

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092024\
 Data File : PD085483.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Sep 2024 04:11
 Operator : AR\AJ
 Sample : P3927-18MS
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 DDCA5MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/23/2024
 Supervised By :Ankita Jodhani 09/23/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 06:16:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091924CLP.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 20 05:48:22 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

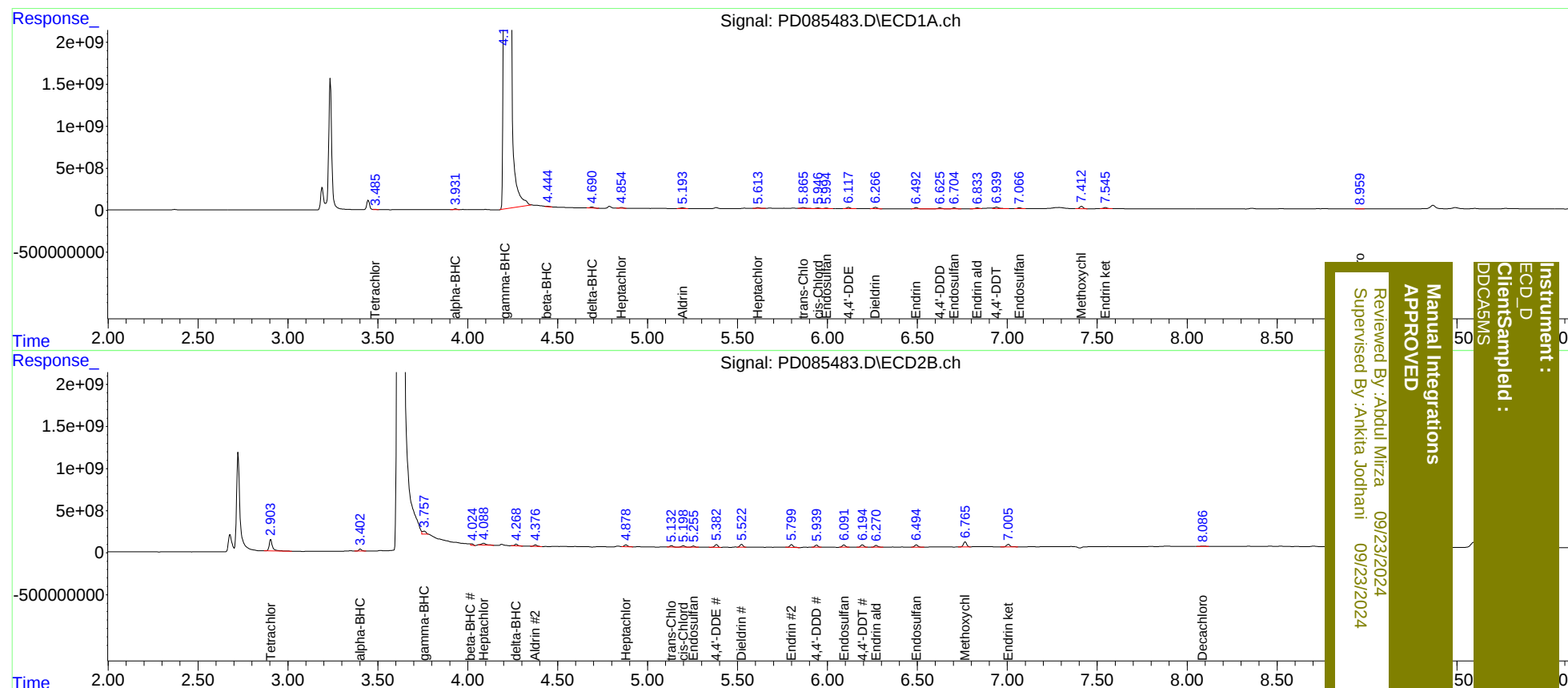
System Monitoring Compounds							
1)	SA Tetrachlo...	3.485	2.905	21800530	1827.3E6	18.002m	483.437 #
27)	SA Decachlor...	8.959	8.087	16669723	59710636	10.162m	22.336 #
Target Compounds							
2)	A alpha-BHC	3.933	3.403	111.8E6	261.9E6	47.331	47.434
3)	MA gamma-BHC...	4.199f	3.757	79059.2E6	516.5E6	31600.512m	99.105m#
4)	MA Heptachlor	4.856	4.090	117.6E6	384.0E6	55.689	80.894 #
5)	MB Aldrin	5.194	4.377	120.3E6	252.7E6	55.425	49.849
6)	B beta-BHC	4.444	4.024	65309641	160.5E6	68.484m	69.025m
7)	B delta-BHC	4.691	4.270	150.3E6	227.6E6	65.942	43.198 #
8)	B Heptachlo...	5.614	4.878	128.2E6	281.7E6	64.202	60.684m
9)	A Endosulfan I	5.995	5.256	92651639	167.8E6	52.276	40.826
10)	B trans-Chl...	5.867	5.134	140.8E6	183.6E6	73.971	40.567 #
11)	B cis-Chlor...	5.948	5.199	94557614	207.8E6	47.169	44.801
12)	B 4,4'-DDE	6.118	5.383	198.6E6	387.2E6	113.627	90.369
13)	MA Dieldrin	6.267	5.522	228.8E6	397.0E6	118.350	85.292m#
14)	MA Endrin	6.493	5.800	187.3E6	462.7E6	116.516	111.565
15)	B Endosulfa...	6.706	6.092	152.6E6	349.1E6	83.254	94.350
16)	A 4,4'-DDD	6.627	5.940	165.3E6	311.2E6	125.422	92.915 #
17)	MA 4,4'-DDT	6.939	6.195	331.1E6	334.2E6	271.597m	105.507 #
18)	B Endrin al...	6.834	6.271	94594180	251.8E6	79.870	91.055
19)	B Endosulfa...	7.066	6.495	149.9E6	331.3E6	99.256m	96.450
20)	A Methoxychlor	7.412	6.766	381.5E6	752.2E6	521.399m	463.508
21)	B Endrin ke...	7.546	7.006	190.1E6	380.9E6	118.899	82.001 #

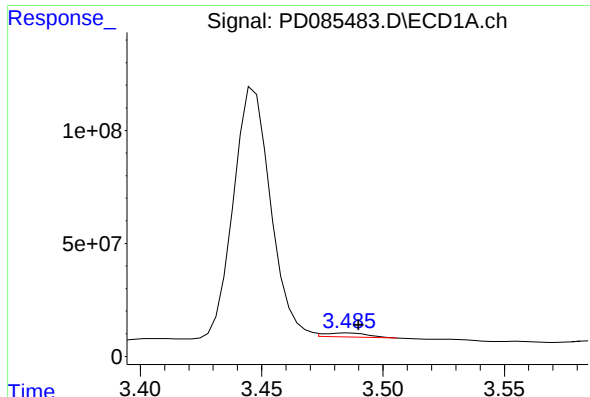
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092024\
Data File : PD085483.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Sep 2024 04:11
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ALS Vial : 51 Sample Multiplier: 1

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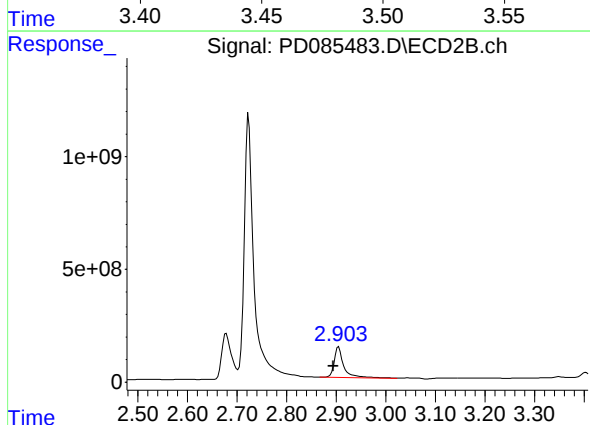
#1 Tetrachloro-m-xylene

R.T.: 3.485 min
Delta R.T.: -0.005 min
Response: 21800530
Conc: 18.00 ng/ml

Instrument :
ECD_D
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DDCA5MS

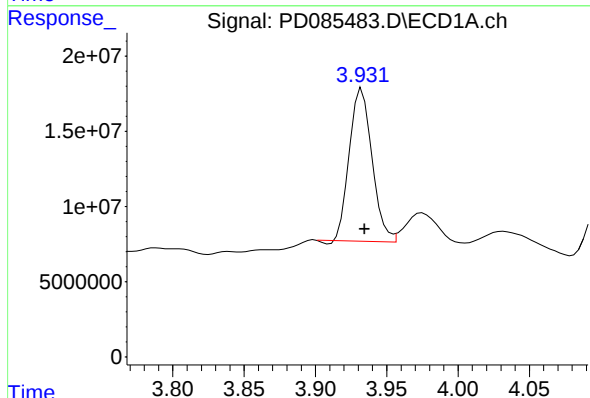
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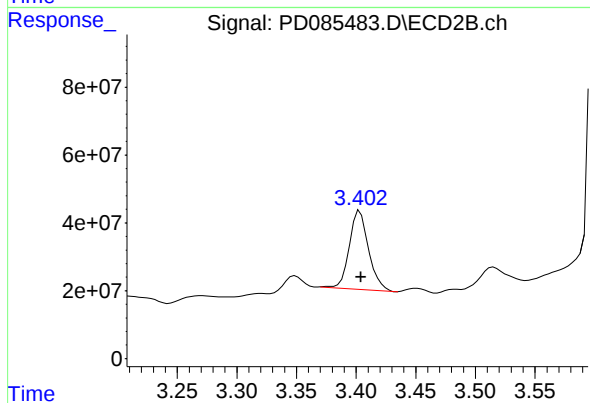
#1 Tetrachloro-m-xylene

R.T.: 2.905 min
Delta R.T.: 0.011 min
Response: 1827320208
Conc: 483.44 ng/ml



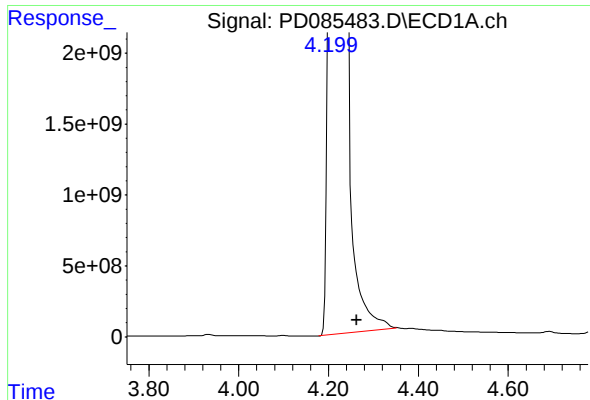
#2 alpha-BHC

R.T.: 3.933 min
Delta R.T.: -0.002 min
Response: 111828624
Conc: 47.33 ng/ml



#2 alpha-BHC

R.T.: 3.403 min
Delta R.T.: 0.000 min
Response: 261931373
Conc: 47.43 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.199 min
Delta R.T.: -0.063 min
Response: 79059245882
Conc: 31600.51 ng/

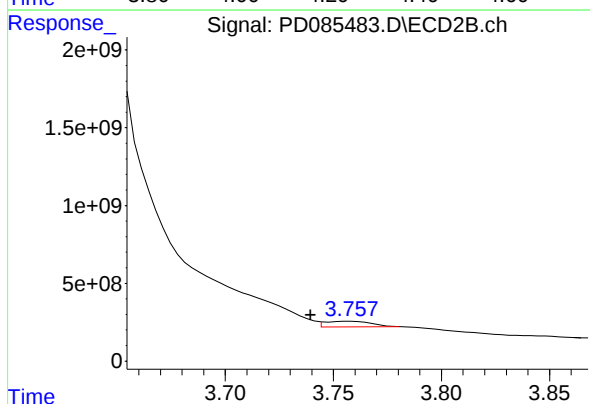
Instrument :

ECD_D

ClientSampleId :
DDCA5MS

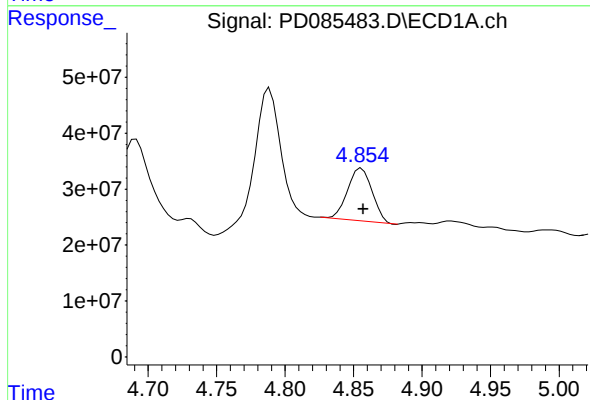
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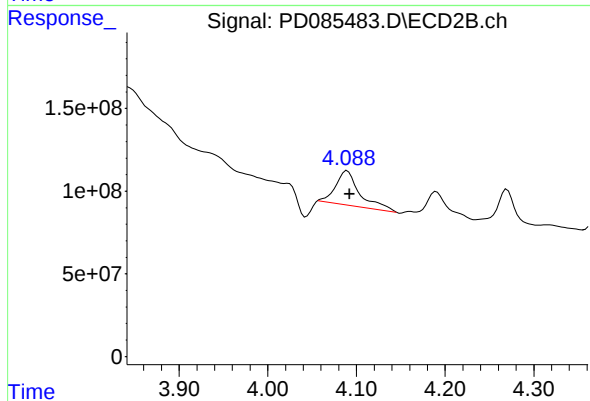
#3 gamma-BHC (Lindane)

R.T.: 3.757 min
Delta R.T.: 0.018 min
Response: 516460840
Conc: 99.10 ng/ml m



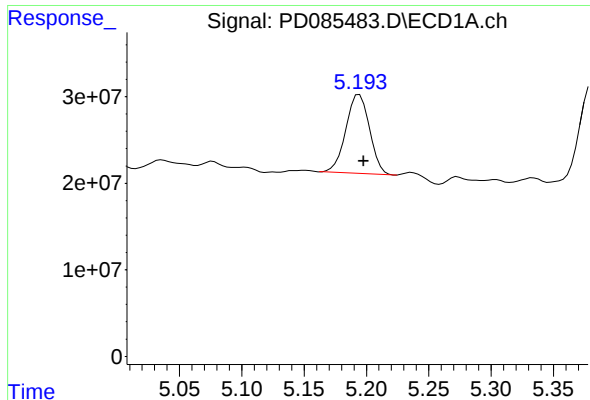
#4 Heptachlor

R.T.: 4.856 min
Delta R.T.: -0.001 min
Response: 117591550
Conc: 55.69 ng/ml



#4 Heptachlor

R.T.: 4.090 min
Delta R.T.: -0.003 min
Response: 383993217
Conc: 80.89 ng/ml



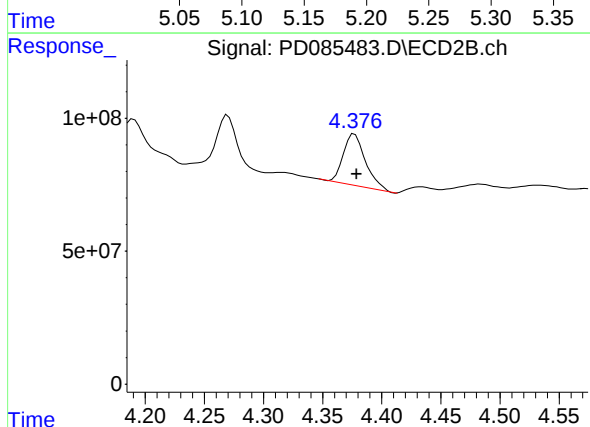
#5 Aldrin

R.T.: 5.194 min
Delta R.T.: -0.003 min
Response: 120307017
Conc: 55.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
DDCA5MS

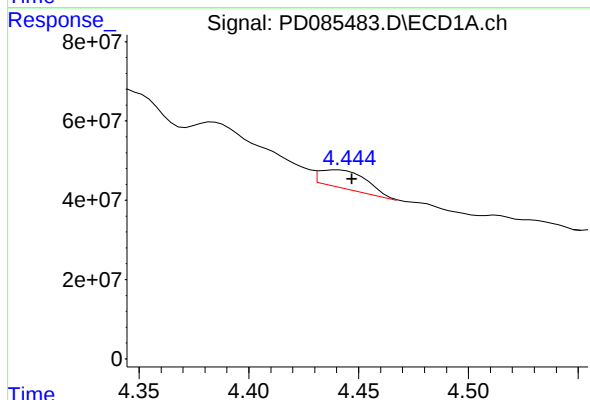
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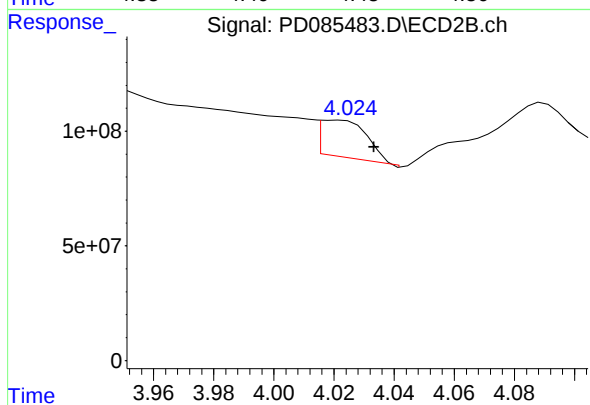
#5 Aldrin

R.T.: 4.377 min
Delta R.T.: -0.002 min
Response: 252675544
Conc: 49.85 ng/ml



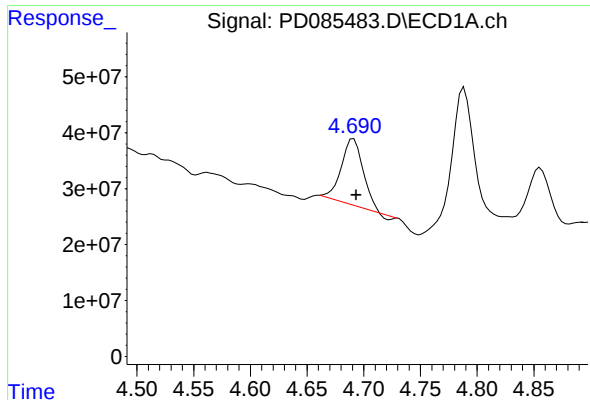
#6 beta-BHC

R.T.: 4.444 min
Delta R.T.: -0.003 min
Response: 65309641
Conc: 68.48 ng/ml m



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: -0.009 min
Response: 160518912
Conc: 69.03 ng/ml m



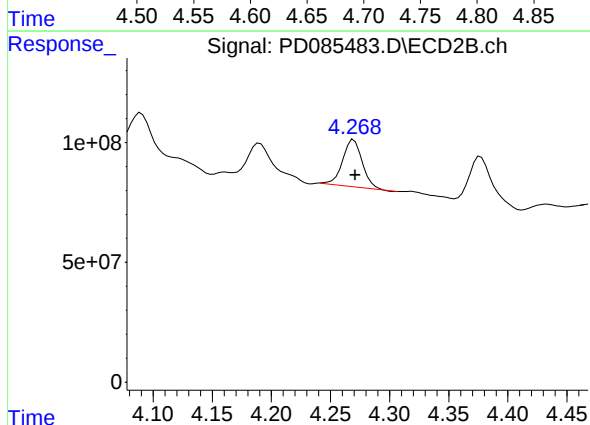
#7 delta-BHC

R.T.: 4.691 min
Delta R.T.: -0.002 min
Response: 150322669
Conc: 65.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
DDCA5MS

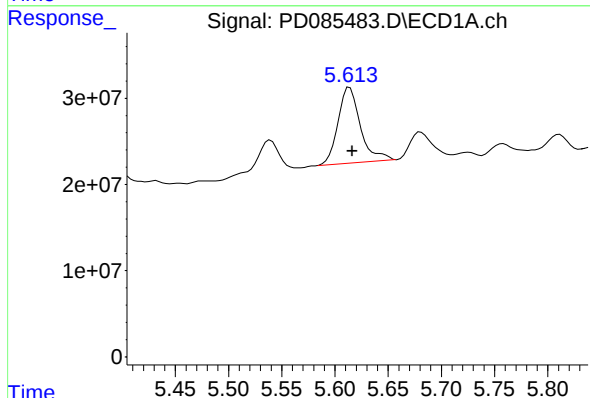
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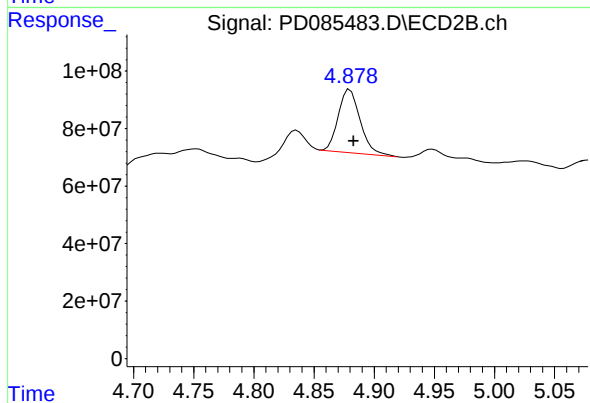
#7 delta-BHC

R.T.: 4.270 min
Delta R.T.: -0.001 min
Response: 227551405
Conc: 43.20 ng/ml



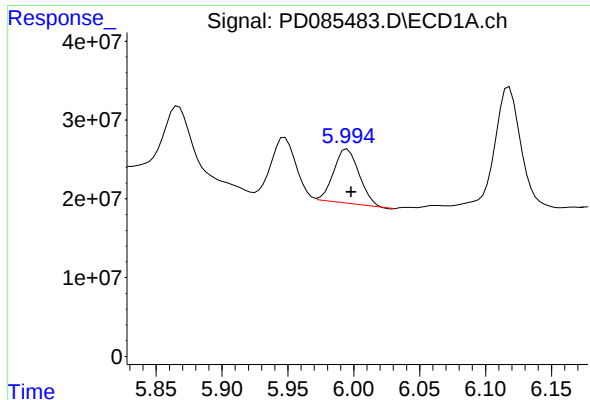
#8 Heptachlor epoxide

R.T.: 5.614 min
Delta R.T.: -0.002 min
Response: 128239740
Conc: 64.20 ng/ml



#8 Heptachlor epoxide

R.T.: 4.878 min
Delta R.T.: -0.005 min
Response: 281710135
Conc: 60.68 ng/ml m



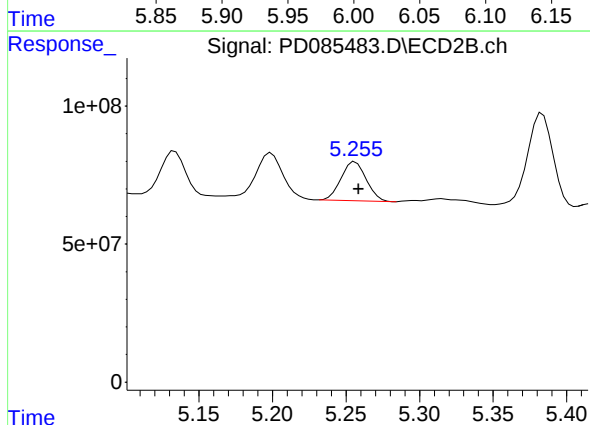
#9 Endosulfan I

R.T.: 5.995 min
Delta R.T.: -0.003 min
Response: 92651639
Conc: 52.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
DDCA5MS

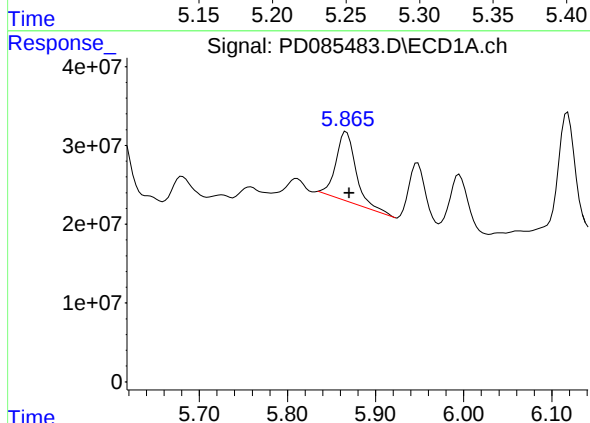
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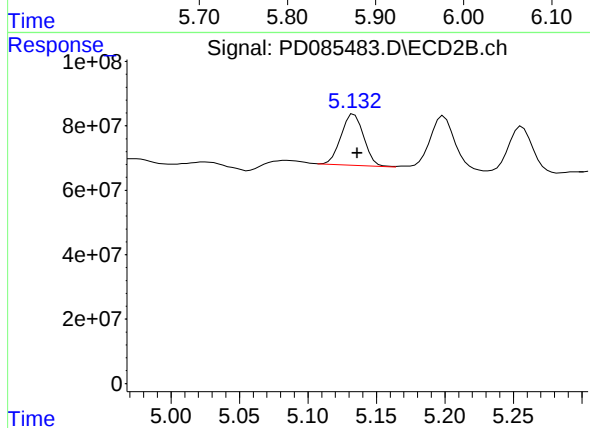
#9 Endosulfan I

R.T.: 5.256 min
Delta R.T.: -0.002 min
Response: 167770439
Conc: 40.83 ng/ml



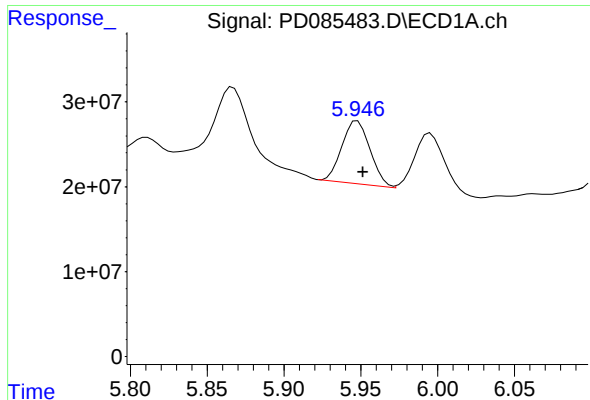
#10 trans-Chlordane

R.T.: 5.867 min
Delta R.T.: -0.003 min
Response: 140784620
Conc: 73.97 ng/ml



#10 trans-Chlordane

R.T.: 5.134 min
Delta R.T.: -0.002 min
Response: 183570401
Conc: 40.57 ng/ml



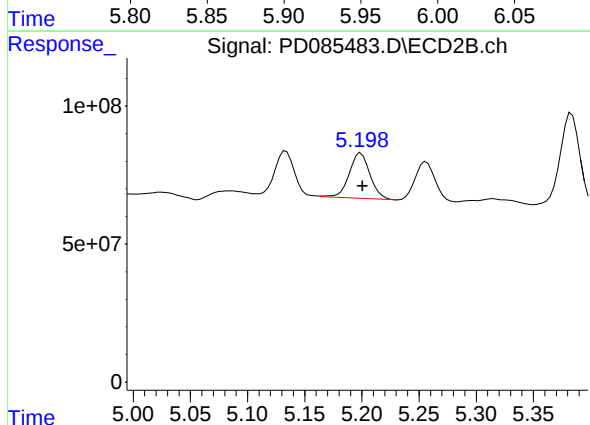
#11 cis-Chlordane

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 94557614
Conc: 47.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
DDCA5MS

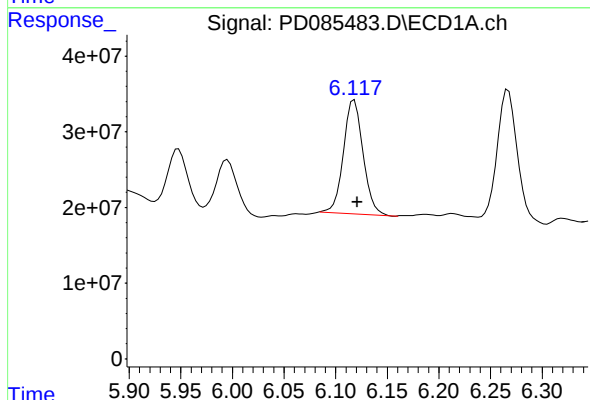
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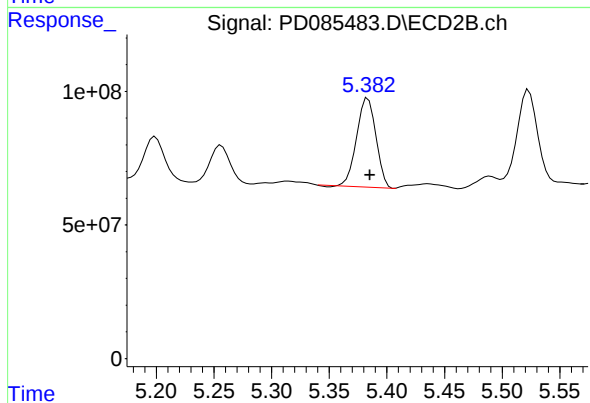
#11 cis-Chlordane

R.T.: 5.199 min
Delta R.T.: -0.002 min
Response: 207836286
Conc: 44.80 ng/ml



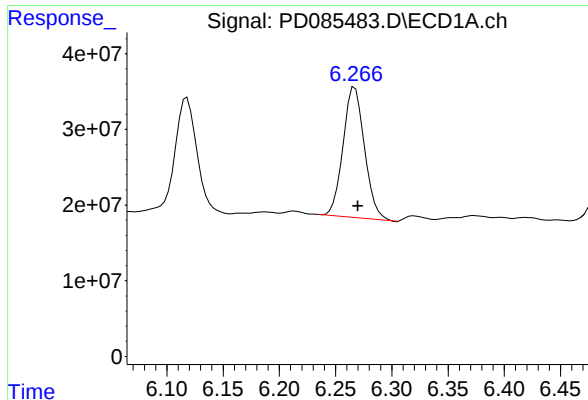
#12 4,4'-DDE

R.T.: 6.118 min
Delta R.T.: -0.003 min
Response: 198629921
Conc: 113.63 ng/ml



#12 4,4'-DDE

R.T.: 5.383 min
Delta R.T.: -0.002 min
Response: 387171496
Conc: 90.37 ng/ml



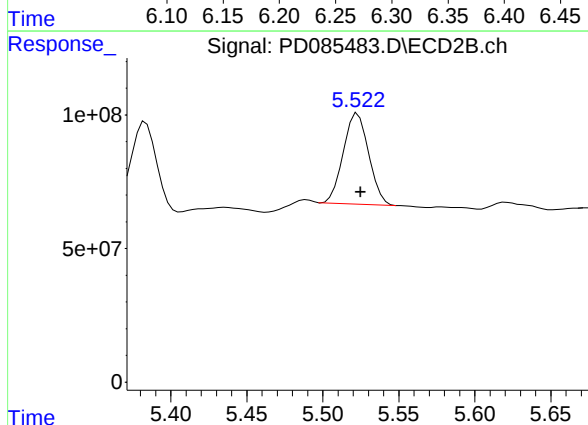
#13 Dieldrin

R.T.: 6.267 min
Delta R.T.: -0.003 min
Response: 228804031
Conc: 118.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
DDCA5MS

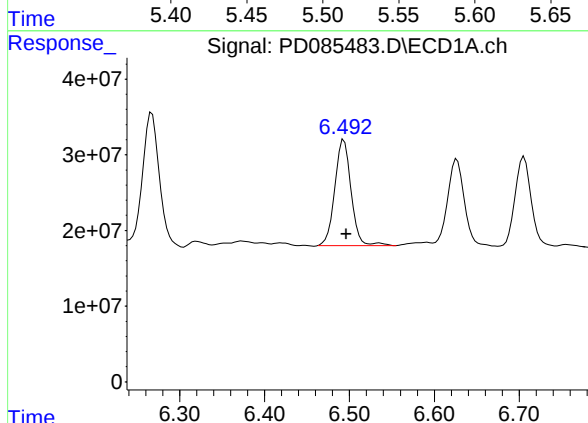
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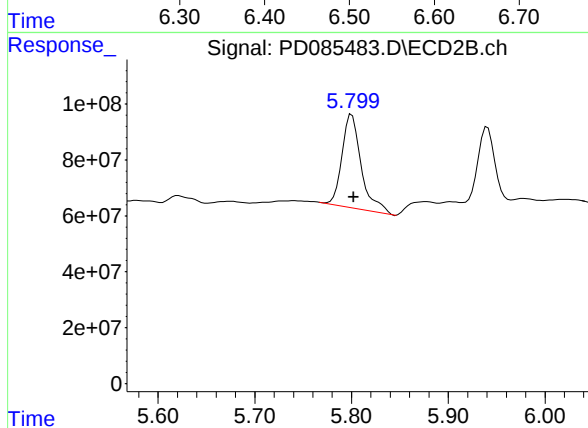
#13 Dieldrin

R.T.: 5.522 min
Delta R.T.: -0.003 min
Response: 397036767
Conc: 85.29 ng/ml



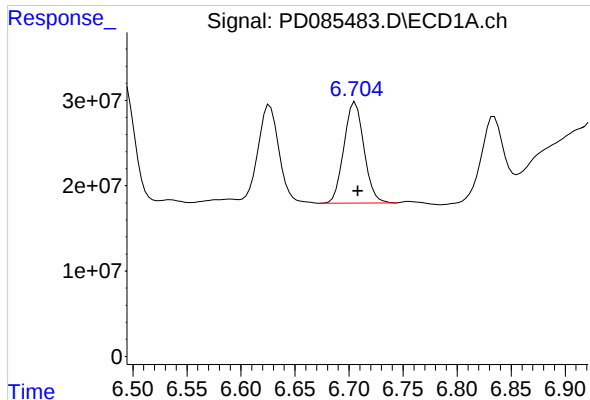
#14 Endrin

R.T.: 6.493 min
Delta R.T.: -0.003 min
Response: 187333254
Conc: 116.52 ng/ml



#14 Endrin

R.T.: 5.800 min
Delta R.T.: -0.002 min
Response: 462742853
Conc: 111.56 ng/ml



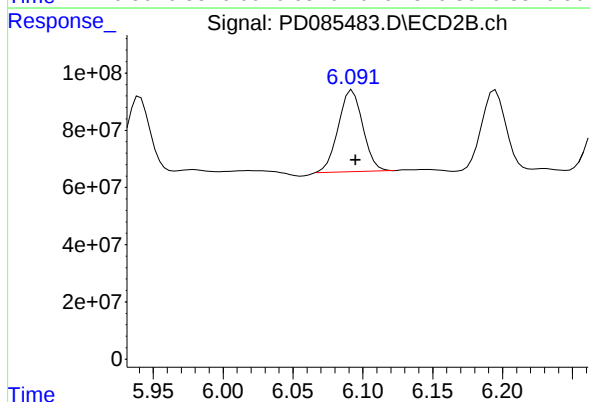
#15 Endosulfan II

R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 152649280
Conc: 83.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
DDCA5MS

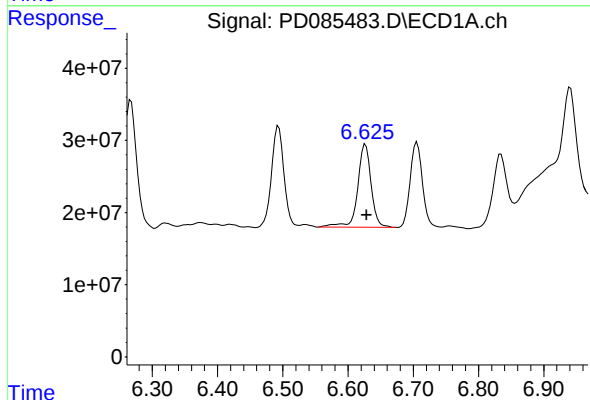
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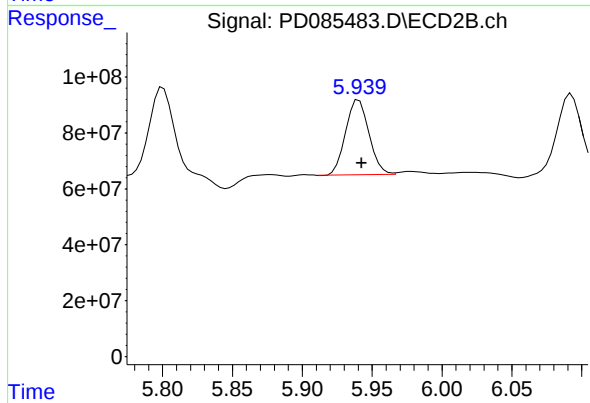
#15 Endosulfan II

R.T.: 6.092 min
Delta R.T.: -0.002 min
Response: 349108837
Conc: 94.35 ng/ml



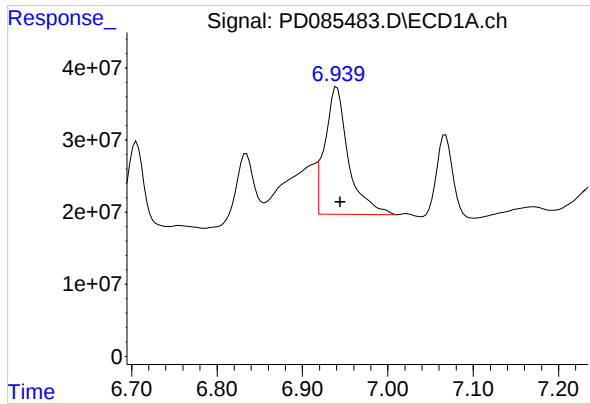
#16 4,4'-DDD

R.T.: 6.627 min
Delta R.T.: -0.002 min
Response: 165250423
Conc: 125.42 ng/ml



#16 4,4'-DDD

R.T.: 5.940 min
Delta R.T.: -0.002 min
Response: 311159164
Conc: 92.91 ng/ml



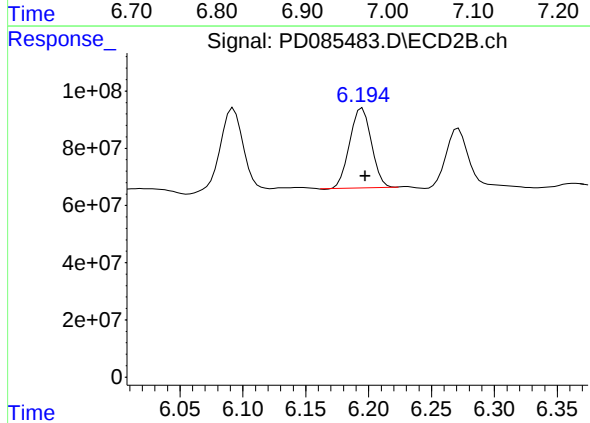
#17 4,4'-DDT

R.T.: 6.939 min
Delta R.T.: -0.005 min
Response: 331081076
Conc: 271.60 ng/ml

Instrument :
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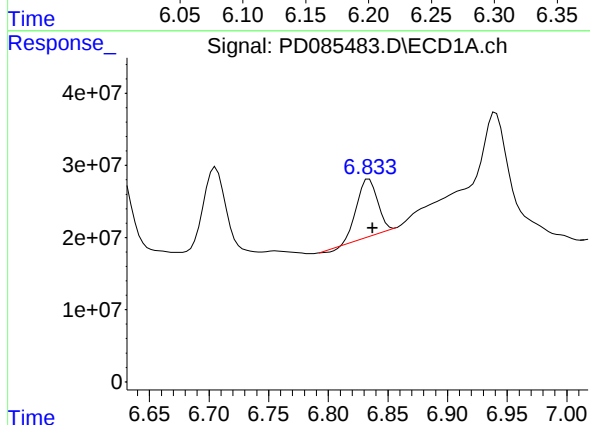
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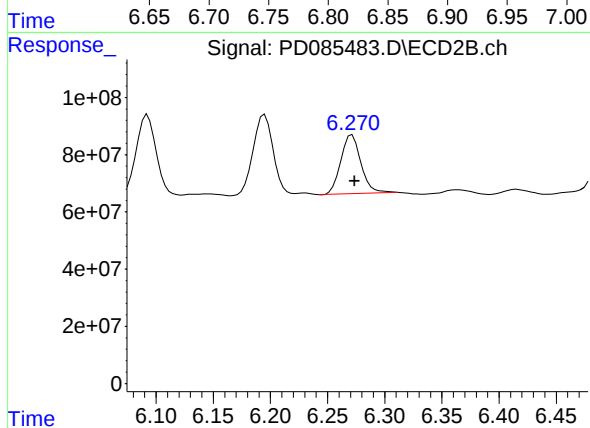
#17 4,4'-DDT

R.T.: 6.195 min
Delta R.T.: -0.002 min
Response: 334184304
Conc: 105.51 ng/ml



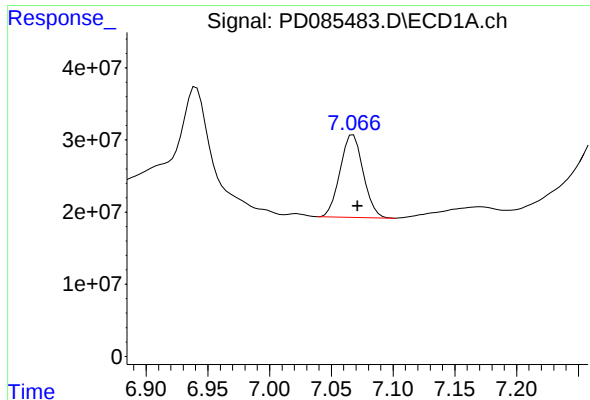
#18 Endrin aldehyde

R.T.: 6.834 min
Delta R.T.: -0.003 min
Response: 94594180
Conc: 79.87 ng/ml



#18 Endrin aldehyde

R.T.: 6.271 min
Delta R.T.: -0.002 min
Response: 251779725
Conc: 91.06 ng/ml



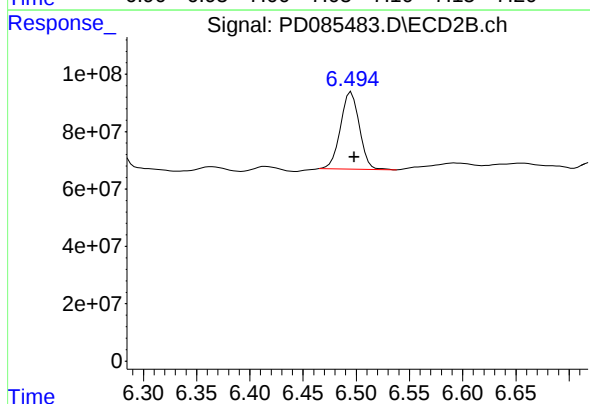
#19 Endosulfan Sulfate

R.T.: 7.066 min
Delta R.T.: -0.005 min
Response: 149854457
Conc: 99.26 ng/ml

Instrument :
ECD_D
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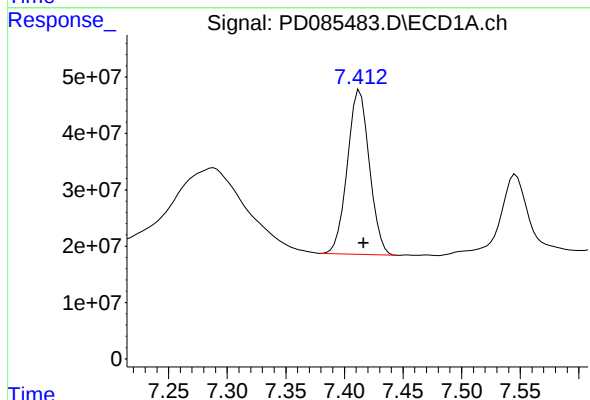
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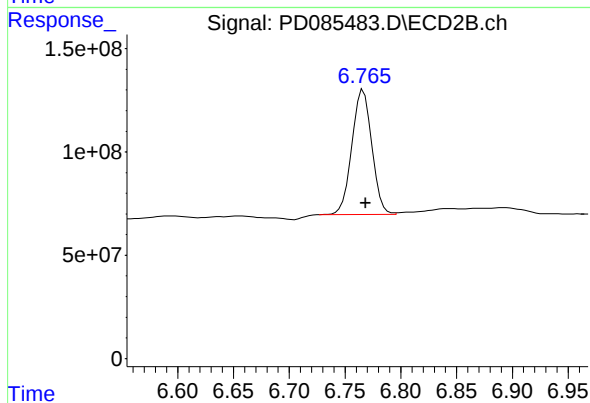
#19 Endosulfan Sulfate

R.T.: 6.495 min
Delta R.T.: -0.003 min
Response: 331260990
Conc: 96.45 ng/ml



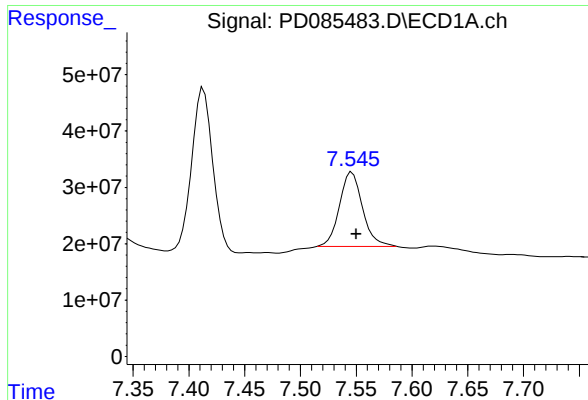
#20 Methoxychlor

R.T.: 7.412 min
Delta R.T.: -0.005 min
Response: 381480095
Conc: 521.40 ng/ml m



#20 Methoxychlor

R.T.: 6.766 min
Delta R.T.: -0.002 min
Response: 752238724
Conc: 463.51 ng/ml



#21 Endrin ketone

R.T.: 7.546 min
Delta R.T.: -0.004 min
Response: 190087450
Conc: 118.90 ng/ml

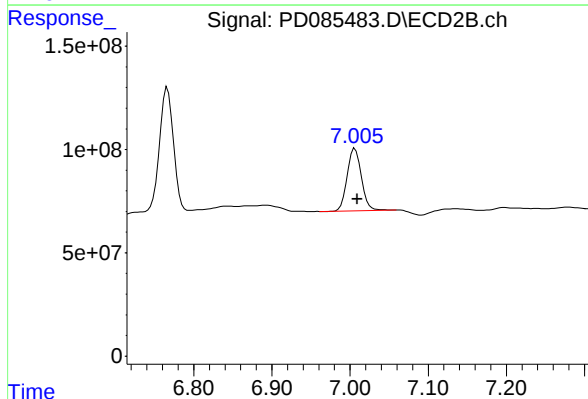
Instrument :

ECD_D

ClientSampleId :
DDCA5MS

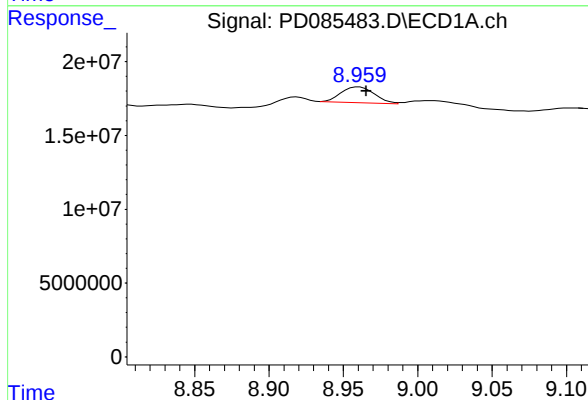
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/23/2024
Supervised By :Ankita Jodhani 09/23/2024



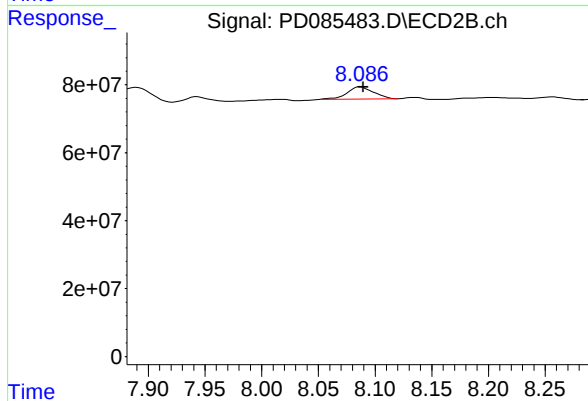
#21 Endrin ketone

R.T.: 7.006 min
Delta R.T.: -0.003 min
Response: 380873330
Conc: 82.00 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.959 min
Delta R.T.: -0.006 min
Response: 16669723
Conc: 10.16 ng/ml m



#27 Decachlorobiphenyl

R.T.: 8.087 min
Delta R.T.: -0.002 min
Response: 59710636
Conc: 22.34 ng/ml