

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091225AL\
 Data File : FE055794.D
 Signal(s) : FID1B.ch
 Acq On : 12 Sep 2025 10:47
 Operator : YP\AJ
 Sample : Q3075-08DL 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 13 02:28:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 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)	12.084	8940510	54.421 ug/ml
Spiked Amount 50.000		Recovery =	108.84%
12) S 1-chlorooctadecane (S...	13.524	5339421	42.700 ug/ml
Spiked Amount 50.000		Recovery =	85.40%
Target Compounds			
6) T n-Tetradecane (C14)	8.697	114158	0.867 ug/ml
7) T n-Hexadecane (C16)	10.312	826176	5.965 ug/ml
8) T n-Octadecane (C18)	11.755	1213817	8.322 ug/ml
10) T n-Eicosane (C20)	13.076	1171359	8.137 ug/ml
11) T n-Heneicosane (C21)	13.659	899587	6.298 ug/ml
13) T n-Docosane (C22)	14.267	573535	4.007 ug/ml
14) T n-Tetracosane (C24)	15.376	2533716	17.510 ug/ml
15) T n-Hexacosane (C26)	16.433	272693	1.909 ug/ml
16) T n-Octacosane (C28)	17.342	139777	0.983 ug/ml
17) T n-Tricontane (C30)	18.232	398538	2.696 ug/ml
18) T n-Dotriacontane (C32)	19.066	281659	1.919 ug/ml
19) T n-Tetratriacontane (C34)	19.851	126515	0.895 ug/ml

(f)=RT Delta > 1/2 Window

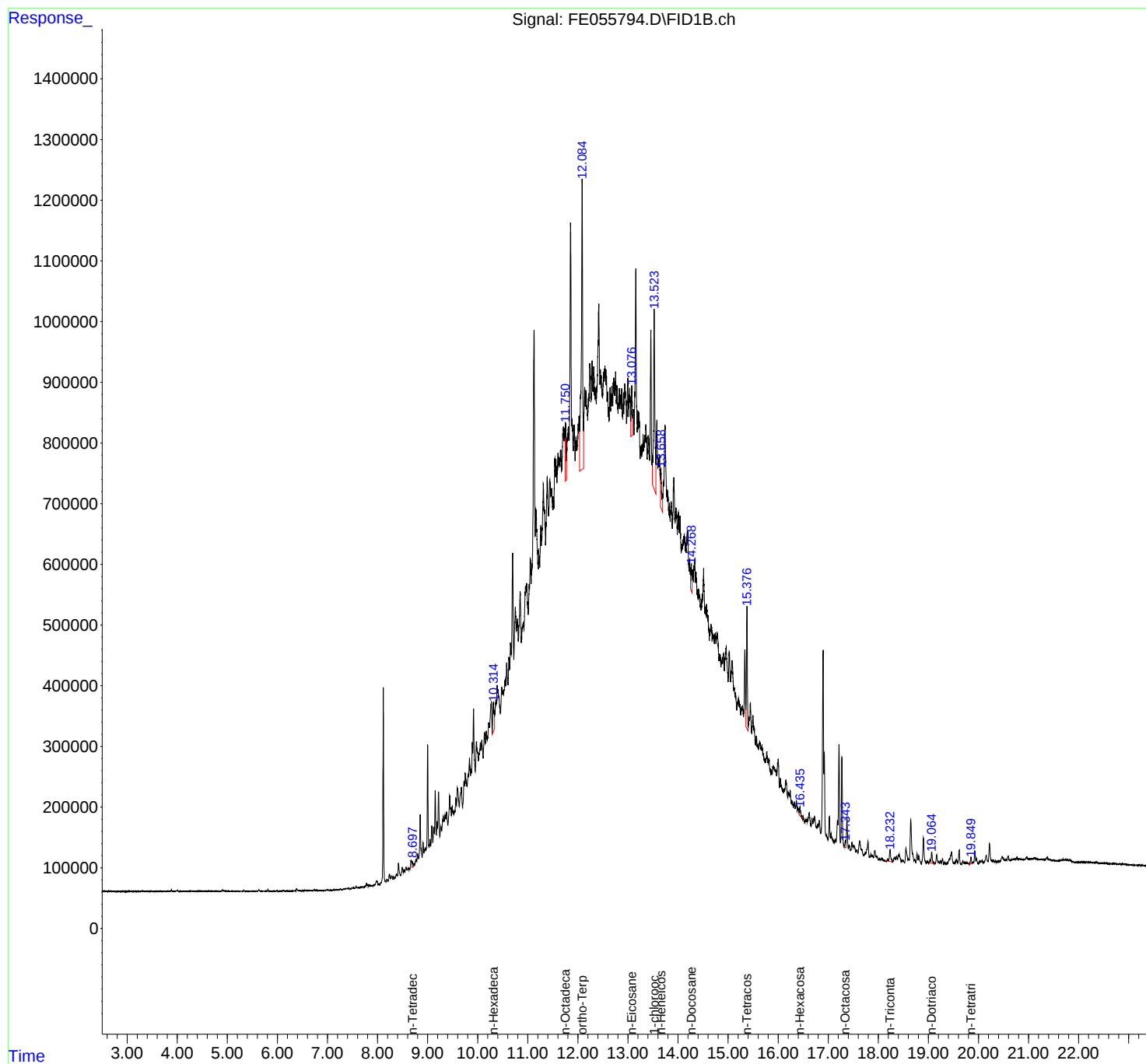
(m)=manual int.

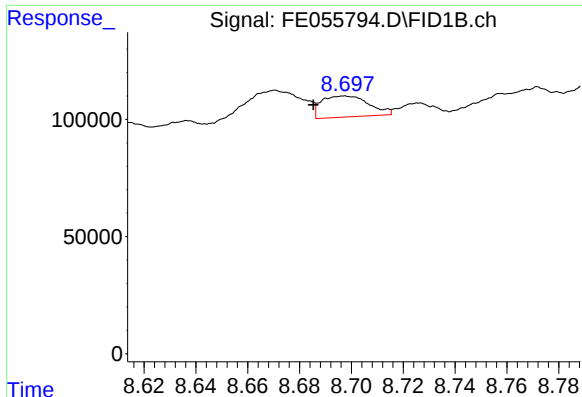
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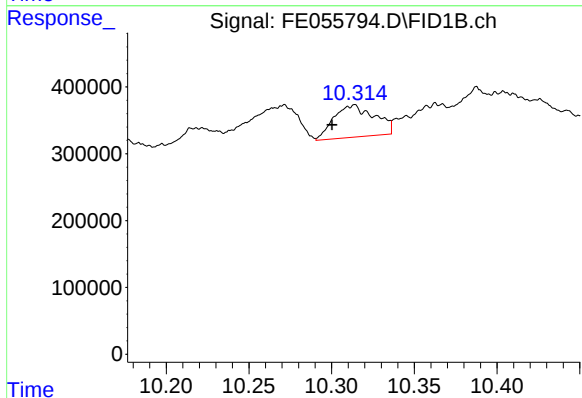




#6 n-Tetradecane (C14)

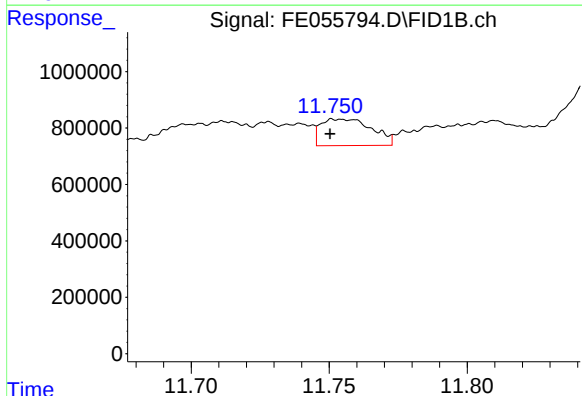
R.T.: 8.697 min
Delta R.T.: 0.012 min
Response: 114158
Conc: 0.87 ug/ml

Instrument :
FID_E
ClientSampleId :



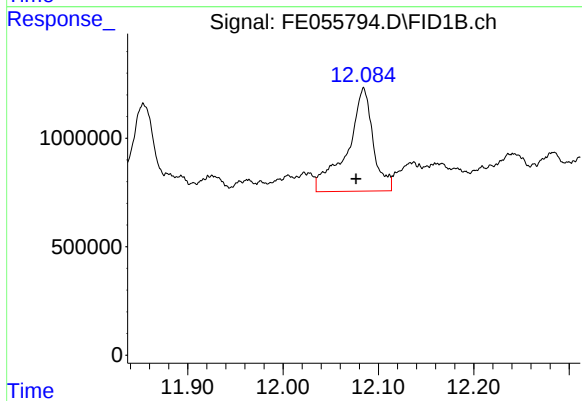
#7 n-Hexadecane (C16)

R.T.: 10.312 min
Delta R.T.: 0.012 min
Response: 826176
Conc: 5.97 ug/ml



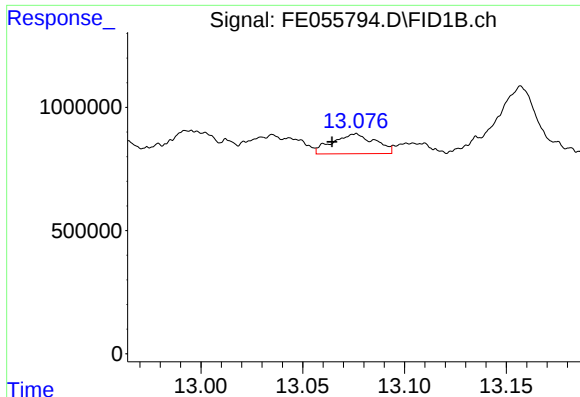
#8 n-Octadecane (C18)

R.T.: 11.755 min
Delta R.T.: 0.005 min
Response: 1213817
Conc: 8.32 ug/ml



#9 ortho-Terphenyl (SURR)

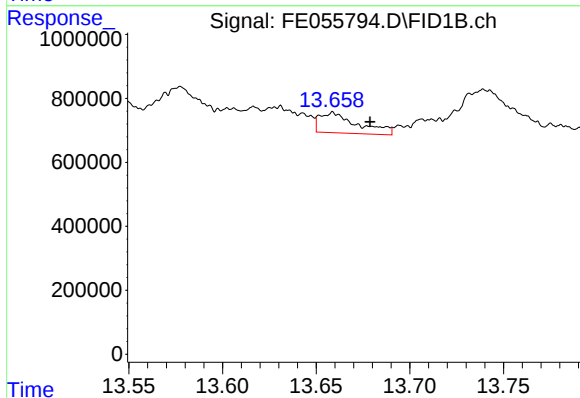
R.T.: 12.084 min
Delta R.T.: 0.008 min
Response: 8940510
Conc: 54.42 ug/ml



#10 n-Eicosane (C20)

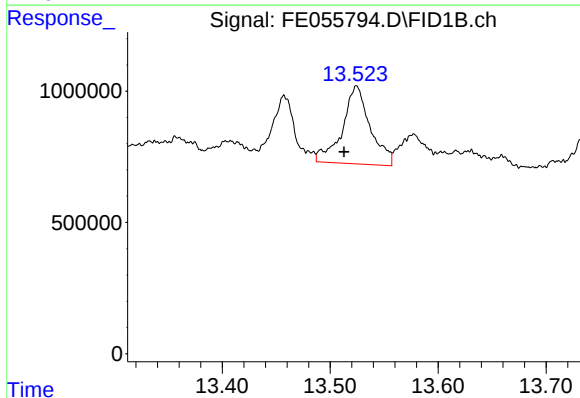
R.T.: 13.076 min
Delta R.T.: 0.011 min
Response: 1171359
Conc: 8.14 ug/ml

Instrument :
FID_E
ClientSampleId :



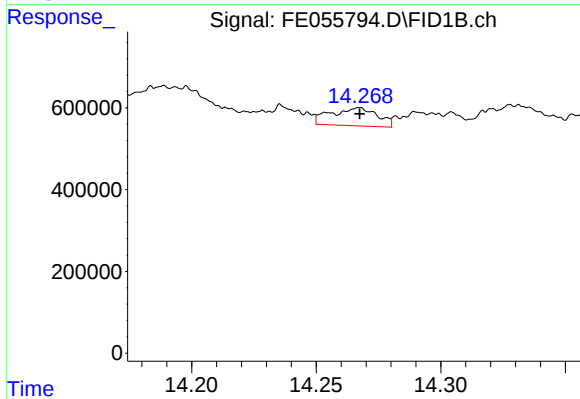
#11 n-Heneicosane (C21)

R.T.: 13.659 min
Delta R.T.: -0.020 min
Response: 899587
Conc: 6.30 ug/ml



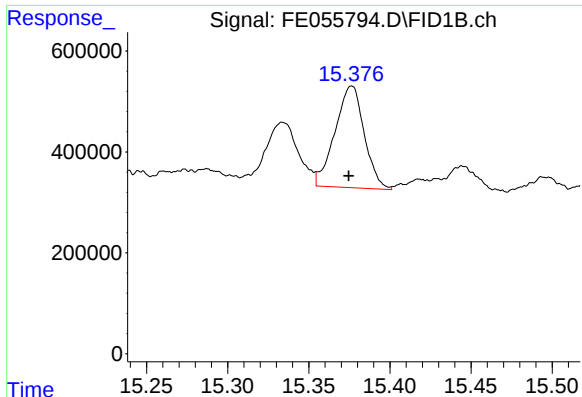
#12 1-chlorooctadecane (SURR)

R.T.: 13.524 min
Delta R.T.: 0.011 min
Response: 5339421
Conc: 42.70 ug/ml



#13 n-Docosane (C22)

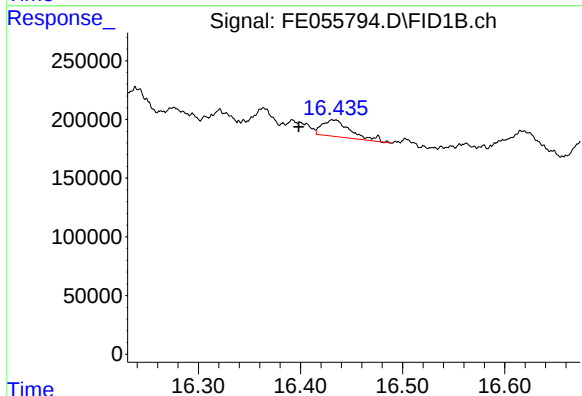
R.T.: 14.267 min
Delta R.T.: 0.000 min
Response: 573535
Conc: 4.01 ug/ml



#14 n-Tetracosane (C24)

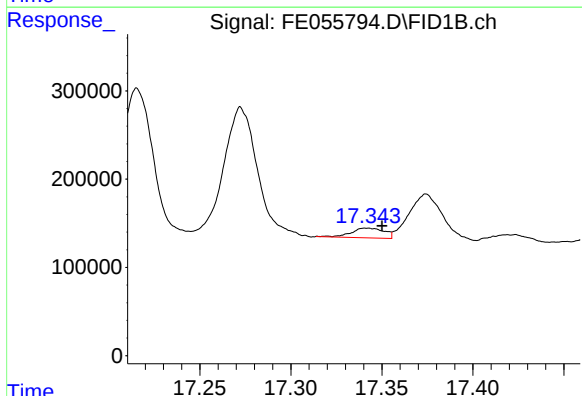
R.T.: 15.376 min
Delta R.T.: 0.002 min
Response: 2533716
Conc: 17.51 ug/ml

Instrument :
FID_E
ClientSampleId :



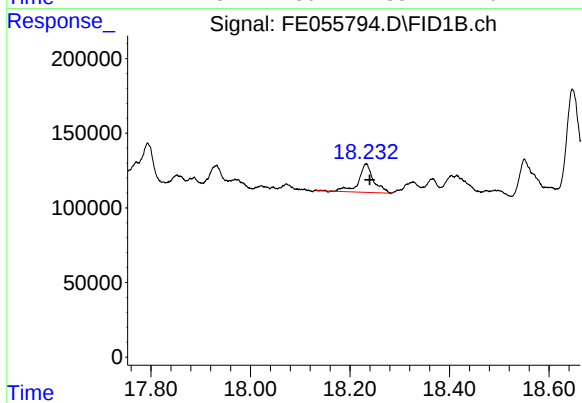
#15 n-Hexacosane (C26)

R.T.: 16.433 min
Delta R.T.: 0.034 min
Response: 272693
Conc: 1.91 ug/ml



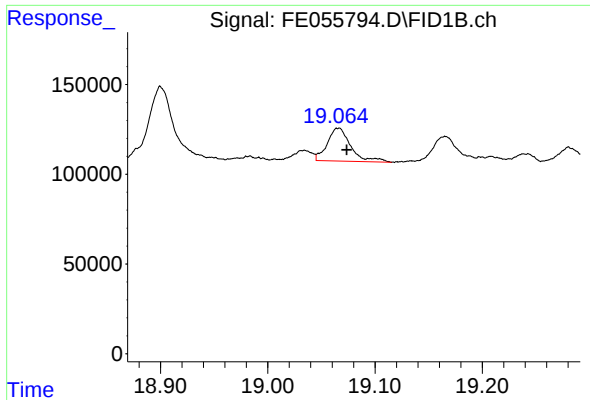
#16 n-Octacosane (C28)

R.T.: 17.342 min
Delta R.T.: -0.008 min
Response: 139777
Conc: 0.98 ug/ml



#17 n-Tricontane (C30)

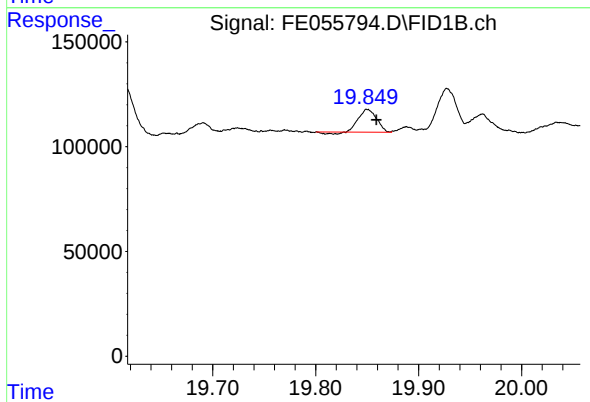
R.T.: 18.232 min
Delta R.T.: -0.007 min
Response: 398538
Conc: 2.70 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 19.066 min
Delta R.T.: -0.008 min
Response: 281659
Conc: 1.92 ug/ml

Instrument :
FID_E
ClientSampleId :



#19 n-Tetratriacontane (C34)

R.T.: 19.851 min
Delta R.T.: -0.008 min
Response: 126515
Conc: 0.90 ug/ml