

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080825AL\
 Data File : FE055204.D
 Signal(s) : FID1B.ch
 Acq On : 08 Aug 2025 10:44
 Operator : YP\AJ
 Sample : Q2786-03DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PL-01-08062025-E3DL

Integration File: autoint1.e
 Quant Time: Aug 08 11:24:29 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)	12.085	1045103	7.318 ug/ml
Spiked Amount 50.000		Recovery =	14.64%
12) S 1-chlorooctadecane (S...	13.522	770946	7.170 ug/ml
Spiked Amount 50.000		Recovery =	14.34%
Target Compounds			
6) T n-Tetradecane (C14)	8.696	43719	0.357 ug/ml
11) T n-Heneicosane (C21)	13.685	36661	0.297 ug/ml
14) T n-Tetracosane (C24)	15.378	71825	0.590 ug/ml
15) T n-Hexacosane (C26)	16.407	77083	0.644 ug/ml
16) T n-Octacosane (C28)	17.359	53700	0.453 ug/ml
17) T n-Tricontane (C30)	18.259	331201	2.692 ug/ml
18) T n-Dotriacontane (C32)	19.084	250934	2.057 ug/ml
20) T n-Hexatriacontane (C36)	20.608	4309	0.039 ug/ml
22) T n-Tetracontane (C40)	22.369	207377	1.983 ug/ml

(f)=RT Delta > 1/2 Window

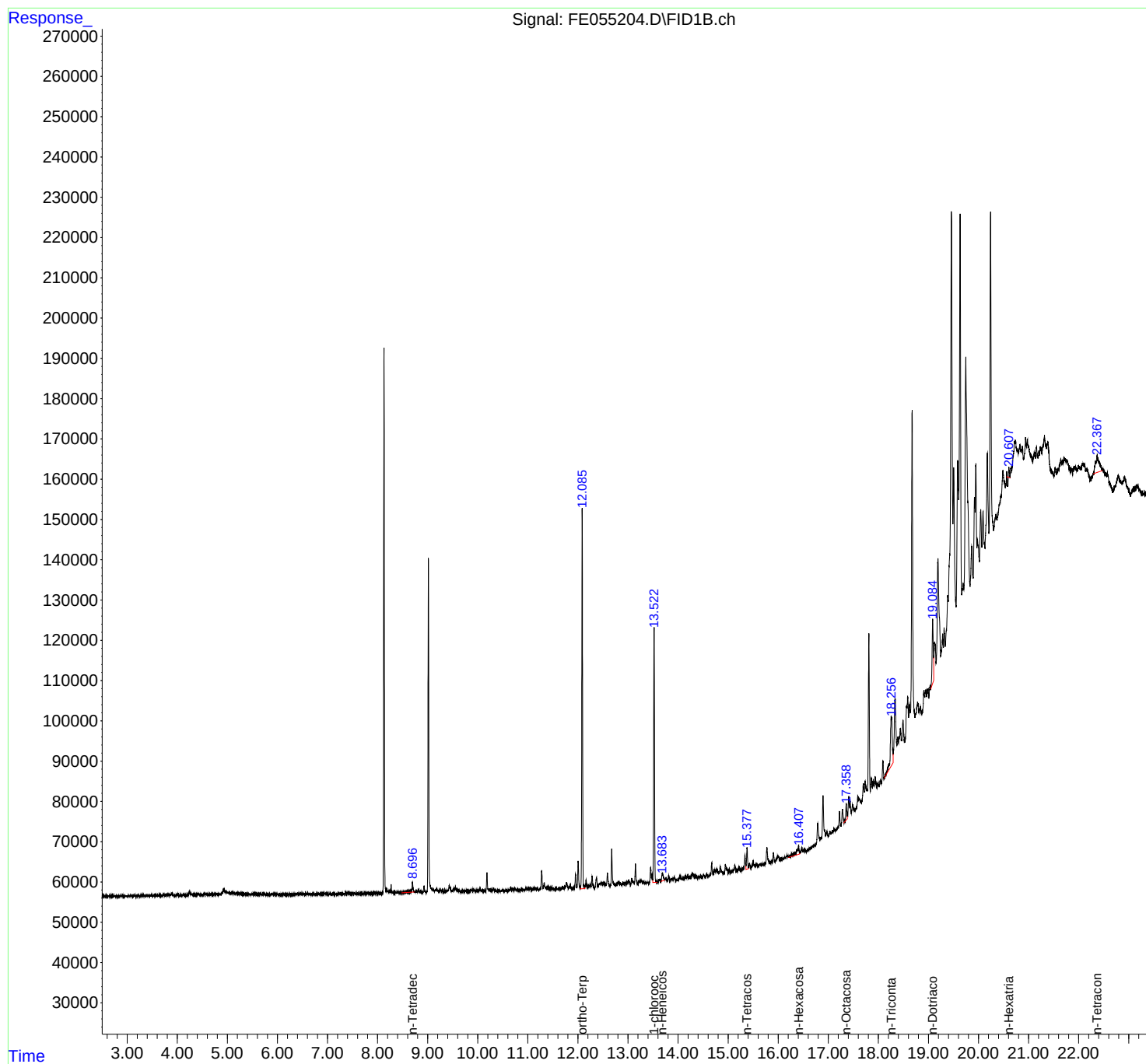
(m)=manual int.

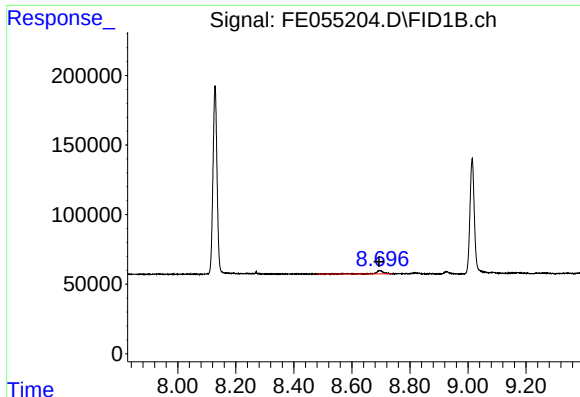
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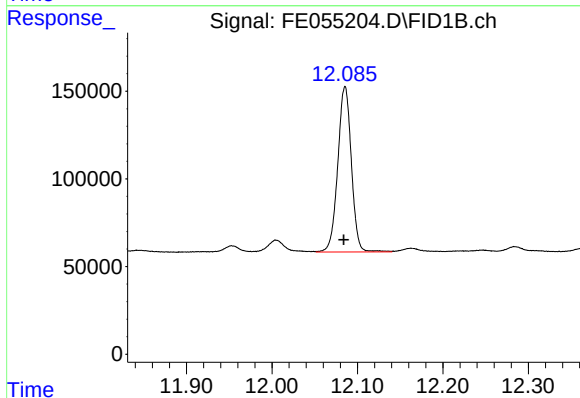




#6 n-Tetradecane (C14)

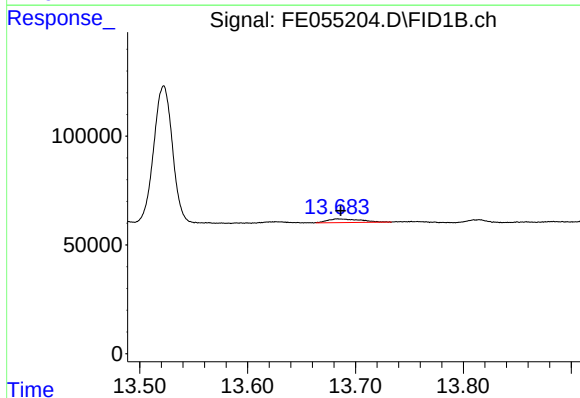
R.T.: 8.696 min
Delta R.T.: 0.002 min
Response: 43719
Conc: 0.36 ug/ml

Instrument :
FID_E
ClientSampleId :
PL-01-08062025-E3DL



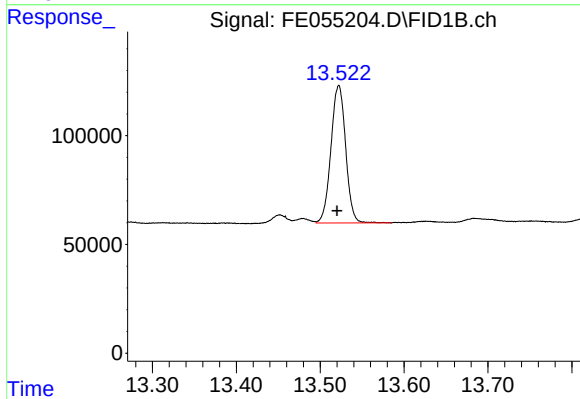
#9 ortho-Terphenyl (SURR)

R.T.: 12.085 min
Delta R.T.: 0.001 min
Response: 1045103
Conc: 7.32 ug/ml



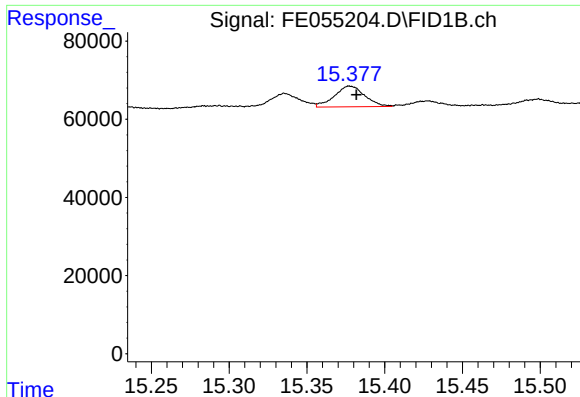
#11 n-Heneicosane (C21)

R.T.: 13.685 min
Delta R.T.: -0.001 min
Response: 36661
Conc: 0.30 ug/ml



#12 1-chlorooctadecane (SURR)

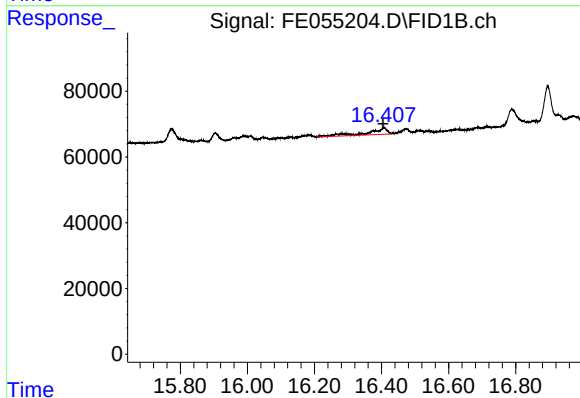
R.T.: 13.522 min
Delta R.T.: 0.002 min
Response: 770946
Conc: 7.17 ug/ml



#14 n-Tetracosane (C24)

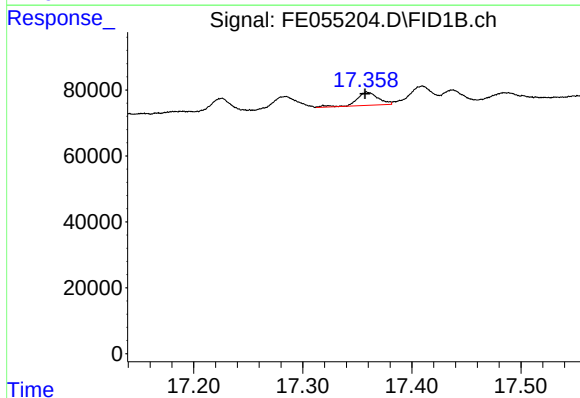
R.T.: 15.378 min
Delta R.T.: -0.004 min
Response: 71825
Conc: 0.59 ug/ml

Instrument :
FID_E
ClientSampleId :
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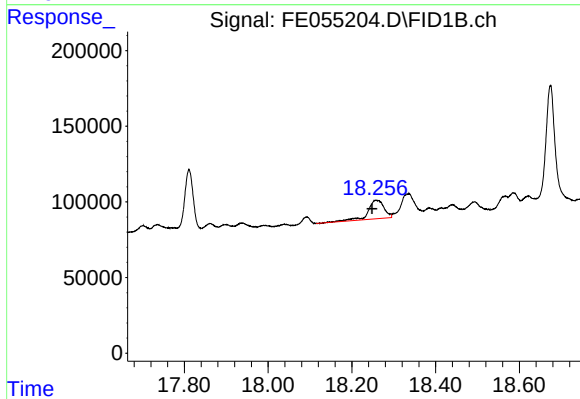
#15 n-Hexacosane (C26)

R.T.: 16.407 min
Delta R.T.: 0.002 min
Response: 77083
Conc: 0.64 ug/ml



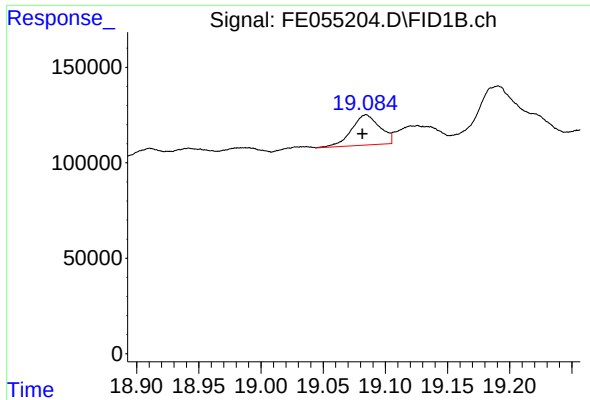
#16 n-Octacosane (C28)

R.T.: 17.359 min
Delta R.T.: 0.002 min
Response: 53700
Conc: 0.45 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.259 min
Delta R.T.: 0.011 min
Response: 331201
Conc: 2.69 ug/ml



#18 n-Dotriacontane (C32)

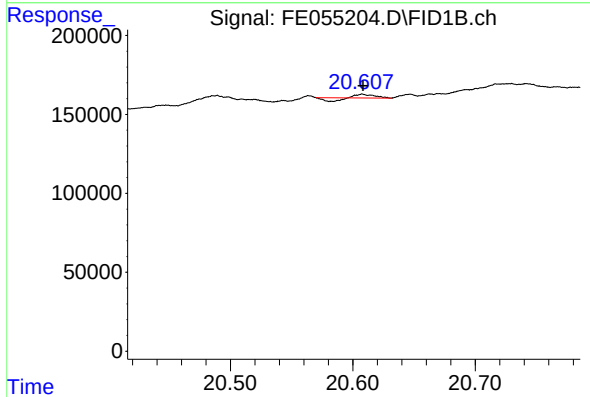
R.T.: 19.084 min
Delta R.T.: 0.003 min
Response: 250934
Conc: 2.06 ug/ml

Instrument :

FID_E

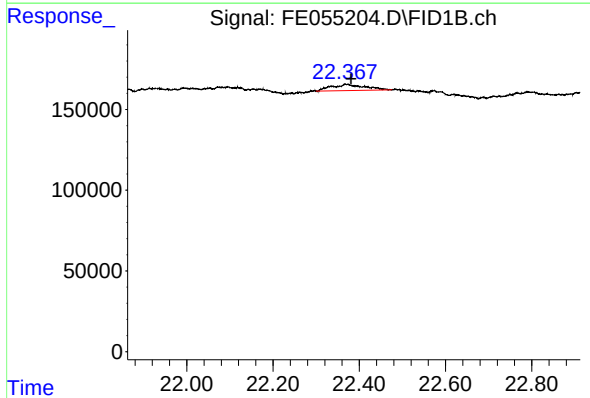
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#20 n-Hexatriacontane (C36)

R.T.: 20.608 min
Delta R.T.: 0.000 min
Response: 4309
Conc: 0.04 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.369 min
Delta R.T.: -0.012 min
Response: 207377
Conc: 1.98 ug/ml