

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071625AL\
 Data File : FE054868.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jul 2025 07:50
 Operator : YP\AJ
 Sample : Q2595-01DL 50X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 16 12:21:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 2025
 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)	12.086	473557	2.916 ug/ml
Spiked Amount 50.000		Recovery =	5.83%
12) S 1-chlorooctadecane (S...	13.522	187111	1.482 ug/ml
Spiked Amount 50.000		Recovery =	2.96%
Target Compounds			
6) T n-Tetradecane (C14)	8.693	32692	0.236 ug/ml
7) T n-Hexadecane (C16)	10.319	38275	0.269 ug/ml
8) T n-Octadecane (C18)	11.750	190888	1.303 ug/ml
10) T n-Eicosane (C20)	13.076	74975	0.521 ug/ml
16) T n-Octacosane (C28)	17.358	22004	0.151 ug/ml
17) T n-Tricontane (C30)	18.247	56353	0.358 ug/ml
18) T n-Dotriacontane (C32)	19.082	85961	0.531 ug/ml
19) T n-Tetratriacontane (C34)	19.866	65619	0.431 ug/ml
20) T n-Hexatriacontane (C36)	20.608	41724	0.310 ug/ml
21) T n-Octatriacontane (C38)	21.386	33138	0.283 ug/ml

(f)=RT Delta > 1/2 Window

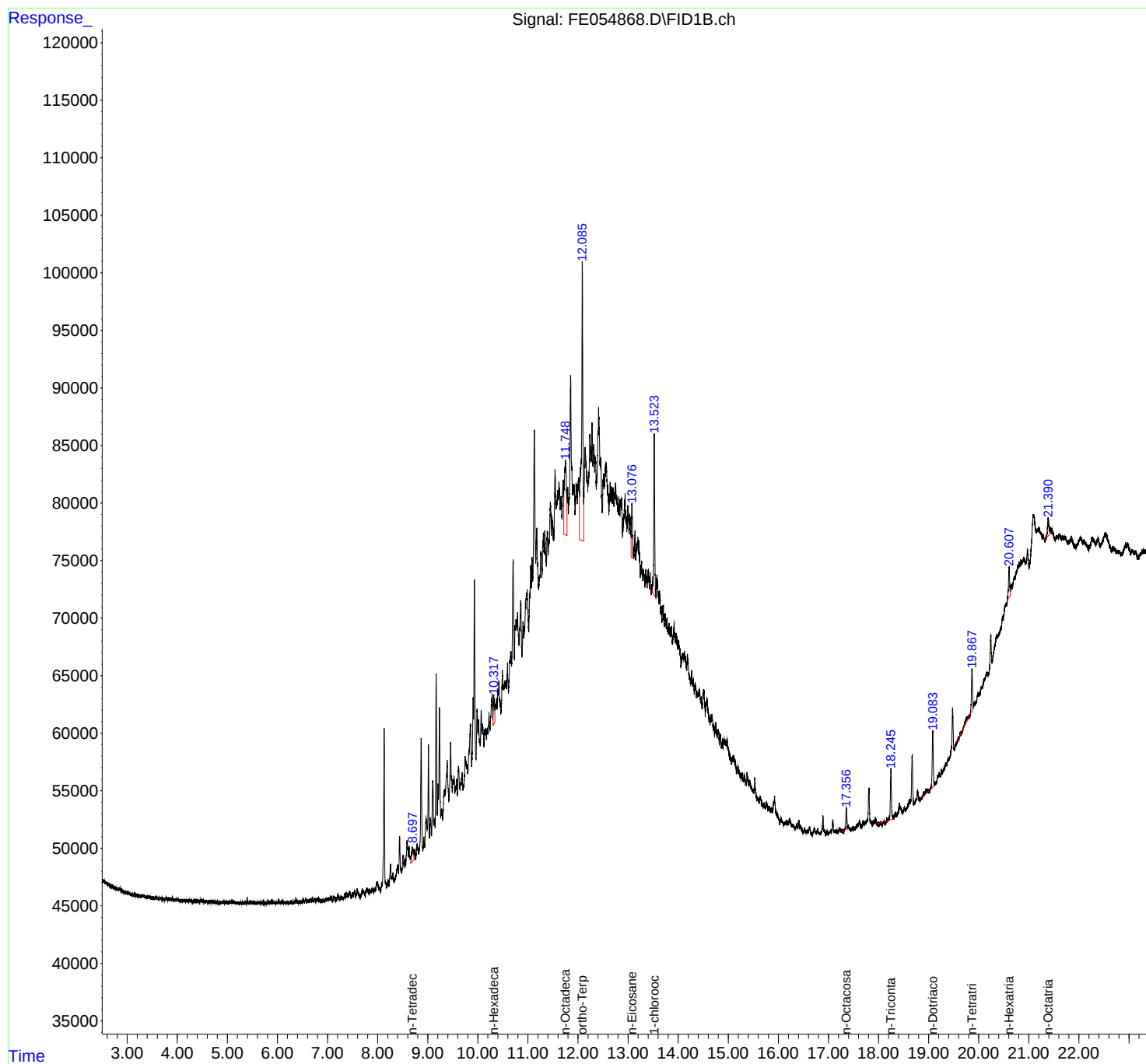
(m)=manual int.

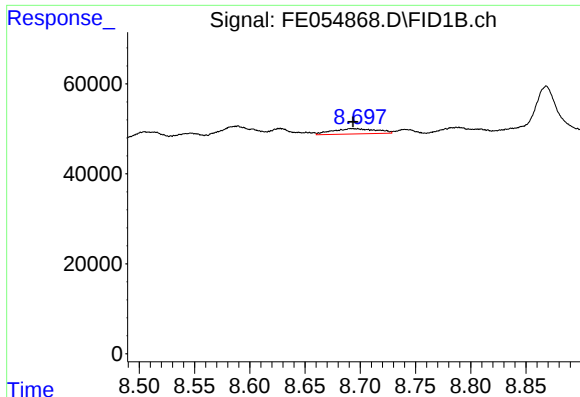
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

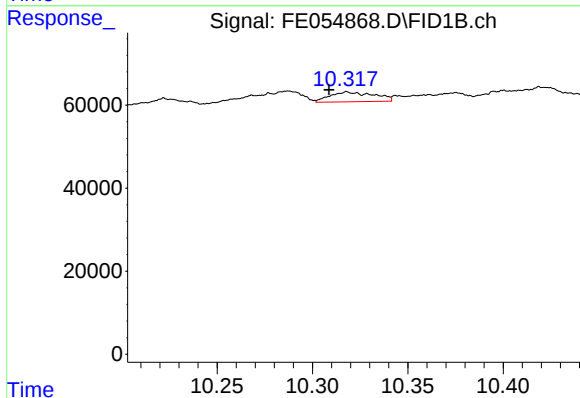




#6 n-Tetradecane (C14)

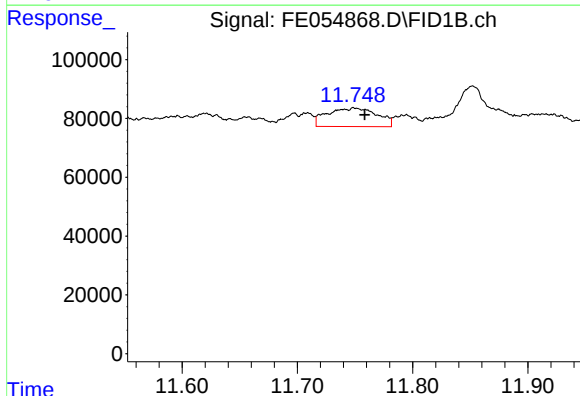
R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 32692
Conc: 0.24 ug/ml

Instrument :
FID_E
ClientSampleId :



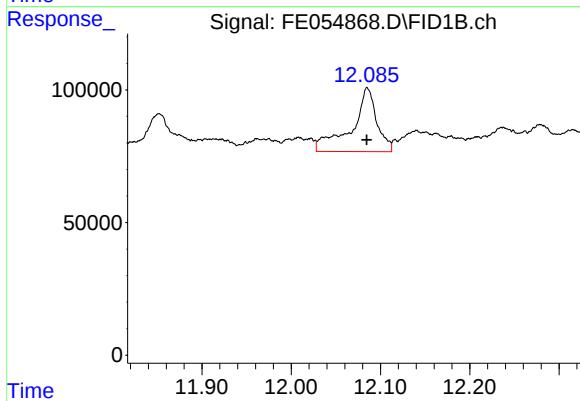
#7 n-Hexadecane (C16)

R.T.: 10.319 min
Delta R.T.: 0.010 min
Response: 38275
Conc: 0.27 ug/ml



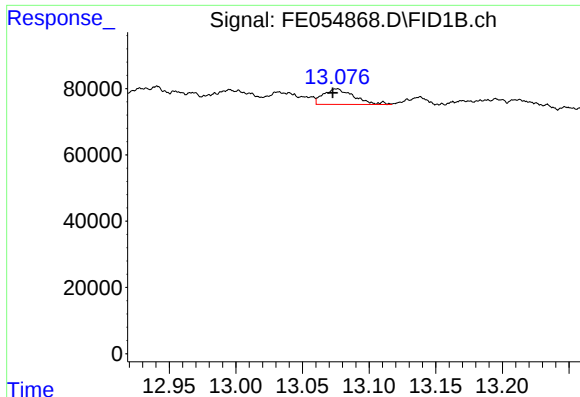
#8 n-Octadecane (C18)

R.T.: 11.750 min
Delta R.T.: -0.008 min
Response: 190888
Conc: 1.30 ug/ml



#9 ortho-Terphenyl (SURR)

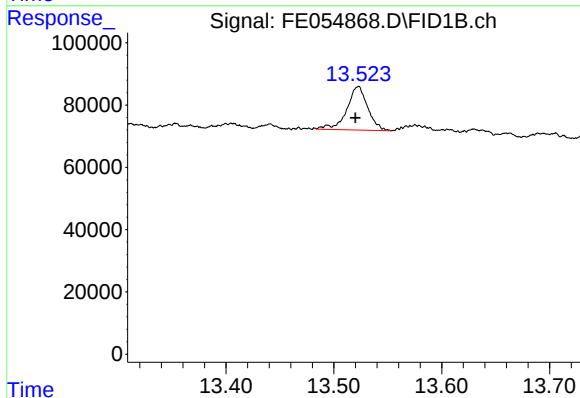
R.T.: 12.086 min
Delta R.T.: 0.001 min
Response: 473557
Conc: 2.92 ug/ml



#10 n-Eicosane (C20)

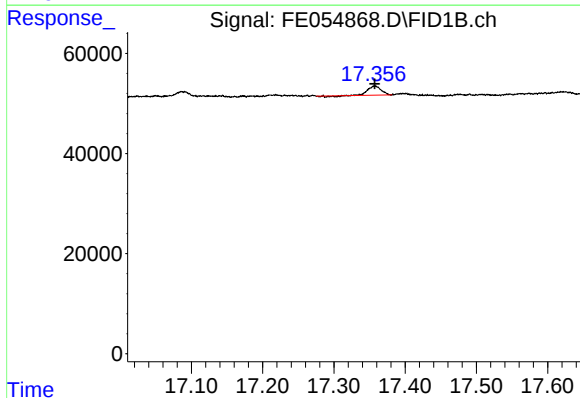
R.T.: 13.076 min
Delta R.T.: 0.003 min
Response: 74975
Conc: 0.52 ug/ml

Instrument :
FID_E
ClientSampleId :



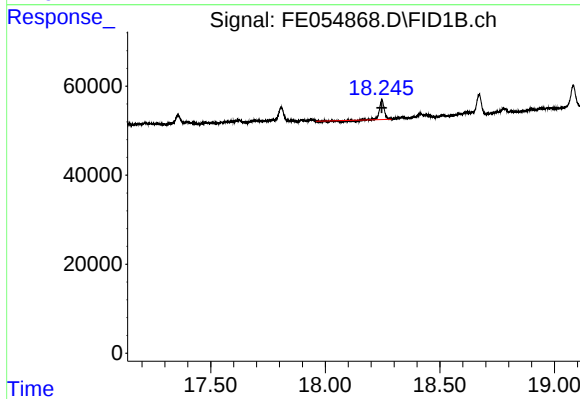
#12 1-chlorooctadecane (SURR)

R.T.: 13.522 min
Delta R.T.: 0.002 min
Response: 187111
Conc: 1.48 ug/ml



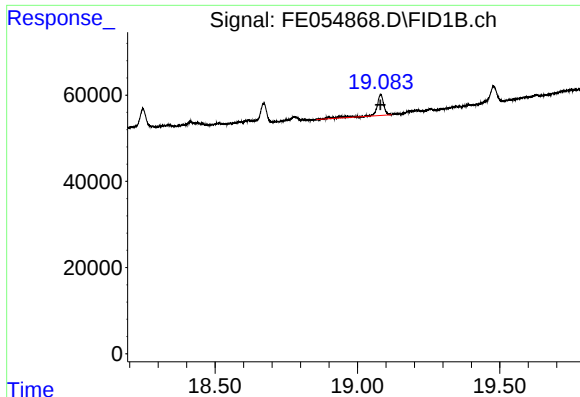
#16 n-Octacosane (C28)

R.T.: 17.358 min
Delta R.T.: 0.000 min
Response: 22004
Conc: 0.15 ug/ml



#17 n-Tricontane (C30)

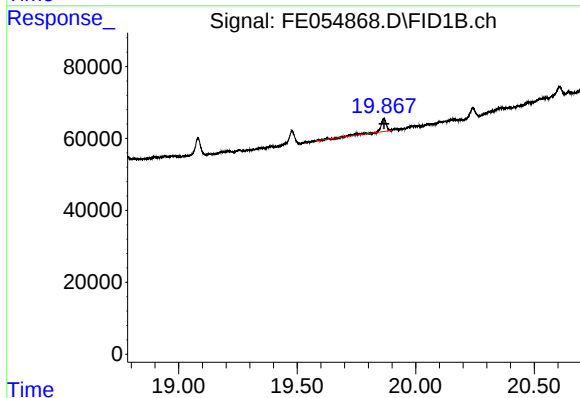
R.T.: 18.247 min
Delta R.T.: 0.000 min
Response: 56353
Conc: 0.36 ug/ml



#18 n-Dotriacontane (C32)

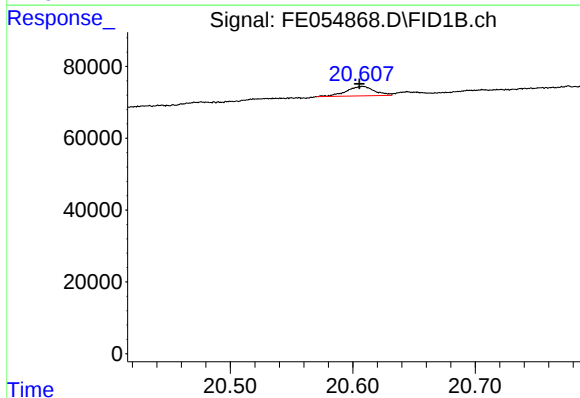
R.T.: 19.082 min
Delta R.T.: 0.000 min
Response: 85961
Conc: 0.53 ug/ml

Instrument :
FID_E
ClientSampleId :



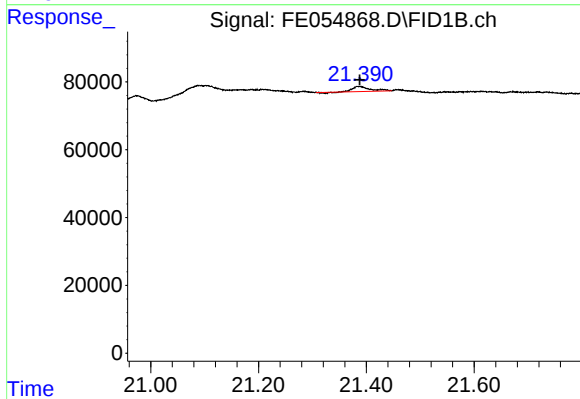
#19 n-Tetratriacontane (C34)

R.T.: 19.866 min
Delta R.T.: 0.000 min
Response: 65619
Conc: 0.43 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.608 min
Delta R.T.: 0.002 min
Response: 41724
Conc: 0.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.386 min
Delta R.T.: -0.002 min
Response: 33138
Conc: 0.28 ug/ml