

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072225AL\
 Data File : FE054955.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jul 2025 09:24
 Operator : YP\AJ
 Sample : Q2651-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 23 04:28:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.093	4222881	26.004 ug/ml
Spiked Amount 50.000		Recovery =	52.01%
12) S 1-chlorooctadecane (S...	13.528	2900289	22.965 ug/ml
Spiked Amount 50.000		Recovery =	45.93%
Target Compounds			
8) T n-Octadecane (C18)	11.762	35278	0.241 ug/ml
10) T n-Eicosane (C20)	13.078	49942	0.347 ug/ml
11) T n-Heneicosane (C21)	13.693	26603	0.186 ug/ml
13) T n-Docosane (C22)	14.281	34146	0.239 ug/ml
14) T n-Tetracosane (C24)	15.383	55981	0.385 ug/ml
15) T n-Hexacosane (C26)	16.411	49513	0.342 ug/ml
16) T n-Octacosane (C28)	17.363	112159	0.770 ug/ml
17) T n-Tricontane (C30)	18.255	247657	1.572 ug/ml
18) T n-Dotriacontane (C32)	19.089	263150	1.627 ug/ml
19) T n-Tetratriacontane (C34)	19.876	165680	1.087 ug/ml
20) T n-Hexatriacontane (C36)	20.616	142523	1.060 ug/ml
21) T n-Octatriacontane (C38)	21.398	299344	2.552 ug/ml
22) T n-Tetracontane (C40)	22.388	147734	1.363 ug/ml

(f)=RT Delta > 1/2 Window

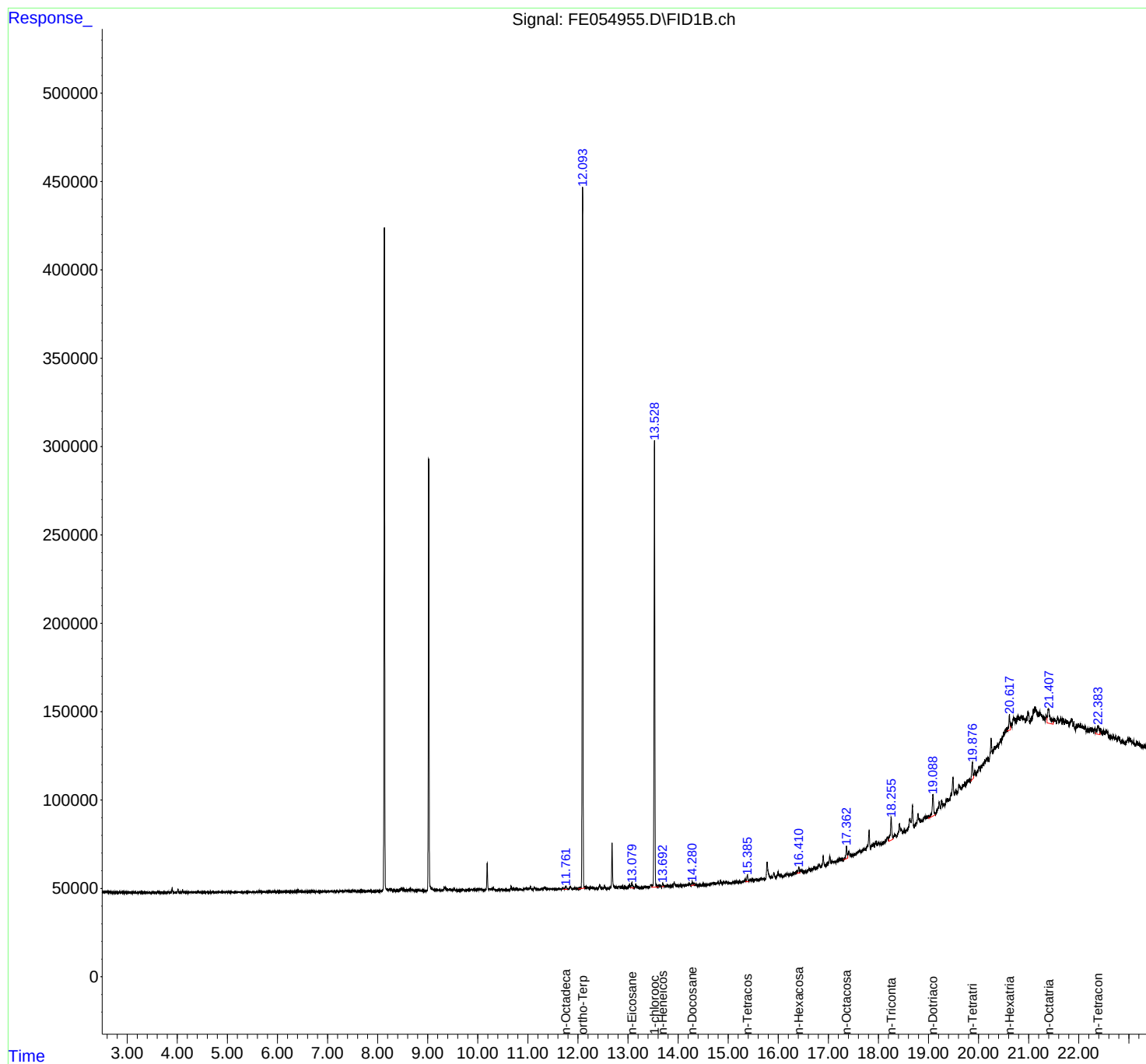
(m)=manual int.

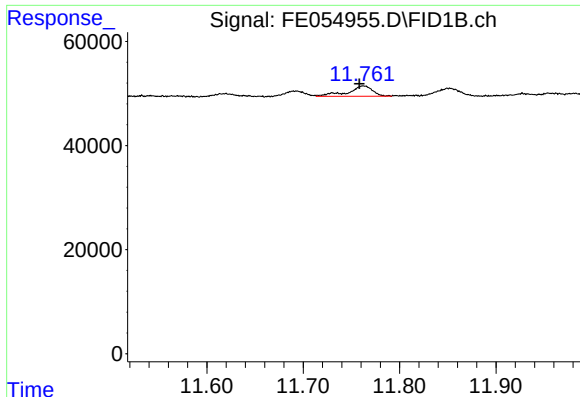
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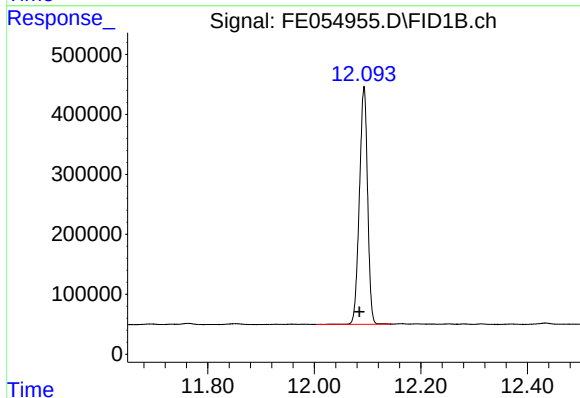




#8 n-Octadecane (C18)

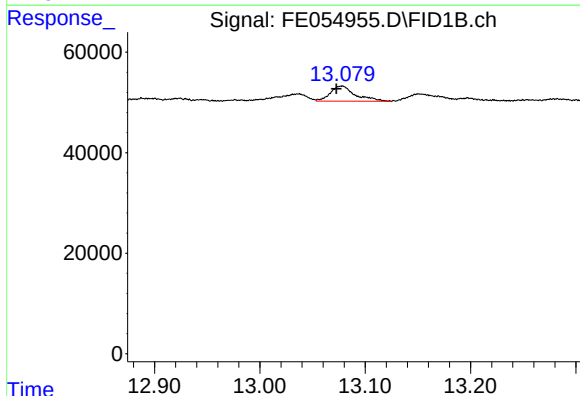
R.T.: 11.762 min
Delta R.T.: 0.004 min
Response: 35278
Conc: 0.24 ug/ml

Instrument :
FID_E
ClientSampleId :



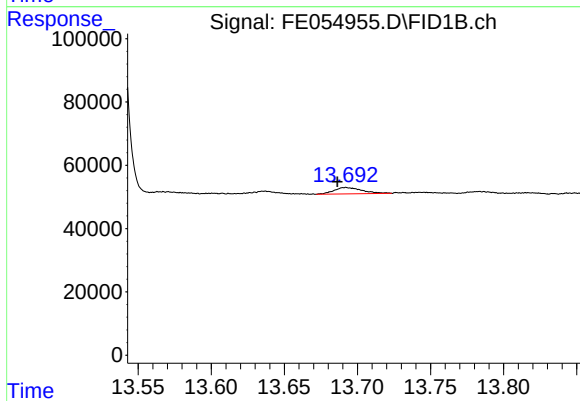
#9 ortho-Terphenyl (SURR)

R.T.: 12.093 min
Delta R.T.: 0.008 min
Response: 4222881
Conc: 26.00 ug/ml



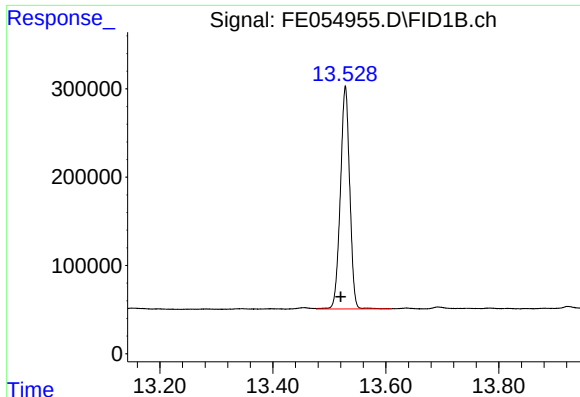
#10 n-Eicosane (C20)

R.T.: 13.078 min
Delta R.T.: 0.005 min
Response: 49942
Conc: 0.35 ug/ml



#11 n-Heneicosane (C21)

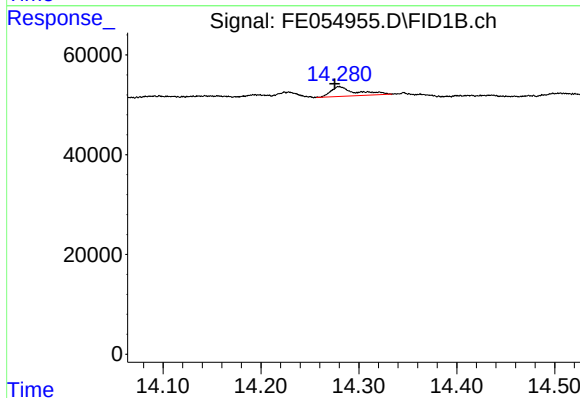
R.T.: 13.693 min
Delta R.T.: 0.006 min
Response: 26603
Conc: 0.19 ug/ml



#12 1-chlorooctadecane (SURR)

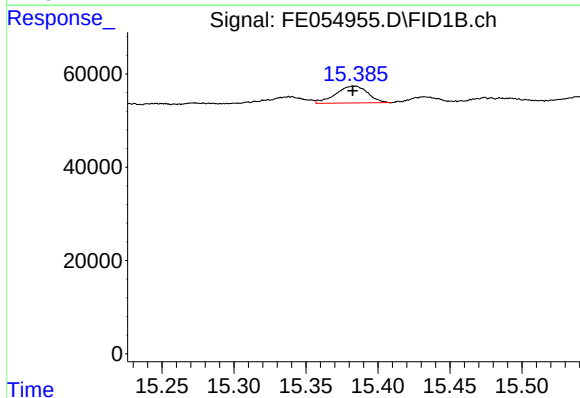
R.T.: 13.528 min
Delta R.T.: 0.008 min
Response: 2900289
Conc: 22.96 ug/ml

Instrument :
FID_E
ClientSampleId :



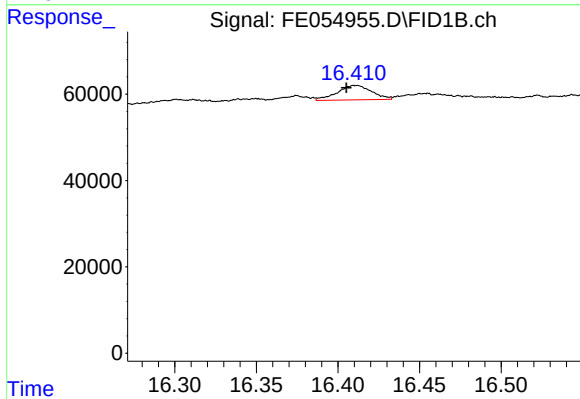
#13 n-Docosane (C22)

R.T.: 14.281 min
Delta R.T.: 0.005 min
Response: 34146
Conc: 0.24 ug/ml



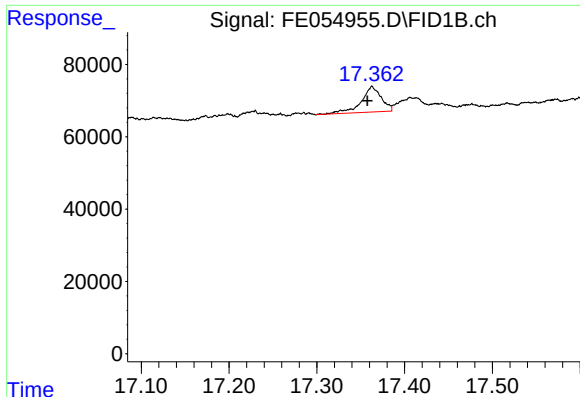
#14 n-Tetracosane (C24)

R.T.: 15.383 min
Delta R.T.: 0.000 min
Response: 55981
Conc: 0.39 ug/ml



#15 n-Hexacosane (C26)

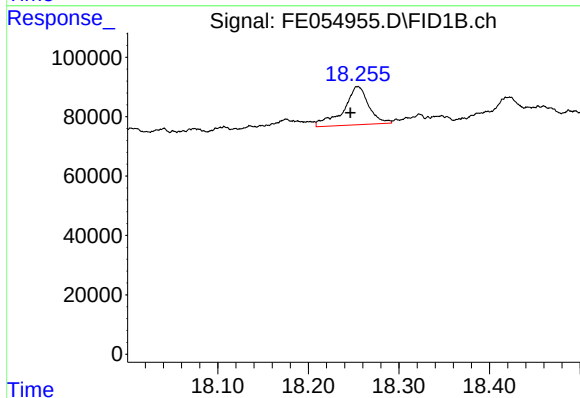
R.T.: 16.411 min
Delta R.T.: 0.005 min
Response: 49513
Conc: 0.34 ug/ml



#16 n-Octacosane (C28)

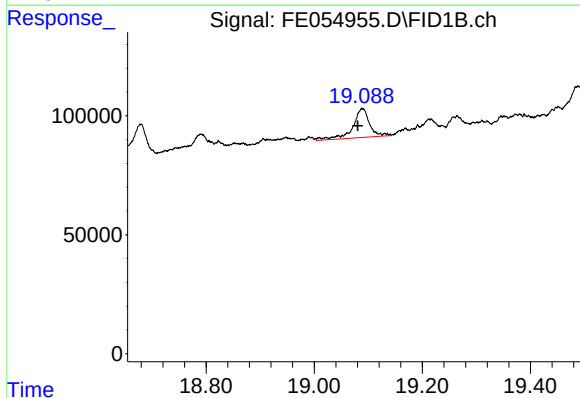
R.T.: 17.363 min
Delta R.T.: 0.006 min
Response: 112159
Conc: 0.77 ug/ml

Instrument :
FID_E
ClientSampleId :



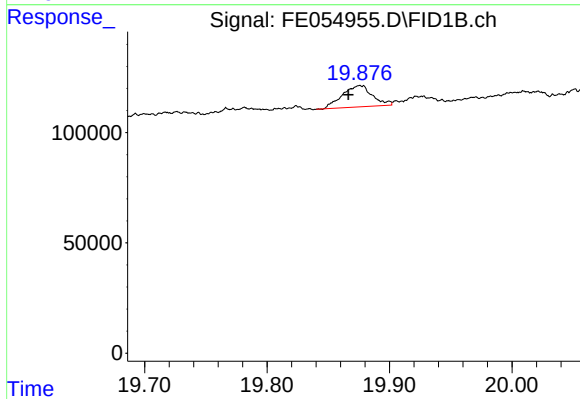
#17 n-Tricontane (C30)

R.T.: 18.255 min
Delta R.T.: 0.008 min
Response: 247657
Conc: 1.57 ug/ml



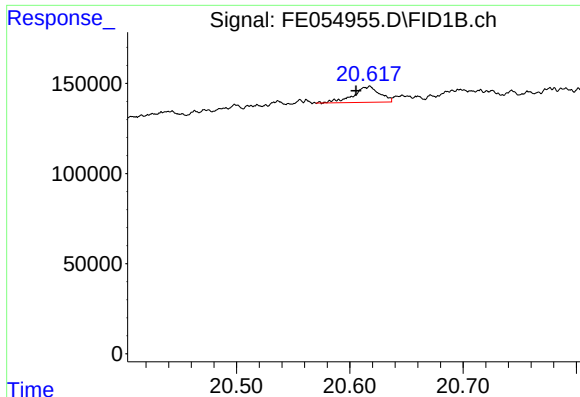
#18 n-Dotriacontane (C32)

R.T.: 19.089 min
Delta R.T.: 0.008 min
Response: 263150
Conc: 1.63 ug/ml



#19 n-Tetratriacontane (C34)

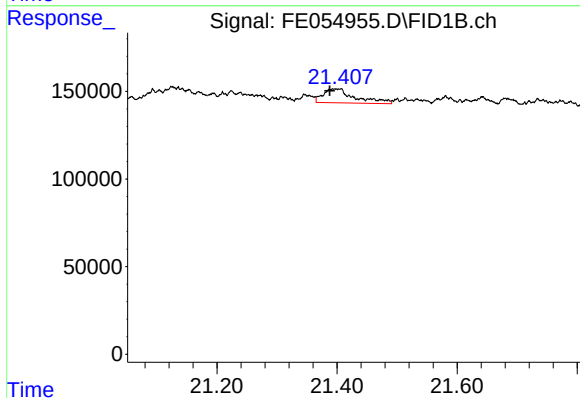
R.T.: 19.876 min
Delta R.T.: 0.009 min
Response: 165680
Conc: 1.09 ug/ml



#20 n-Hexatriacontane (C36)

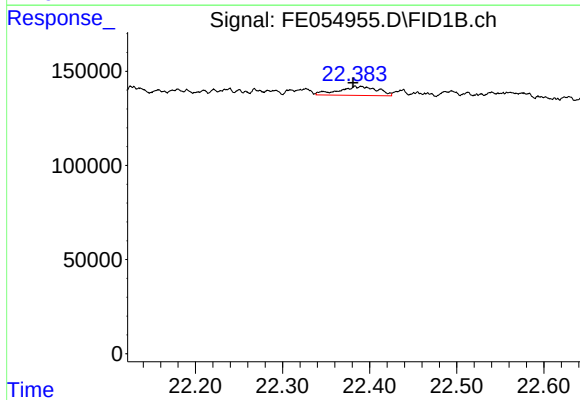
R.T.: 20.616 min
Delta R.T.: 0.011 min
Response: 142523
Conc: 1.06 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.398 min
Delta R.T.: 0.010 min
Response: 299344
Conc: 2.55 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.388 min
Delta R.T.: 0.008 min
Response: 147734
Conc: 1.36 ug/ml