

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
 Data File : FE054618.D
 Signal(s) : FID1B.ch
 Acq On : 27 Jun 2025 17:55
 Operator : YP\AJ
 Sample : Q2431-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 28 01:47:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 27 15:19:13 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)	12.064	5301058	32.643 ug/ml
Spiked Amount 50.000		Recovery =	65.29%
12) S 1-chlorooctadecane (S...	13.499	4110560	32.548 ug/ml
Spiked Amount 50.000		Recovery =	65.10%
Target Compounds			
1) T n-Nonane (C9)	3.399	27432	0.204 ug/ml
13) T n-Docosane (C22)	14.202	54027	0.378 ug/ml
14) T n-Tetracosane (C24)	15.314	47523	0.327 ug/ml
15) T n-Hexacosane (C26)	16.377	26455	0.183 ug/ml
16) T n-Octacosane (C28)	17.329	145863	1.001 ug/ml
17) T n-Tricontane (C30)	18.218	515873	3.274 ug/ml
18) T n-Dotriacontane (C32)	19.051	805649	4.980 ug/ml
19) T n-Tetratriacontane (C34)	19.835	805328	5.285 ug/ml
20) T n-Hexatriacontane (C36)	20.576	663399	4.934 ug/ml
21) T n-Octatriacontane (C38)	21.348	469694	4.005 ug/ml
22) T n-Tetracontane (C40)	22.330	241845	2.231 ug/ml

(f)=RT Delta > 1/2 Window

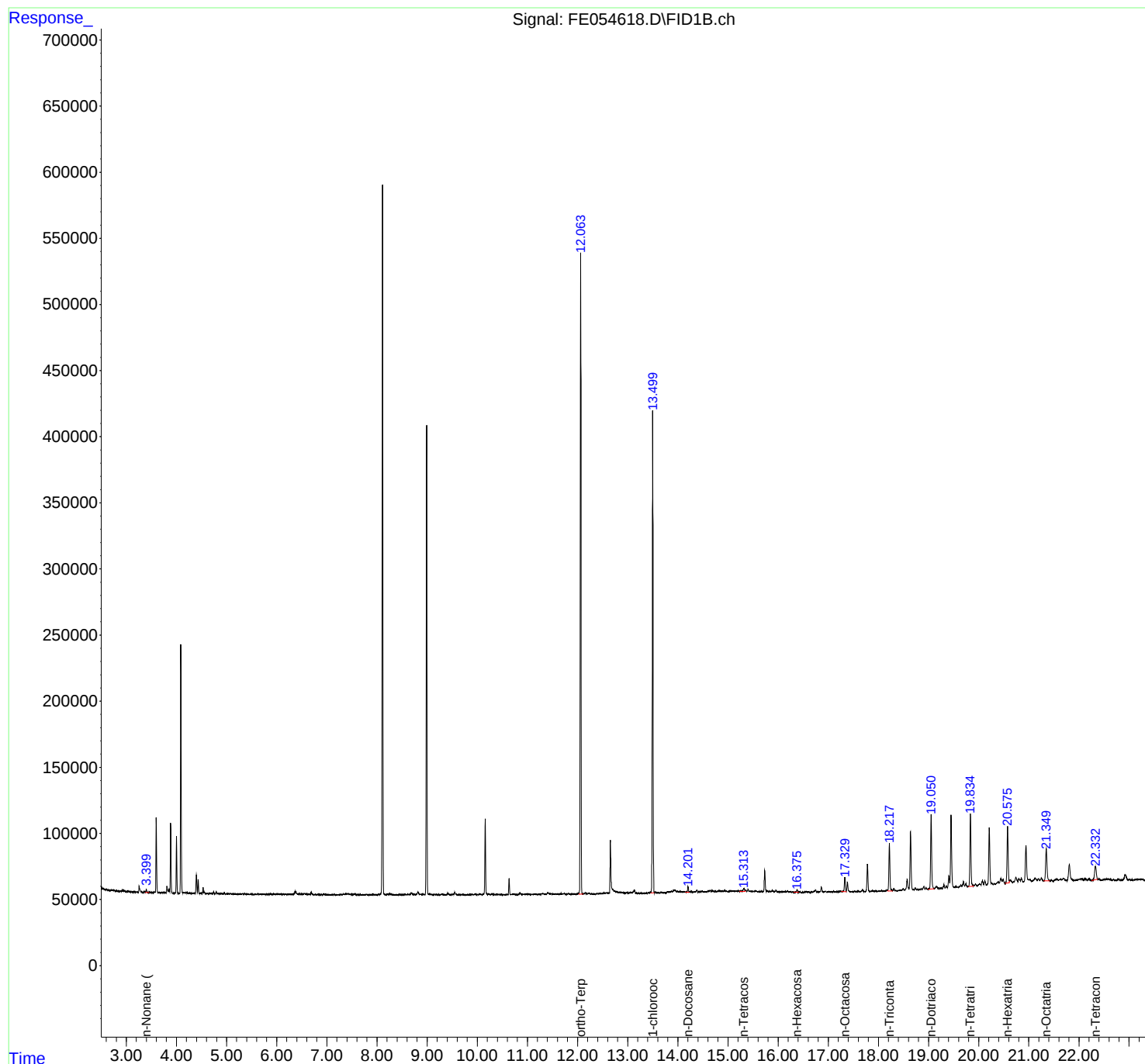
(m)=manual int.

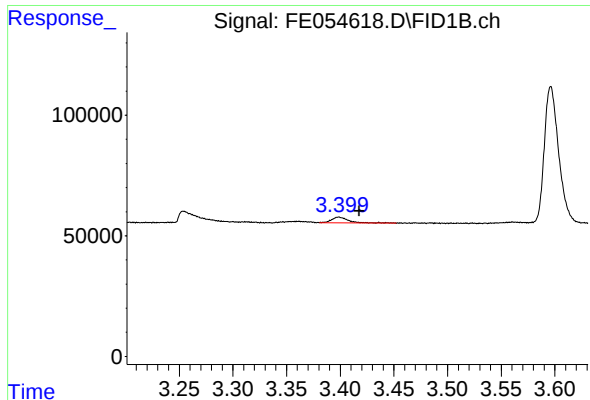
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Signal Info : 20M x 0.18mm x 0.18um

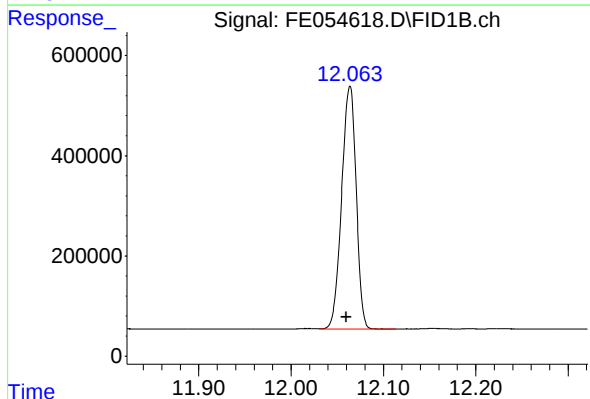




#1 n-Nonane (C9)

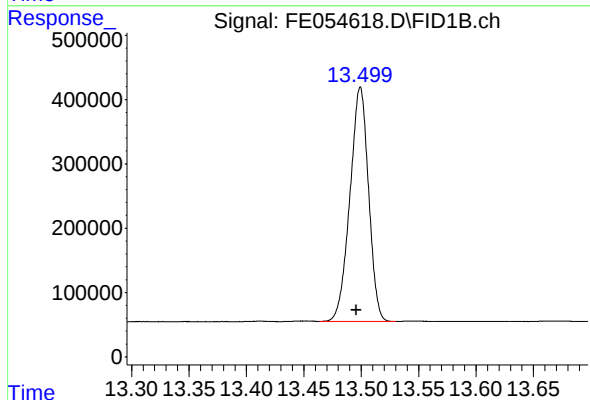
R.T.: 3.399 min
Delta R.T.: -0.019 min
Response: 27432
Conc: 0.20 ug/ml

Instrument :
FID_E
ClientSampleId :



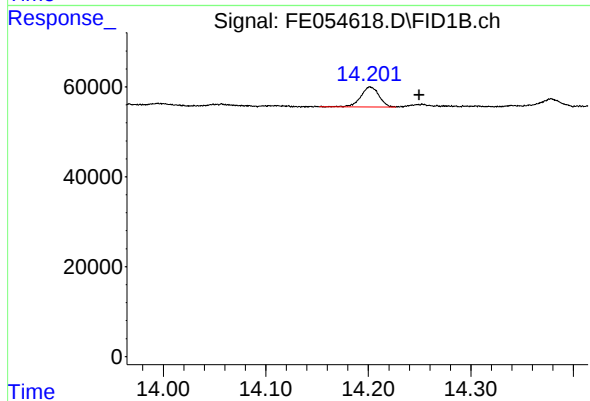
#9 ortho-Terphenyl (SURR)

R.T.: 12.064 min
Delta R.T.: 0.004 min
Response: 5301058
Conc: 32.64 ug/ml



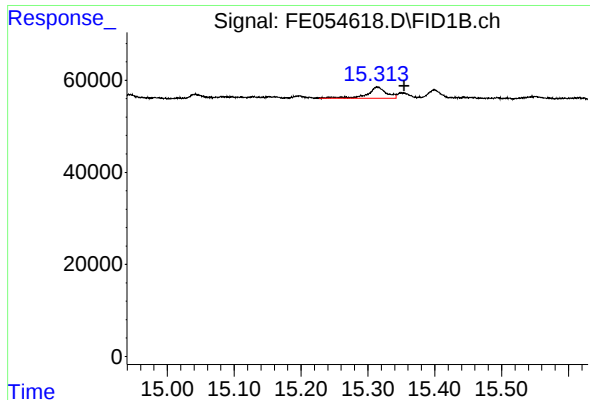
#12 1-chlorooctadecane (SURR)

R.T.: 13.499 min
Delta R.T.: 0.004 min
Response: 4110560
Conc: 32.55 ug/ml



#13 n-Docosane (C22)

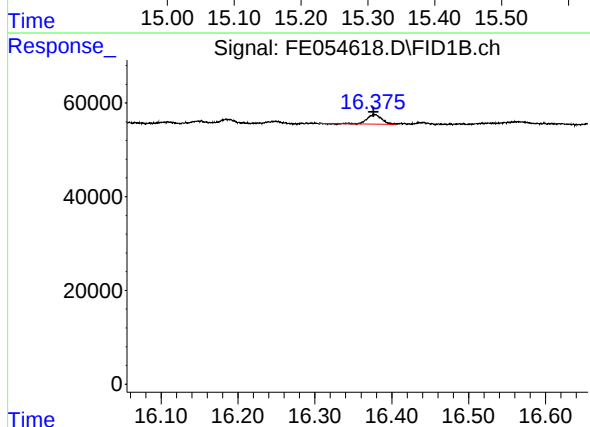
R.T.: 14.202 min
Delta R.T.: -0.048 min
Response: 54027
Conc: 0.38 ug/ml



#14 n-Tetracosane (C24)

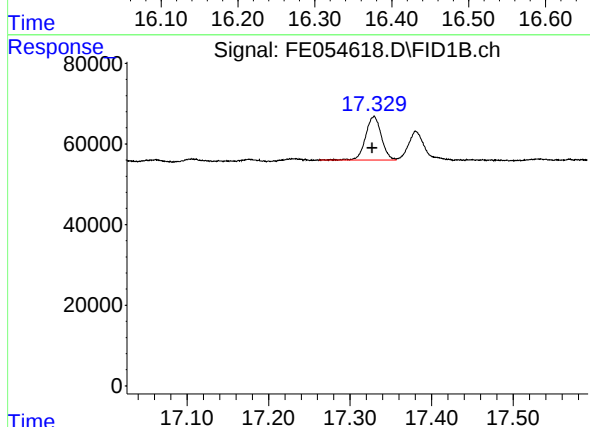
R.T.: 15.314 min
Delta R.T.: -0.040 min
Response: 47523
Conc: 0.33 ug/ml

Instrument :
FID_E
ClientSampleId :



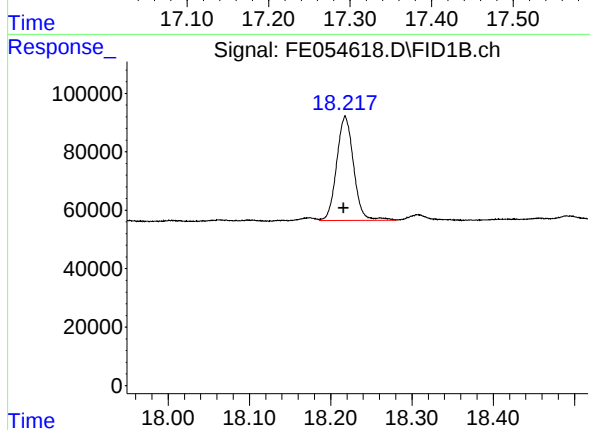
#15 n-Hexacosane (C26)

R.T.: 16.377 min
Delta R.T.: 0.000 min
Response: 26455
Conc: 0.18 ug/ml



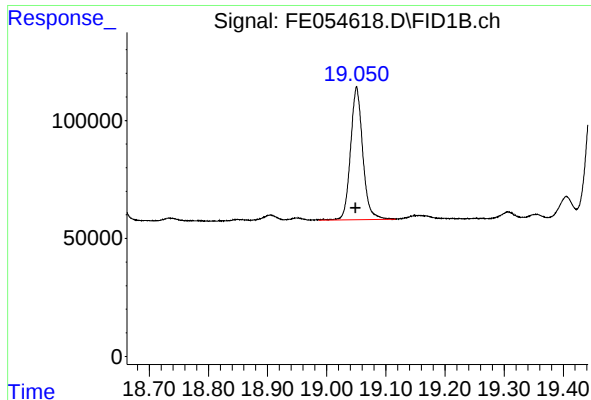
#16 n-Octacosane (C28)

R.T.: 17.329 min
Delta R.T.: 0.002 min
Response: 145863
Conc: 1.00 ug/ml



#17 n-Tricontane (C30)

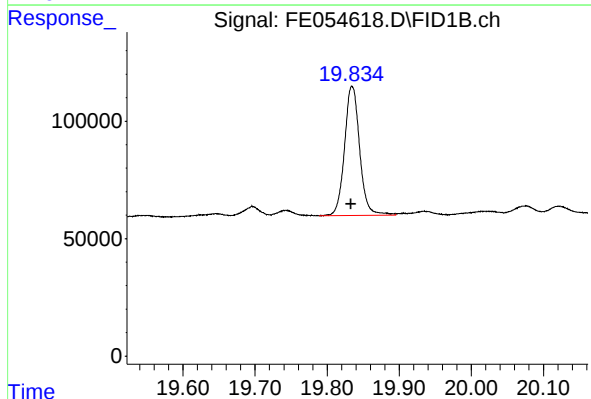
R.T.: 18.218 min
Delta R.T.: 0.002 min
Response: 515873
Conc: 3.27 ug/ml



#18 n-Dotriacontane (C32)

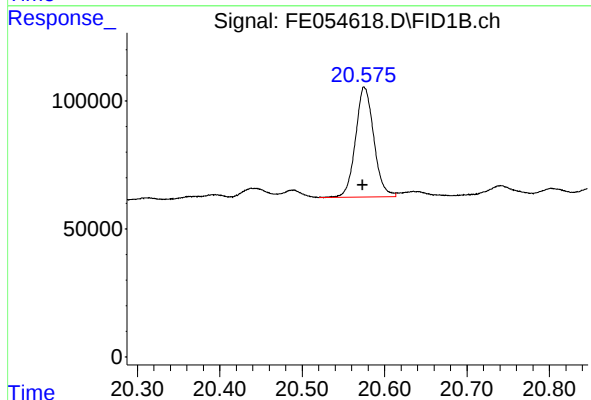
R.T.: 19.051 min
Delta R.T.: 0.002 min
Response: 805649
Conc: 4.98 ug/ml

Instrument :
FID_E
ClientSampleId :



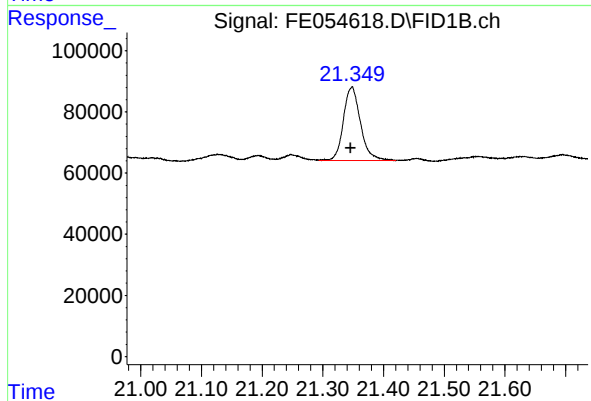
#19 n-Tetratriacontane (C34)

R.T.: 19.835 min
Delta R.T.: 0.001 min
Response: 805328
Conc: 5.28 ug/ml



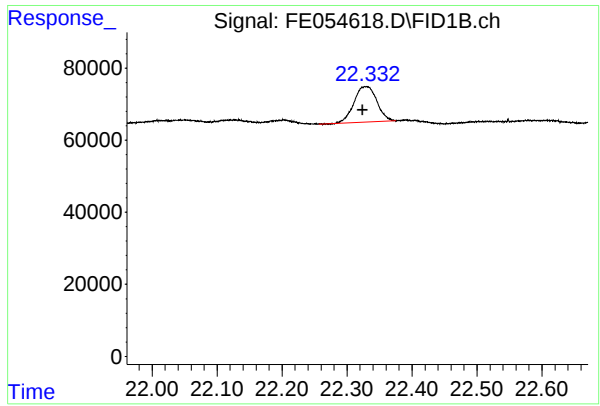
#20 n-Hexatriacontane (C36)

R.T.: 20.576 min
Delta R.T.: 0.002 min
Response: 663399
Conc: 4.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.348 min
Delta R.T.: 0.002 min
Response: 469694
Conc: 4.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.330 min
Delta R.T.: 0.006 min
Response: 241845
Conc: 2.23 ug/ml

Instrument :

FID_E

ClientSampleId :