

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080224AL\
 Data File : FE049389.D
 Signal(s) : FID1B.ch
 Acq On : 02 Aug 2024 09:10
 Operator : YP\AJ
 Sample : P3413-02DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 02 11:07:31 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)	11.898	1100032	7.092 ug/ml
Spiked Amount 50.000		Recovery =	14.18%
12) S 1-chlorooctadecane (S...	13.326	1716636	14.693 ug/ml
Spiked Amount 50.000		Recovery =	29.39%
Target Compounds			
6) T n-Tetradecane (C14)	8.531	212163	1.398 ug/ml
7) T n-Hexadecane (C16)	10.138	202712	1.337 ug/ml
8) T n-Octadecane (C18)	11.579	207481	1.367 ug/ml
10) T n-Eicosane (C20)	12.888	141207	0.976 ug/ml
11) T n-Heneicosane (C21)	13.501	143910	1.015 ug/ml
13) T n-Docosane (C22)	14.085	67949	0.484 ug/ml
14) T n-Tetracosane (C24)	15.185	101728	0.726 ug/ml
15) T n-Hexacosane (C26)	16.208	81517	0.581 ug/ml
16) T n-Octacosane (C28)	17.157	71604	0.512 ug/ml
17) T n-Tricontane (C30)	18.043	144402	0.990 ug/ml
18) T n-Dotriacontane (C32)	18.874	190591	1.296 ug/ml
19) T n-Tetratriacontane (C34)	19.660	150211	1.028 ug/ml
20) T n-Hexatriacontane (C36)	20.398	157721	1.094 ug/ml

(f)=RT Delta > 1/2 Window

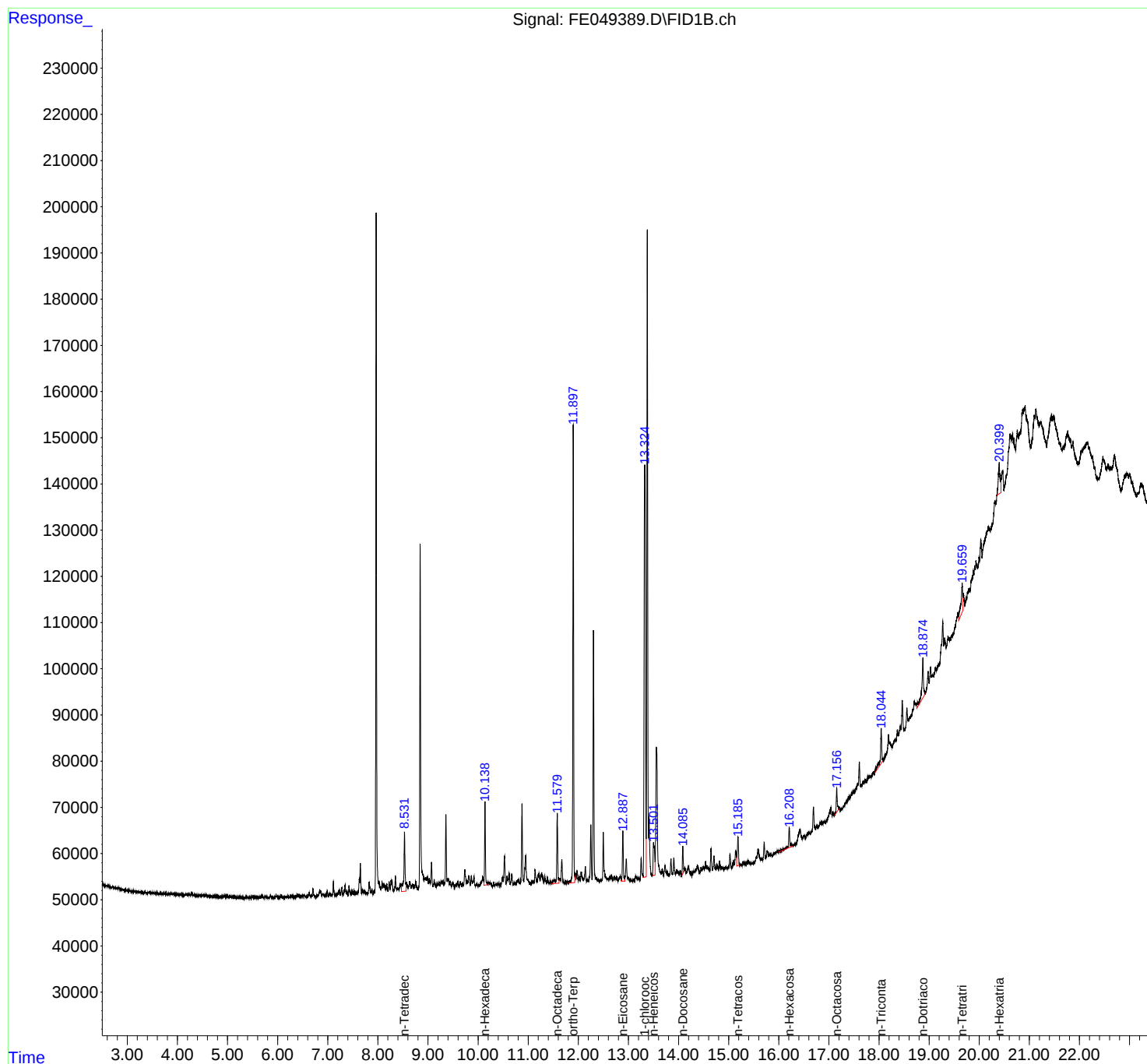
(m)=manual int.

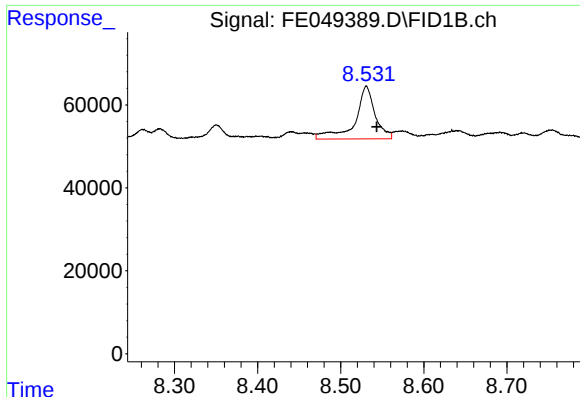
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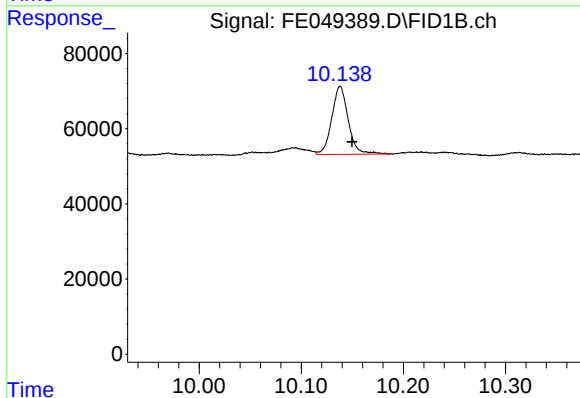




#6 n-Tetradecane (C14)

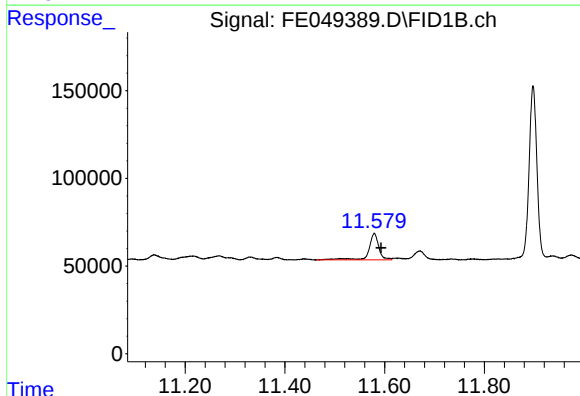
R.T.: 8.531 min
Delta R.T.: -0.012 min
Response: 212163
Conc: 1.40 ug/ml

Instrument :
FID_E
ClientSampleId :



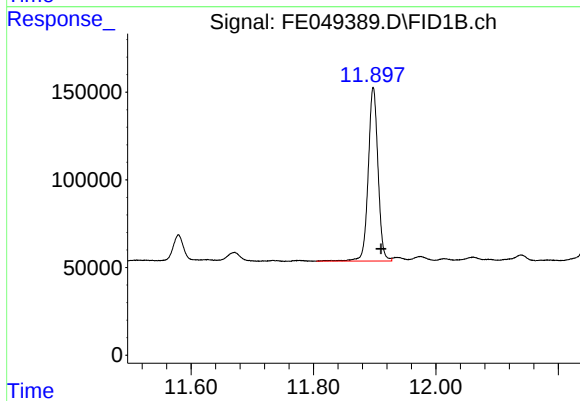
#7 n-Hexadecane (C16)

R.T.: 10.138 min
Delta R.T.: -0.012 min
Response: 202712
Conc: 1.34 ug/ml



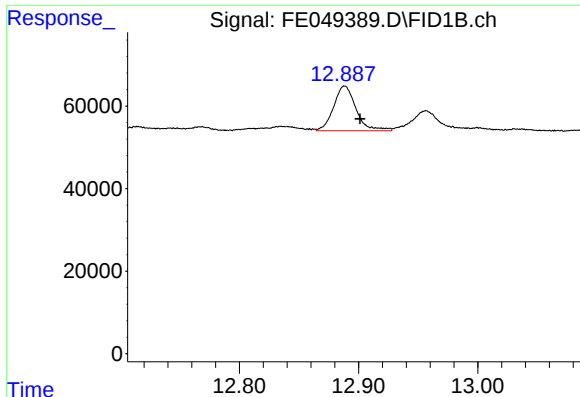
#8 n-Octadecane (C18)

R.T.: 11.579 min
Delta R.T.: -0.013 min
Response: 207481
Conc: 1.37 ug/ml



#9 ortho-Terphenyl (SURR)

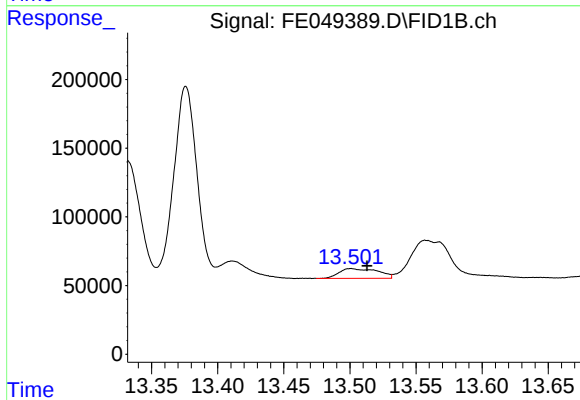
R.T.: 11.898 min
Delta R.T.: -0.013 min
Response: 1100032
Conc: 7.09 ug/ml



#10 n-Eicosane (C20)

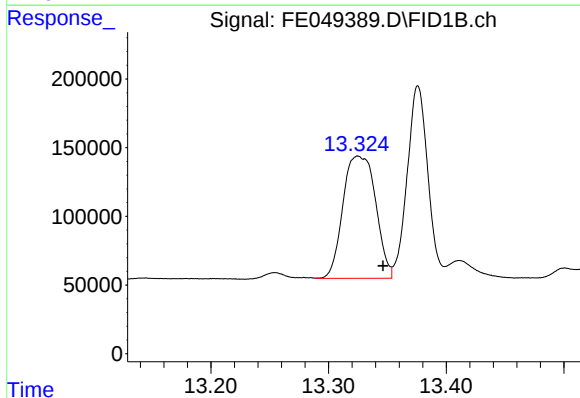
R.T.: 12.888 min
Delta R.T.: -0.013 min
Response: 141207
Conc: 0.98 ug/ml

Instrument :
FID_E
ClientSampleId :



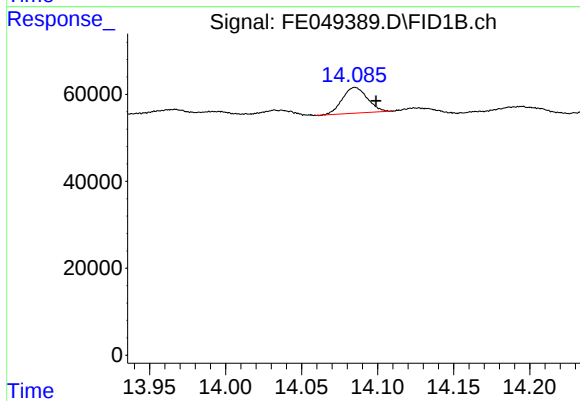
#11 n-Heneicosane (C21)

R.T.: 13.501 min
Delta R.T.: -0.012 min
Response: 143910
Conc: 1.01 ug/ml



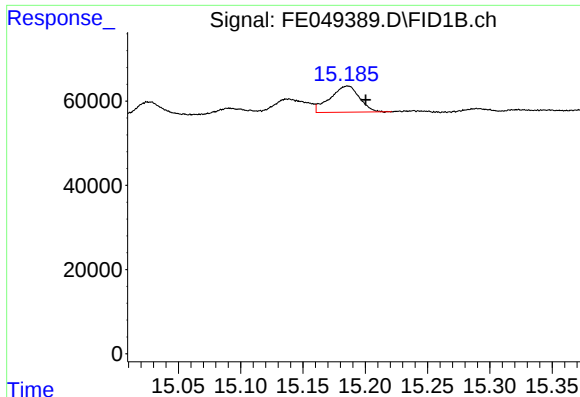
#12 1-chlorooctadecane (SURR)

R.T.: 13.326 min
Delta R.T.: -0.021 min
Response: 1716636
Conc: 14.69 ug/ml



#13 n-Docosane (C22)

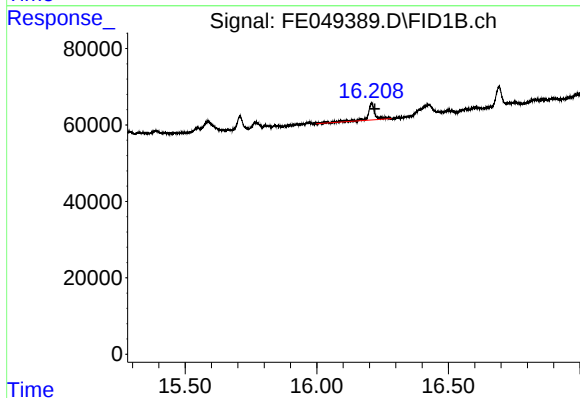
R.T.: 14.085 min
Delta R.T.: -0.014 min
Response: 67949
Conc: 0.48 ug/ml



#14 n-Tetracosane (C24)

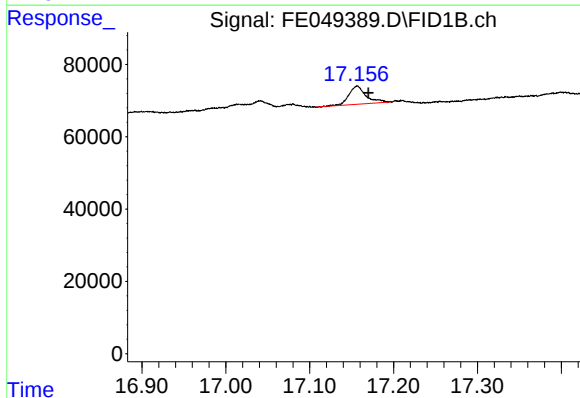
R.T.: 15.185 min
Delta R.T.: -0.015 min
Response: 101728
Conc: 0.73 ug/ml

Instrument :
FID_E
ClientSampleId :



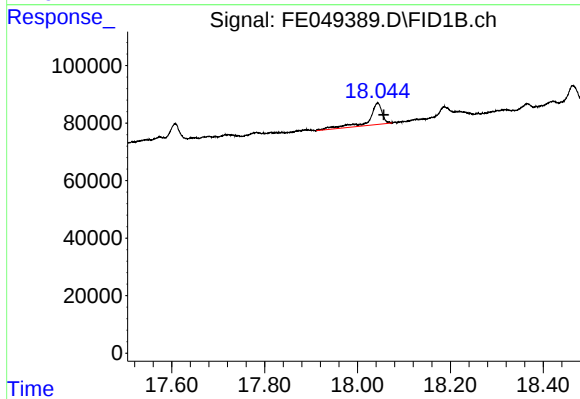
#15 n-Hexacosane (C26)

R.T.: 16.208 min
Delta R.T.: -0.013 min
Response: 81517
Conc: 0.58 ug/ml



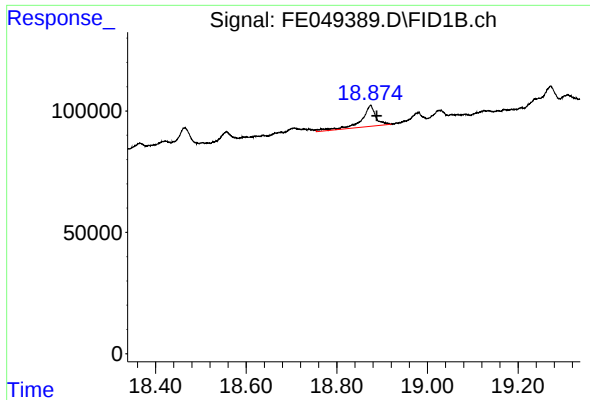
#16 n-Octacosane (C28)

R.T.: 17.157 min
Delta R.T.: -0.013 min
Response: 71604
Conc: 0.51 ug/ml



#17 n-Tricontane (C30)

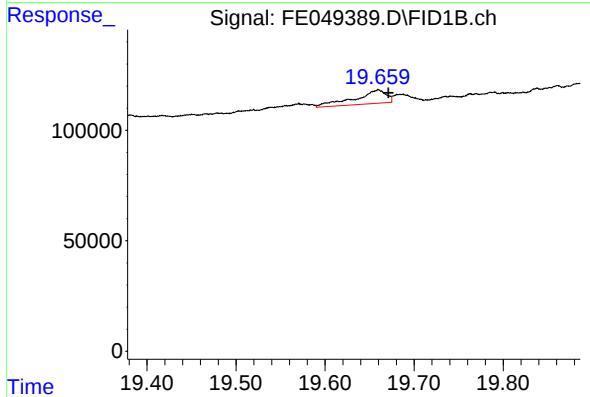
R.T.: 18.043 min
Delta R.T.: -0.013 min
Response: 144402
Conc: 0.99 ug/ml



#18 n-Dotriacontane (C32)

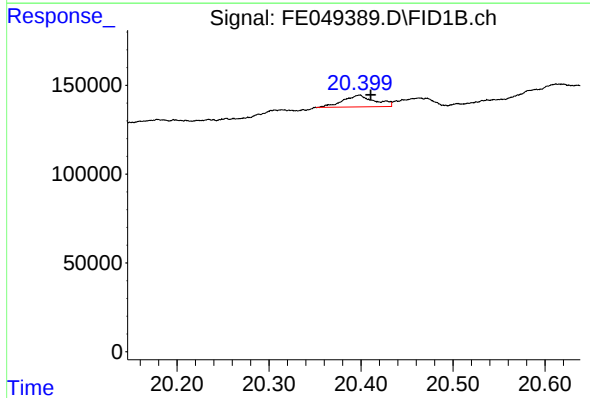
R.T.: 18.874 min
Delta R.T.: -0.014 min
Response: 190591
Conc: 1.30 ug/ml

Instrument :
FID_E
ClientSampleId :



#19 n-Tetratriacontane (C34)

R.T.: 19.660 min
Delta R.T.: -0.011 min
Response: 150211
Conc: 1.03 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.398 min
Delta R.T.: -0.013 min
Response: 157721
Conc: 1.09 ug/ml