

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL123119\
 Data File : PL055413.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Dec 2019 11:04
 Operator : SG\AJ
 Sample : K6447-01MSD 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RBR31-48MSD

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 01 00:39:16 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122119.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 21 05:21:06 2019
 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...	3.537	4.049	51258495	13071056	4.874	4.947
28)	SA Decachlor...	8.315	9.152	35919273	9728058	3.871	4.407m
Target Compounds							
2)	A alpha-BHC	3.978	4.439	172.5E6	41298882	9.916m	11.214m
3)	MA gamma-BHC...	4.266	4.726	146.2E6	43158116	8.867	12.624 #
4)	MA Heptachlor	4.571	5.236	163.6E6	37013882	10.022	11.765
5)	MB Aldrin	4.822	5.541	158.2E6	36654620	10.360	12.730
6)	B beta-BHC	4.517	4.898	69981668	18214645	10.205	11.092
7)	B delta-BHC	4.724	5.114	142.1E6	22470590	9.388	8.036m
8)	B Heptachlo...	5.268	5.927	145.1E6	26549777	10.154	10.416m
9)	A Endosulfan I	5.610	6.287	124.0E6	31833595	9.384	12.853 #
10)	B gamma-Chl...	5.496	6.162	157.3E6	40676058	10.798	15.326 #
11)	B alpha-Chl...	5.555	6.236	144.8E6	35575249	10.287	13.566 #
12)	B 4,4'-DDE	5.718	6.393	151.8E6	32177689	11.392	13.197
13)	MA Dieldrin	5.854	6.544	170.1E6	31030783	12.188	12.159
14)	MA Endrin	6.111	6.764	129.4E6	24754691	10.184m	11.535
15)	B Endosulfa...	6.386	6.974	126.6E6	27524803	10.786	11.610
16)	A 4,4'-DDD	6.234	6.885	98661003	24226564	10.272m	12.744
17)	MA 4,4'-DDT	6.477	7.185	99265780	24769459	9.860	12.621 #
18)	B Endrin al...	6.554	7.098	113.4E6	22421310	11.645	11.618
19)	B Endosulfa...	6.774	7.322	246.7E6	26117235	24.530	12.505 #
20)	A Methoxychlor	7.021	7.646	46084154	15446677	9.562	14.312 #
21)	B Endrin ke...	7.261	7.797	96773778	26681145	9.233	11.981 #
22)	Mirex	7.453	8.254	73893030	20069491	9.701	12.104

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL123119\
Data File : PL055413.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Dec 2019 11:04
Operator : SG\AJ
Sample : K6447-01MSD 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

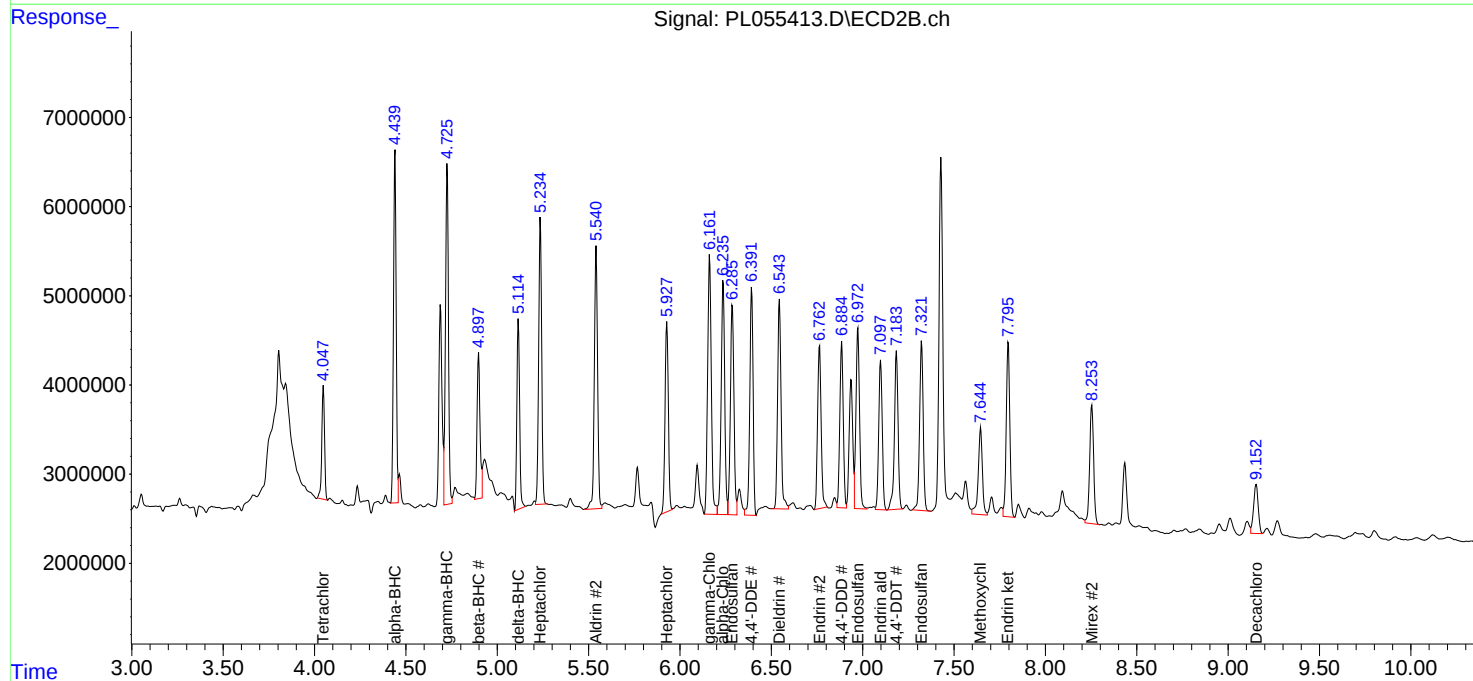
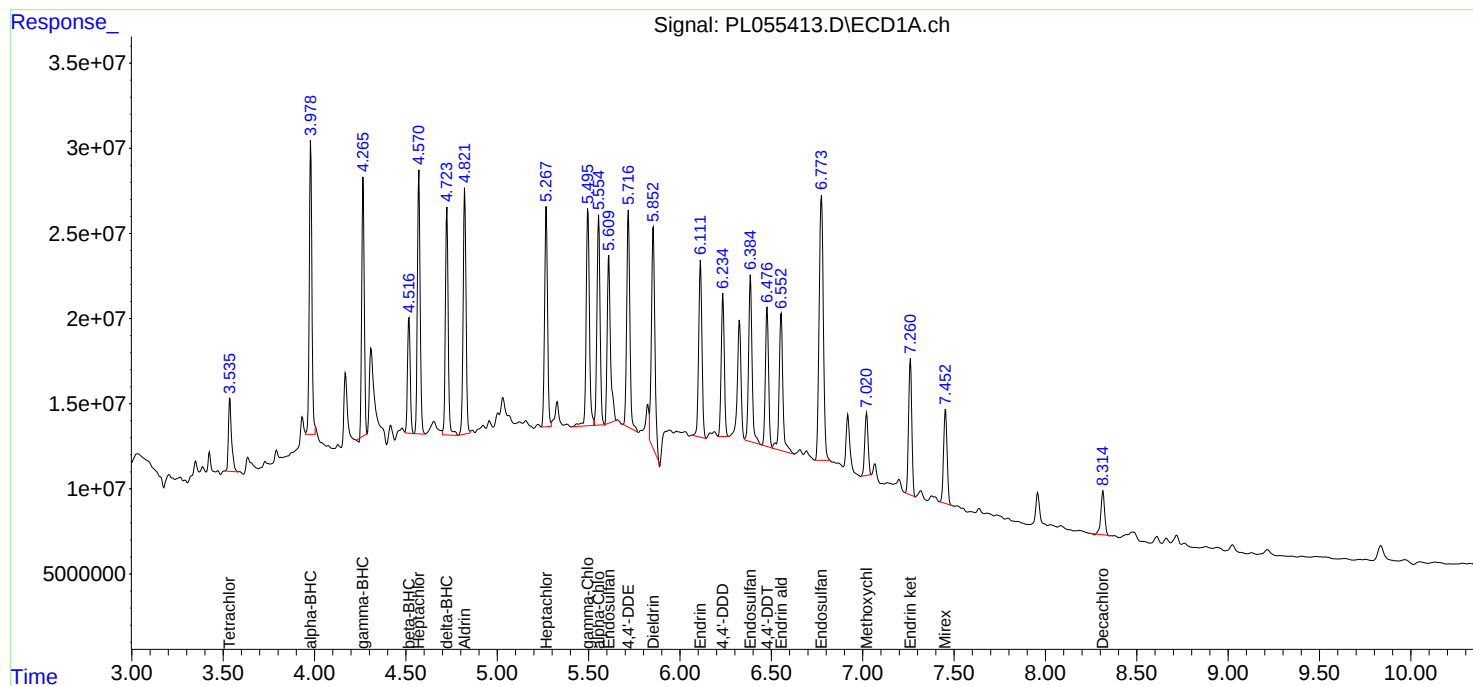
Instrument :
ECD_L
ClientSampleId :
RBR31-48MSD

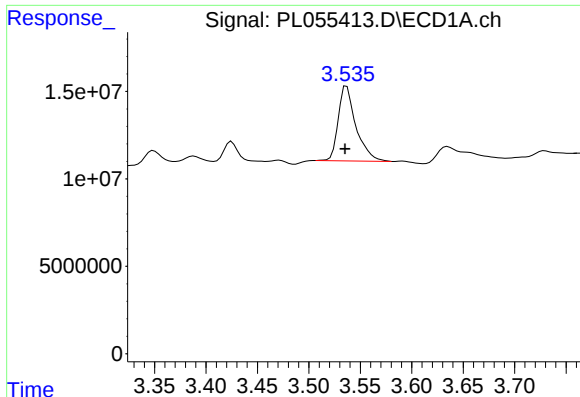
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 01 00:39:16 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122119.M
Quant Title : GC Extractables
QLast Update : Sat Dec 21 05:21:06 2019
Response 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





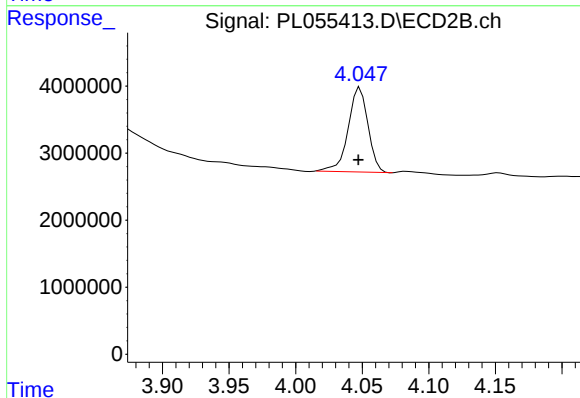
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.002 min
Response: 51258495
Conc: 4.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR31-48MSD

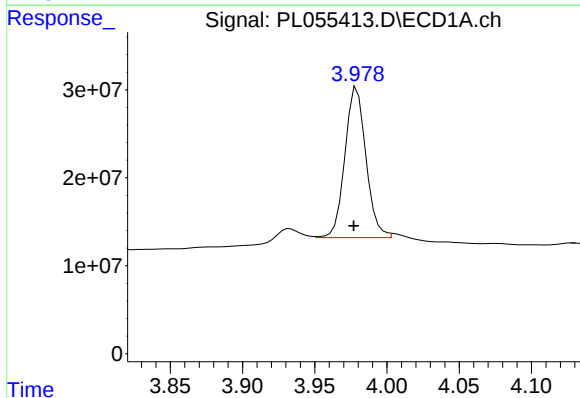
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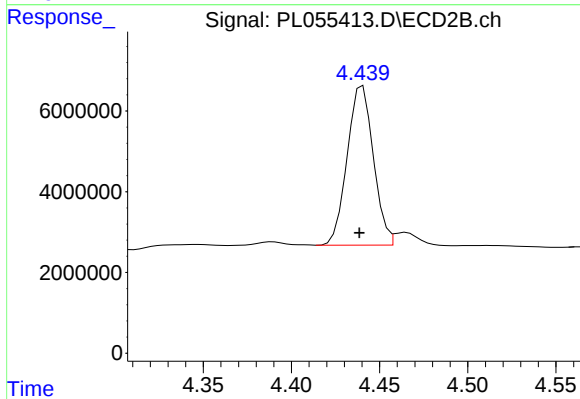
#1 Tetrachloro-m-xylene

R.T.: 4.049 min
Delta R.T.: 0.001 min
Response: 13071056
Conc: 4.95 ng/ml



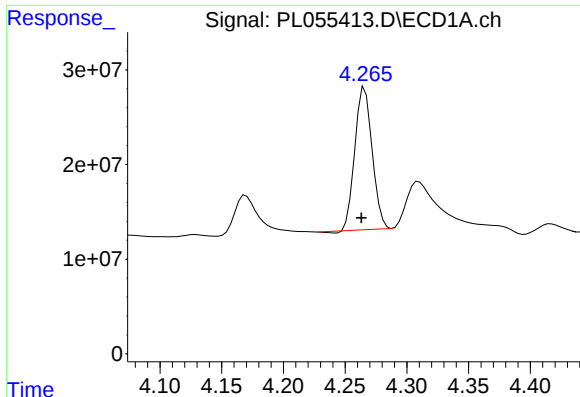
#2 alpha-BHC

R.T.: 3.978 min
Delta R.T.: 0.000 min
Response: 172507420
Conc: 9.92 ng/ml m



#2 alpha-BHC

R.T.: 4.439 min
Delta R.T.: 0.000 min
Response: 41298882
Conc: 11.21 ng/ml m



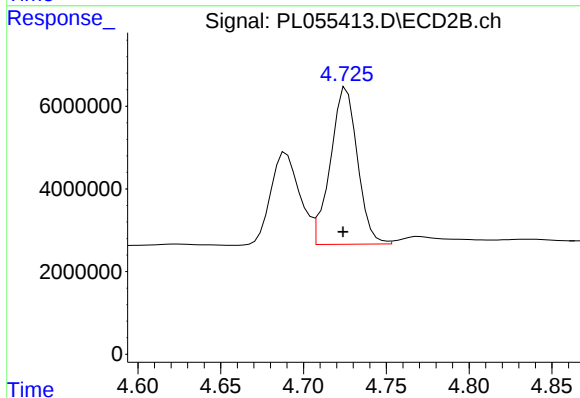
#3 gamma-BHC (Lindane)

R.T.: 4.266 min
Delta R.T.: 0.003 min
Response: 146204447
Conc: 8.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR31-48MSD

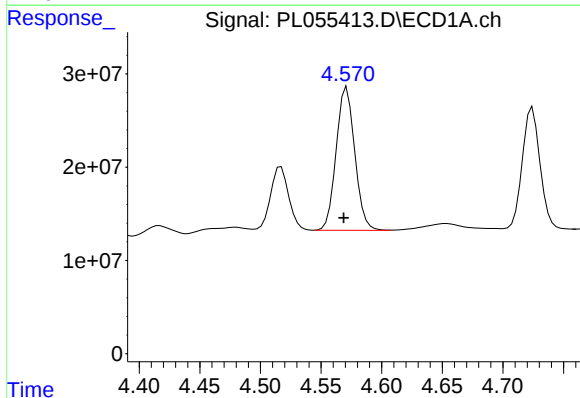
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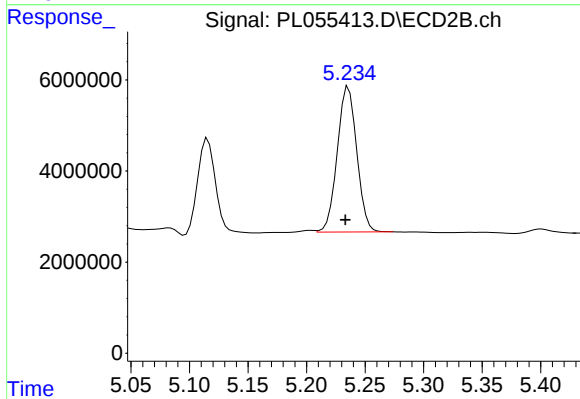
#3 gamma-BHC (Lindane)

R.T.: 4.726 min
Delta R.T.: 0.002 min
Response: 43158116
Conc: 12.62 ng/ml



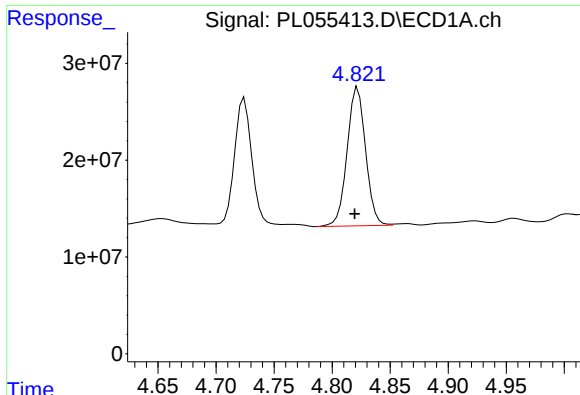
#4 Heptachlor

R.T.: 4.571 min
Delta R.T.: 0.003 min
Response: 163639733
Conc: 10.02 ng/ml



#4 Heptachlor

R.T.: 5.236 min
Delta R.T.: 0.003 min
Response: 37013882
Conc: 11.76 ng/ml



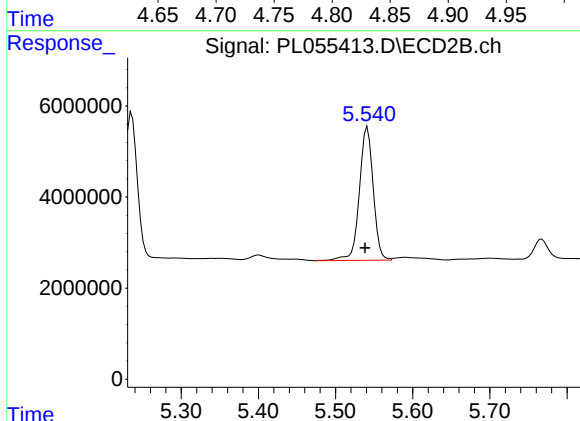
#5 Aldrin

R.T.: 4.822 min
Delta R.T.: 0.003 min
Response: 158183490
Conc: 10.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR31-48MSD

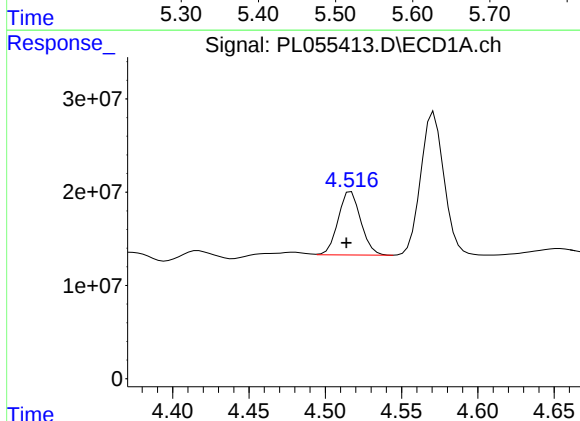
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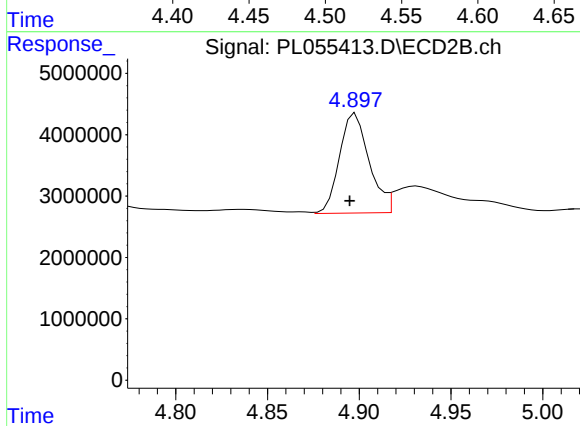
#5 Aldrin

R.T.: 5.541 min
Delta R.T.: 0.003 min
Response: 36654620
Conc: 12.73 ng/ml



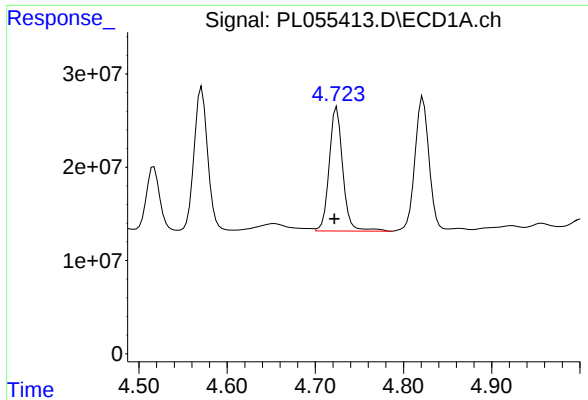
#6 beta-BHC

R.T.: 4.517 min
Delta R.T.: 0.003 min
Response: 69981668
Conc: 10.21 ng/ml



#6 beta-BHC

R.T.: 4.898 min
Delta R.T.: 0.003 min
Response: 18214645
Conc: 11.09 ng/ml



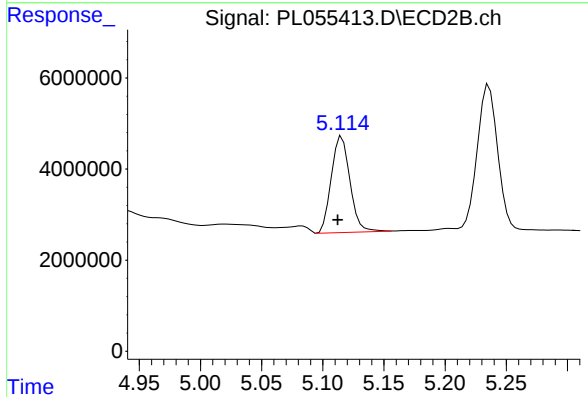
#7 delta-BHC

R.T.: 4.724 min
Delta R.T.: 0.003 min
Response: 142101028
Conc: 9.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR31-48MSD

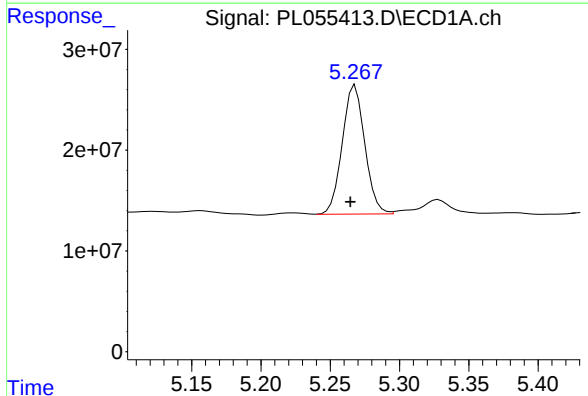
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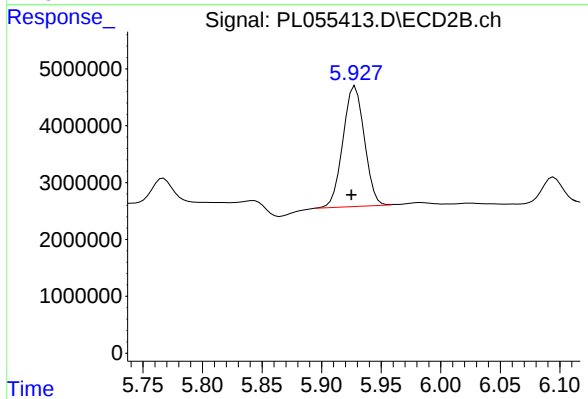
#7 delta-BHC

R.T.: 5.114 min
Delta R.T.: 0.002 min
Response: 22470590
Conc: 8.04 ng/ml m



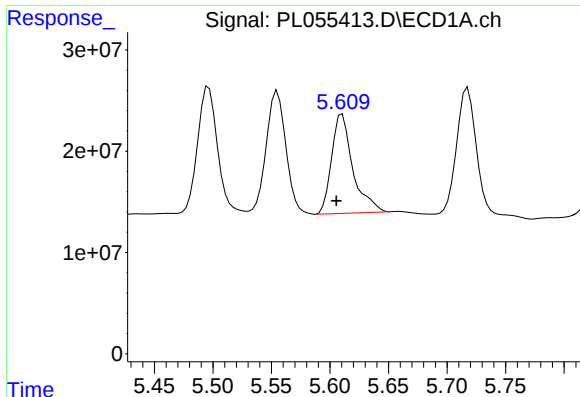
#8 Heptachlor epoxide

R.T.: 5.268 min
Delta R.T.: 0.003 min
Response: 145097876
Conc: 10.15 ng/ml



#8 Heptachlor epoxide

R.T.: 5.927 min
Delta R.T.: 0.002 min
Response: 26549777
Conc: 10.42 ng/ml m



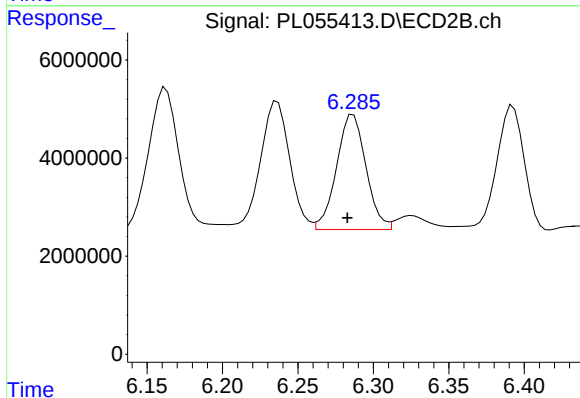
#9 Endosulfan I

R.T.: 5.610 min
Delta R.T.: 0.005 min
Response: 123993903
Conc: 9.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR31-48MSD

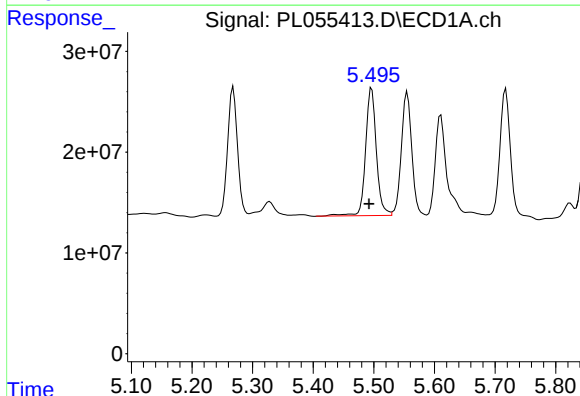
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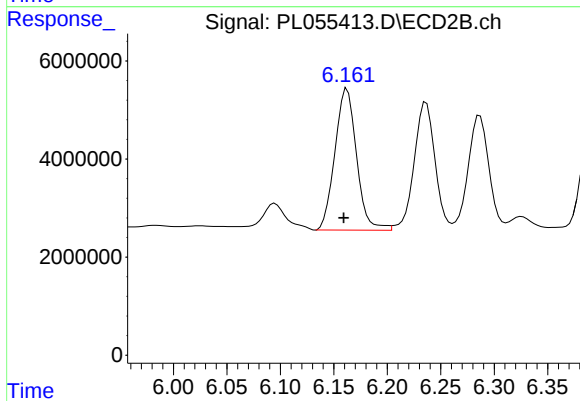
#9 Endosulfan I

R.T.: 6.287 min
Delta R.T.: 0.004 min
Response: 31833595
Conc: 12.85 ng/ml



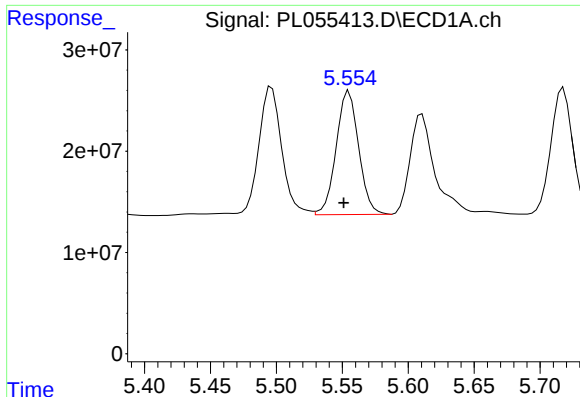
#10 gamma-Chlordane

R.T.: 5.496 min
Delta R.T.: 0.004 min
Response: 157322592
Conc: 10.80 ng/ml



#10 gamma-Chlordane

R.T.: 6.162 min
Delta R.T.: 0.003 min
Response: 40676058
Conc: 15.33 ng/ml



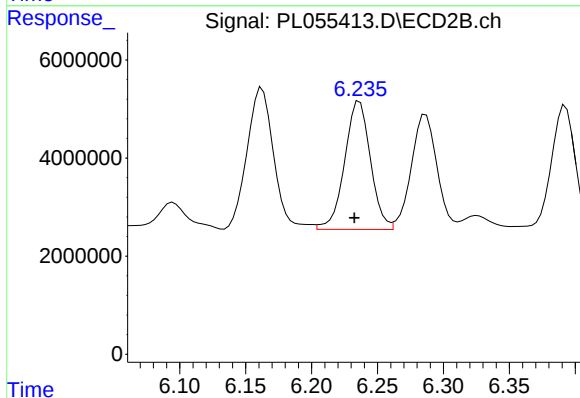
#11 alpha-Chlordane

R.T.: 5.555 min
Delta R.T.: 0.004 min
Response: 144826361
Conc: 10.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR31-48MSD

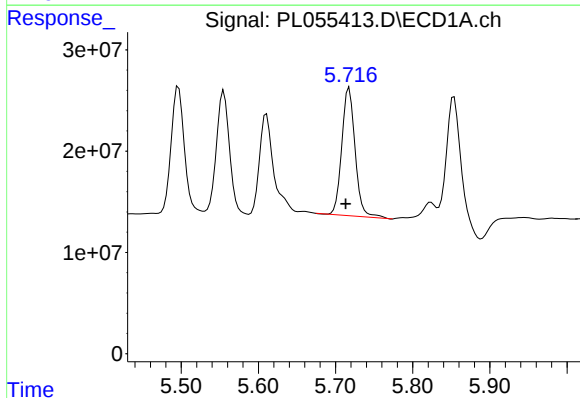
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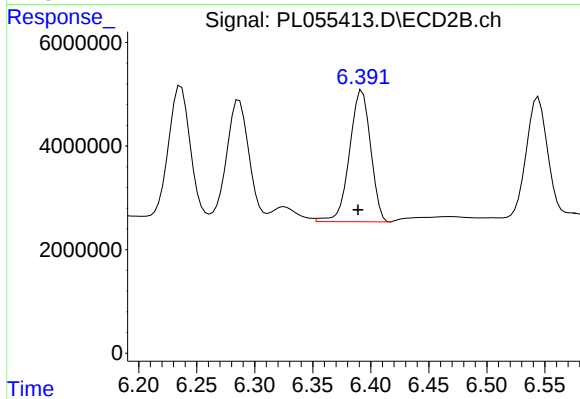
#11 alpha-Chlordane

R.T.: 6.236 min
Delta R.T.: 0.004 min
Response: 35575249
Conc: 13.57 ng/ml



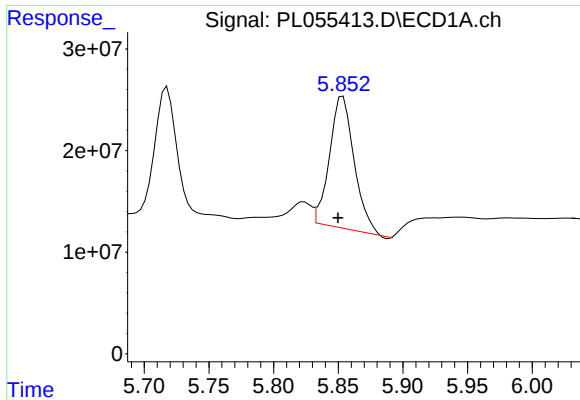
#12 4,4'-DDE

R.T.: 5.718 min
Delta R.T.: 0.004 min
Response: 151813333
Conc: 11.39 ng/ml



#12 4,4'-DDE

R.T.: 6.393 min
Delta R.T.: 0.004 min
Response: 32177689
Conc: 13.20 ng/ml



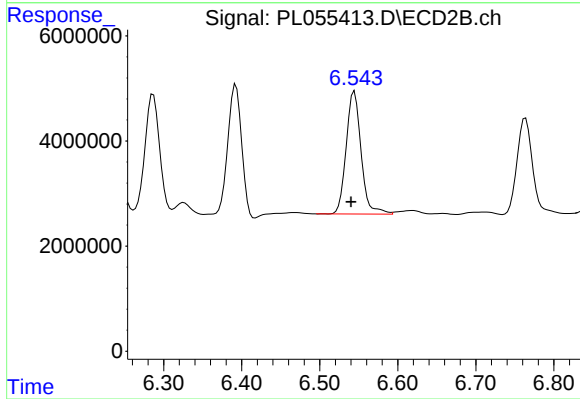
#13 Dieldrin

R.T.: 5.854 min
Delta R.T.: 0.004 min
Response: 170141313
Conc: 12.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR31-48MSD

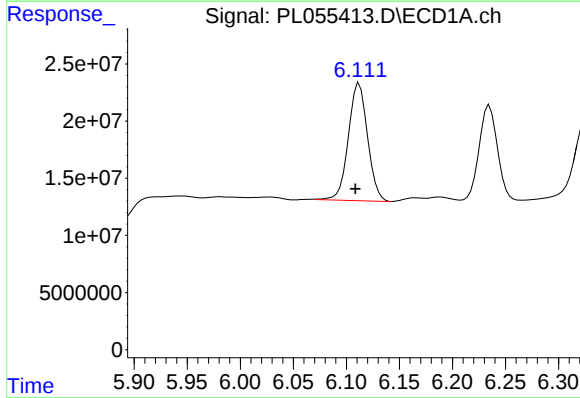
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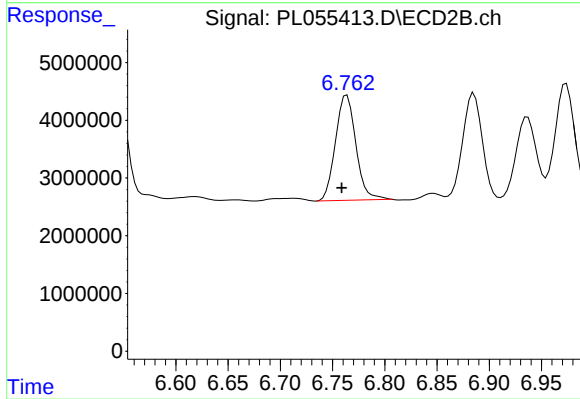
#13 Dieldrin

R.T.: 6.544 min
Delta R.T.: 0.004 min
Response: 31030783
Conc: 12.16 ng/ml



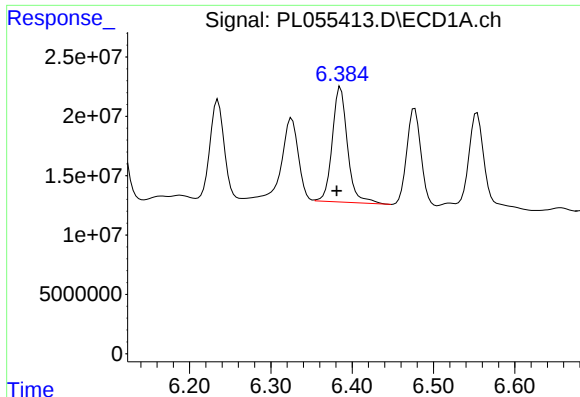
#14 Endrin

R.T.: 6.111 min
Delta R.T.: 0.002 min
Response: 129440215
Conc: 10.18 ng/ml m



#14 Endrin

R.T.: 6.764 min
Delta R.T.: 0.005 min
Response: 24754691
Conc: 11.54 ng/ml



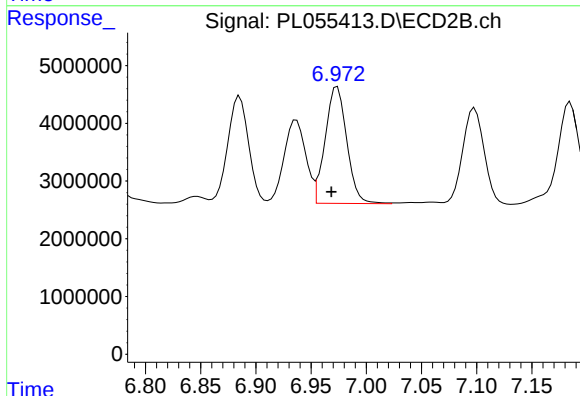
#15 Endosulfan II

R.T.: 6.386 min
Delta R.T.: 0.005 min
Response: 126590488
Conc: 10.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR31-48MSD

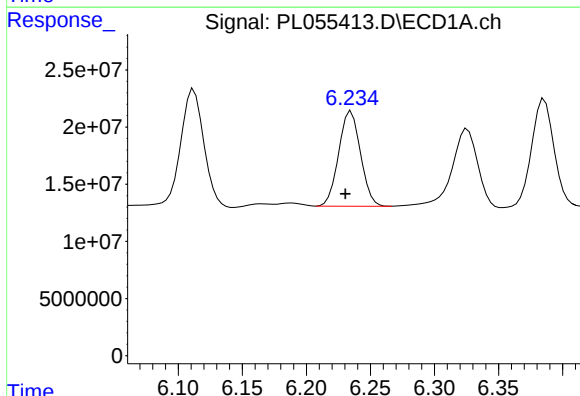
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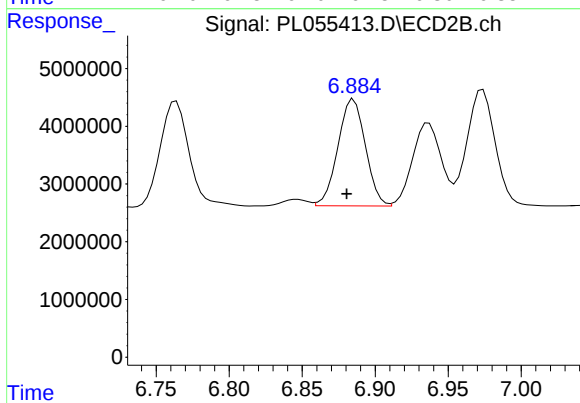
#15 Endosulfan II

R.T.: 6.974 min
Delta R.T.: 0.005 min
Response: 27524803
Conc: 11.61 ng/ml



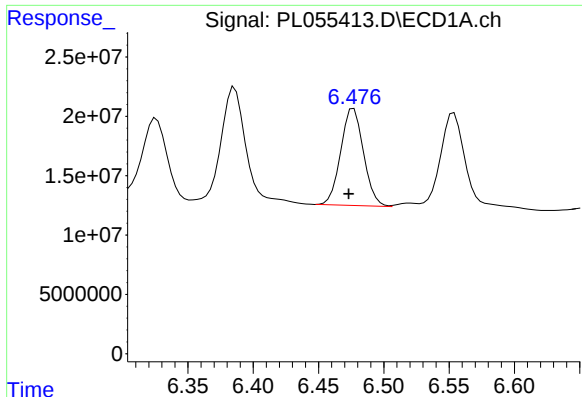
#16 4,4'-DDD

R.T.: 6.234 min
Delta R.T.: 0.003 min
Response: 98661003
Conc: 10.27 ng/ml m



#16 4,4'-DDD

R.T.: 6.885 min
Delta R.T.: 0.005 min
Response: 24226564
Conc: 12.74 ng/ml



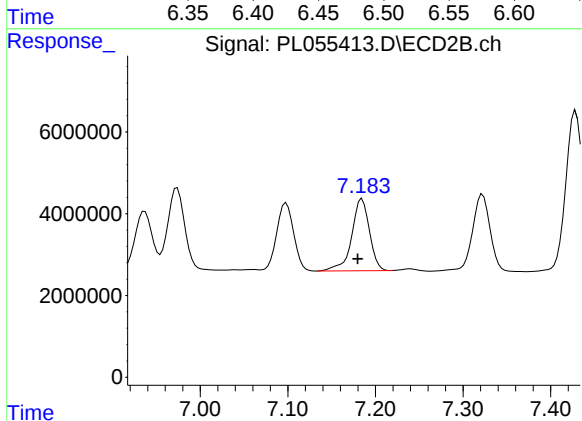
#17 4,4'-DDT

R.T.: 6.477 min
Delta R.T.: 0.004 min
Response: 99265780
Conc: 9.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR31-48MSD

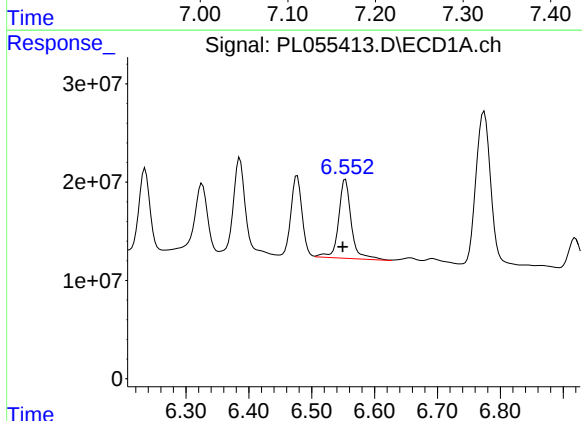
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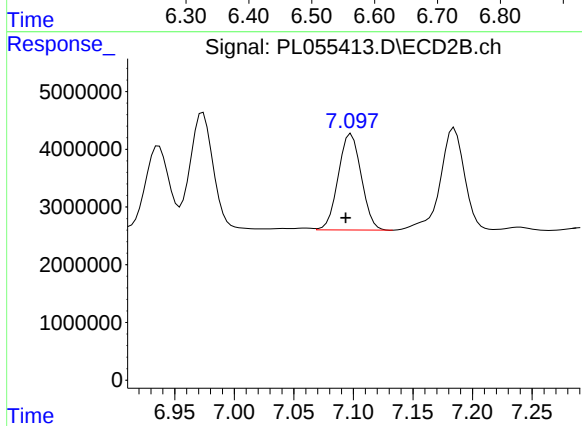
#17 4,4'-DDT

R.T.: 7.185 min
Delta R.T.: 0.005 min
Response: 24769459
Conc: 12.62 ng/ml



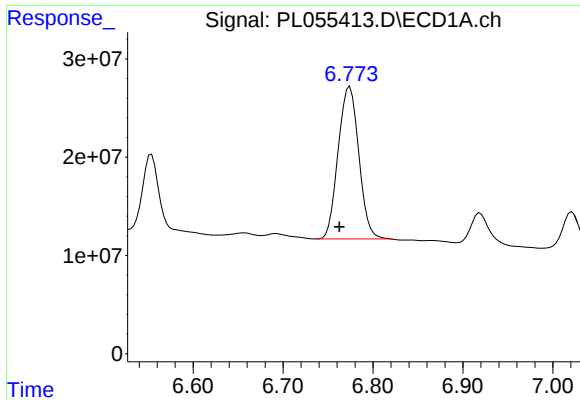
#18 Endrin aldehyde

R.T.: 6.554 min
Delta R.T.: 0.004 min
Response: 113415270
Conc: 11.65 ng/ml



#18 Endrin aldehyde

R.T.: 7.098 min
Delta R.T.: 0.005 min
Response: 22421310
Conc: 11.62 ng/ml



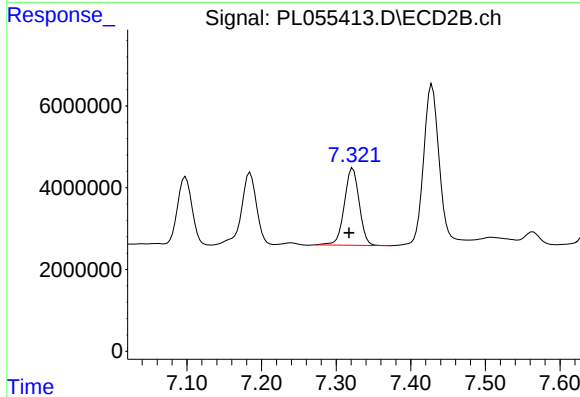
#19 Endosulfan Sulfate

R.T.: 6.774 min
Delta R.T.: 0.011 min
Response: 246740339
Conc: 24.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR31-48MSD

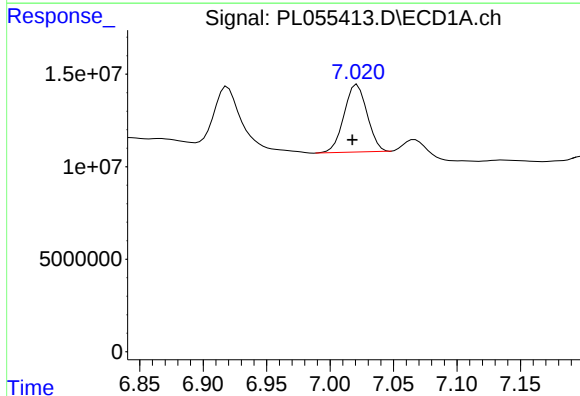
Manual Integrations
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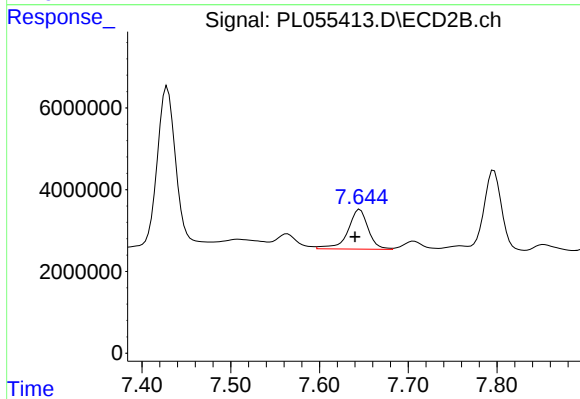
#19 Endosulfan Sulfate

R.T.: 7.322 min
Delta R.T.: 0.005 min
Response: 26117235
Conc: 12.50 ng/ml



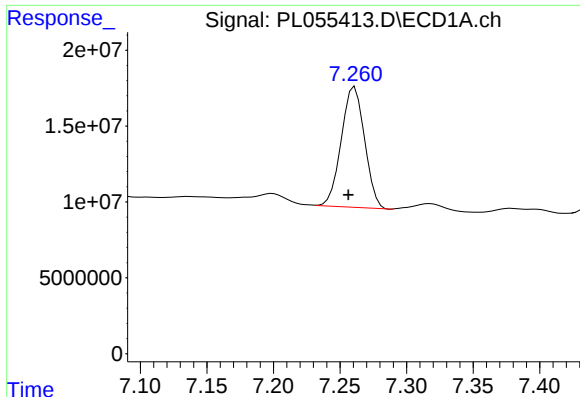
#20 Methoxychlor

R.T.: 7.021 min
Delta R.T.: 0.004 min
Response: 46084154
Conc: 9.56 ng/ml



#20 Methoxychlor

R.T.: 7.646 min
Delta R.T.: 0.005 min
Response: 15446677
Conc: 14.31 ng/ml



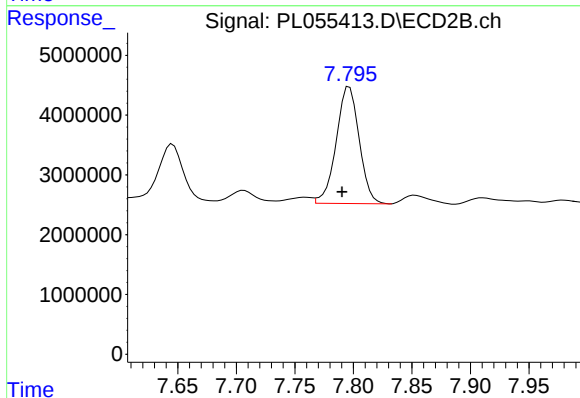
#21 Endrin ketone

R.T.: 7.261 min
Delta R.T.: 0.005 min
Response: 96773778
Conc: 9.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR31-48MSD

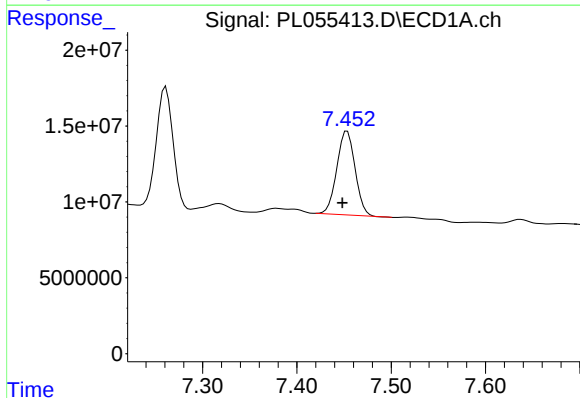
Manual Integrations
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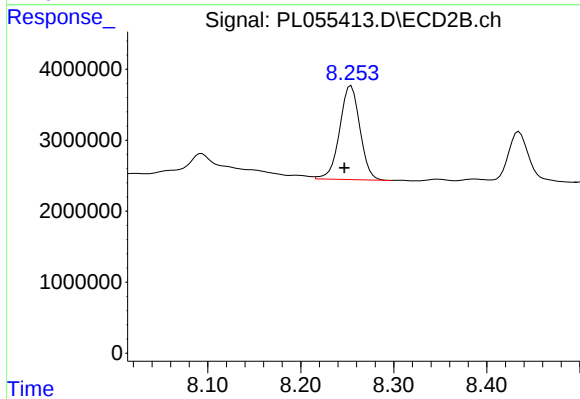
#21 Endrin ketone

R.T.: 7.797 min
Delta R.T.: 0.006 min
Response: 26681145
Conc: 11.98 ng/ml



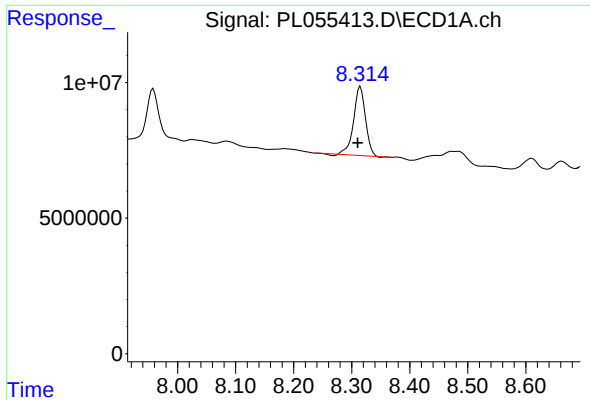
#22 Mirex

R.T.: 7.453 min
Delta R.T.: 0.005 min
Response: 73893030
Conc: 9.70 ng/ml



#22 Mirex

R.T.: 8.254 min
Delta R.T.: 0.007 min
Response: 20069491
Conc: 12.10 ng/ml



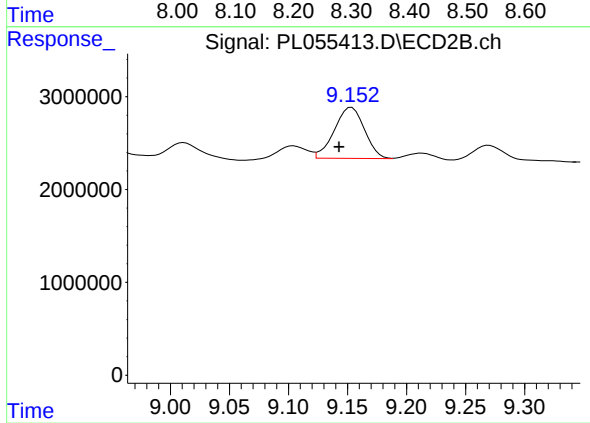
#28 Decachlorobiphenyl

R.T.: 8.315 min
Delta R.T.: 0.005 min
Response: 35919273
Conc: 3.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR31-48MSD

Manual Integrations
APPROVED

mohammad
1/2/2020 12:36:07 PM



#28 Decachlorobiphenyl

R.T.: 9.152 min
Delta R.T.: 0.009 min
Response: 9728058
Conc: 4.41 ng/ml m