

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090925AL\
 Data File : FE055732.D
 Signal(s) : FID1B.ch
 Acq On : 09 Sep 2025 08:48
 Operator : YP\AJ
 Sample : Q3031-01DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 09 11:39:27 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)	12.078	2492450	15.172 ug/ml
Spiked Amount 50.000		Recovery =	30.34%
12) S 1-chlorooctadecane (S...	13.515	3075521	24.595 ug/ml
Spiked Amount 50.000		Recovery =	49.19%
Target Compounds			
6) T n-Tetradecane (C14)	8.617f	82050	0.623 ug/ml
7) T n-Hexadecane (C16)	10.323	236308	1.706 ug/ml
10) T n-Eicosane (C20)	13.063	347797	2.416 ug/ml
11) T n-Heneicosane (C21)	13.711	473667	3.316 ug/ml
13) T n-Docosane (C22)	14.272	526217	3.676 ug/ml
14) T n-Tetracosane (C24)	15.377	3924185	27.120 ug/ml
15) T n-Hexacosane (C26)	16.402	270551	1.894 ug/ml
16) T n-Octacosane (C28)	17.352	231734	1.629 ug/ml
17) T n-Tricontane (C30)	18.243	753959	5.101 ug/ml
18) T n-Dotriacontane (C32)	19.076	692373	4.717 ug/ml
19) T n-Tetratriacontane (C34)	19.862	654894	4.635 ug/ml
20) T n-Hexatriacontane (C36)	20.604	506060	3.835 ug/ml
21) T n-Octatriacontane (C38)	21.382	421705	3.238 ug/ml
22) T n-Tetracontane (C40)	22.370	236673	1.846 ug/ml

(f)=RT Delta > 1/2 Window

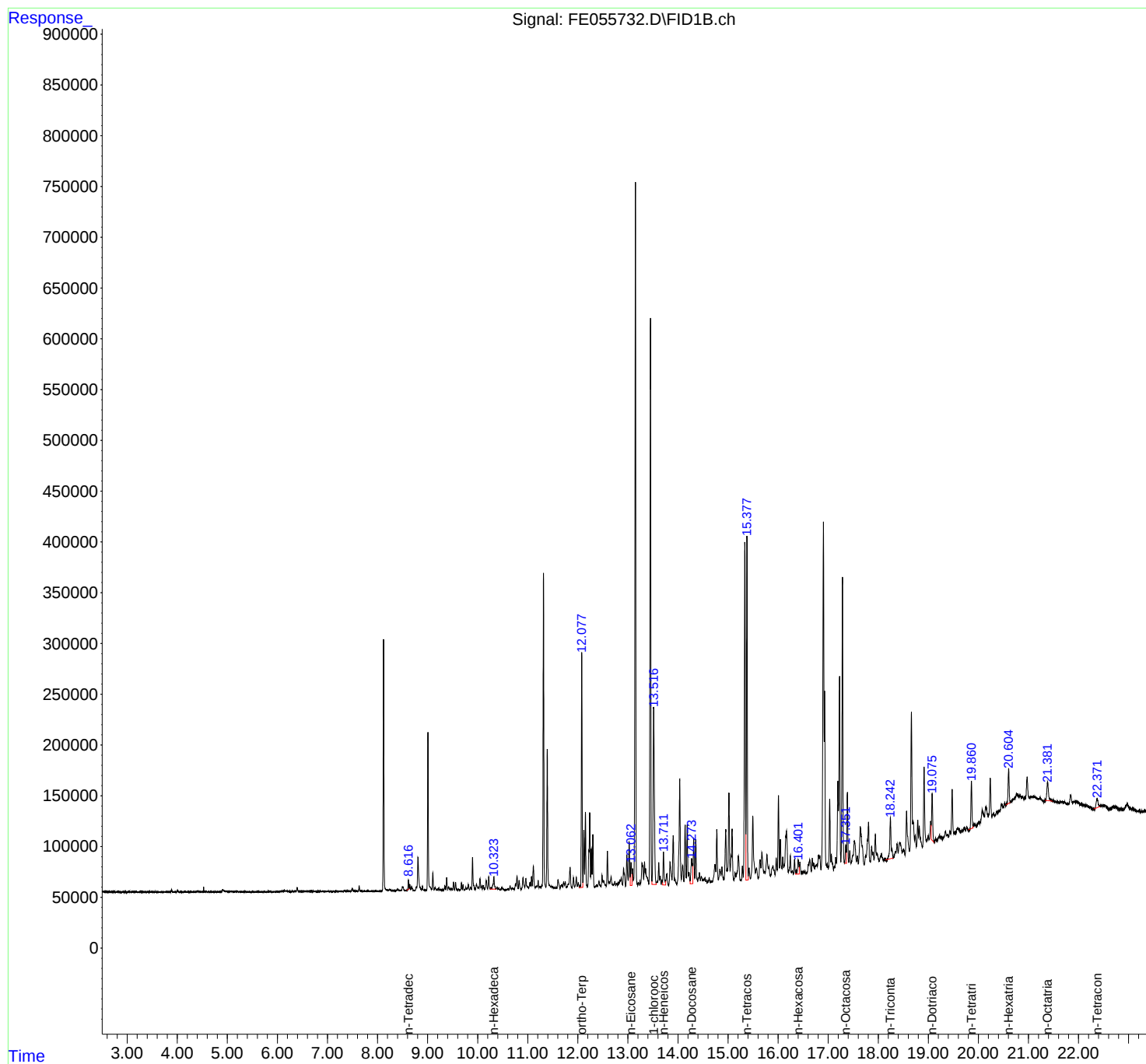
(m)=manual int.

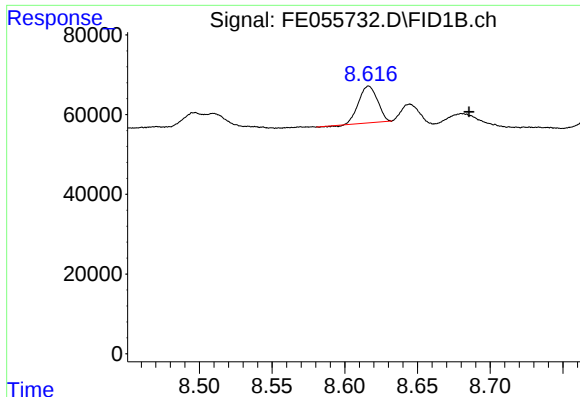
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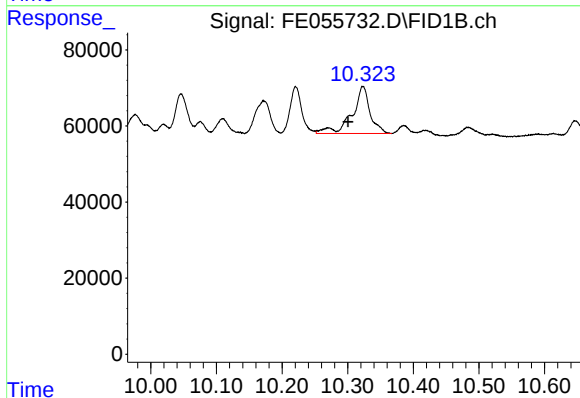




#6 n-Tetradecane (C14)

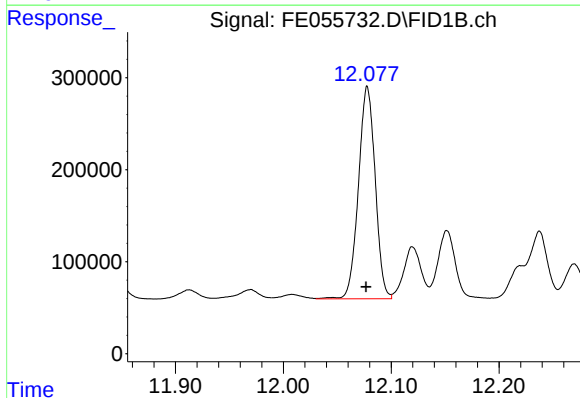
R.T.: 8.617 min
Delta R.T.: -0.069 min
Response: 82050
Conc: 0.62 ug/ml

Instrument :
FID_E
ClientSampleId :



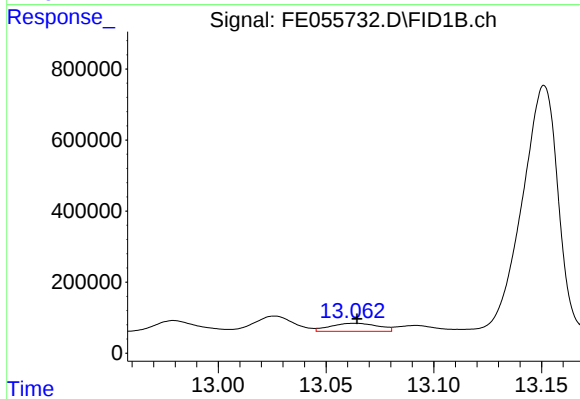
#7 n-Hexadecane (C16)

R.T.: 10.323 min
Delta R.T.: 0.023 min
Response: 236308
Conc: 1.71 ug/ml



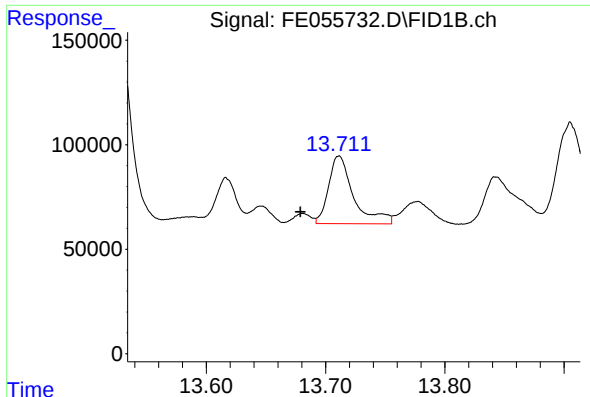
#9 ortho-Terphenyl (SURR)

R.T.: 12.078 min
Delta R.T.: 0.001 min
Response: 2492450
Conc: 15.17 ug/ml



#10 n-Eicosane (C20)

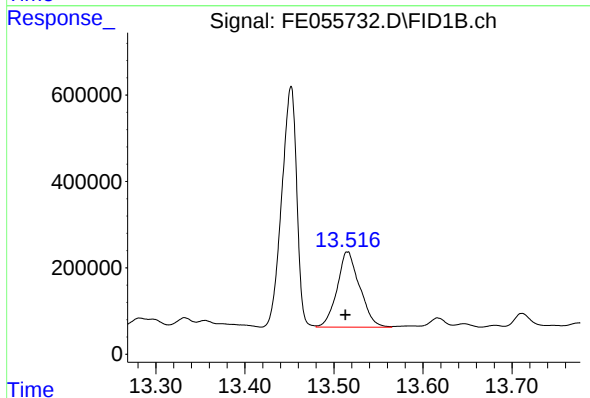
R.T.: 13.063 min
Delta R.T.: -0.001 min
Response: 347797
Conc: 2.42 ug/ml



#11 n-Heneicosane (C21)

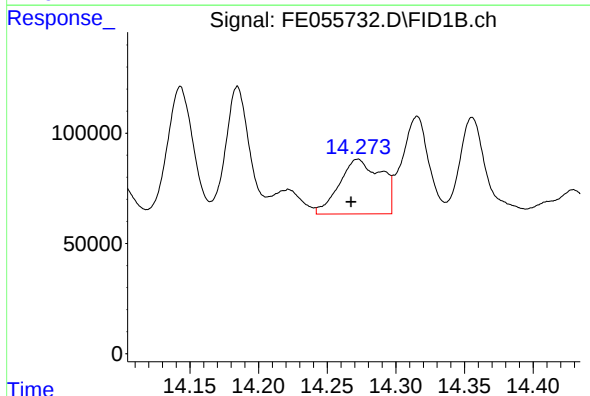
R.T.: 13.711 min
Delta R.T.: 0.033 min
Response: 473667
Conc: 3.32 ug/ml

Instrument :
FID_E
ClientSampleId :



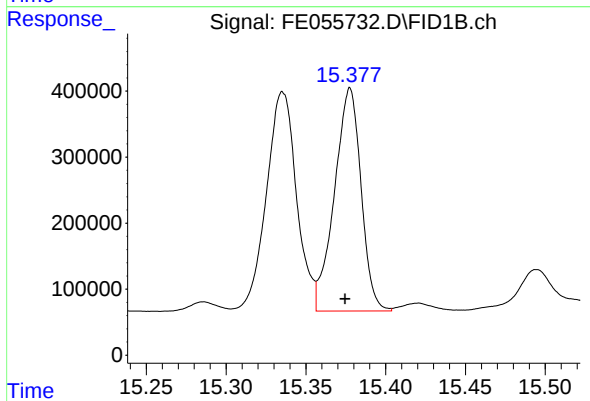
#12 1-chlorooctadecane (SURR)

R.T.: 13.515 min
Delta R.T.: 0.003 min
Response: 3075521
Conc: 24.60 ug/ml



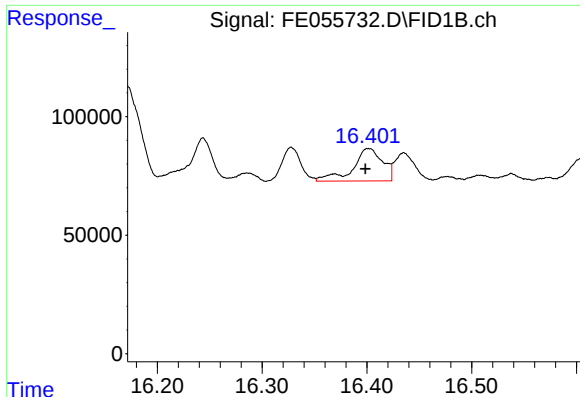
#13 n-Docosane (C22)

R.T.: 14.272 min
Delta R.T.: 0.005 min
Response: 526217
Conc: 3.68 ug/ml



#14 n-Tetracosane (C24)

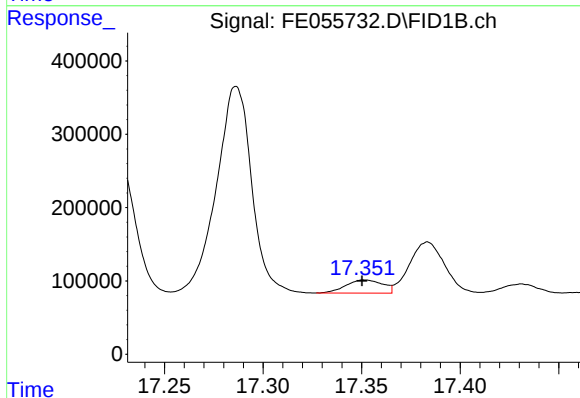
R.T.: 15.377 min
Delta R.T.: 0.003 min
Response: 3924185
Conc: 27.12 ug/ml



#15 n-Hexacosane (C26)

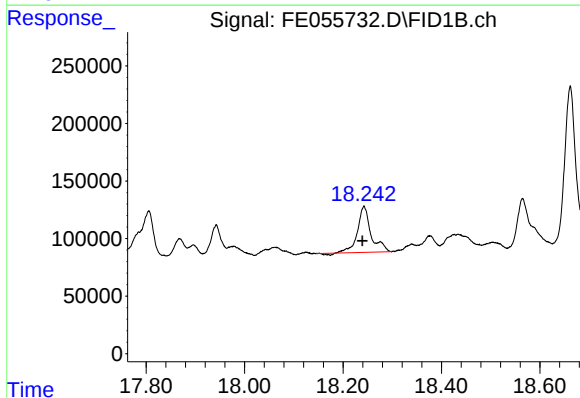
R.T.: 16.402 min
Delta R.T.: 0.003 min
Response: 270551
Conc: 1.89 ug/ml

Instrument :
FID_E
ClientSampleId :



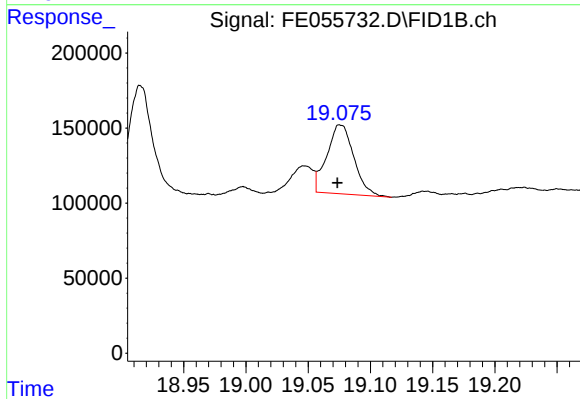
#16 n-Octacosane (C28)

R.T.: 17.352 min
Delta R.T.: 0.002 min
Response: 231734
Conc: 1.63 ug/ml



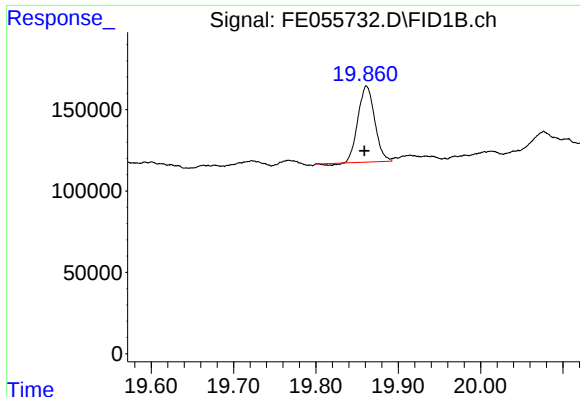
#17 n-Tricontane (C30)

R.T.: 18.243 min
Delta R.T.: 0.003 min
Response: 753959
Conc: 5.10 ug/ml



#18 n-Dotriacontane (C32)

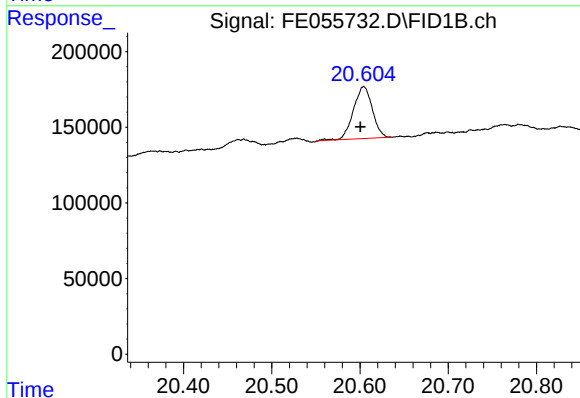
R.T.: 19.076 min
Delta R.T.: 0.002 min
Response: 692373
Conc: 4.72 ug/ml



#19 n-Tetratriacontane (C34)

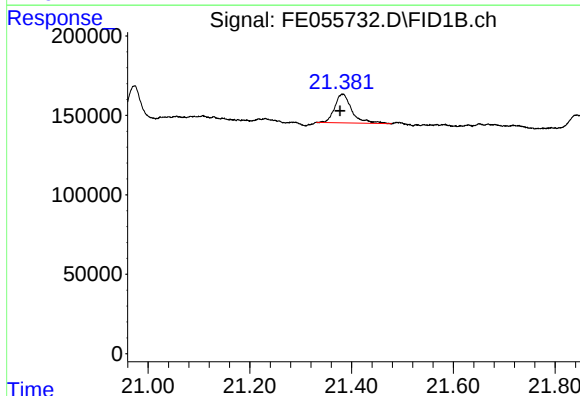
R.T.: 19.862 min
Delta R.T.: 0.003 min
Response: 654894
Conc: 4.64 ug/ml

Instrument :
FID_E
ClientSampleId :



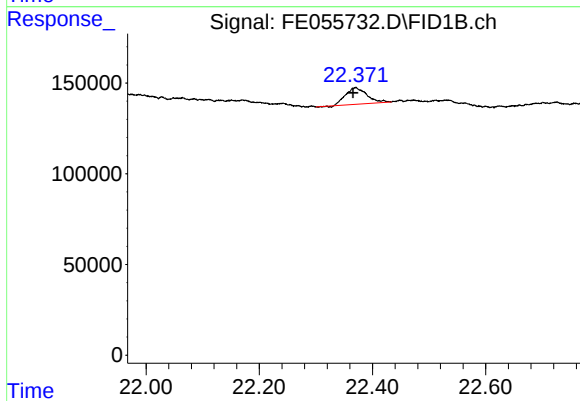
#20 n-Hexatriacontane (C36)

R.T.: 20.604 min
Delta R.T.: 0.004 min
Response: 506060
Conc: 3.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.382 min
Delta R.T.: 0.005 min
Response: 421705
Conc: 3.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.370 min
Delta R.T.: 0.004 min
Response: 236673
Conc: 1.85 ug/ml