

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081224AL\
 Data File : FE049570.D
 Signal(s) : FID1B.ch
 Acq On : 12 Aug 2024 19:06
 Operator : YP\AJ
 Sample : P3549-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 13 01:43:49 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)	11.888	4484385	28.912 ug/ml
Spiked Amount 50.000		Recovery =	57.82%
12) S 1-chlorooctadecane (S...	13.365	94208	0.806 ug/ml
Spiked Amount 50.000		Recovery =	1.61%
Target Compounds			
6) T n-Tetradecane (C14)	8.521	147901	0.974 ug/ml
7) T n-Hexadecane (C16)	10.127	398676	2.629 ug/ml
8) T n-Octadecane (C18)	11.568	616236	4.059 ug/ml
10) T n-Eicosane (C20)	12.877	487162	3.369 ug/ml
11) T n-Heneicosane (C21)	13.488	336780	2.375 ug/ml
13) T n-Docosane (C22)	14.073	202462	1.441 ug/ml
14) T n-Tetracosane (C24)	15.172	141054	1.006 ug/ml
15) T n-Hexacosane (C26)	16.197	153051	1.091 ug/ml
16) T n-Octacosane (C28)	17.163	207205	1.480 ug/ml
17) T n-Tricontane (C30)	18.077	73280	0.502 ug/ml
18) T n-Dotriacontane (C32)	18.862	193283	1.315 ug/ml
19) T n-Tetratriacontane (C34)	19.671	82058	0.562 ug/ml
20) T n-Hexatriacontane (C36)	20.384	79307	0.550 ug/ml

(f)=RT Delta > 1/2 Window

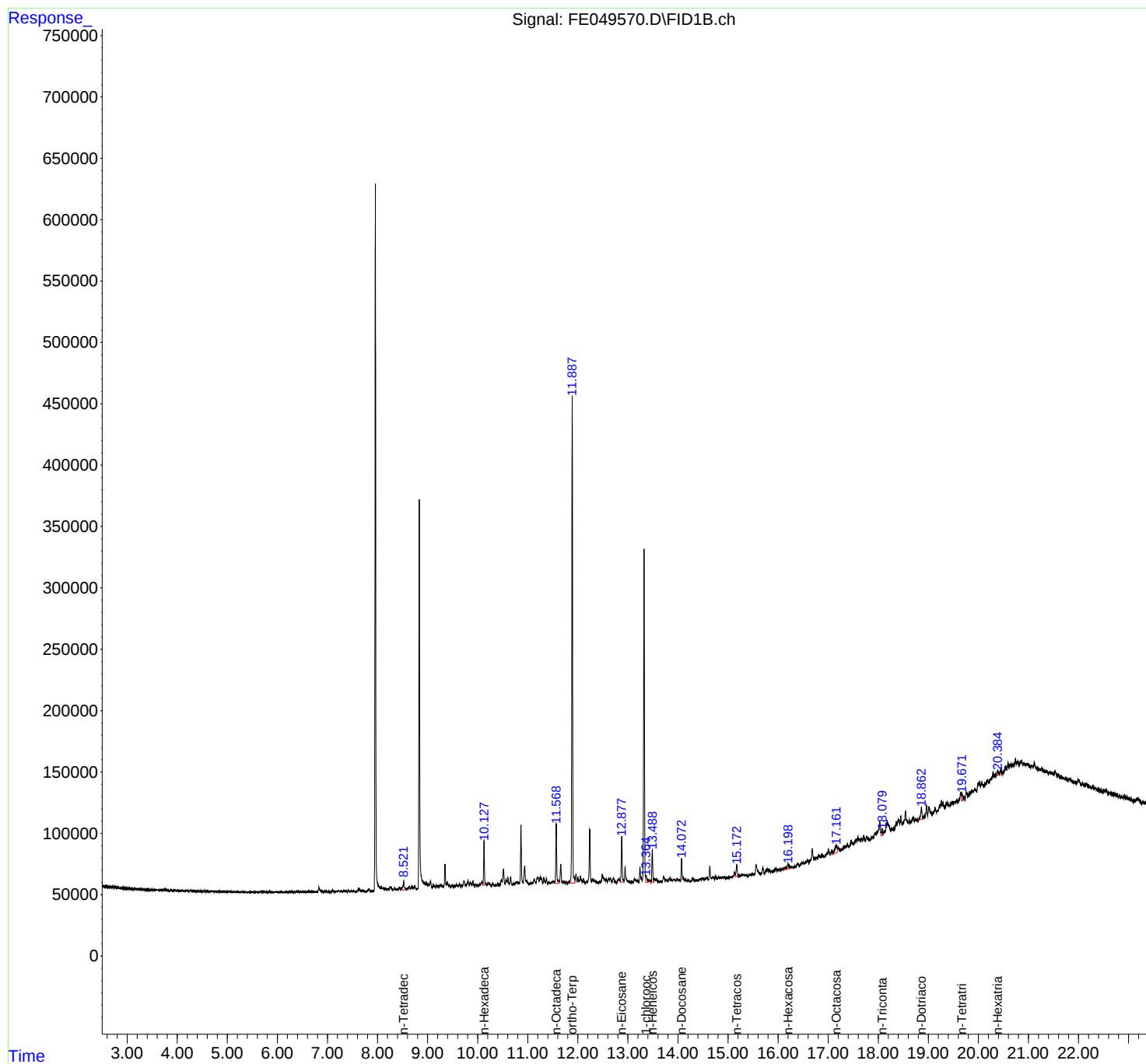
(m)=manual int.

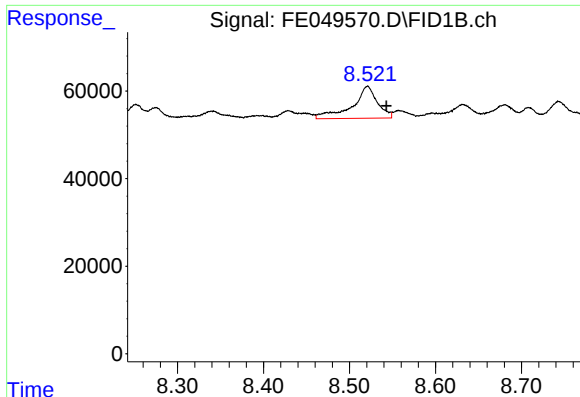
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081224AL\
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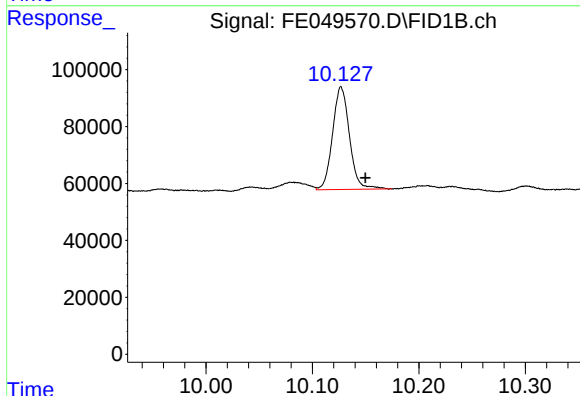




#6 n-Tetradecane (C14)

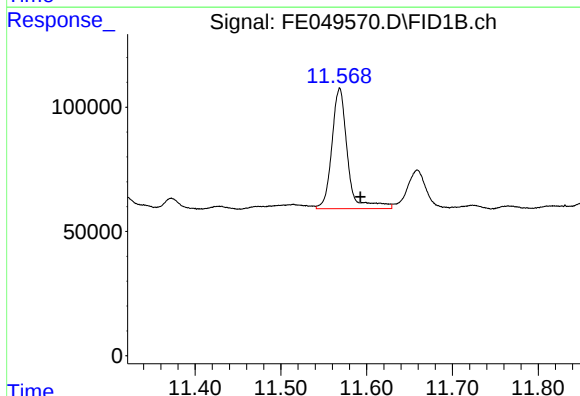
R.T.: 8.521 min
Delta R.T.: -0.022 min
Response: 147901
Conc: 0.97 ug/ml

Instrument :
FID_E
ClientSampleId :



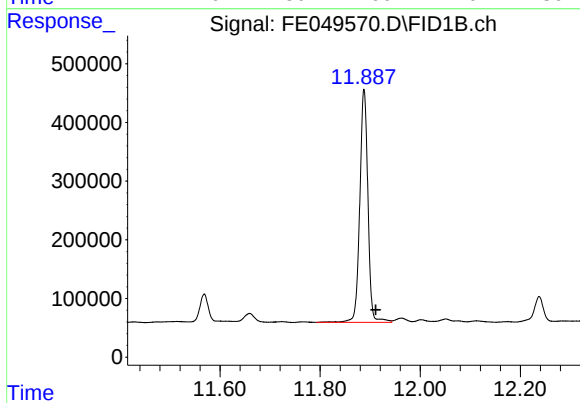
#7 n-Hexadecane (C16)

R.T.: 10.127 min
Delta R.T.: -0.023 min
Response: 398676
Conc: 2.63 ug/ml



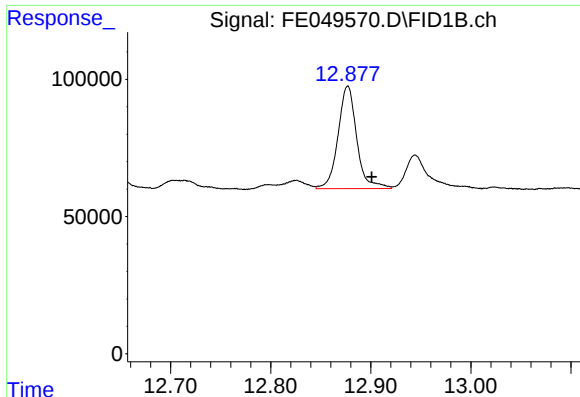
#8 n-Octadecane (C18)

R.T.: 11.568 min
Delta R.T.: -0.024 min
Response: 616236
Conc: 4.06 ug/ml



#9 ortho-Terphenyl (SURR)

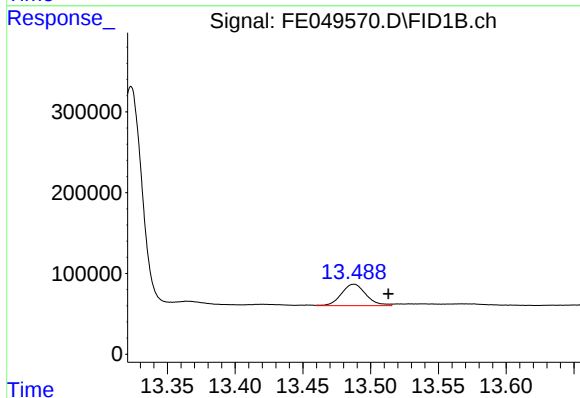
R.T.: 11.888 min
Delta R.T.: -0.023 min
Response: 4484385
Conc: 28.91 ug/ml



#10 n-Eicosane (C20)

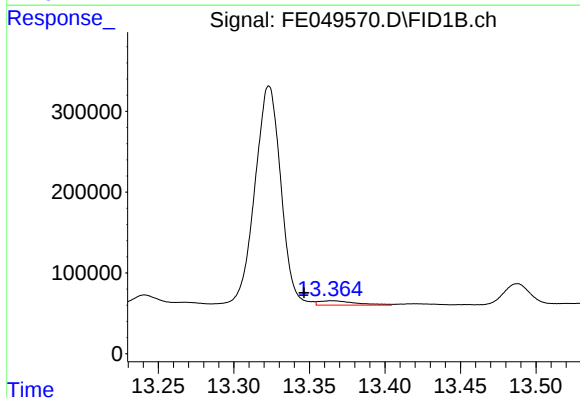
R.T.: 12.877 min
Delta R.T.: -0.024 min
Response: 487162
Conc: 3.37 ug/ml

Instrument :
FID_E
ClientSampleId :



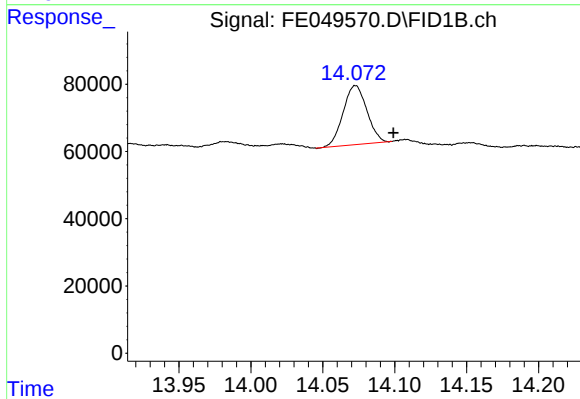
#11 n-Heneicosane (C21)

R.T.: 13.488 min
Delta R.T.: -0.025 min
Response: 336780
Conc: 2.37 ug/ml



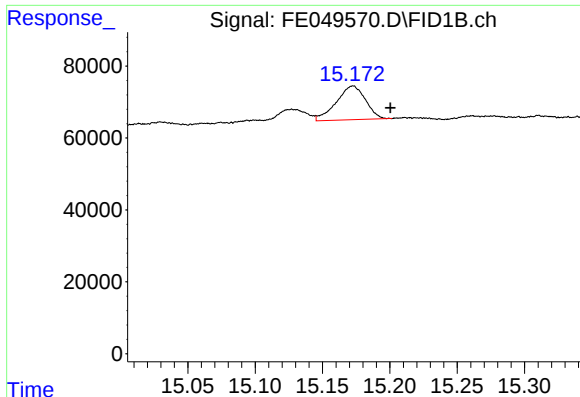
#12 1-chlorooctadecane (SURR)

R.T.: 13.365 min
Delta R.T.: 0.019 min
Response: 94208
Conc: 0.81 ug/ml



#13 n-Docosane (C22)

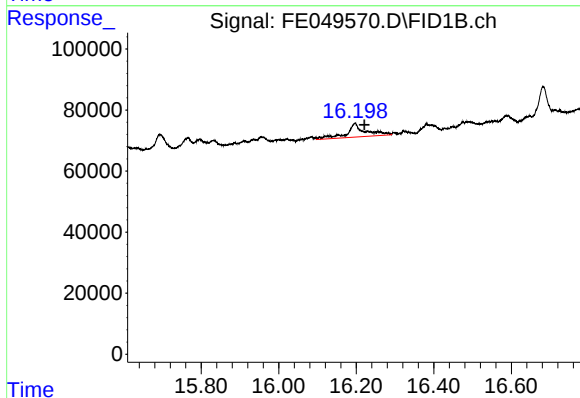
R.T.: 14.073 min
Delta R.T.: -0.026 min
Response: 202462
Conc: 1.44 ug/ml



#14 n-Tetracosane (C24)

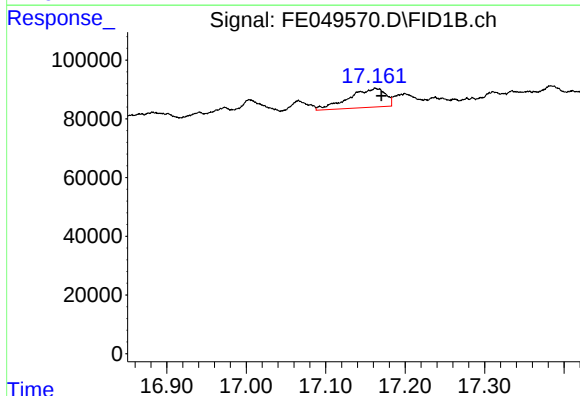
R.T.: 15.172 min
Delta R.T.: -0.028 min
Response: 141054
Conc: 1.01 ug/ml

Instrument :
FID_E
ClientSampleId :



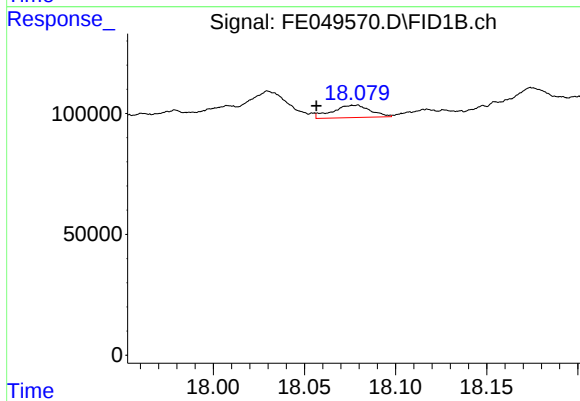
#15 n-Hexacosane (C26)

R.T.: 16.197 min
Delta R.T.: -0.024 min
Response: 153051
Conc: 1.09 ug/ml



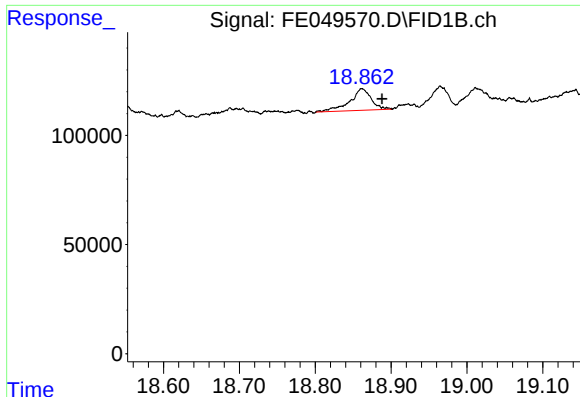
#16 n-Octacosane (C28)

R.T.: 17.163 min
Delta R.T.: -0.006 min
Response: 207205
Conc: 1.48 ug/ml



#17 n-Tricontane (C30)

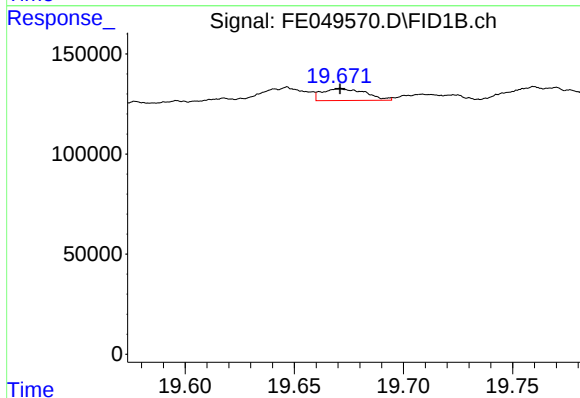
R.T.: 18.077 min
Delta R.T.: 0.020 min
Response: 73280
Conc: 0.50 ug/ml



#18 n-Dotriacontane (C32)

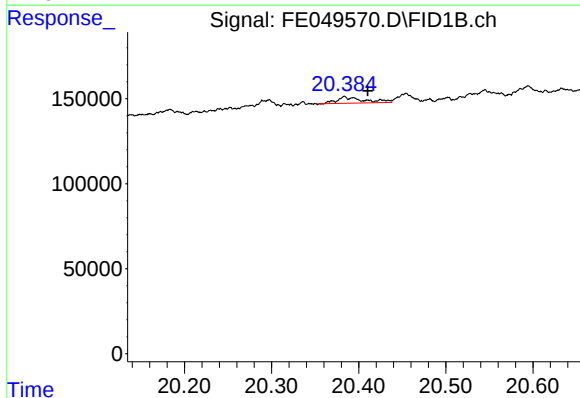
R.T.: 18.862 min
Delta R.T.: -0.026 min
Response: 193283
Conc: 1.31 ug/ml

Instrument :
FID_E
ClientSampleId :



#19 n-Tetatriacontane (C34)

R.T.: 19.671 min
Delta R.T.: 0.000 min
Response: 82058
Conc: 0.56 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.384 min
Delta R.T.: -0.027 min
Response: 79307
Conc: 0.55 ug/ml