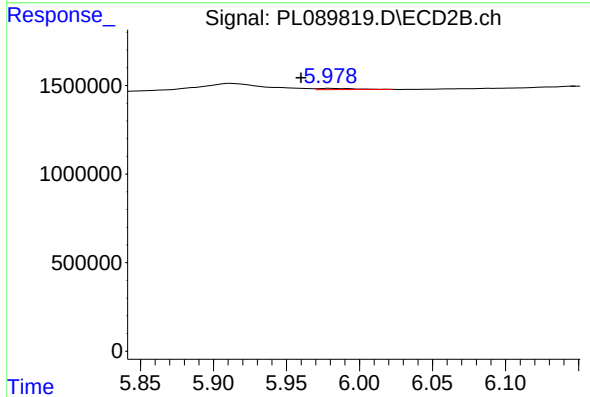
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: -0.006 min
Response: 208194
Conc: 0.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161195BL

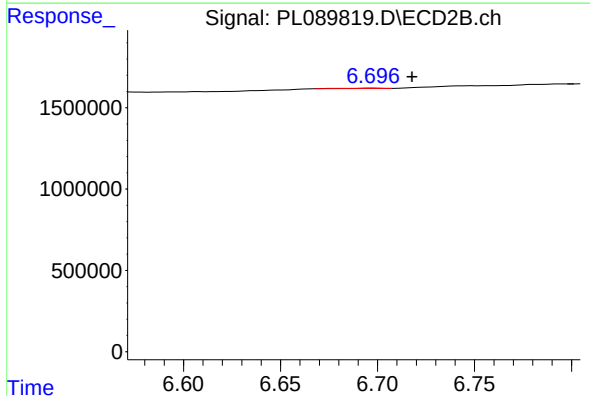
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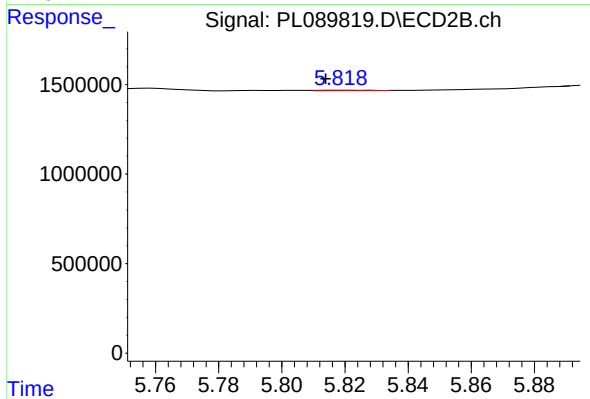
#15 Endosulfan II

R.T.: 5.980 min
Delta R.T.: 0.020 min
Response: 129042
Conc: 0.08 ng/ml



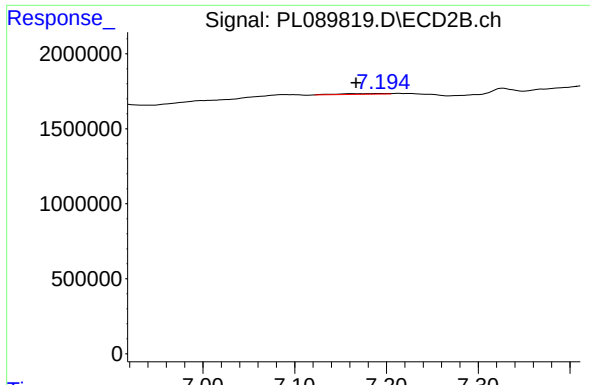
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: -0.020 min
Response: 33420
Conc: 0.02 ng/ml



#16 4,4'-DDD

R.T.: 5.820 min
Delta R.T.: 0.006 min
Response: 28717
Conc: 0.02 ng/ml



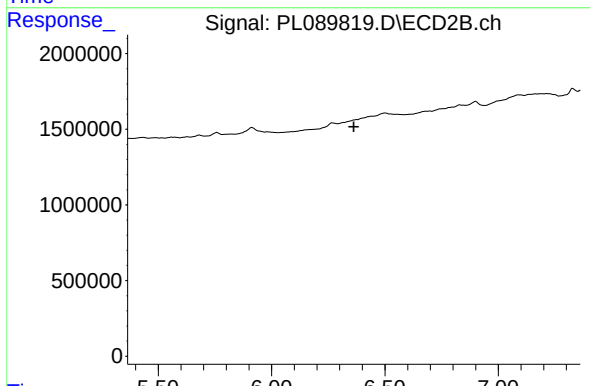
#19 Endosulfan Sulfate

R.T.: 7.194 min
Delta R.T.: 0.027 min
Response: 182129
Conc: 0.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161195BL

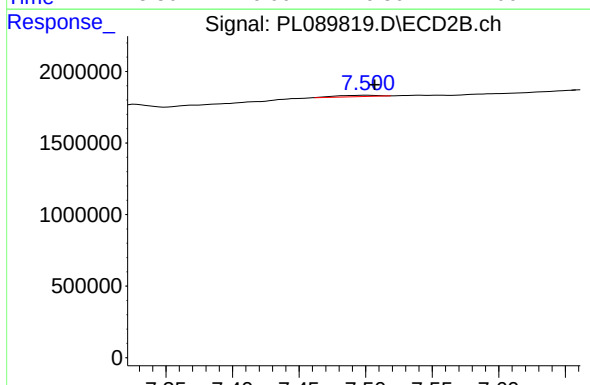
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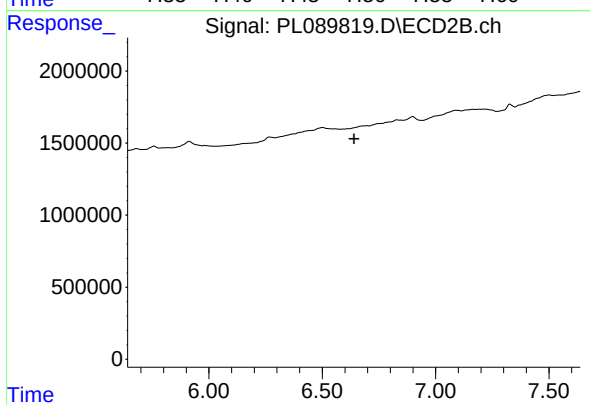
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 6.362 min
Response: 0
Conc: N.D.



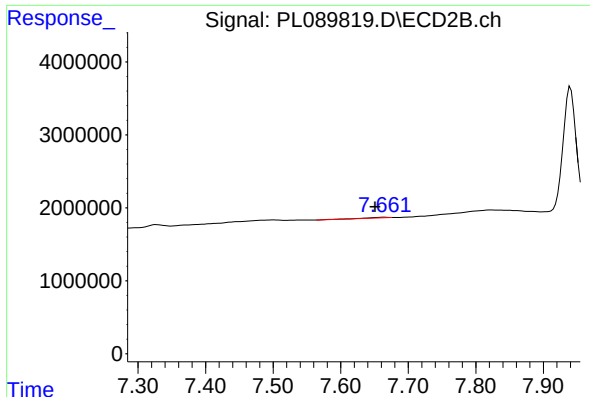
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: -0.005 min
Response: 207411
Conc: 0.21 ng/ml



#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 6.640 min
Response: 0
Conc: N.D.



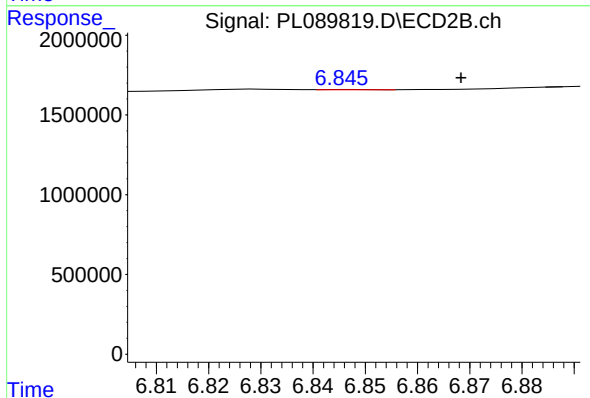
#21 Endrin ketone

R.T.: 7.663 min
Delta R.T.: 0.012 min
Response: 195373
Conc: 0.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161195BL

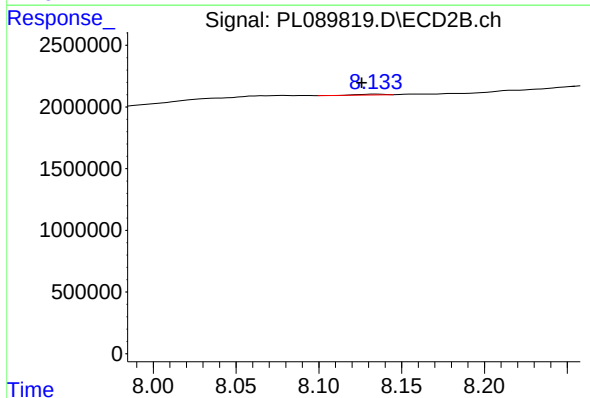
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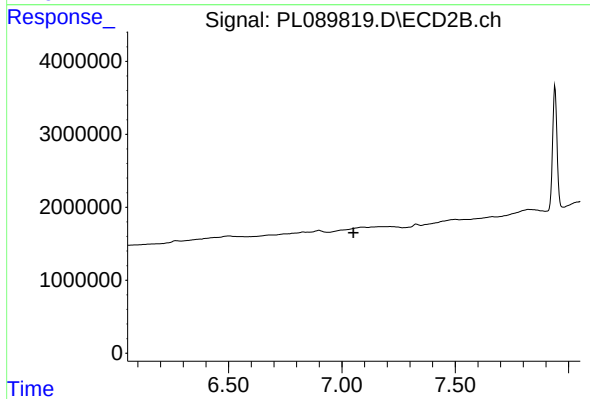
#21 Endrin ketone

R.T.: 6.847 min
Delta R.T.: -0.022 min
Response: 8447
Conc: 0.00 ng/ml



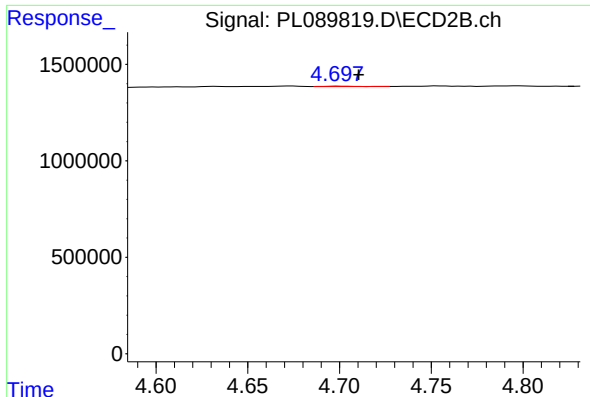
#22 Mirex

R.T.: 8.134 min
Delta R.T.: 0.008 min
Response: 62704
Conc: 0.04 ng/ml



#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.051 min
Response: 0
Conc: N.D.



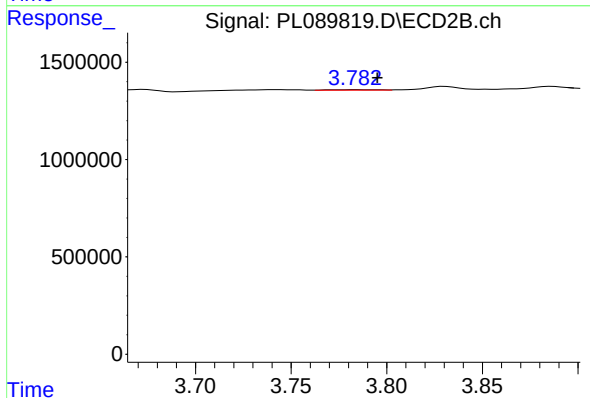
#23 Chlordane-1

R.T.: 4.699 min
Delta R.T.: -0.012 min
Response: 21754
Conc: 0.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161195BL

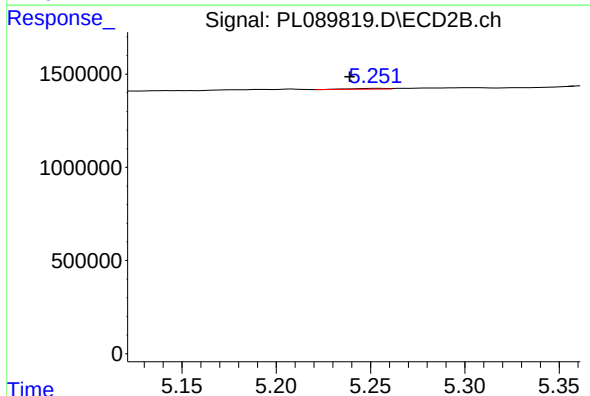
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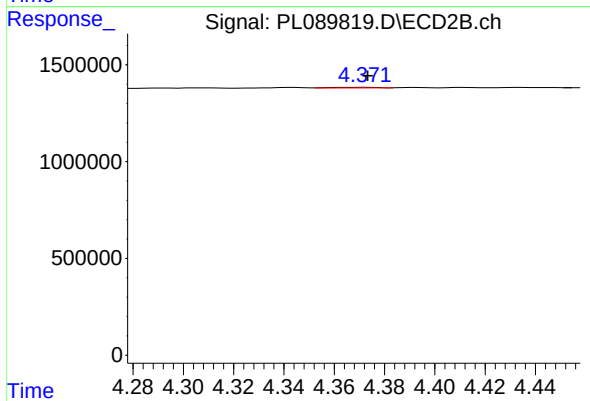
#23 Chlordane-1

R.T.: 3.783 min
Delta R.T.: -0.012 min
Response: 48781
Conc: 0.74 ng/ml



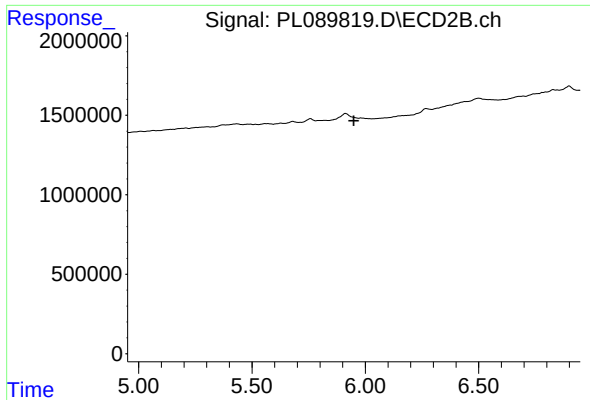
#24 Chlordane-2

R.T.: 5.254 min
Delta R.T.: 0.015 min
Response: 52870
Conc: 0.44 ng/ml



#24 Chlordane-2

R.T.: 4.372 min
Delta R.T.: 0.000 min
Response: 48112
Conc: 0.60 ng/ml



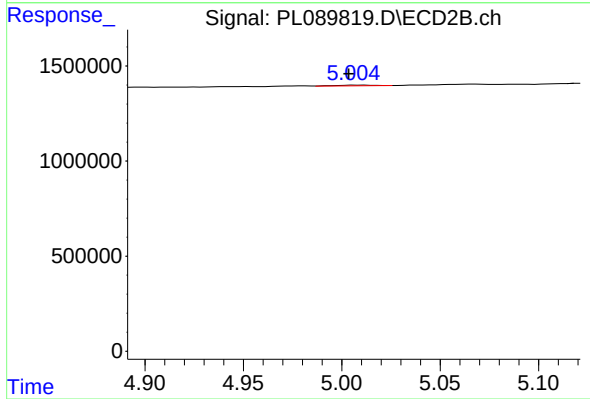
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T.: 5.949 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PB161195BL

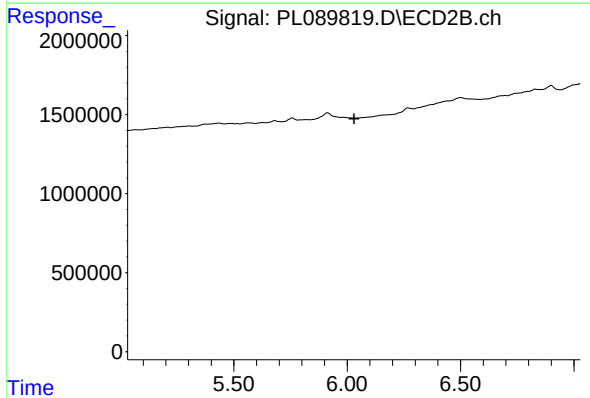
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Supervised By :Ankita Jodhani 06/03/2024



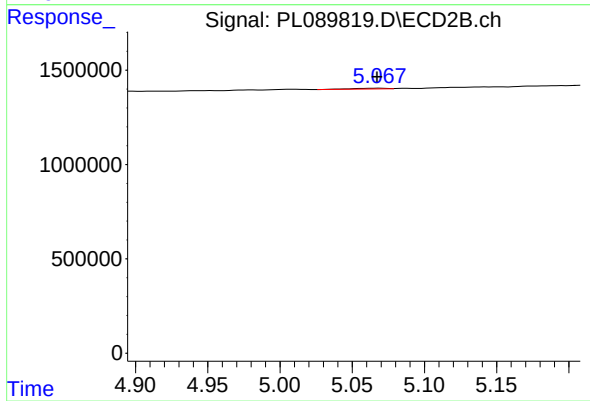
#25 Chlordane-3

R.T.: 5.007 min
Delta R.T.: 0.004 min
Response: 56412
Conc: 0.25 ng/ml



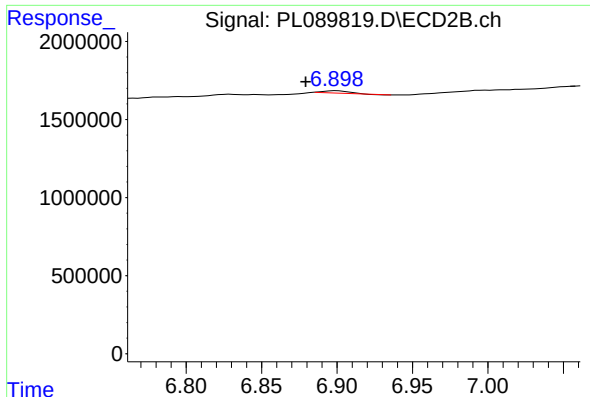
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T.: 6.031 min
Response: 0
Conc: N.D.



#26 Chlordane-4

R.T.: 5.068 min
Delta R.T.: 0.000 min
Response: 73032
Conc: 0.35 ng/ml



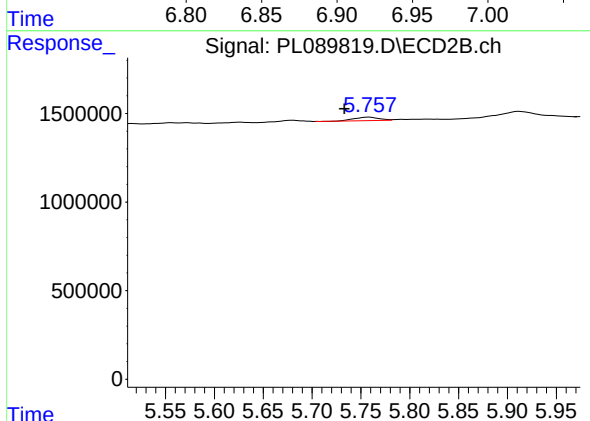
#27 Chlordane-5

R.T.: 6.899 min
Delta R.T.: 0.020 min
Response: 171676
Conc: 1.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161195BL

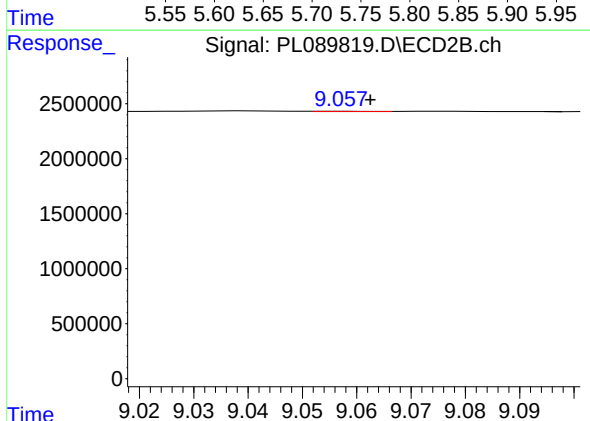
Manual Integrations
APPROVED

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



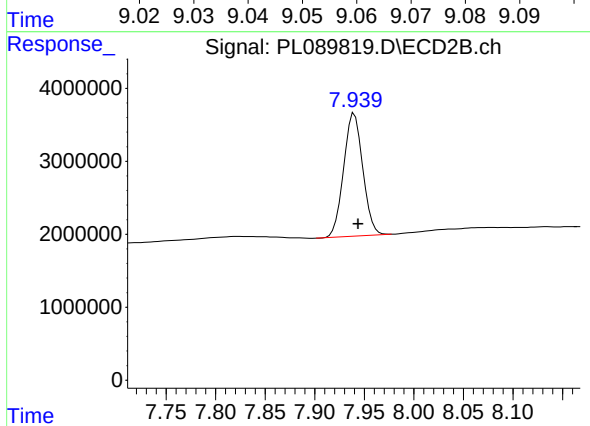
#27 Chlordane-5

R.T.: 5.758 min
Delta R.T.: 0.025 min
Response: 336368
Conc: 4.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.005 min
Response: 23575
Conc: 0.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.940 min
Delta R.T.: -0.004 min
Response: 22614999
Conc: 15.22 ng/ml