

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061425AL\
 Data File : FE054376.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jun 2025 11:19
 Operator : YP\AJ
 Sample : Q2296-21
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WC-6

Integration File: autoint1.e
 Quant Time: Jun 14 00:00:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.825	7144432	43.238 ug/ml
Spiked Amount 50.000		Recovery =	86.48%
12) S 1-chlorooctadecane (S...	13.270	6233601	51.117 ug/ml
Spiked Amount 50.000		Recovery =	102.23%
Target Compounds			
8) T n-Octadecane (C18)	11.508	20347	0.151 ug/ml
10) T n-Eicosane (C20)	12.814	280856	2.099 ug/ml
11) T n-Heneicosane (C21)	13.436	119494	0.899 ug/ml
13) T n-Docosane (C22)	14.057	583895	4.453 ug/ml
14) T n-Tetracosane (C24)	15.117	3098003	24.017 ug/ml
15) T n-Hexacosane (C26)	16.164	189413	1.509 ug/ml
16) T n-Octacosane (C28)	17.134	503970	4.110 ug/ml
17) T n-Tricontane (C30)	17.992	214436	1.730 ug/ml
18) T n-Dotriacontane (C32)	18.820	287721	2.290 ug/ml
20) T n-Hexatriacontane (C36)	20.381	24753	0.192 ug/ml

(f)=RT Delta > 1/2 Window

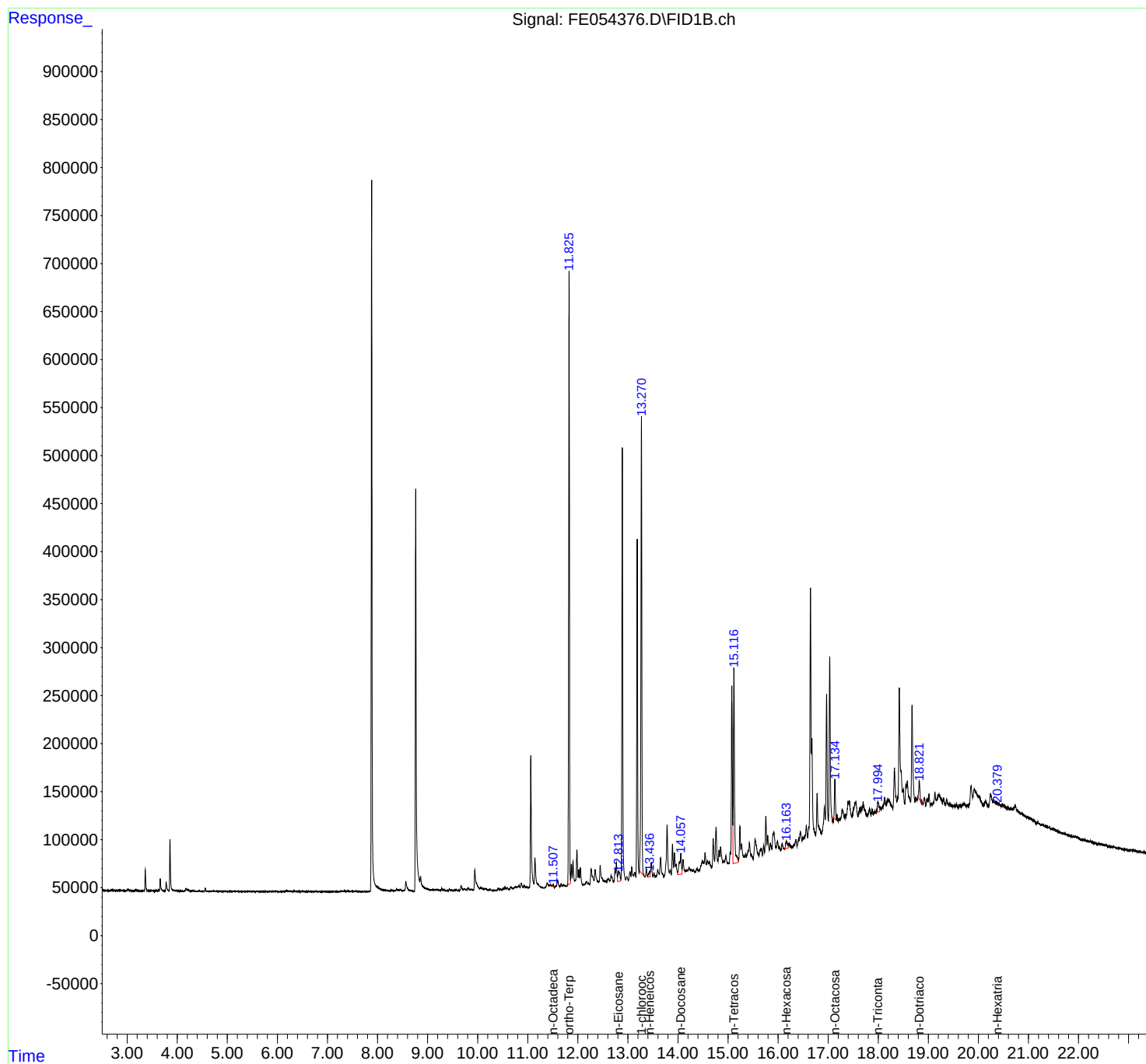
(m)=manual int.

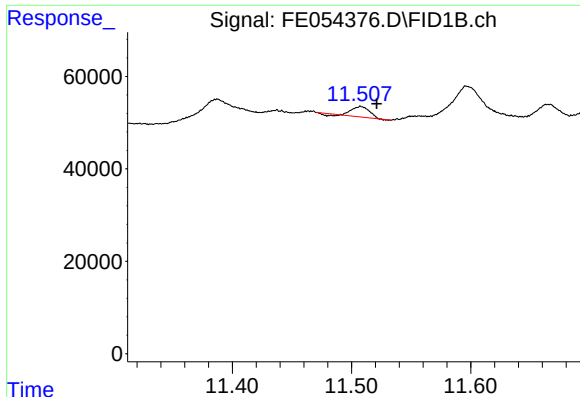
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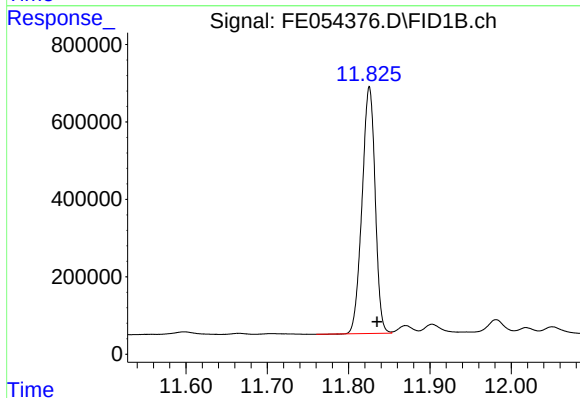




#8 n-Octadecane (C18)

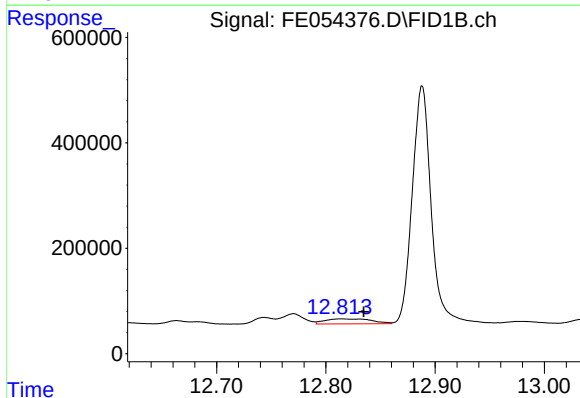
R.T.: 11.508 min
Delta R.T.: -0.014 min
Response: 20347
Conc: 0.15 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-6



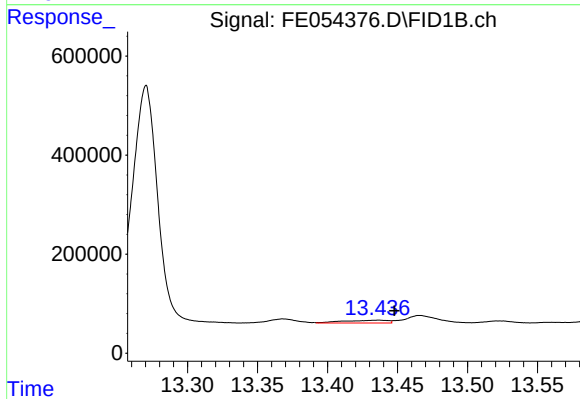
#9 ortho-Terphenyl (SURR)

R.T.: 11.825 min
Delta R.T.: -0.009 min
Response: 7144432
Conc: 43.24 ug/ml



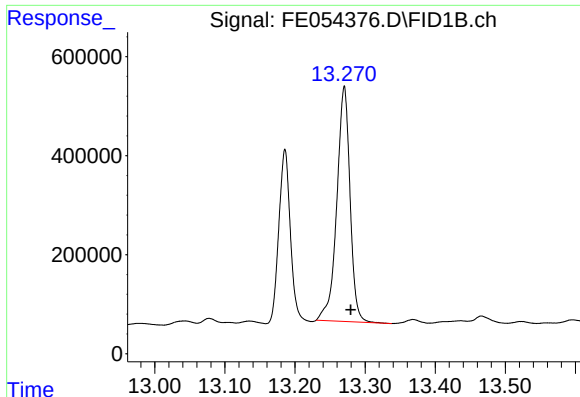
#10 n-Eicosane (C20)

R.T.: 12.814 min
Delta R.T.: -0.020 min
Response: 280856
Conc: 2.10 ug/ml



#11 n-Heneicosane (C21)

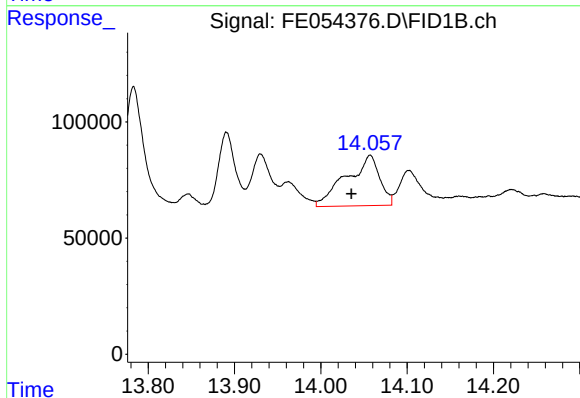
R.T.: 13.436 min
Delta R.T.: -0.012 min
Response: 119494
Conc: 0.90 ug/ml



#12 1-chlorooctadecane (SURR)

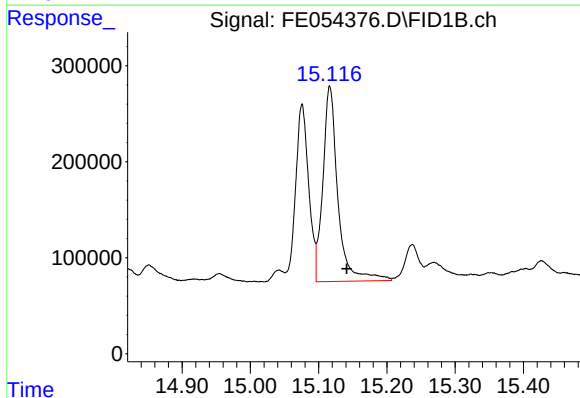
R.T.: 13.270 min
Delta R.T.: -0.009 min
Response: 6233601
Conc: 51.12 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-6



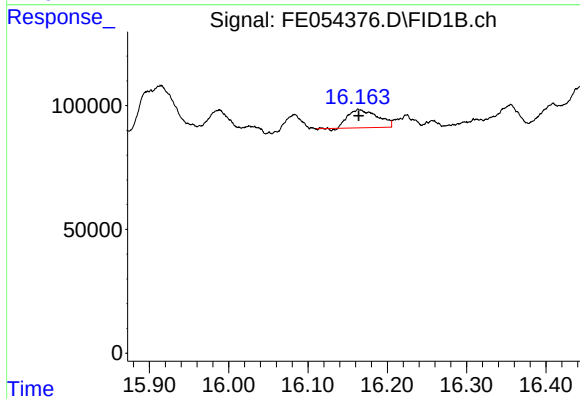
#13 n-Docosane (C22)

R.T.: 14.057 min
Delta R.T.: 0.022 min
Response: 583895
Conc: 4.45 ug/ml



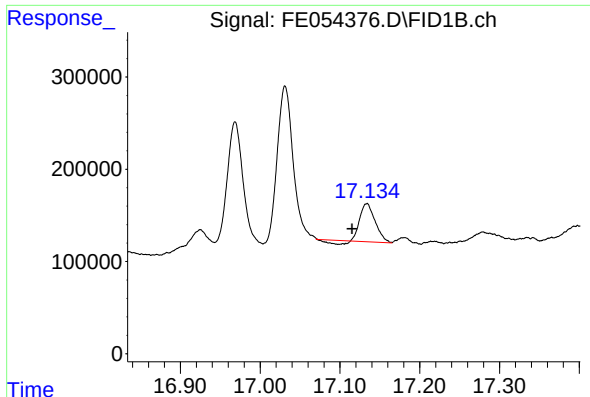
#14 n-Tetracosane (C24)

R.T.: 15.117 min
Delta R.T.: -0.025 min
Response: 3098003
Conc: 24.02 ug/ml



#15 n-Hexacosane (C26)

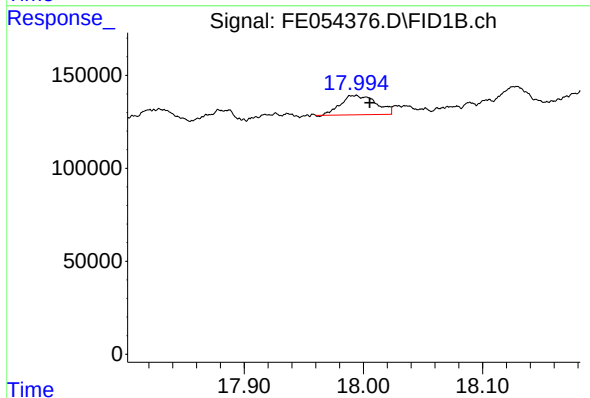
R.T.: 16.164 min
Delta R.T.: 0.000 min
Response: 189413
Conc: 1.51 ug/ml



#16 n-Octacosane (C28)

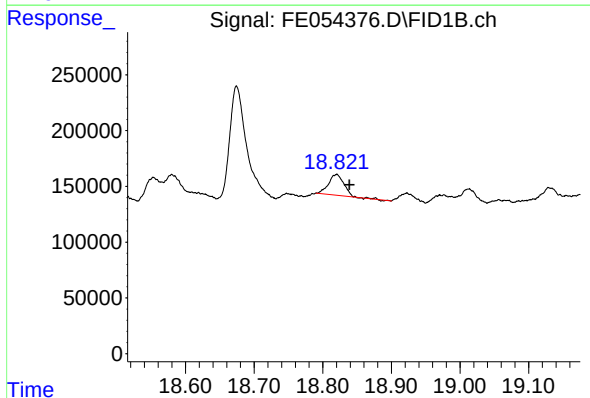
R.T.: 17.134 min
Delta R.T.: 0.018 min
Response: 503970
Conc: 4.11 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-6



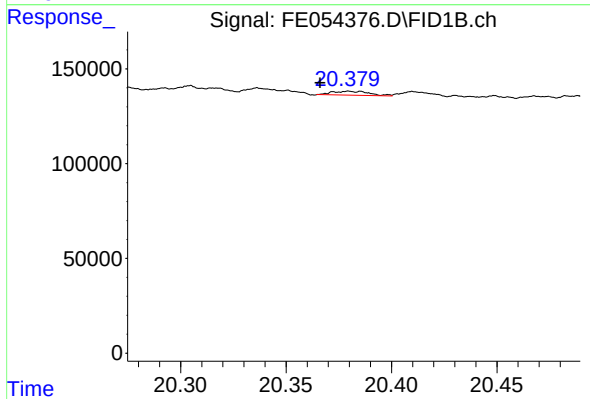
#17 n-Tricontane (C30)

R.T.: 17.992 min
Delta R.T.: -0.013 min
Response: 214436
Conc: 1.73 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.820 min
Delta R.T.: -0.019 min
Response: 287721
Conc: 2.29 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.381 min
Delta R.T.: 0.014 min
Response: 24753
Conc: 0.19 ug/ml