

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091823AL\
 Data File : FE044333.D
 Signal(s) : FID1B.ch
 Acq On : 18 Sep 2023 12:23
 Operator : YP\AJ
 Sample : 04445-02DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 18 13:37:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:37:37 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)	11.930	1360822	7.183 ug/ml
Spiked Amount 50.000		Recovery =	14.37%
12) S 1-chlorooctadecane (S...	13.368	1552652	11.239 ug/ml
Spiked Amount 50.000		Recovery =	22.48%
Target Compounds			
7) T n-Hexadecane (C16)	10.167	98899	0.572 ug/ml
8) T n-Octadecane (C18)	11.613	99809	0.573 ug/ml
10) T n-Eicosane (C20)	12.924	89561	0.541 ug/ml
11) T n-Heneicosane (C21)	13.548	379321	2.345 ug/ml
17) T n-Tricontane (C30)	18.093	148629	1.023 ug/ml
18) T n-Dotriacontane (C32)	18.927	113081	0.794 ug/ml
19) T n-Tetratriacontane (C34)	19.715	45310	0.324 ug/ml
20) T n-Hexatriacontane (C36)	20.453	168868	1.232 ug/ml

(f)=RT Delta > 1/2 Window

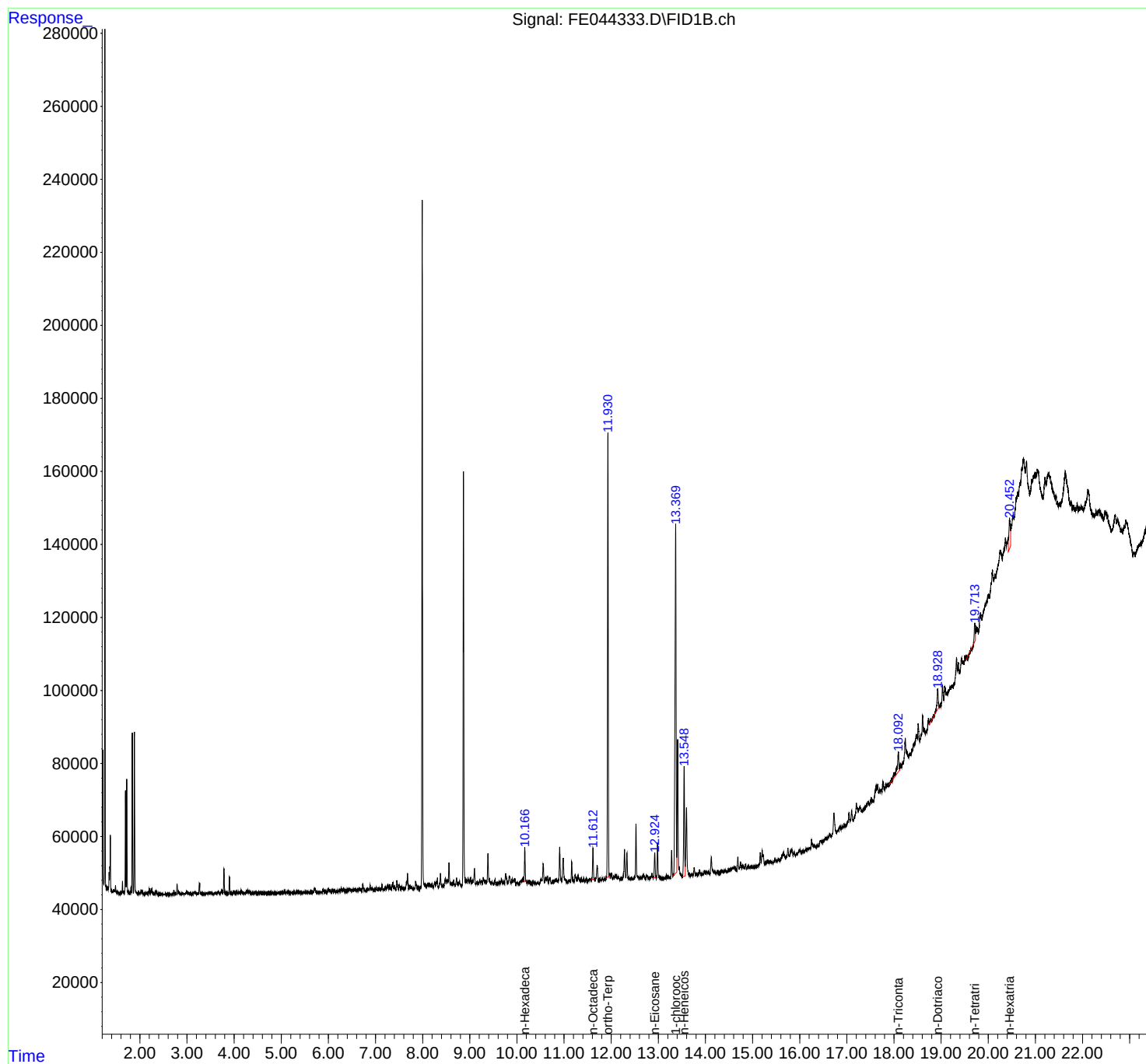
(m)=manual int.

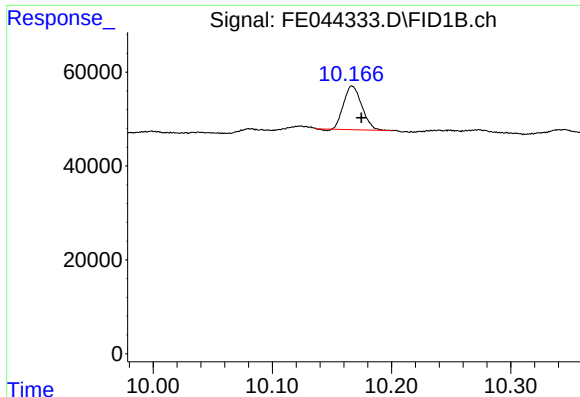
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

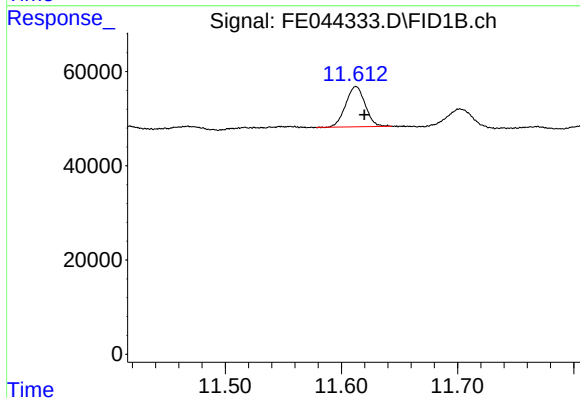




#7 n-Hexadecane (C16)

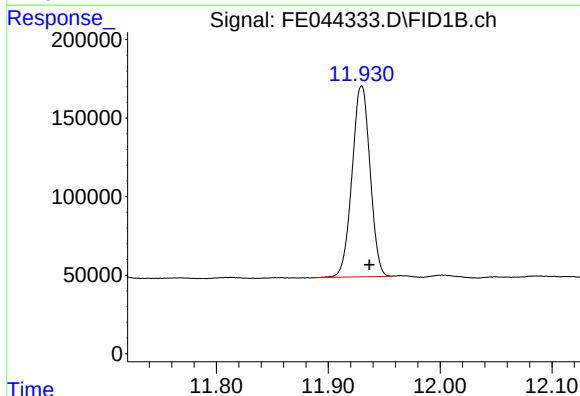
R.T.: 10.167 min
Delta R.T.: -0.008 min
Response: 98899
Conc: 0.57 ug/ml

Instrument :
FID_E
ClientSampleId :



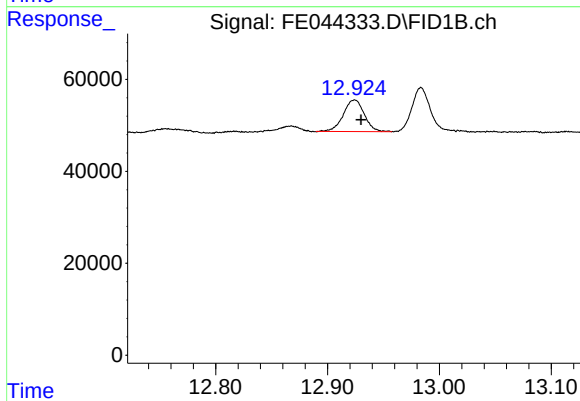
#8 n-Octadecane (C18)

R.T.: 11.613 min
Delta R.T.: -0.007 min
Response: 99809
Conc: 0.57 ug/ml



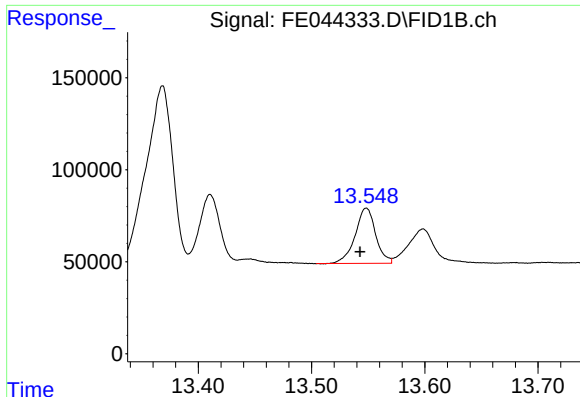
#9 ortho-Terphenyl (SURR)

R.T.: 11.930 min
Delta R.T.: -0.007 min
Response: 1360822
Conc: 7.18 ug/ml



#10 n-Eicosane (C20)

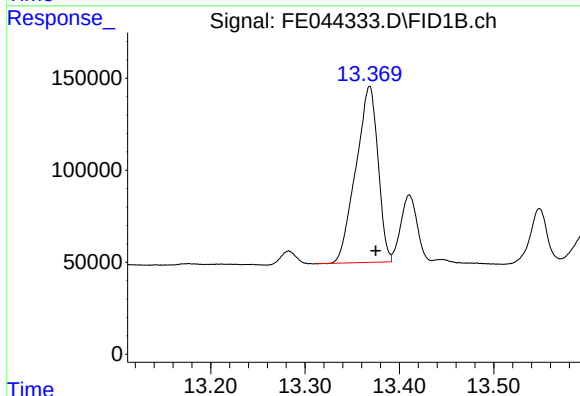
R.T.: 12.924 min
Delta R.T.: -0.006 min
Response: 89561
Conc: 0.54 ug/ml



#11 n-Heneicosane (C21)

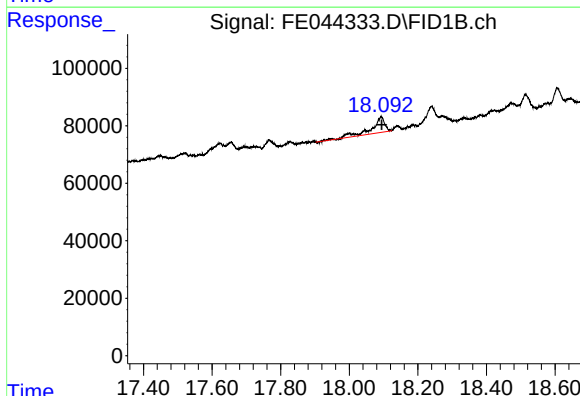
R.T.: 13.548 min
Delta R.T.: 0.006 min
Response: 379321
Conc: 2.35 ug/ml

Instrument :
FID_E
ClientSampleId :



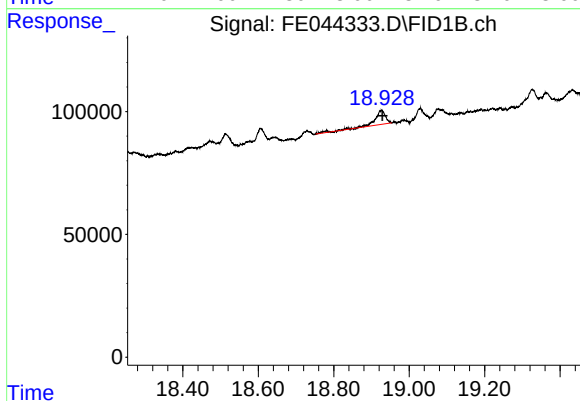
#12 1-chlorooctadecane (SURR)

R.T.: 13.368 min
Delta R.T.: -0.007 min
Response: 1552652
Conc: 11.24 ug/ml



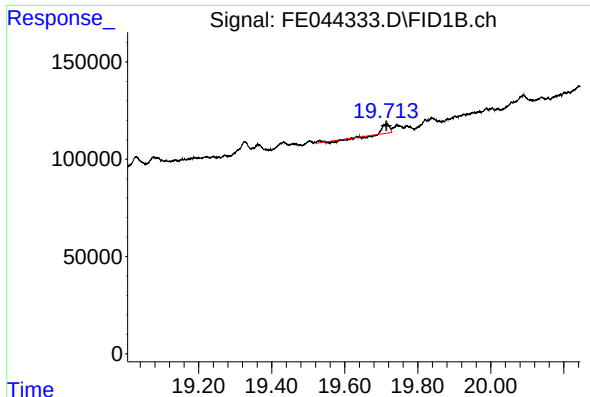
#17 n-Tricontane (C30)

R.T.: 18.093 min
Delta R.T.: -0.002 min
Response: 148629
Conc: 1.02 ug/ml



#18 n-Dotriacontane (C32)

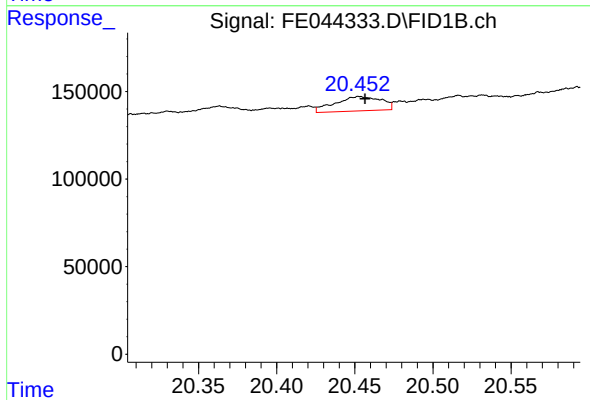
R.T.: 18.927 min
Delta R.T.: -0.002 min
Response: 113081
Conc: 0.79 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.715 min
Delta R.T.: 0.000 min
Response: 45310
Conc: 0.32 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.453 min
Delta R.T.: -0.004 min
Response: 168868
Conc: 1.23 ug/ml