

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072225AL\
 Data File : FE054956.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jul 2025 09:54
 Operator : YP\AJ
 Sample : Q2651-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MH 9-8

Integration File: autoint1.e
 Quant Time: Jul 23 04:28:33 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)	12.090	5674282	34.941 ug/ml
Spiked Amount 50.000		Recovery =	69.88%
12) S 1-chlorooctadecane (S...	13.526	4640870	36.747 ug/ml
Spiked Amount 50.000		Recovery =	73.49%
Target Compounds			
6) T n-Tetradecane (C14)	8.703	38731	0.279 ug/ml
10) T n-Eicosane (C20)	13.073	43766	0.304 ug/ml
13) T n-Docosane (C22)	14.277	19898	0.139 ug/ml
14) T n-Tetracosane (C24)	15.378	82710	0.569 ug/ml
15) T n-Hexacosane (C26)	16.407	74185	0.513 ug/ml
16) T n-Octacosane (C28)	17.361	87441	0.600 ug/ml
17) T n-Tricontane (C30)	18.250	198745	1.261 ug/ml
18) T n-Dotriacontane (C32)	19.087	266198	1.645 ug/ml
19) T n-Tetratriacontane (C34)	19.871	223454	1.466 ug/ml
20) T n-Hexatriacontane (C36)	20.612	198619	1.477 ug/ml
21) T n-Octatriacontane (C38)	21.394	289807	2.471 ug/ml
22) T n-Tetracontane (C40)	22.379	135102	1.247 ug/ml

(f)=RT Delta > 1/2 Window

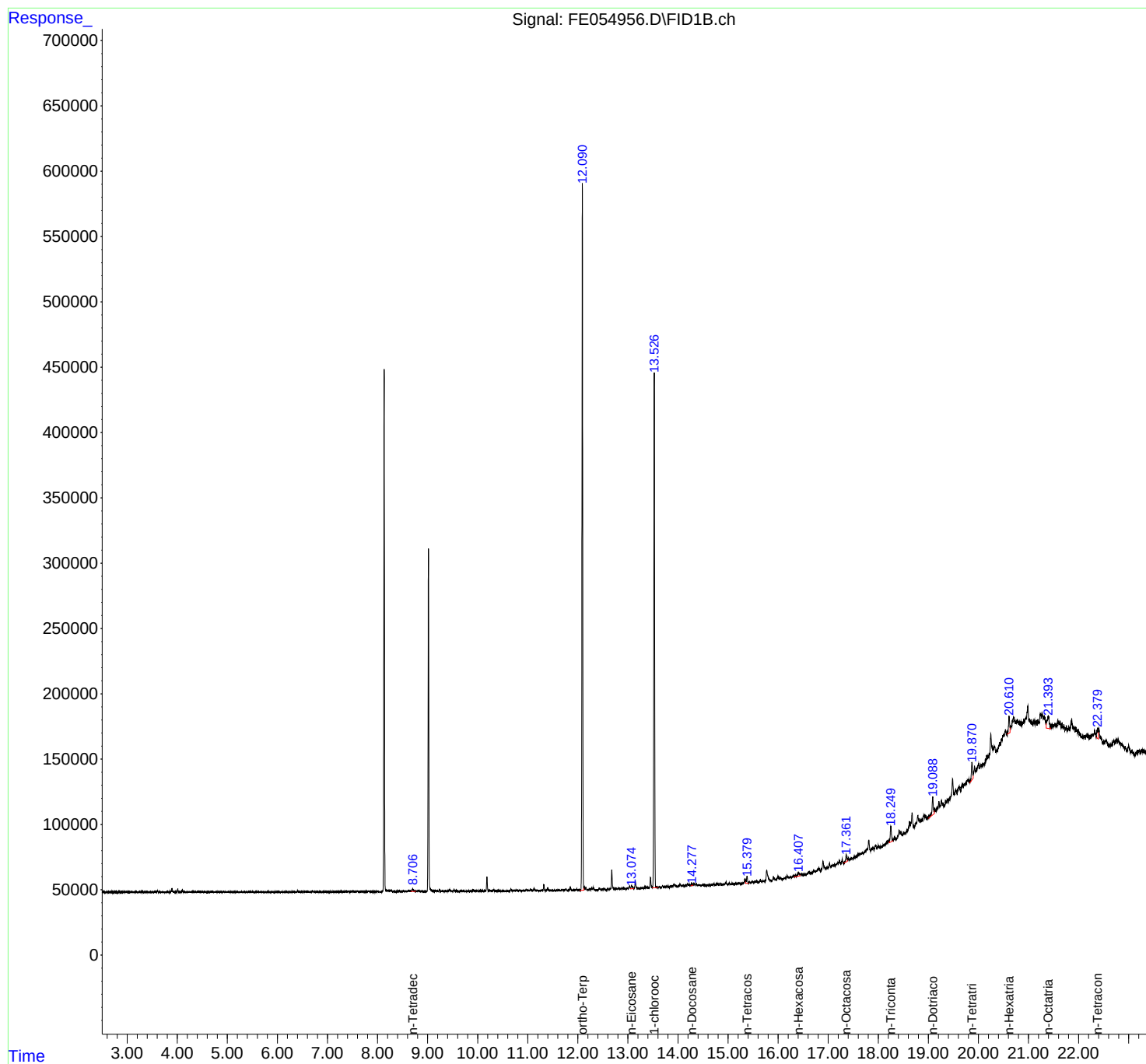
(m)=manual int.

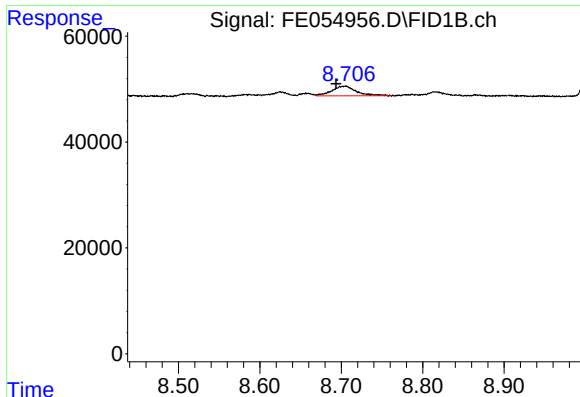
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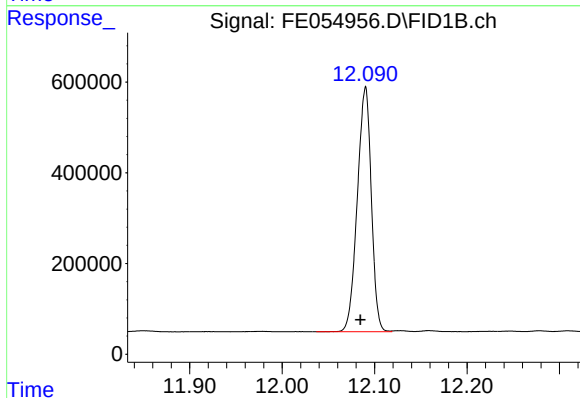




#6 n-Tetradecane (C14)

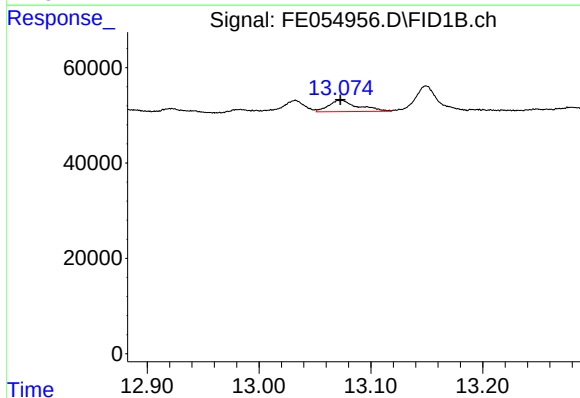
R.T.: 8.703 min
Delta R.T.: 0.010 min
Response: 38731
Conc: 0.28 ug/ml

Instrument :
FID_E
ClientSampleId :
MH 9-8



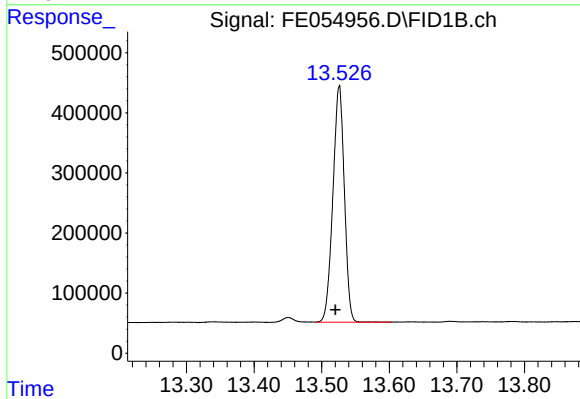
#9 ortho-Terphenyl (SURR)

R.T.: 12.090 min
Delta R.T.: 0.005 min
Response: 5674282
Conc: 34.94 ug/ml



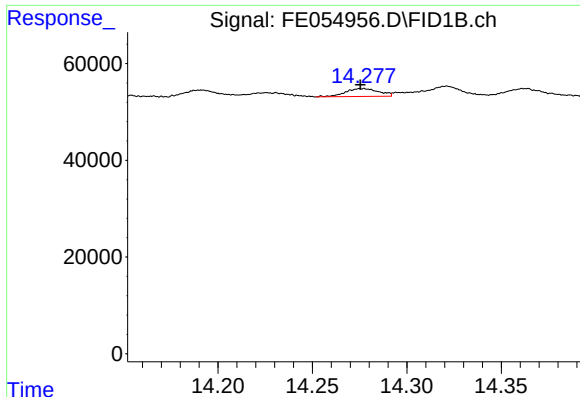
#10 n-Eicosane (C20)

R.T.: 13.073 min
Delta R.T.: 0.000 min
Response: 43766
Conc: 0.30 ug/ml



#12 1-chlorooctadecane (SURR)

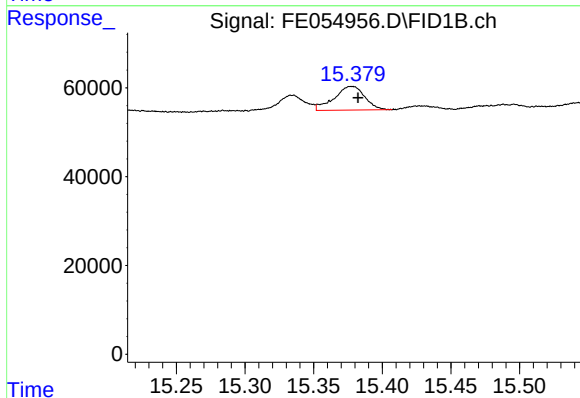
R.T.: 13.526 min
Delta R.T.: 0.006 min
Response: 4640870
Conc: 36.75 ug/ml



#13 n-Docosane (C22)

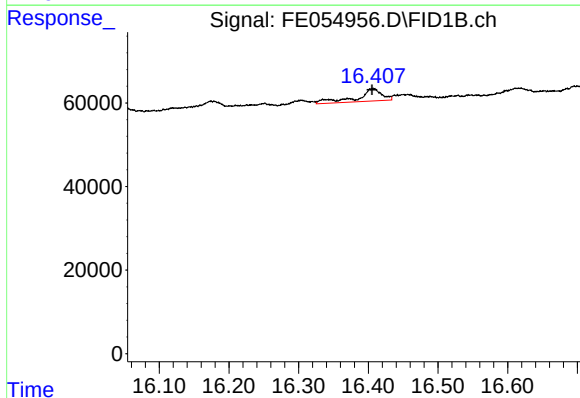
R.T.: 14.277 min
Delta R.T.: 0.001 min
Response: 19898
Conc: 0.14 ug/ml

Instrument :
FID_E
ClientSampleId :
MH 9-8



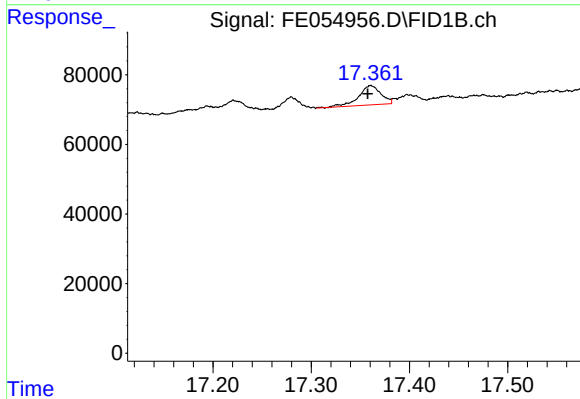
#14 n-Tetracosane (C24)

R.T.: 15.378 min
Delta R.T.: -0.005 min
Response: 82710
Conc: 0.57 ug/ml



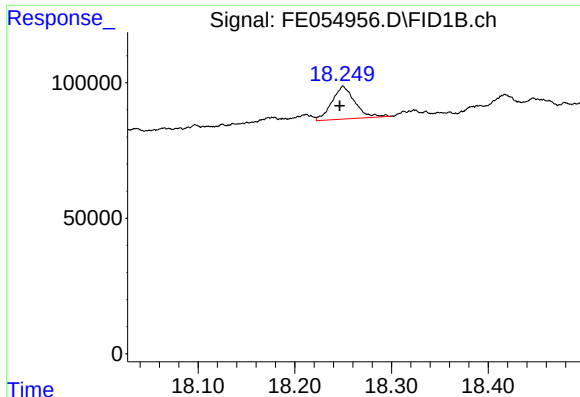
#15 n-Hexacosane (C26)

R.T.: 16.407 min
Delta R.T.: 0.001 min
Response: 74185
Conc: 0.51 ug/ml



#16 n-Octacosane (C28)

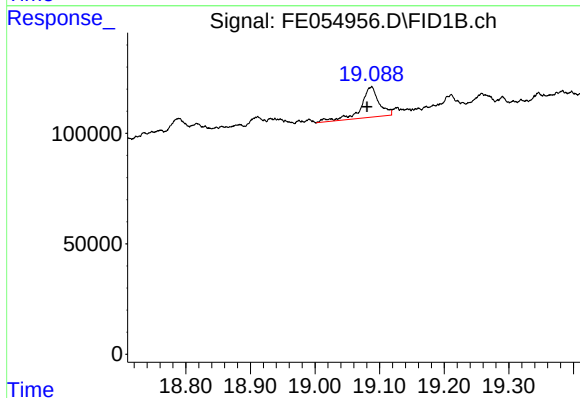
R.T.: 17.361 min
Delta R.T.: 0.003 min
Response: 87441
Conc: 0.60 ug/ml



#17 n-Tricontane (C30)

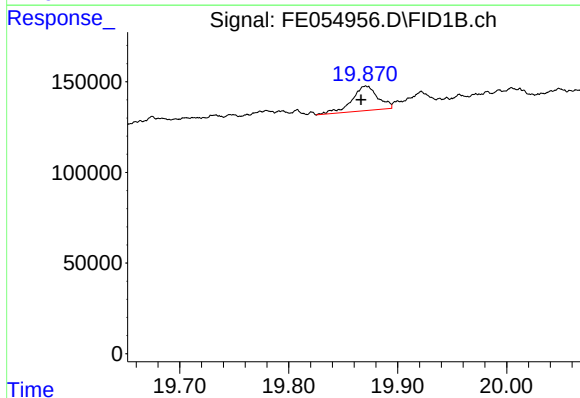
R.T.: 18.250 min
Delta R.T.: 0.004 min
Response: 198745
Conc: 1.26 ug/ml

Instrument :
FID_E
ClientSampleId :
MH 9-8



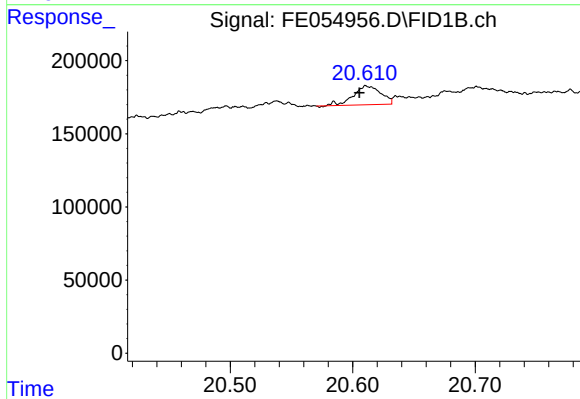
#18 n-Dotriacontane (C32)

R.T.: 19.087 min
Delta R.T.: 0.006 min
Response: 266198
Conc: 1.65 ug/ml



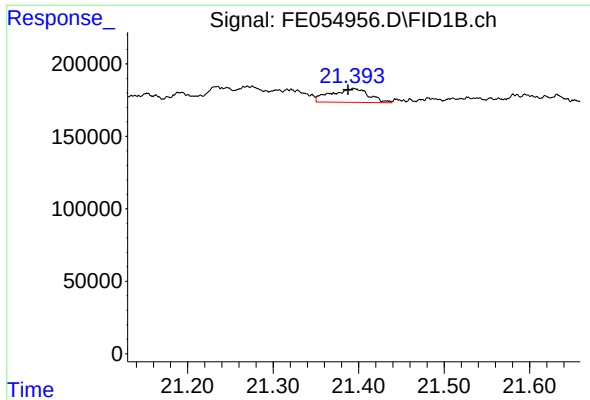
#19 n-Tetratriacontane (C34)

R.T.: 19.871 min
Delta R.T.: 0.005 min
Response: 223454
Conc: 1.47 ug/ml



#20 n-Hexatriacontane (C36)

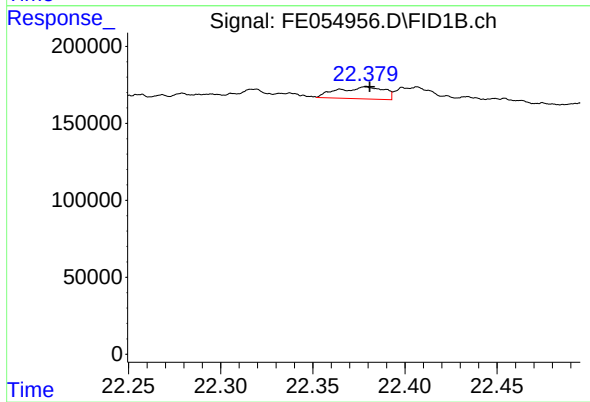
R.T.: 20.612 min
Delta R.T.: 0.007 min
Response: 198619
Conc: 1.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.394 min
Delta R.T.: 0.006 min
Response: 289807
Conc: 2.47 ug/ml

Instrument :
FID_E
ClientSampleId :
MH 9-8



#22 n-Tetracontane (C40)

R.T.: 22.379 min
Delta R.T.: -0.002 min
Response: 135102
Conc: 1.25 ug/ml