

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080824AL\
 Data File : FE049522.D
 Signal(s) : FID1B.ch
 Acq On : 08 Aug 2024 17:11
 Operator : YP\AJ
 Sample : P3509-01D
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 09 01:21:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 2024
 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)	11.891	4629800	29.850 ug/ml
Spiked Amount 50.000		Recovery =	59.70%
12) S 1-chlorooctadecane (S...	13.326	3715221	31.799 ug/ml
Spiked Amount 50.000		Recovery =	63.60%
Target Compounds			
6) T n-Tetradecane (C14)	8.523	77370	0.510 ug/ml
7) T n-Hexadecane (C16)	10.129	81044	0.534 ug/ml
8) T n-Octadecane (C18)	11.571	55823	0.368 ug/ml
10) T n-Eicosane (C20)	12.879	67845	0.469 ug/ml
11) T n-Heneicosane (C21)	13.547	218811	1.543 ug/ml
13) T n-Docosane (C22)	14.078	28746	0.205 ug/ml
14) T n-Tetracosane (C24)	15.166	142222	1.015 ug/ml
16) T n-Octacosane (C28)	17.164	35445	0.253 ug/ml
17) T n-Tricontane (C30)	18.032	132726	0.910 ug/ml
18) T n-Dotriacontane (C32)	18.862	137543	0.935 ug/ml
19) T n-Tetratriacontane (C34)	19.647	119562	0.819 ug/ml
20) T n-Hexatriacontane (C36)	20.384	95883	0.665 ug/ml
21) T n-Octatriacontane (C38)	21.114	69952	0.467 ug/ml

(f)=RT Delta > 1/2 Window

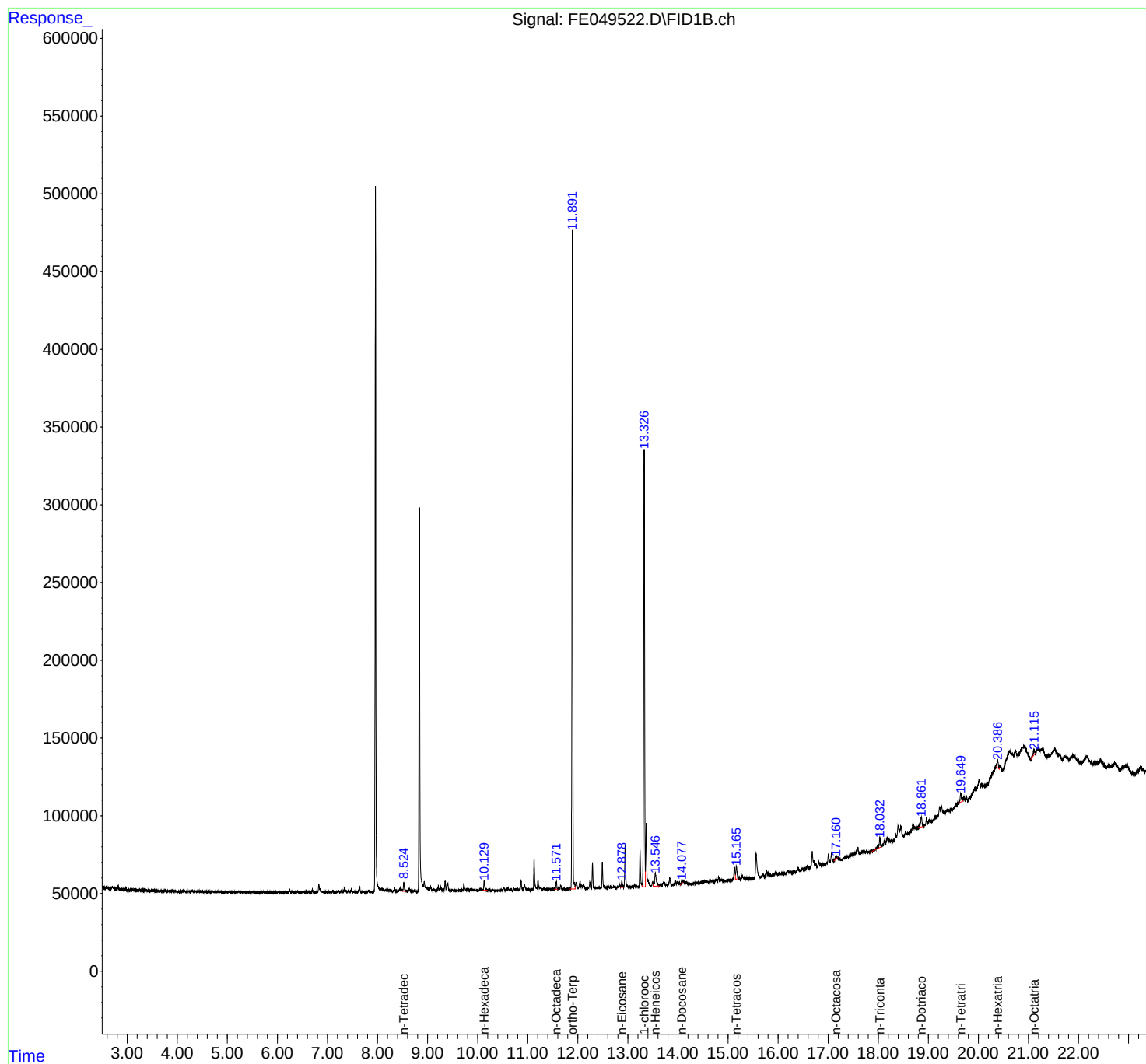
(m)=manual int.

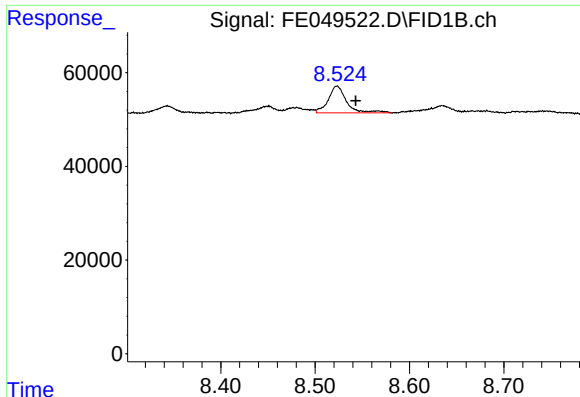
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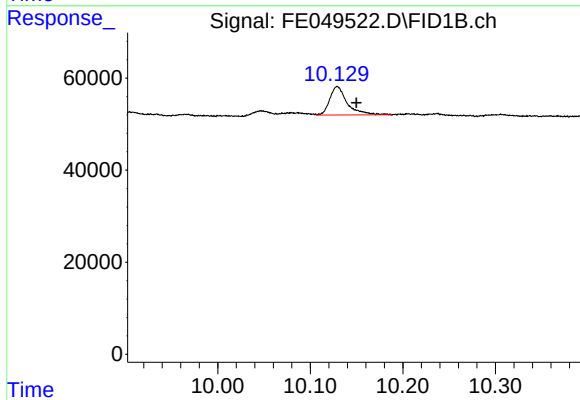




#6 n-Tetradecane (C14)

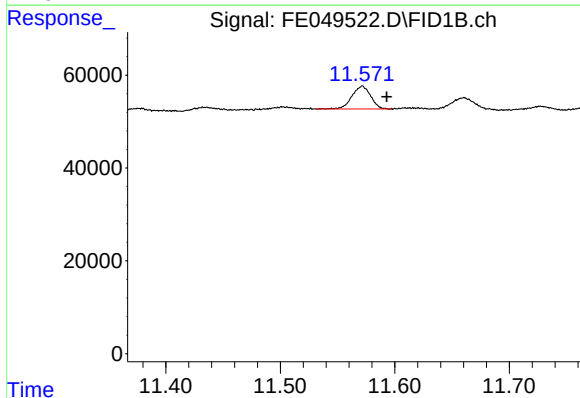
R.T.: 8.523 min
Delta R.T.: -0.020 min
Response: 77370
Conc: 0.51 ug/ml

Instrument :
FID_E
ClientSampleId :



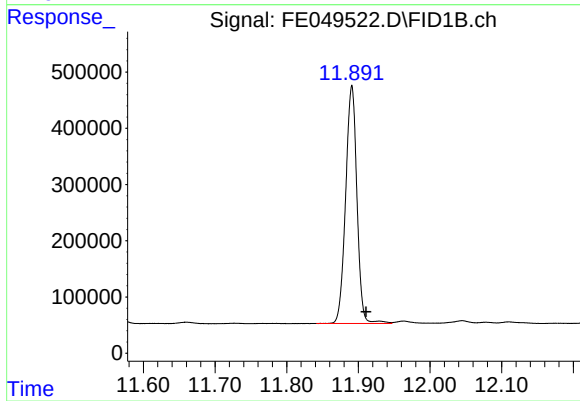
#7 n-Hexadecane (C16)

R.T.: 10.129 min
Delta R.T.: -0.021 min
Response: 81044
Conc: 0.53 ug/ml



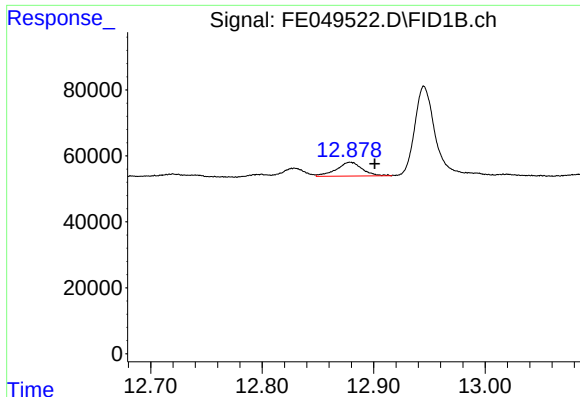
#8 n-Octadecane (C18)

R.T.: 11.571 min
Delta R.T.: -0.021 min
Response: 55823
Conc: 0.37 ug/ml



#9 ortho-Terphenyl (SURR)

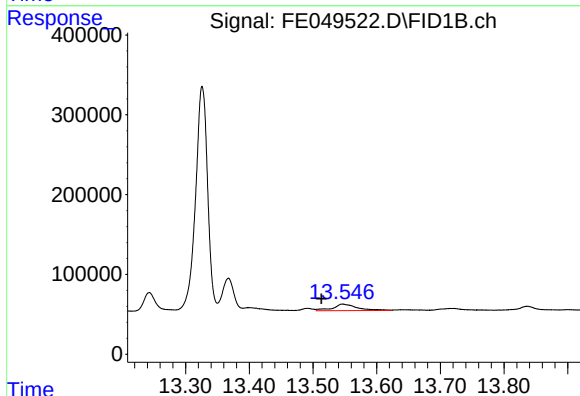
R.T.: 11.891 min
Delta R.T.: -0.020 min
Response: 4629800
Conc: 29.85 ug/ml



#10 n-Eicosane (C20)

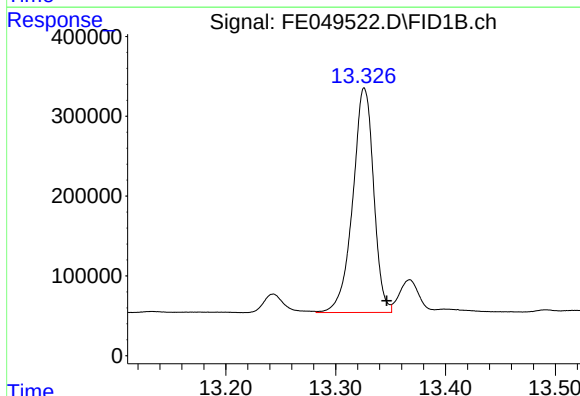
R.T.: 12.879 min
Delta R.T.: -0.022 min
Response: 67845
Conc: 0.47 ug/ml

Instrument :
FID_E
ClientSampleId :



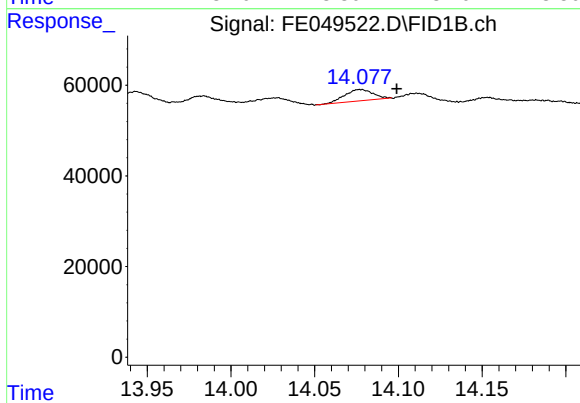
#11 n-Heneicosane (C21)

R.T.: 13.547 min
Delta R.T.: 0.034 min
Response: 218811
Conc: 1.54 ug/ml



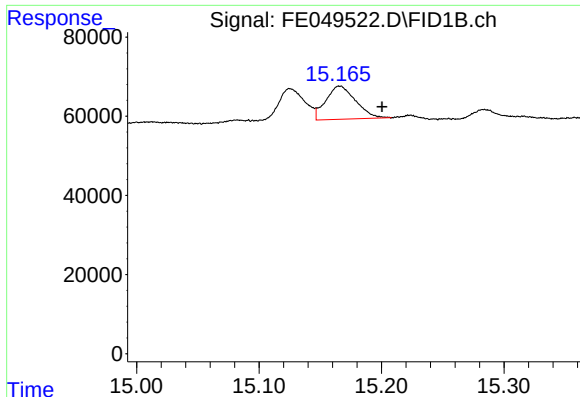
#12 1-chlorooctadecane (SURR)

R.T.: 13.326 min
Delta R.T.: -0.020 min
Response: 3715221
Conc: 31.80 ug/ml



#13 n-Docosane (C22)

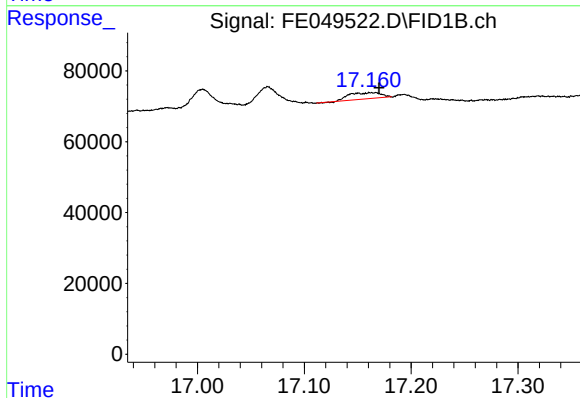
R.T.: 14.078 min
Delta R.T.: -0.021 min
Response: 28746
Conc: 0.20 ug/ml



#14 n-Tetracosane (C24)

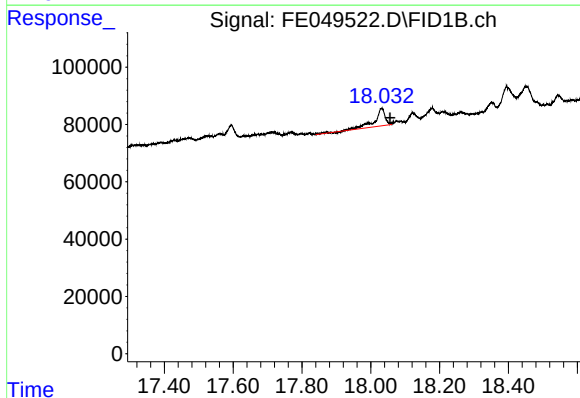
R.T.: 15.166 min
Delta R.T.: -0.034 min
Response: 142222
Conc: 1.01 ug/ml

Instrument :
FID_E
ClientSampleId :



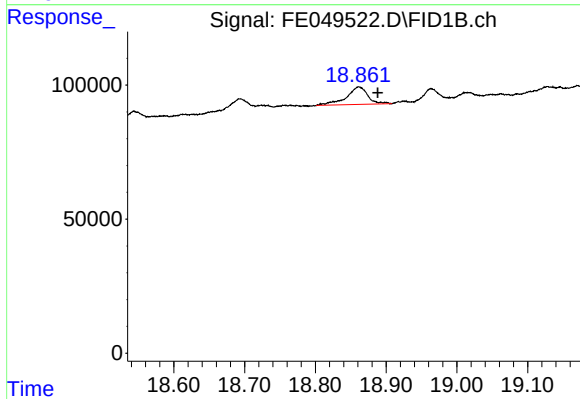
#16 n-Octacosane (C28)

R.T.: 17.164 min
Delta R.T.: -0.006 min
Response: 35445
Conc: 0.25 ug/ml



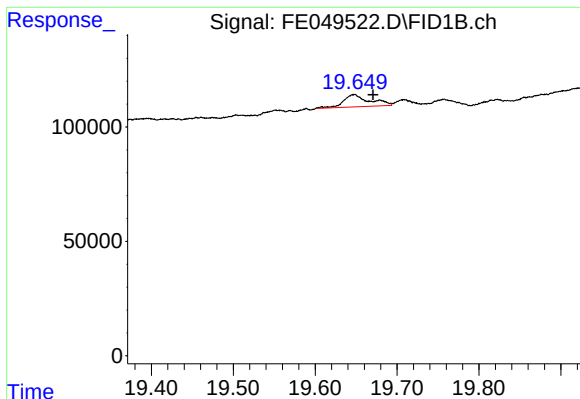
#17 n-Tricontane (C30)

R.T.: 18.032 min
Delta R.T.: -0.025 min
Response: 132726
Conc: 0.91 ug/ml



#18 n-Dotriacontane (C32)

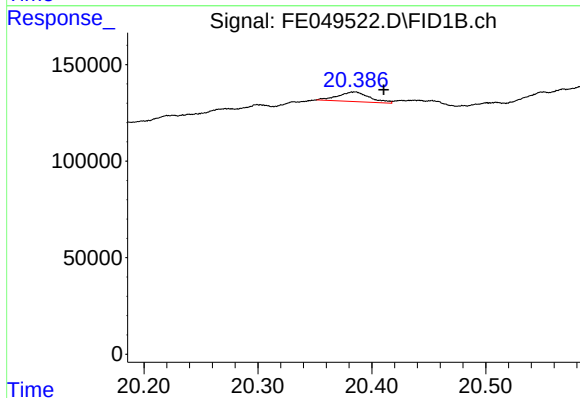
R.T.: 18.862 min
Delta R.T.: -0.026 min
Response: 137543
Conc: 0.94 ug/ml



#19 n-Tetratriacontane (C34)

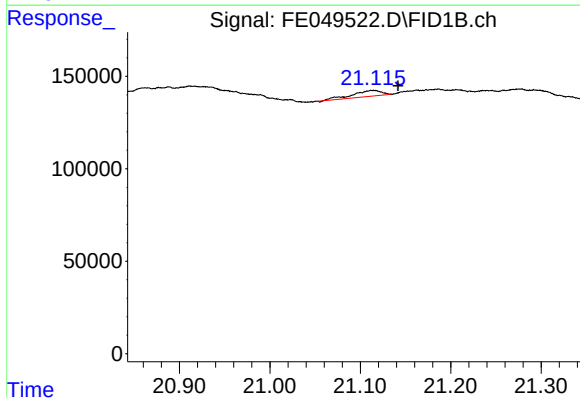
R.T.: 19.647 min
Delta R.T.: -0.024 min
Response: 119562
Conc: 0.82 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.384 min
Delta R.T.: -0.026 min
Response: 95883
Conc: 0.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.114 min
Delta R.T.: -0.028 min
Response: 69952
Conc: 0.47 ug/ml