

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
 Data File : FE056595.D
 Signal(s) : FID1B.ch
 Acq On : 30 Oct 2025 21:00
 Operator : YP\AJ
 Sample : Q3490-01 50X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 31 01:24:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:50:27 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)	11.976	325193	1.557 ug/ml
Spiked Amount 50.000		Recovery =	3.11%
12) S 1-chlorooctadecane (S...	13.406	5583768	34.657 ug/ml
Spiked Amount 50.000		Recovery =	69.31%
Target Compounds			
4) T n-Dodecane (C12)	6.755	206679	1.188 ug/ml
5) T A~2-methylnaphthalene...	7.403	105536	0.596 ug/ml
6) T n-Tetradecane (C14)	8.590	258739	1.482 ug/ml
7) T n-Hexadecane (C16)	10.204	402604	2.201 ug/ml
8) T n-Octadecane (C18)	11.652	810482	4.282 ug/ml
10) T n-Eicosane (C20)	12.968	1130545	6.066 ug/ml
11) T n-Heneicosane (C21)	13.583	1016296	5.527 ug/ml
13) T n-Docosane (C22)	14.172	1040202	5.557 ug/ml
14) T n-Tetracosane (C24)	15.283	832411	4.250 ug/ml
15) T n-Hexacosane (C26)	16.358f	2673997	13.760 ug/ml
16) T n-Octacosane (C28)	17.262	155516	0.803 ug/ml
17) T n-Tricontane (C30)	18.125	202978	1.012 ug/ml
18) T n-Dotriacontane (C32)	18.986	464483	2.362 ug/ml
19) T n-Tetratriacontane (C34)	19.786	82234	0.476 ug/ml

(f)=RT Delta > 1/2 Window

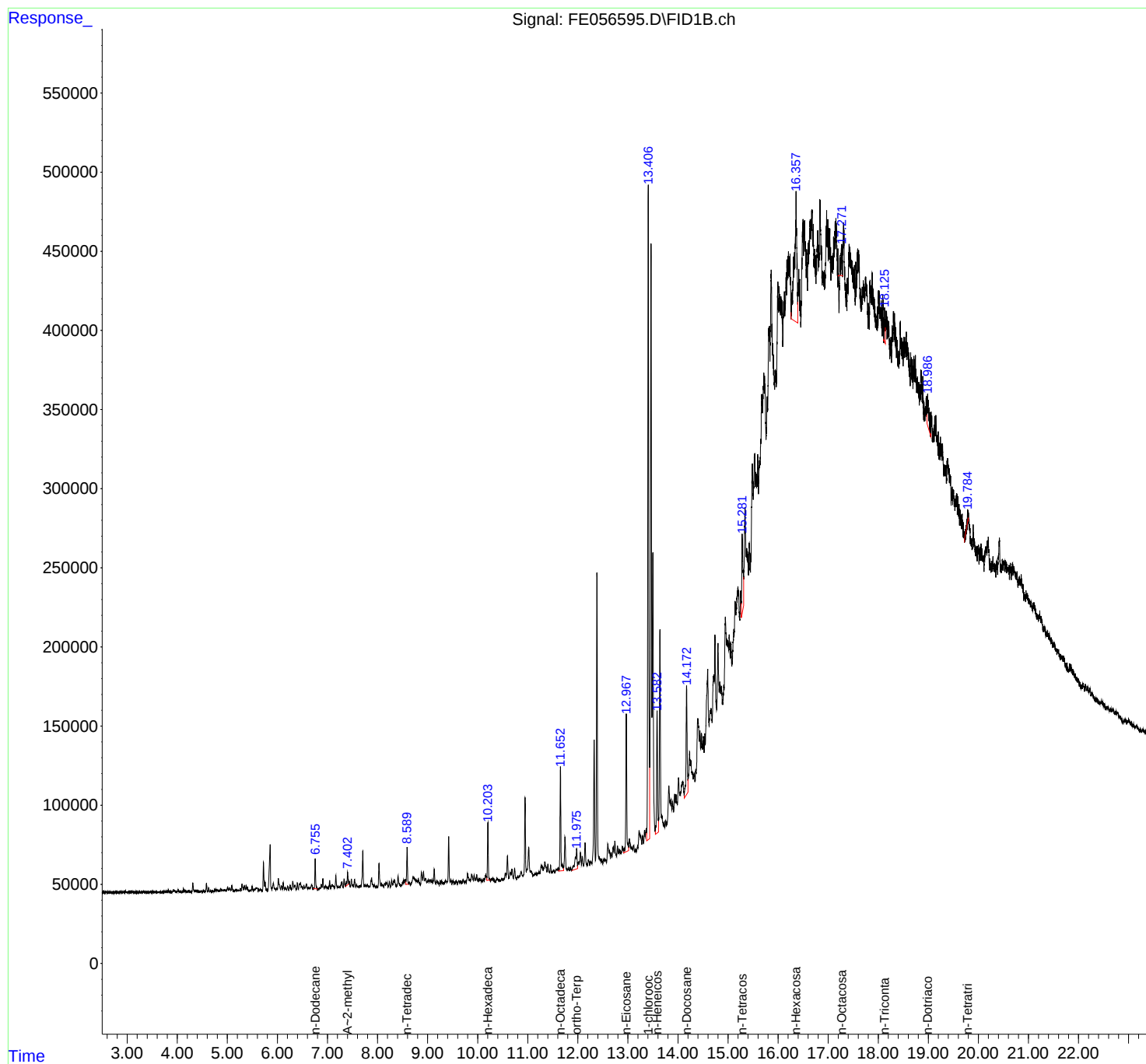
(m)=manual int.

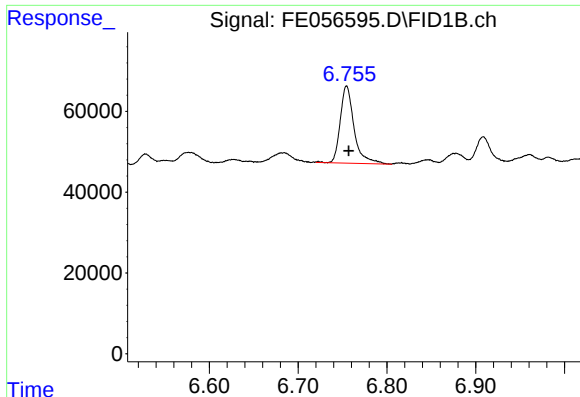
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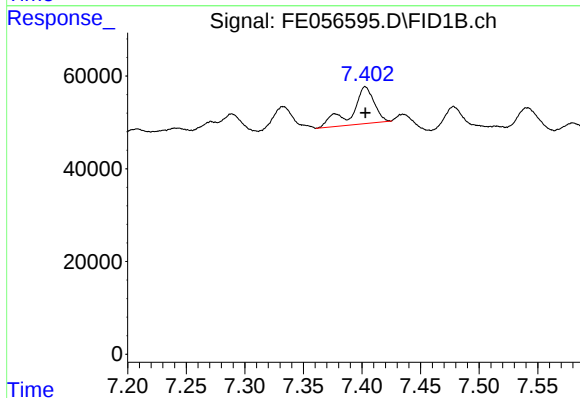




#4 n-Dodecane (C12)

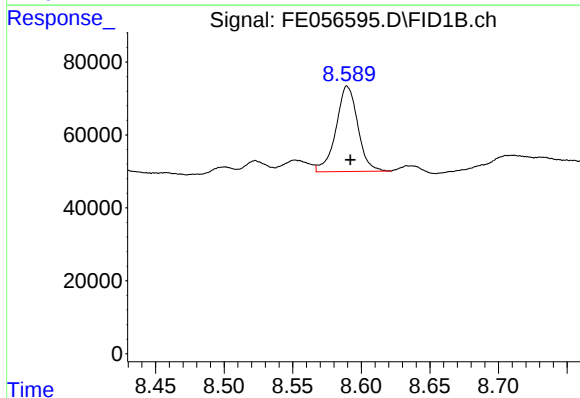
R.T.: 6.755 min
Delta R.T.: -0.002 min
Response: 206679
Conc: 1.19 ug/ml

Instrument :
FID_E
ClientSampleId :



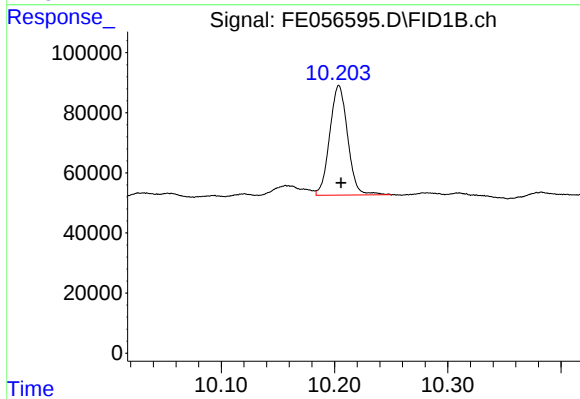
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.403 min
Delta R.T.: 0.000 min
Response: 105536
Conc: 0.60 ug/ml



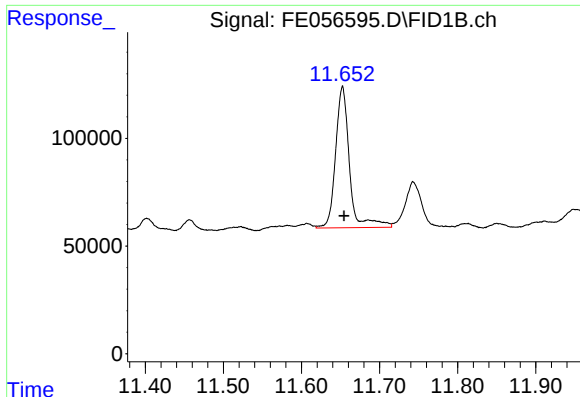
#6 n-Tetradecane (C14)

R.T.: 8.590 min
Delta R.T.: -0.002 min
Response: 258739
Conc: 1.48 ug/ml



#7 n-Hexadecane (C16)

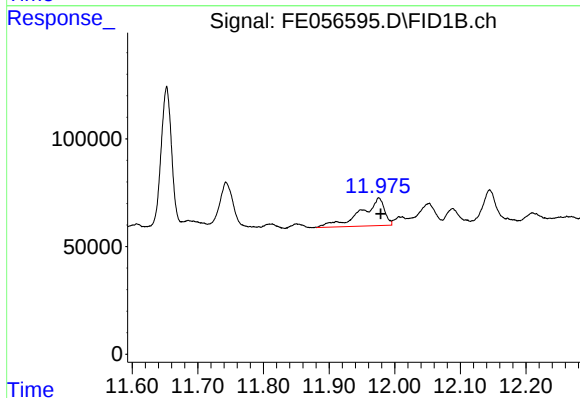
R.T.: 10.204 min
Delta R.T.: -0.002 min
Response: 402604
Conc: 2.20 ug/ml



#8 n-Octadecane (C18)

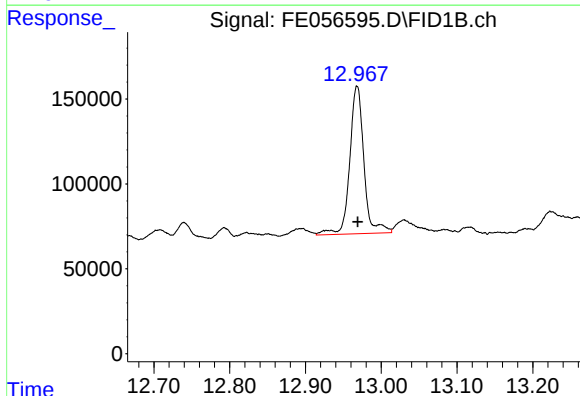
R.T.: 11.652 min
Delta R.T.: -0.002 min
Response: 810482
Conc: 4.28 ug/ml

Instrument :
FID_E
ClientSampleId :



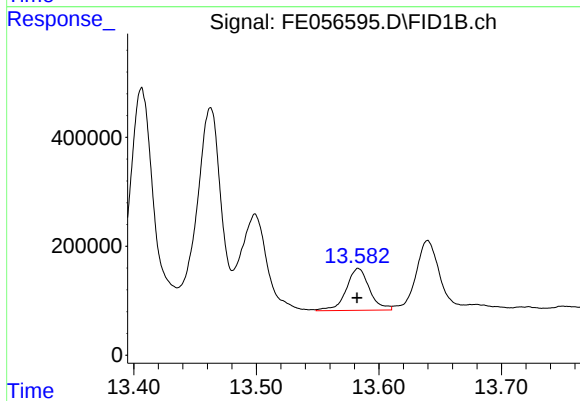
#9 ortho-Terphenyl (SURR)

R.T.: 11.976 min
Delta R.T.: -0.003 min
Response: 325193
Conc: 1.56 ug/ml



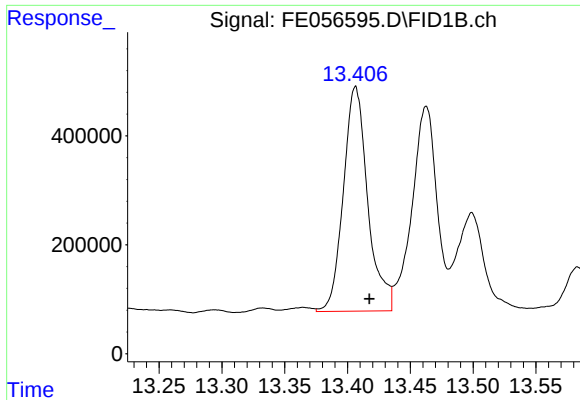
#10 n-Eicosane (C20)

R.T.: 12.968 min
Delta R.T.: 0.000 min
Response: 1130545
Conc: 6.07 ug/ml



#11 n-Heneicosane (C21)

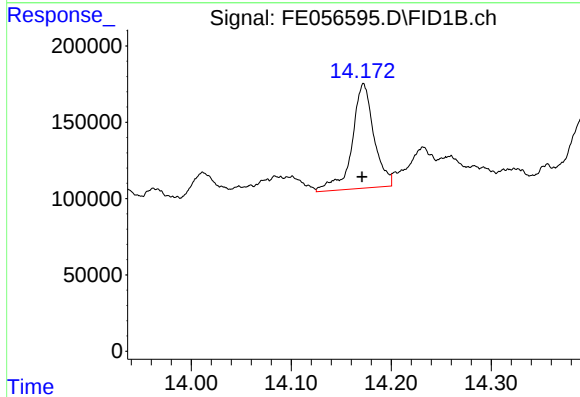
R.T.: 13.583 min
Delta R.T.: 0.000 min
Response: 1016296
Conc: 5.53 ug/ml



#12 1-chlorooctadecane (SURR)

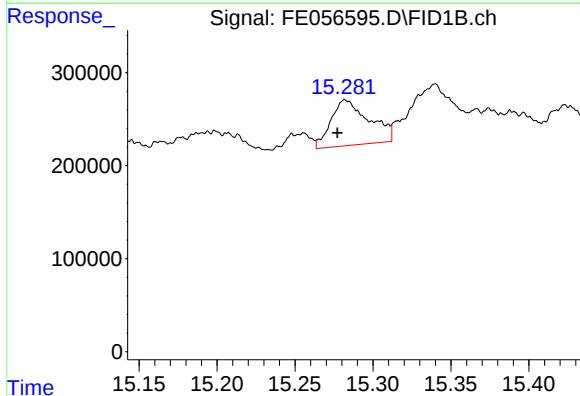
R.T.: 13.406 min
Delta R.T.: -0.011 min
Response: 5583768
Conc: 34.66 ug/ml

Instrument :
FID_E
ClientSampleId :



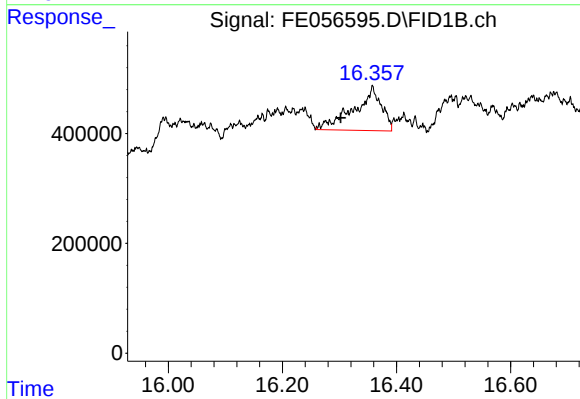
#13 n-Docosane (C22)

R.T.: 14.172 min
Delta R.T.: 0.001 min
Response: 1040202
Conc: 5.56 ug/ml



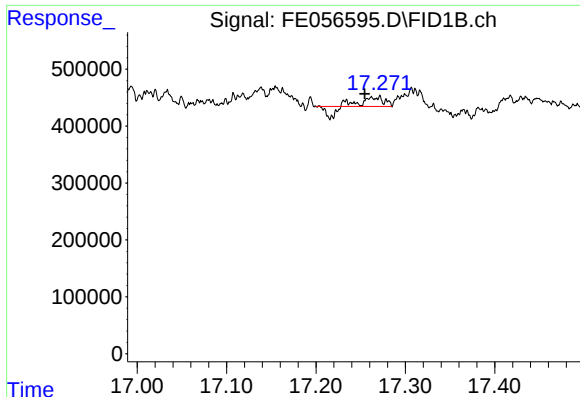
#14 n-Tetracosane (C24)

R.T.: 15.283 min
Delta R.T.: 0.005 min
Response: 832411
Conc: 4.25 ug/ml



#15 n-Hexacosane (C26)

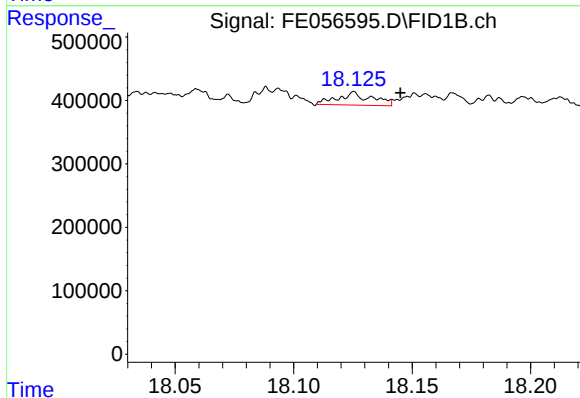
R.T.: 16.358 min
Delta R.T.: 0.056 min
Response: 2673997
Conc: 13.76 ug/ml



#16 n-Octacosane (C28)

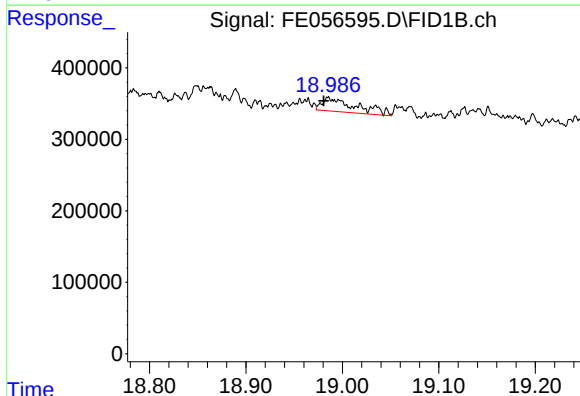
R.T.: 17.262 min
Delta R.T.: 0.008 min
Response: 155516
Conc: 0.80 ug/ml

Instrument :
FID_E
ClientSampleId :



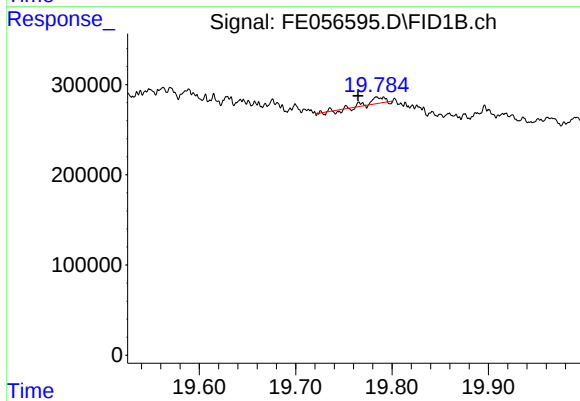
#17 n-Tricontane (C30)

R.T.: 18.125 min
Delta R.T.: -0.020 min
Response: 202978
Conc: 1.01 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.986 min
Delta R.T.: 0.006 min
Response: 464483
Conc: 2.36 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.786 min
Delta R.T.: 0.021 min
Response: 82234
Conc: 0.48 ug/ml