

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071523AL\
 Data File : FE043230.D
 Signal(s) : FID1B.ch
 Acq On : 14 Jul 2023 15:55
 Operator : YP\AJ
 Sample : 03607-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 14 22:32:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.928	121580577	678.969 ug/ml
Spiked Amount 50.000		Recovery	= 1357.94%
12) S 1-chlorooctadecane (S...	13.347	41082175	312.661 ug/ml
Spiked Amount 50.000		Recovery	= 625.32%
Target Compounds			
6) T n-Tetradecane (C14)	8.596f	99981	0.632 ug/ml
8) T n-Octadecane (C18)	11.612	36261436	222.439 ug/ml
10) T n-Eicosane (C20)	12.884	95836575	616.834 ug/ml
11) T n-Heneicosane (C21)	13.494	54504665	359.760 ug/ml
13) T n-Docosane (C22)	14.104	28394573	189.994 ug/ml
14) T n-Tetracosane (C24)	15.197	5037040	34.298 ug/ml
15) T n-Hexacosane (C26)	16.254	177341	1.245 ug/ml
16) T n-Octacosane (C28)	17.149	284847	2.024 ug/ml
18) T n-Dotriacontane (C32)	18.879	315331	2.128 ug/ml
19) T n-Tetratriacontane (C34)	19.731f	275053	1.906 ug/ml
22) T n-Tetracontane (C40)	22.069	297803	2.018 ug/ml

(f)=RT Delta > 1/2 Window

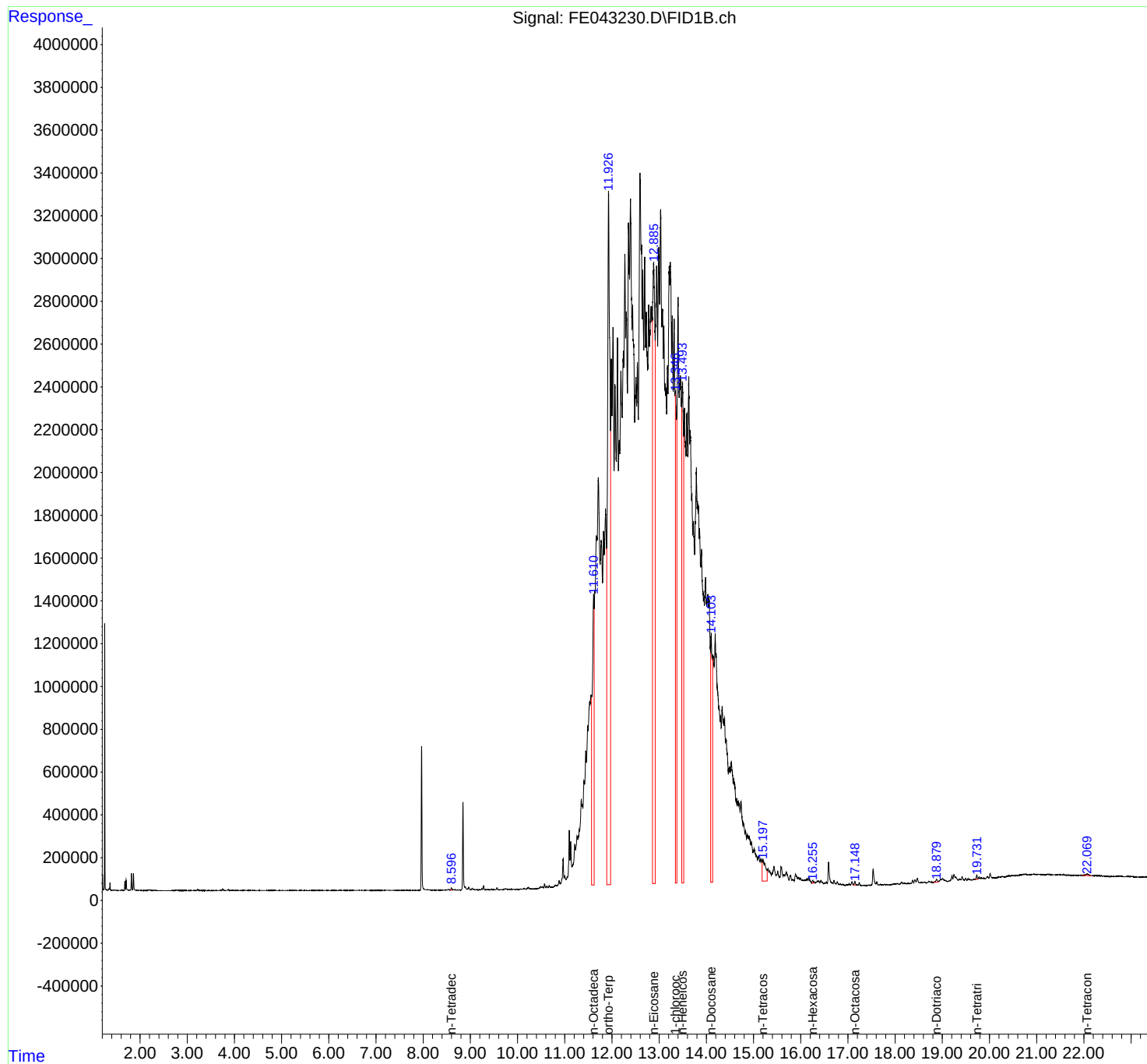
(m)=manual int.

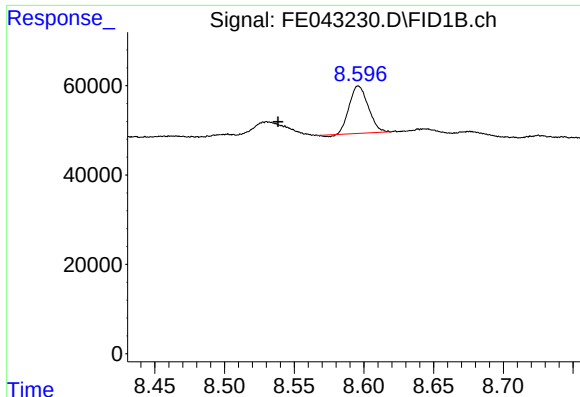
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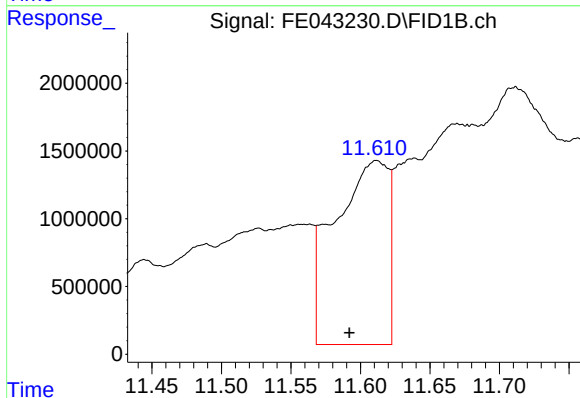




#6 n-Tetradecane (C14)

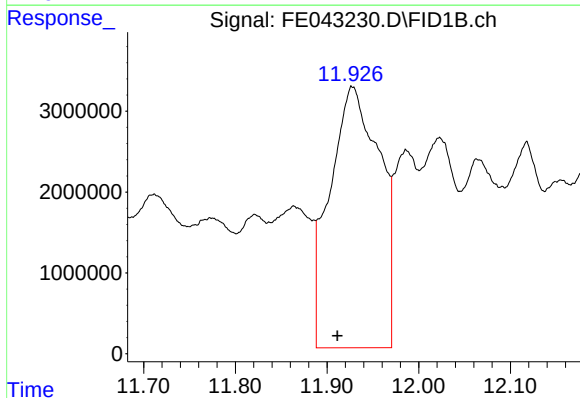
R.T.: 8.596 min
Delta R.T.: 0.058 min
Response: 99981
Conc: 0.63 ug/ml

Instrument :
FID_E
ClientSampleId :



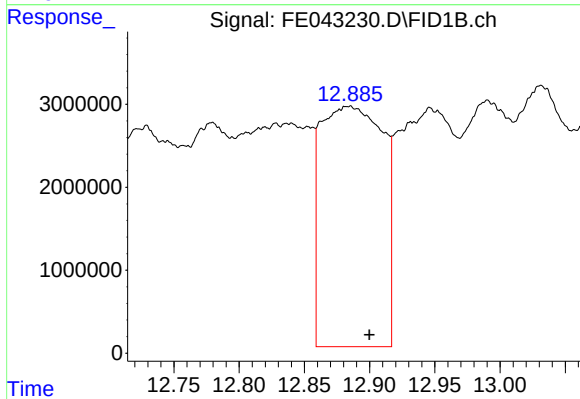
#8 n-Octadecane (C18)

R.T.: 11.612 min
Delta R.T.: 0.019 min
Response: 36261436
Conc: 222.44 ug/ml



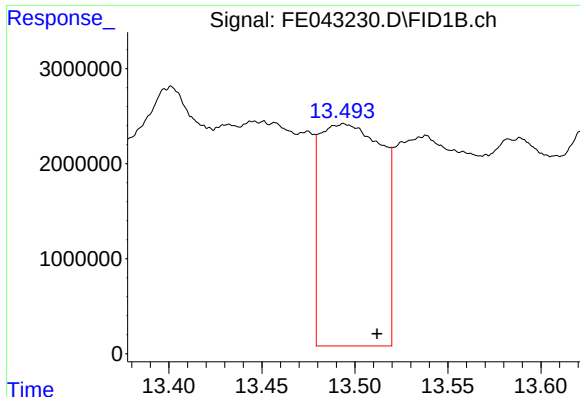
#9 ortho-Terphenyl (SURR)

R.T.: 11.928 min
Delta R.T.: 0.016 min
Response: 121580577
Conc: 678.97 ug/ml



#10 n-Eicosane (C20)

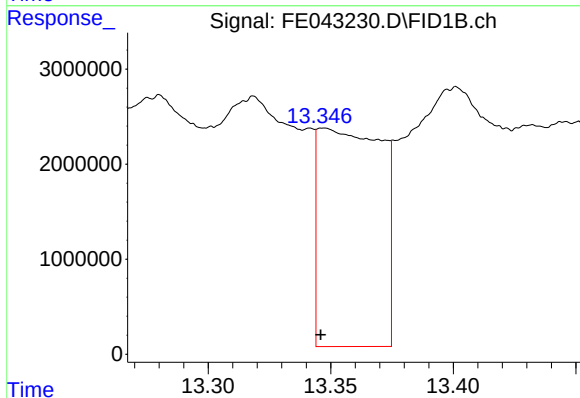
R.T.: 12.884 min
Delta R.T.: -0.015 min
Response: 95836575
Conc: 616.83 ug/ml



#11 n-Heneicosane (C21)

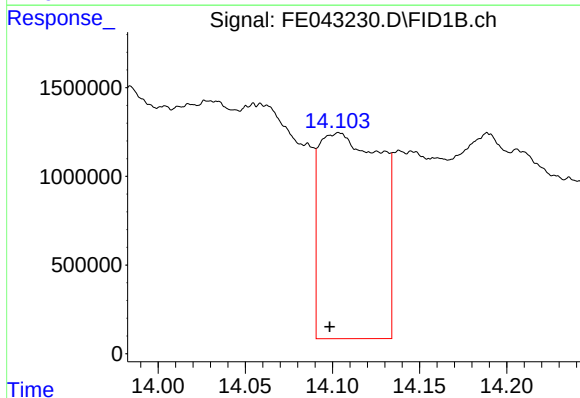
R.T.: 13.494 min
Delta R.T.: -0.018 min
Response: 54504665
Conc: 359.76 ug/ml

Instrument :
FID_E
ClientSampleId :



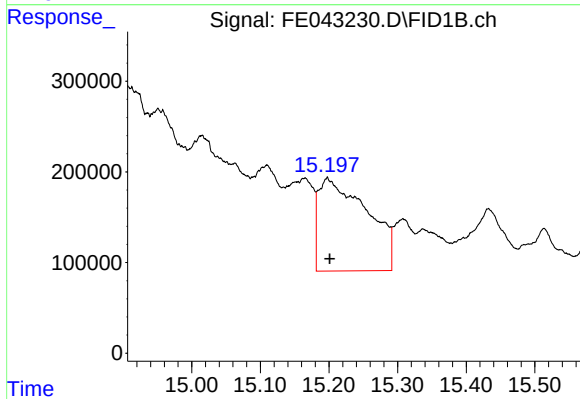
#12 1-chlorooctadecane (SURR)

R.T.: 13.347 min
Delta R.T.: 0.001 min
Response: 41082175
Conc: 312.66 ug/ml



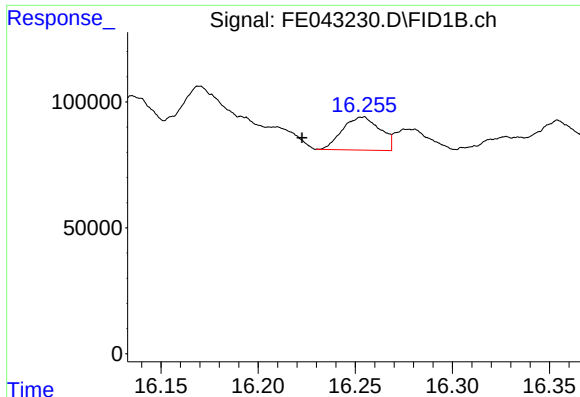
#13 n-Docosane (C22)

R.T.: 14.104 min
Delta R.T.: 0.005 min
Response: 28394573
Conc: 189.99 ug/ml



#14 n-Tetracosane (C24)

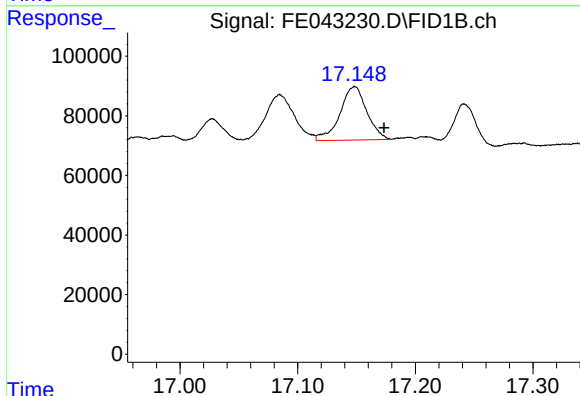
R.T.: 15.197 min
Delta R.T.: -0.004 min
Response: 5037040
Conc: 34.30 ug/ml



#15 n-Hexacosane (C26)

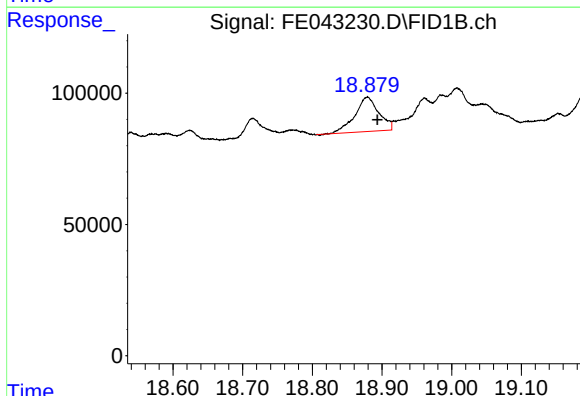
R.T.: 16.254 min
Delta R.T.: 0.031 min
Response: 177341
Conc: 1.25 ug/ml

Instrument :
FID_E
ClientSampleId :



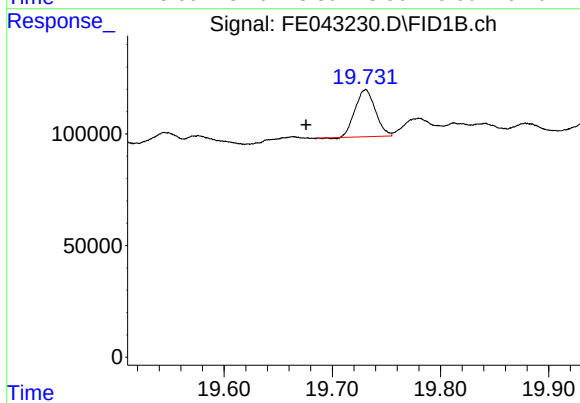
#16 n-Octacosane (C28)

R.T.: 17.149 min
Delta R.T.: -0.025 min
Response: 284847
Conc: 2.02 ug/ml



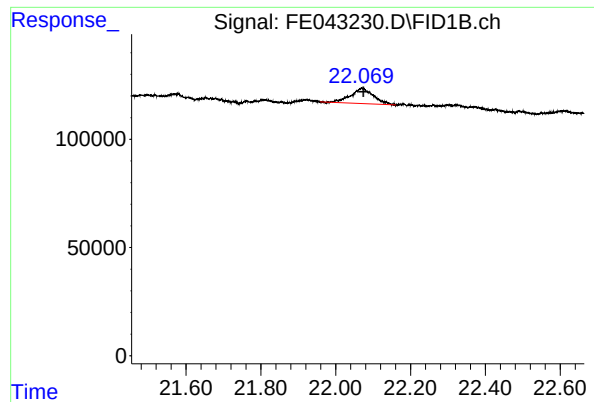
#18 n-Dotriacontane (C32)

R.T.: 18.879 min
Delta R.T.: -0.014 min
Response: 315331
Conc: 2.13 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.731 min
Delta R.T.: 0.055 min
Response: 275053
Conc: 1.91 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.069 min
Delta R.T.: -0.005 min
Response: 297803
Conc: 2.02 ug/ml

Instrument :

FID_E

ClientSampleId :