

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070824AL\
 Data File : FE049009.D
 Signal(s) : FID1B.ch
 Acq On : 08 Jul 2024 10:12
 Operator : YP\AJ
 Sample : P3166-02DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 08 10:41:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.929	1166961	6.979 ug/ml
Spiked Amount 50.000		Recovery =	13.96%
12) S 1-chlorooctadecane (S...	13.365	933832	7.262 ug/ml
Spiked Amount 50.000		Recovery =	14.52%
Target Compounds			
6) T n-Tetradecane (C14)	8.560	53112	0.347 ug/ml
7) T n-Hexadecane (C16)	10.167	159932	1.023 ug/ml
8) T n-Octadecane (C18)	11.609	149897	0.940 ug/ml
10) T n-Eicosane (C20)	12.918	125060	0.807 ug/ml
11) T n-Heneicosane (C21)	13.531	83698	0.550 ug/ml
13) T n-Docosane (C22)	14.116	55599	0.368 ug/ml
16) T n-Octacosane (C28)	17.187	37770	0.262 ug/ml
17) T n-Tricontane (C30)	18.074	80614	0.551 ug/ml
18) T n-Dotriacontane (C32)	18.908	115051	0.805 ug/ml
19) T n-Tetratriacontane (C34)	19.690	25382	0.183 ug/ml
20) T n-Hexatriacontane (C36)	20.433	68285	0.525 ug/ml

(f)=RT Delta > 1/2 Window

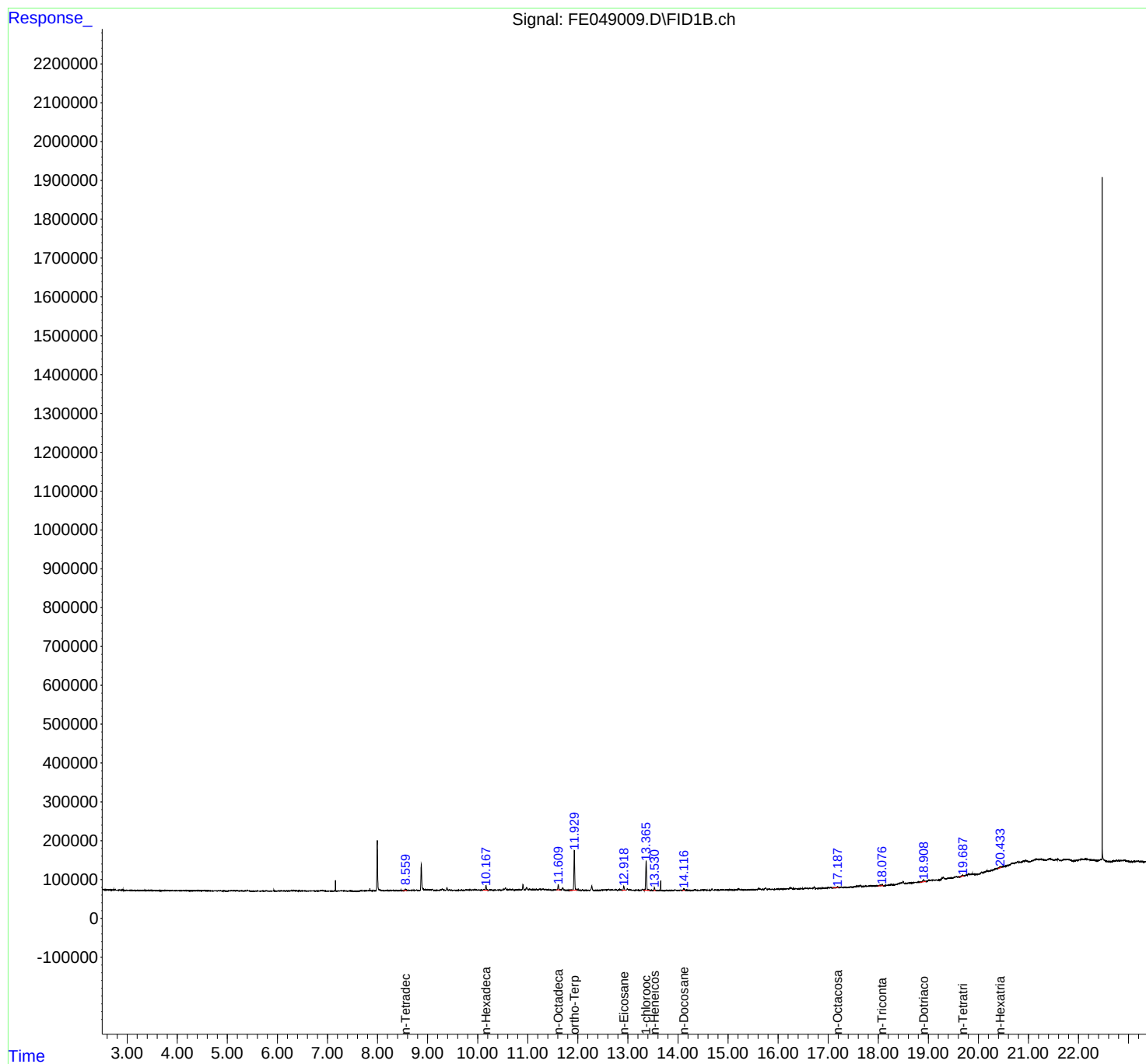
(m)=manual int.

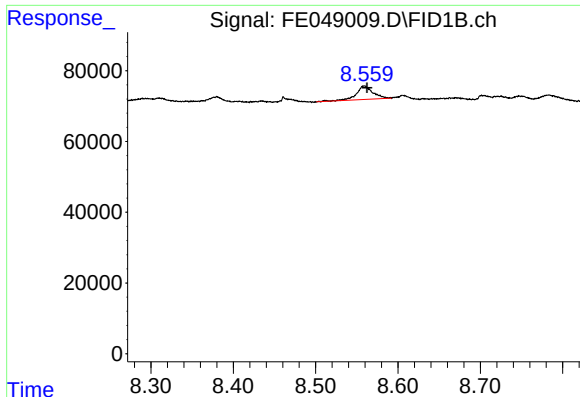
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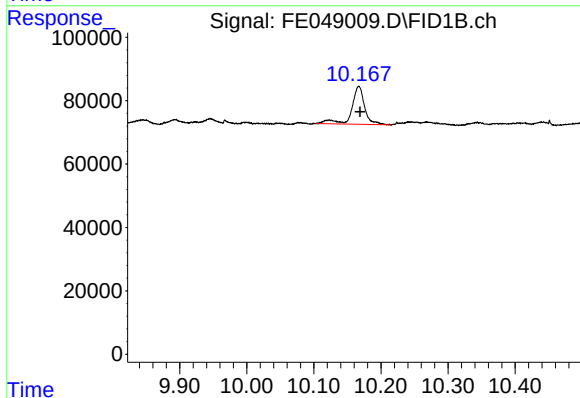




#6 n-Tetradecane (C14)

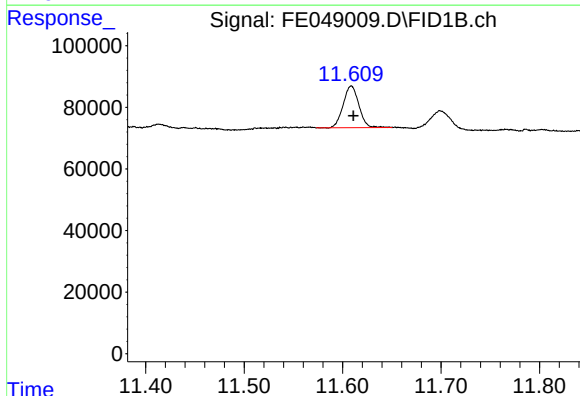
R.T.: 8.560 min
Delta R.T.: -0.003 min
Response: 53112
Conc: 0.35 ug/ml

Instrument :
FID_E
ClientSampleId :



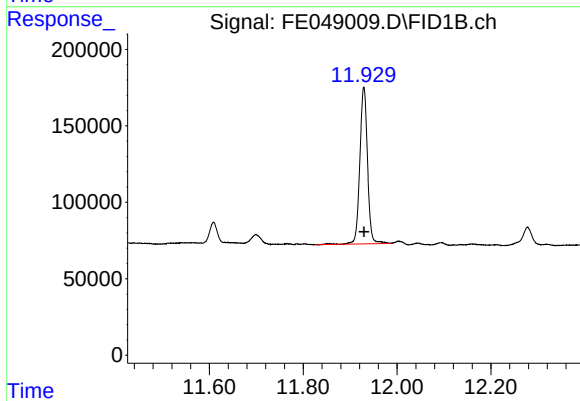
#7 n-Hexadecane (C16)

R.T.: 10.167 min
Delta R.T.: -0.002 min
Response: 159932
Conc: 1.02 ug/ml



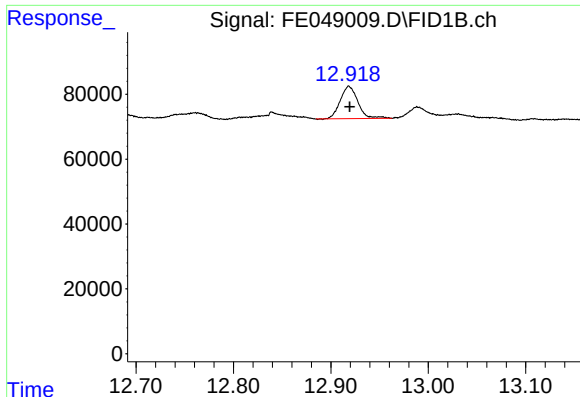
#8 n-Octadecane (C18)

R.T.: 11.609 min
Delta R.T.: -0.002 min
Response: 149897
Conc: 0.94 ug/ml



#9 ortho-Terphenyl (SURR)

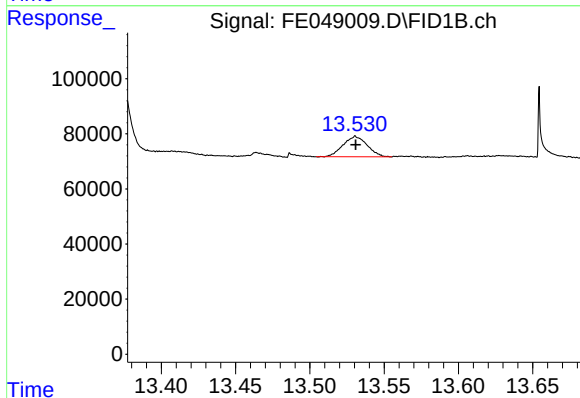
R.T.: 11.929 min
Delta R.T.: 0.000 min
Response: 1166961
Conc: 6.98 ug/ml



#10 n-Eicosane (C20)

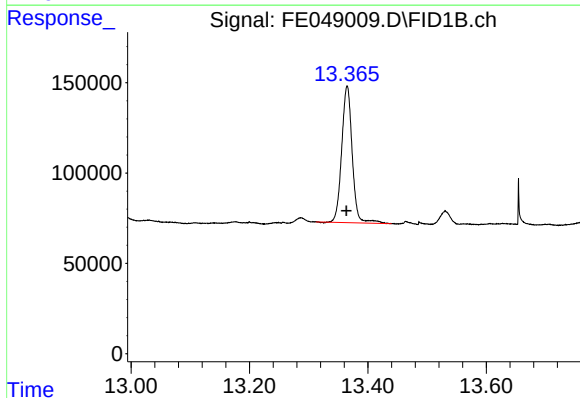
R.T.: 12.918 min
Delta R.T.: -0.001 min
Response: 125060
Conc: 0.81 ug/ml

Instrument :
FID_E
ClientSampleId :



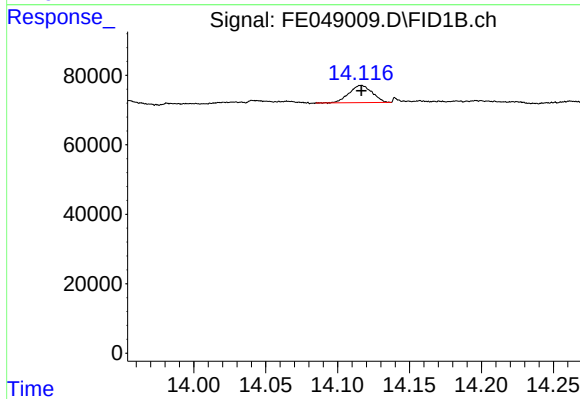
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: 0.000 min
Response: 83698
Conc: 0.55 ug/ml



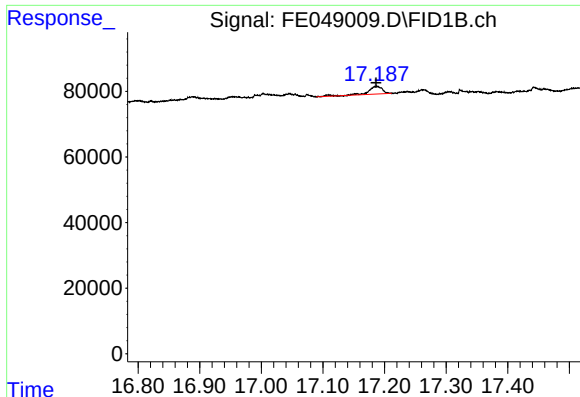
#12 1-chlorooctadecane (SURR)

R.T.: 13.365 min
Delta R.T.: 0.001 min
Response: 933832
Conc: 7.26 ug/ml



#13 n-Docosane (C22)

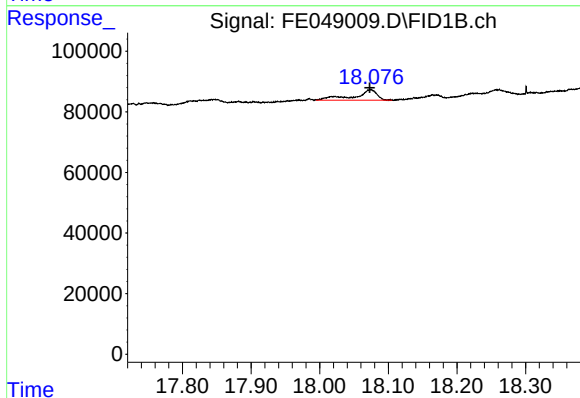
R.T.: 14.116 min
Delta R.T.: 0.000 min
Response: 55599
Conc: 0.37 ug/ml



#16 n-Octacosane (C28)

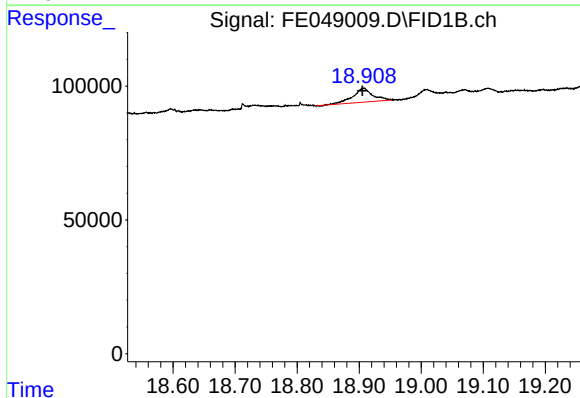
R.T.: 17.187 min
Delta R.T.: 0.000 min
Response: 37770
Conc: 0.26 ug/ml

Instrument :
FID_E
ClientSampleId :



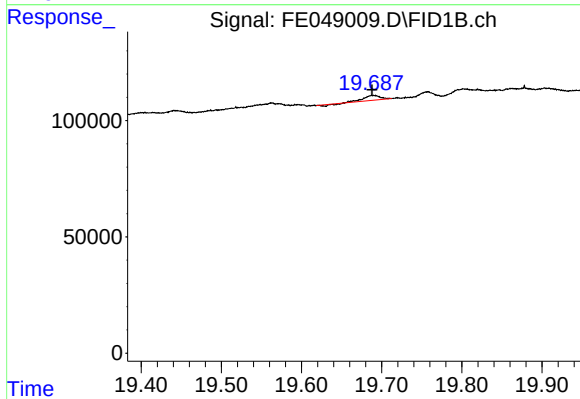
#17 n-Tricontane (C30)

R.T.: 18.074 min
Delta R.T.: 0.000 min
Response: 80614
Conc: 0.55 ug/ml



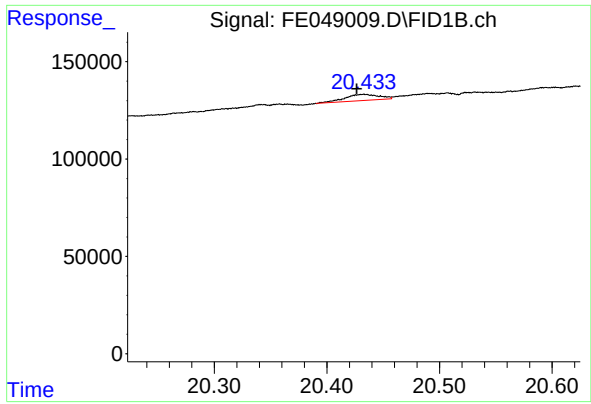
#18 n-Dotriacontane (C32)

R.T.: 18.908 min
Delta R.T.: 0.002 min
Response: 115051
Conc: 0.80 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.690 min
Delta R.T.: 0.002 min
Response: 25382
Conc: 0.18 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.433 min
Delta R.T.: 0.006 min
Response: 68285
Conc: 0.53 ug/ml

Instrument :
FID_E
ClientSampleId :