

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080725AL\
 Data File : FE055169.D
 Signal(s) : FID1B.ch
 Acq On : 07 Aug 2025 09:53
 Operator : YP\AJ
 Sample : Q2774-03DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 256DL

Integration File: autoint1.e
 Quant Time: Aug 08 01:02:36 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)	12.084	1002919	7.023 ug/ml
Spiked Amount 50.000		Recovery =	14.05%
12) S 1-chlorooctadecane (S...	13.521	1272807	11.837 ug/ml
Spiked Amount 50.000		Recovery =	23.67%
Target Compounds			
7) T n-Hexadecane (C16)	10.328	64609	0.505 ug/ml
8) T n-Octadecane (C18)	11.725	156199	1.197 ug/ml
10) T n-Eicosane (C20)	13.068	68839	0.549 ug/ml
11) T n-Heneicosane (C21)	13.714	173550	1.408 ug/ml
13) T n-Docosane (C22)	14.316	241357	1.976 ug/ml
14) T n-Tetracosane (C24)	15.374	1604353	13.190 ug/ml
15) T n-Hexacosane (C26)	16.408	49942	0.417 ug/ml
16) T n-Octacosane (C28)	17.379	426175	3.593 ug/ml
17) T n-Tricontane (C30)	18.245	245115	1.992 ug/ml
18) T n-Dotriacontane (C32)	19.081	135503	1.111 ug/ml
19) T n-Tetratriacontane (C34)	19.865	100925	0.863 ug/ml
20) T n-Hexatriacontane (C36)	20.605	101951	0.933 ug/ml
21) T n-Octatriacontane (C38)	21.386	94251	0.872 ug/ml
22) T n-Tetracontane (C40)	22.380	46130	0.441 ug/ml

(f)=RT Delta > 1/2 Window

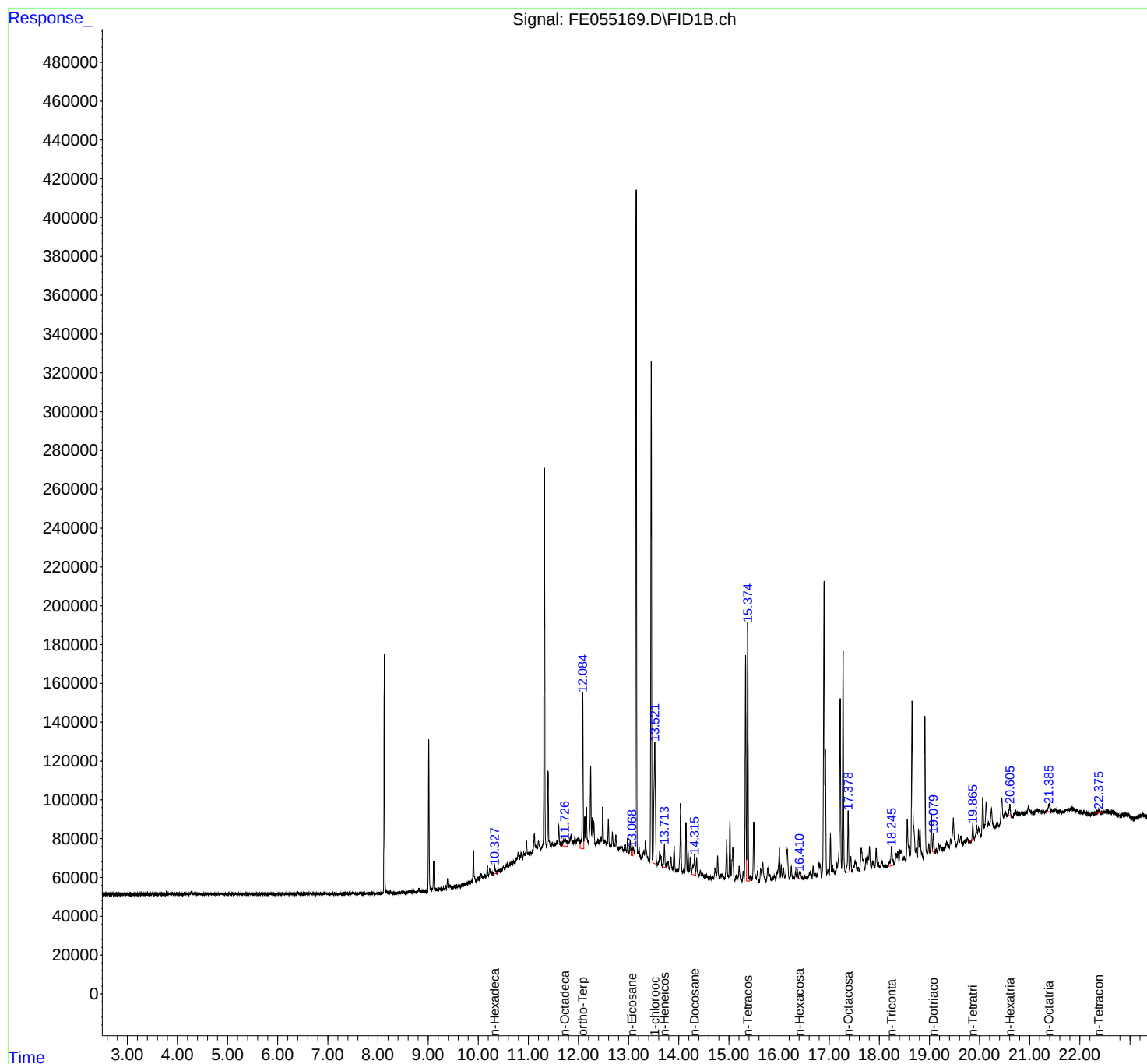
(m)=manual int.

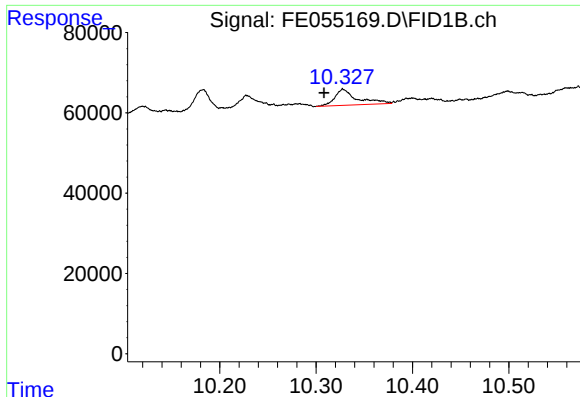
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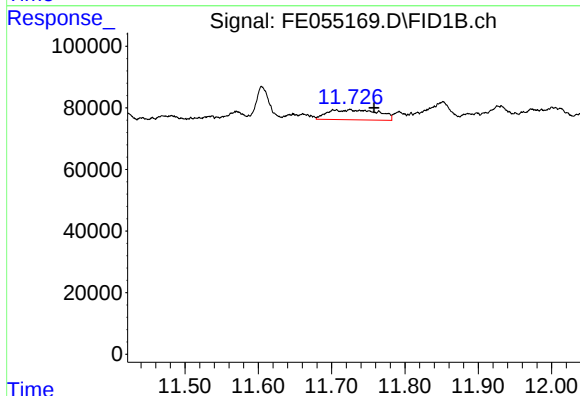




#7 n-Hexadecane (C16)

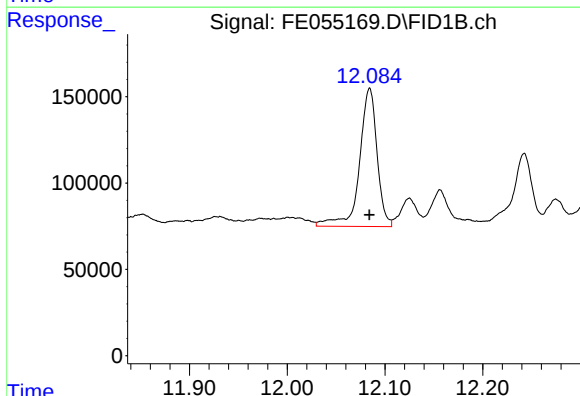
R.T.: 10.328 min
Delta R.T.: 0.020 min
Response: 64609
Conc: 0.51 ug/ml

Instrument :
FID_E
ClientSampleId :
256DL



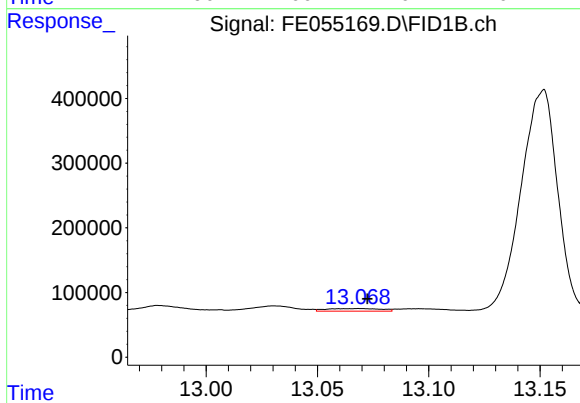
#8 n-Octadecane (C18)

R.T.: 11.725 min
Delta R.T.: -0.032 min
Response: 156199
Conc: 1.20 ug/ml



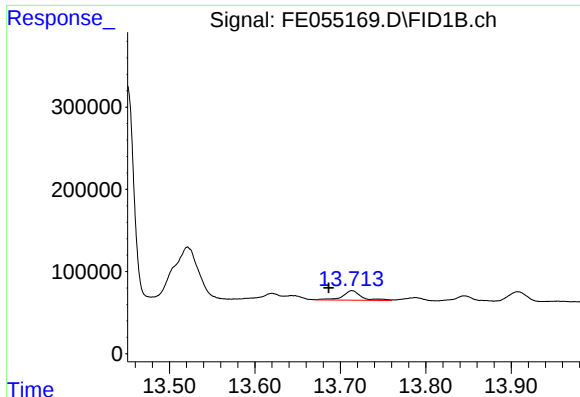
#9 ortho-Terphenyl (SURR)

R.T.: 12.084 min
Delta R.T.: 0.000 min
Response: 1002919
Conc: 7.02 ug/ml



#10 n-Eicosane (C20)

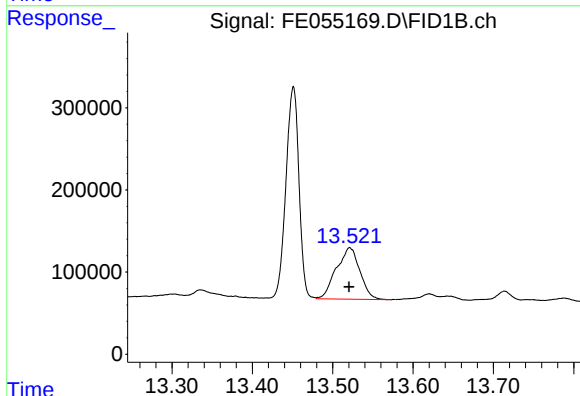
R.T.: 13.068 min
Delta R.T.: -0.004 min
Response: 68839
Conc: 0.55 ug/ml



#11 n-Heneicosane (C21)

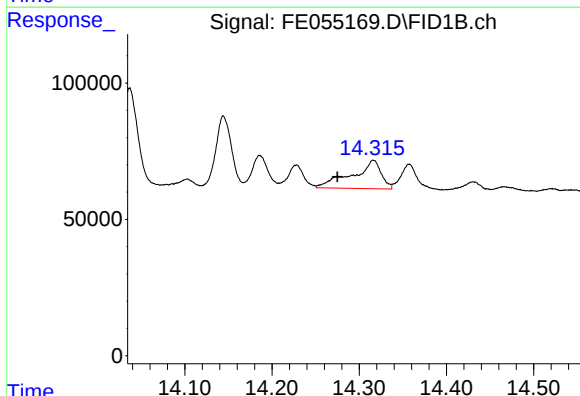
R.T.: 13.714 min
Delta R.T.: 0.027 min
Response: 173550
Conc: 1.41 ug/ml

Instrument :
FID_E
ClientSampleId :
256DL



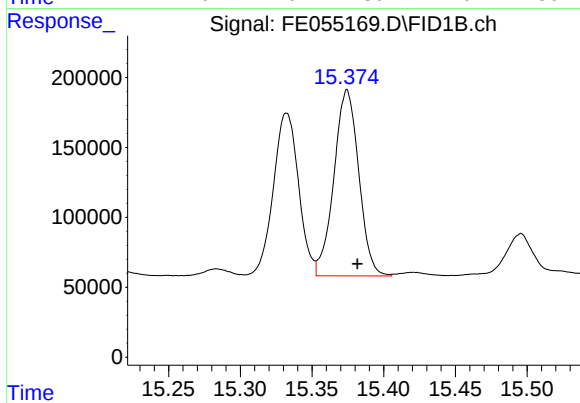
#12 1-chlorooctadecane (SURR)

R.T.: 13.521 min
Delta R.T.: 0.001 min
Response: 1272807
Conc: 11.84 ug/ml



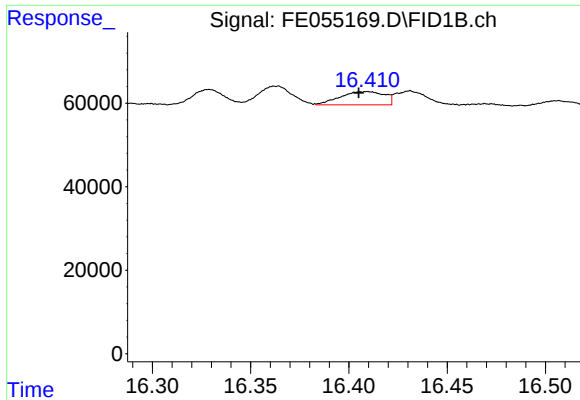
#13 n-Docosane (C22)

R.T.: 14.316 min
Delta R.T.: 0.041 min
Response: 241357
Conc: 1.98 ug/ml



#14 n-Tetracosane (C24)

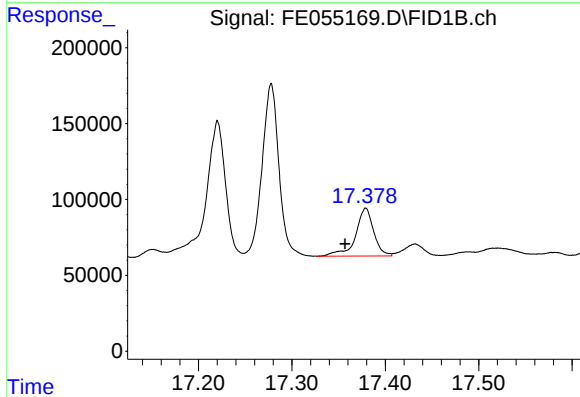
R.T.: 15.374 min
Delta R.T.: -0.007 min
Response: 1604353
Conc: 13.19 ug/ml



#15 n-Hexacosane (C26)

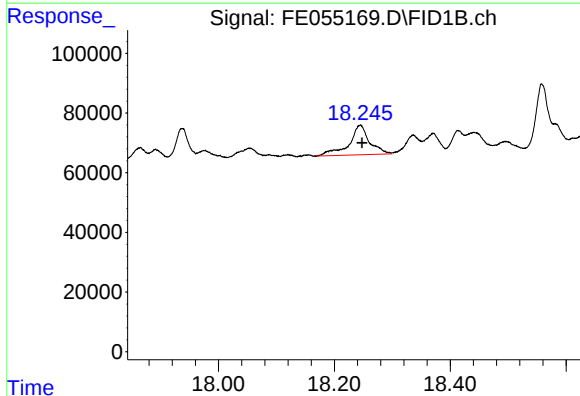
R.T.: 16.408 min
Delta R.T.: 0.003 min
Response: 49942
Conc: 0.42 ug/ml

Instrument :
FID_E
ClientSampleId :
256DL



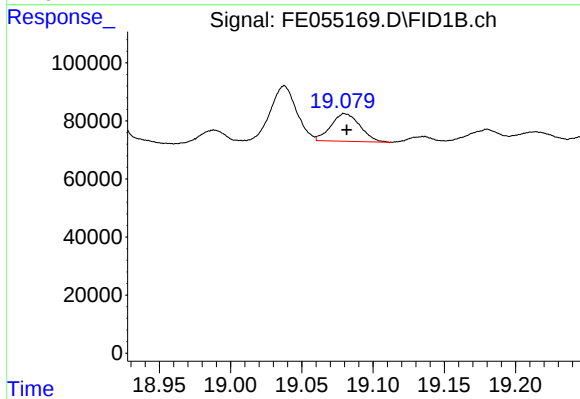
#16 n-Octacosane (C28)

R.T.: 17.379 min
Delta R.T.: 0.022 min
Response: 426175
Conc: 3.59 ug/ml



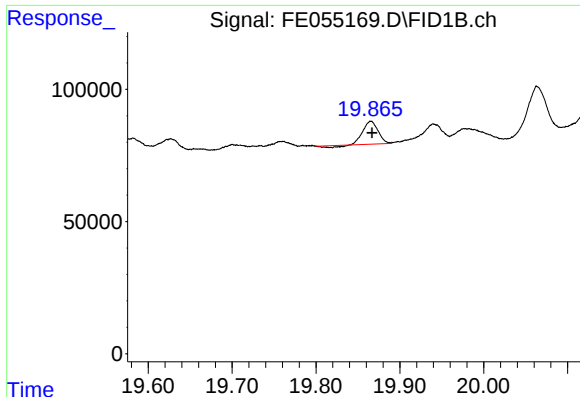
#17 n-Tricontane (C30)

R.T.: 18.245 min
Delta R.T.: -0.003 min
Response: 245115
Conc: 1.99 ug/ml



#18 n-Dotriacontane (C32)

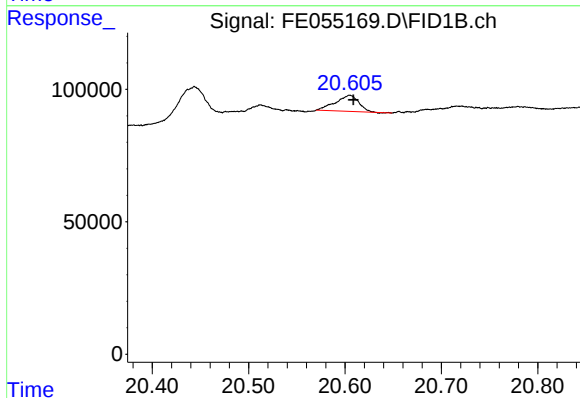
R.T.: 19.081 min
Delta R.T.: 0.000 min
Response: 135503
Conc: 1.11 ug/ml



#19 n-Tetratriacontane (C34)

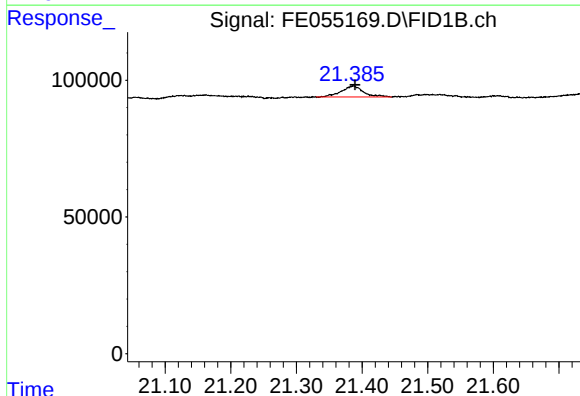
R.T.: 19.865 min
Delta R.T.: -0.001 min
Response: 100925
Conc: 0.86 ug/ml

Instrument :
FID_E
ClientSampleId :
256DL



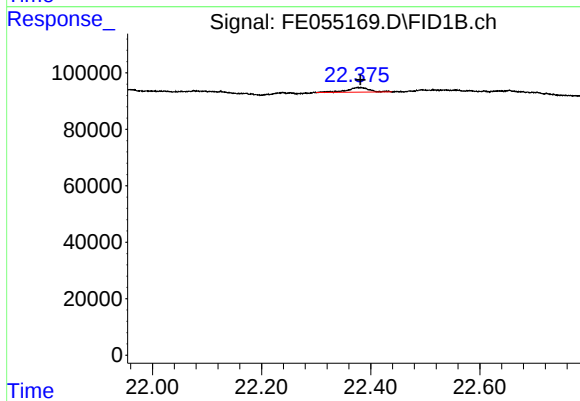
#20 n-Hexatriacontane (C36)

R.T.: 20.605 min
Delta R.T.: -0.004 min
Response: 101951
Conc: 0.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.386 min
Delta R.T.: -0.003 min
Response: 94251
Conc: 0.87 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.380 min
Delta R.T.: -0.001 min
Response: 46130
Conc: 0.44 ug/ml