

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081525AL\
 Data File : FE055331.D
 Signal(s) : FID1B.ch
 Acq On : 15 Aug 2025 16:54
 Operator : YP\AJ
 Sample : Q2844-04DL 100X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 18 04:05:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.079	100554	0.704 ug/ml
Spiked Amount 50.000		Recovery =	1.41%
12) S 1-chlorooctadecane (S...	13.518	131930	1.227 ug/ml
Spiked Amount 50.000		Recovery =	2.45%
Target Compounds			
11) T n-Heneicosane (C21)	13.707	222147	1.802 ug/ml
13) T n-Docosane (C22)	14.290	242722	1.988 ug/ml
14) T n-Tetracosane (C24)	15.385	534490	4.394 ug/ml
15) T n-Hexacosane (C26)	16.449	344016	2.875 ug/ml
16) T n-Octacosane (C28)	17.354	355073	2.993 ug/ml
17) T n-Tricontane (C30)	18.244	637563	5.181 ug/ml
18) T n-Dotriacontane (C32)	19.078	1329907	10.900 ug/ml
19) T n-Tetratriacontane (C34)	19.863	1342435	11.482 ug/ml
20) T n-Hexatriacontane (C36)	20.604	1067857	9.770 ug/ml
21) T n-Octatriacontane (C38)	21.383	730147	6.756 ug/ml
22) T n-Tetracontane (C40)	22.371	396282	3.789 ug/ml

(f)=RT Delta > 1/2 Window

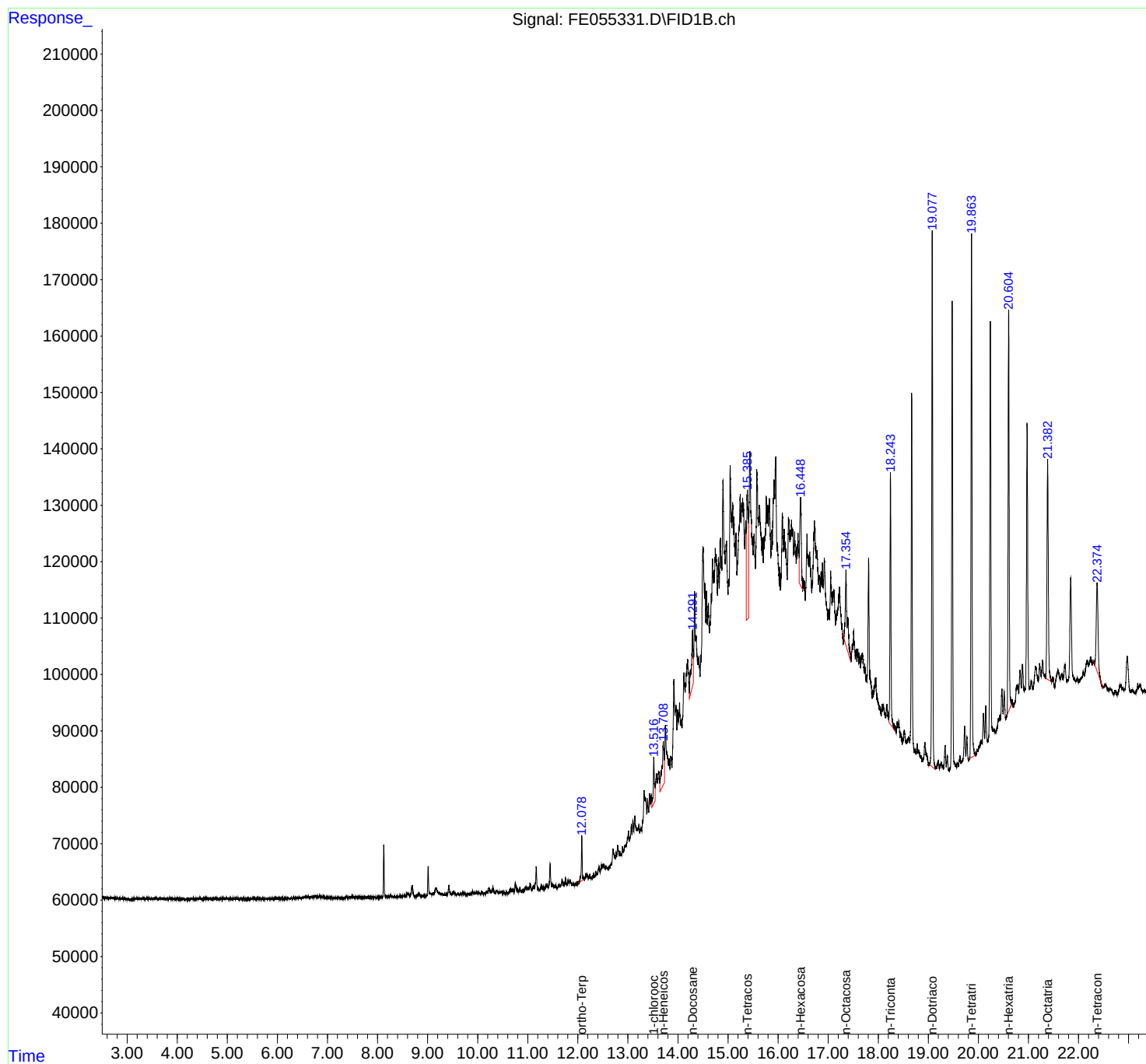
(m)=manual int.

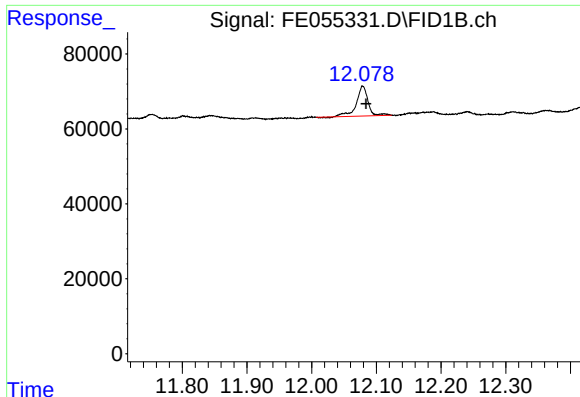
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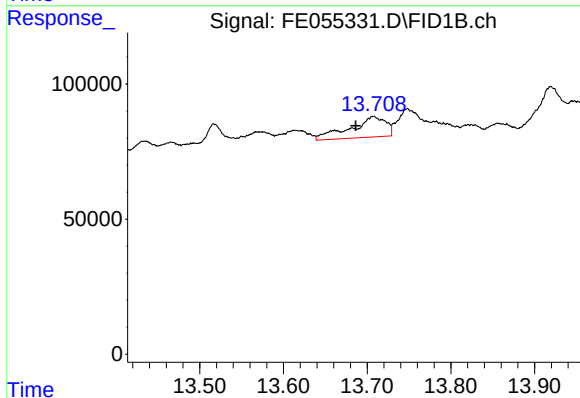




#9 ortho-Terphenyl (SURR)

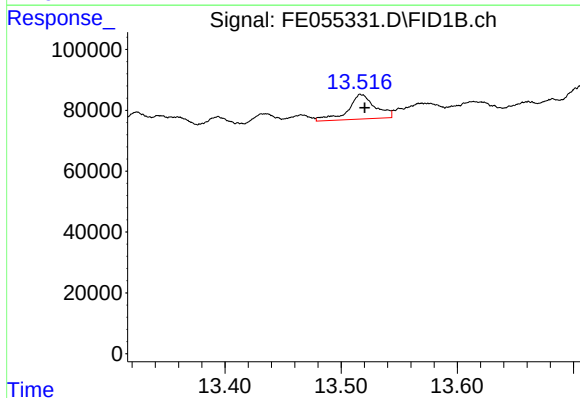
R.T.: 12.079 min
Delta R.T.: -0.005 min
Response: 100554
Conc: 0.70 ug/ml

Instrument :
FID_C
ClientSampleId :



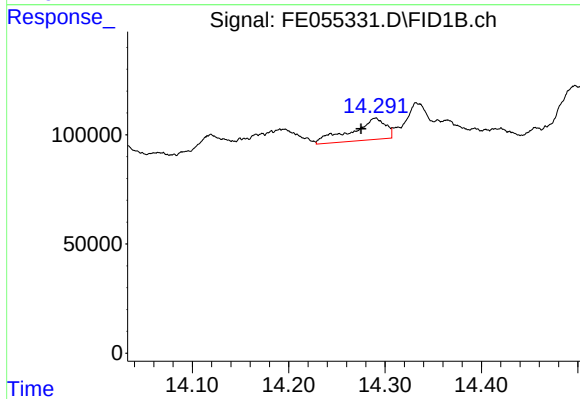
#11 n-Heneicosane (C21)

R.T.: 13.707 min
Delta R.T.: 0.021 min
Response: 222147
Conc: 1.80 ug/ml



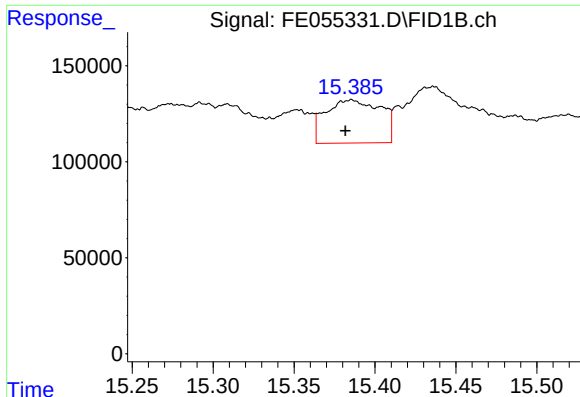
#12 1-chlorooctadecane (SURR)

R.T.: 13.518 min
Delta R.T.: -0.003 min
Response: 131930
Conc: 1.23 ug/ml



#13 n-Docosane (C22)

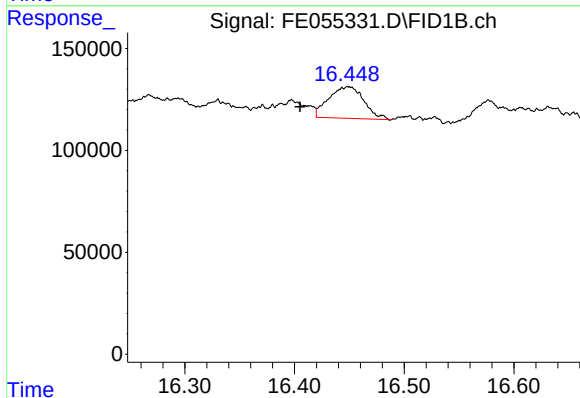
R.T.: 14.290 min
Delta R.T.: 0.015 min
Response: 242722
Conc: 1.99 ug/ml



#14 n-Tetracosane (C24)

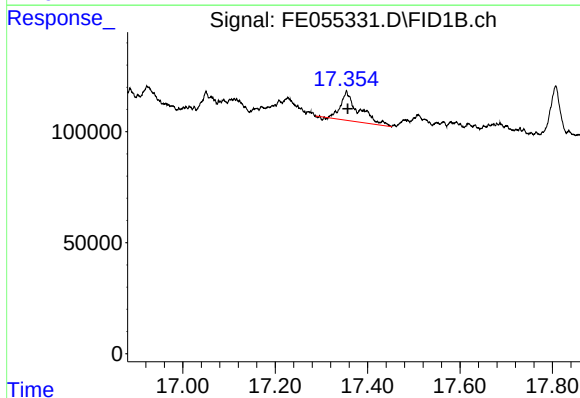
R.T.: 15.385 min
Delta R.T.: 0.003 min
Response: 534490
Conc: 4.39 ug/ml

Instrument :
FID_C
ClientSampleId :



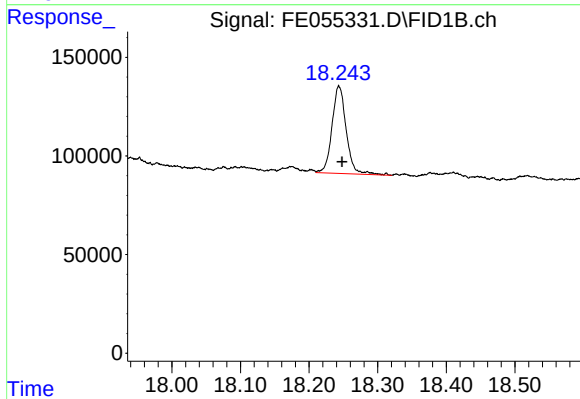
#15 n-Hexacosane (C26)

R.T.: 16.449 min
Delta R.T.: 0.044 min
Response: 344016
Conc: 2.88 ug/ml



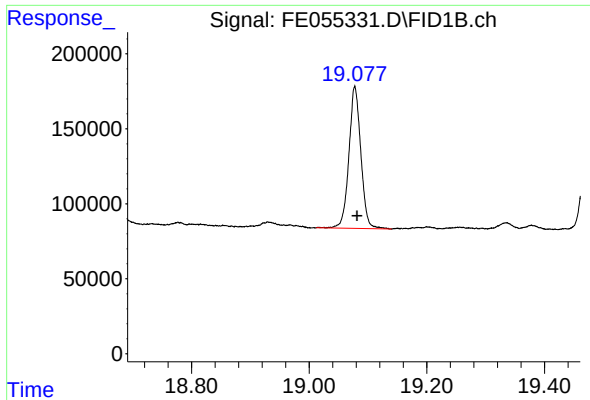
#16 n-Octacosane (C28)

R.T.: 17.354 min
Delta R.T.: -0.003 min
Response: 355073
Conc: 2.99 ug/ml



#17 n-Tricontane (C30)

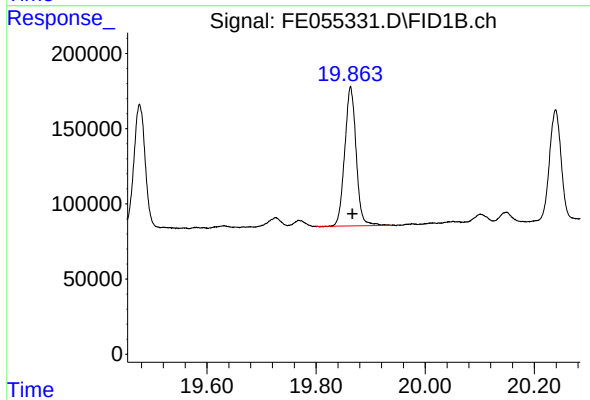
R.T.: 18.244 min
Delta R.T.: -0.004 min
Response: 637563
Conc: 5.18 ug/ml



#18 n-Dotriacontane (C32)

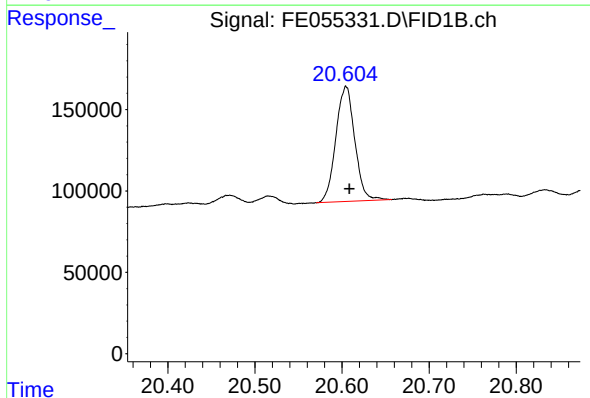
R.T.: 19.078 min
Delta R.T.: -0.004 min
Response: 1329907
Conc: 10.90 ug/ml

Instrument :
FID_C
ClientSampleId :



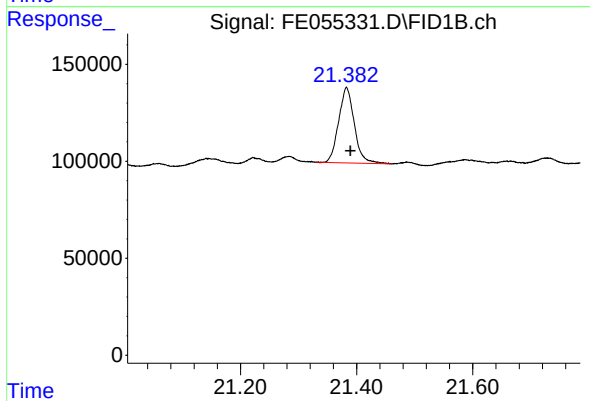
#19 n-Tetatriacontane (C34)

R.T.: 19.863 min
Delta R.T.: -0.003 min
Response: 1342435
Conc: 11.48 ug/ml



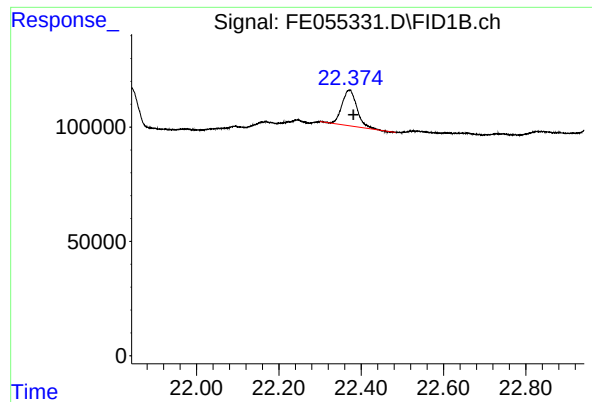
#20 n-Hexatriacontane (C36)

R.T.: 20.604 min
Delta R.T.: -0.004 min
Response: 1067857
Conc: 9.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.383 min
Delta R.T.: -0.007 min
Response: 730147
Conc: 6.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.371 min
Delta R.T.: -0.010 min
Response: 396282
Conc: 3.79 ug/ml

Instrument :

FID_C

ClientSampleId :