

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070725AL\
 Data File : FE054706.D
 Signal(s) : FID1B.ch
 Acq On : 07 Jul 2025 15:29
 Operator : YP\AJ
 Sample : Q2487-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 G4(6-12)

Integration File: autoint1.e
 Quant Time: Jul 08 03:31:05 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)	12.081	4485725	27.623 ug/ml
Spiked Amount 50.000		Recovery =	55.25%
12) S 1-chlorooctadecane (S...	13.517	3597566	28.486 ug/ml
Spiked Amount 50.000		Recovery =	56.97%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.396	28910	0.191 ug/ml
6) T n-Tetradecane (C14)	8.688	54008	0.390 ug/ml
10) T n-Eicosane (C20)	13.068	38136	0.265 ug/ml
11) T n-Heneicosane (C21)	13.702	34348	0.240 ug/ml
13) T n-Docosane (C22)	14.271	68007	0.476 ug/ml
14) T n-Tetracosane (C24)	15.372	161266	1.109 ug/ml
15) T n-Hexacosane (C26)	16.400	177356	1.226 ug/ml
16) T n-Octacosane (C28)	17.352	198347	1.361 ug/ml
17) T n-Tricontane (C30)	18.202	52486	0.333 ug/ml
18) T n-Dotriacontane (C32)	19.022	91483	0.565 ug/ml
19) T n-Tetratriacontane (C34)	19.863	120217	0.789 ug/ml
20) T n-Hexatriacontane (C36)	20.597	748287	5.565 ug/ml
22) T n-Tetracontane (C40)	22.325	37446	0.345 ug/ml

(f)=RT Delta > 1/2 Window

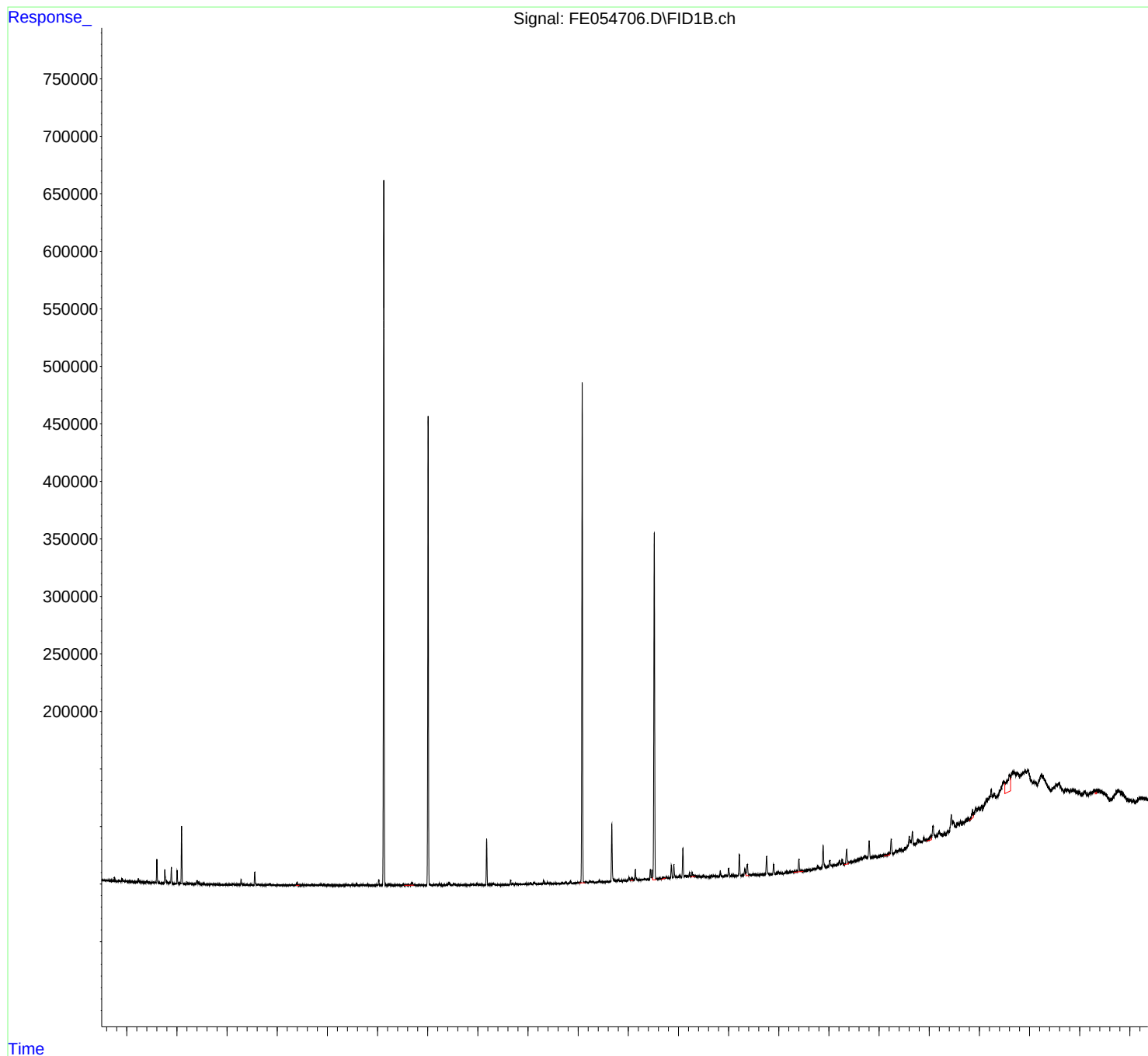
(m)=manual int.

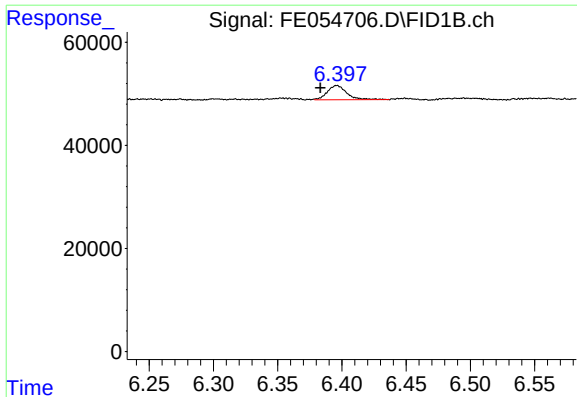
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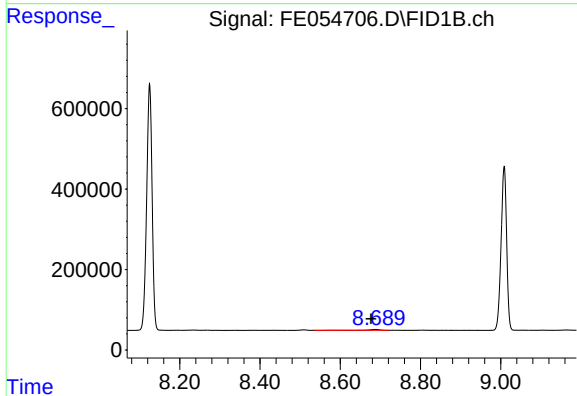




#3 A~Naphthalene (C11.7)

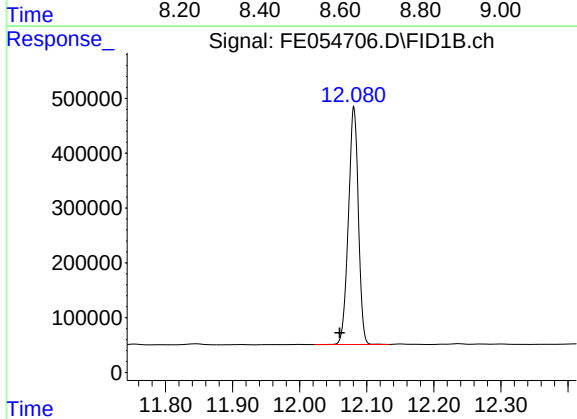
R.T.: 6.396 min
Delta R.T.: 0.013 min
Response: 28910
Conc: 0.19 ug/ml

Instrument :
FID_E
ClientSampleId :
G4(6-12)



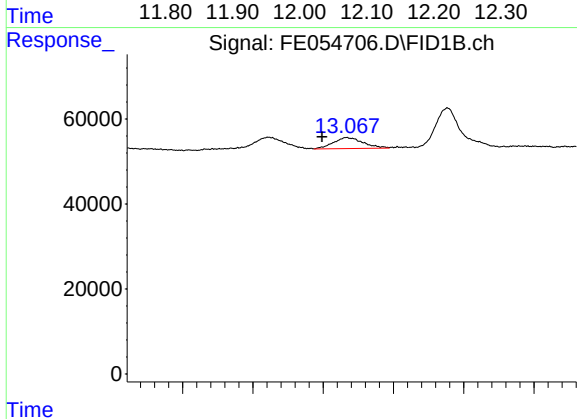
#6 n-Tetradecane (C14)

R.T.: 8.688 min
Delta R.T.: 0.012 min
Response: 54008
Conc: 0.39 ug/ml



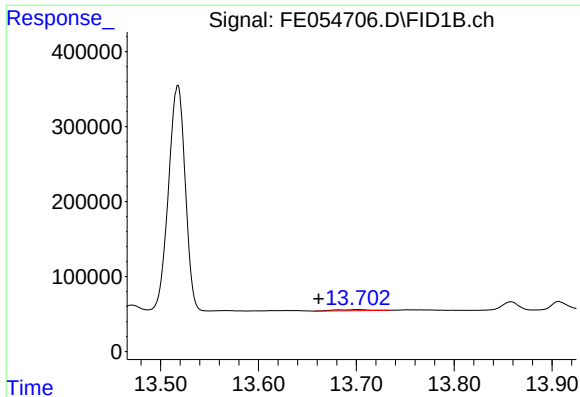
#9 ortho-Terphenyl (SURR)

R.T.: 12.081 min
Delta R.T.: 0.021 min
Response: 4485725
Conc: 27.62 ug/ml



#10 n-Eicosane (C20)

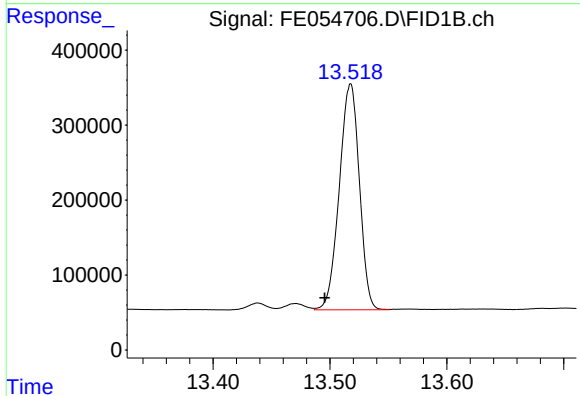
R.T.: 13.068 min
Delta R.T.: 0.018 min
Response: 38136
Conc: 0.27 ug/ml



#11 n-Heneicosane (C21)

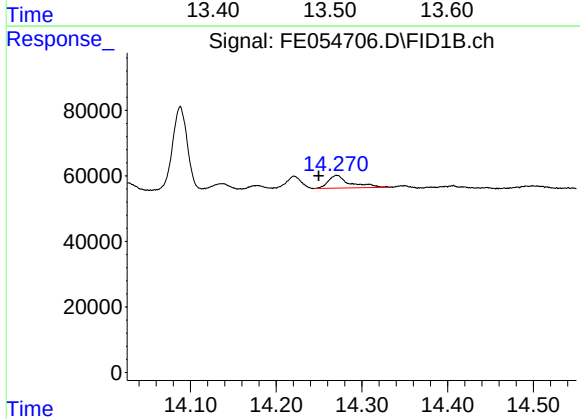
R.T.: 13.702 min
Delta R.T.: 0.040 min
Response: 34348
Conc: 0.24 ug/ml

Instrument :
FID_E
ClientSampleId :
G4(6-12)



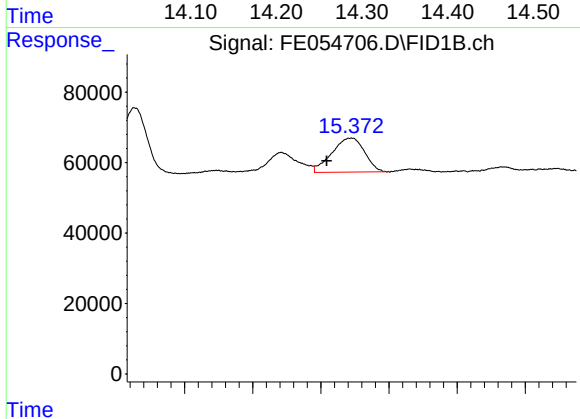
#12 1-chlorooctadecane (SURR)

R.T.: 13.517 min
Delta R.T.: 0.022 min
Response: 3597566
Conc: 28.49 ug/ml



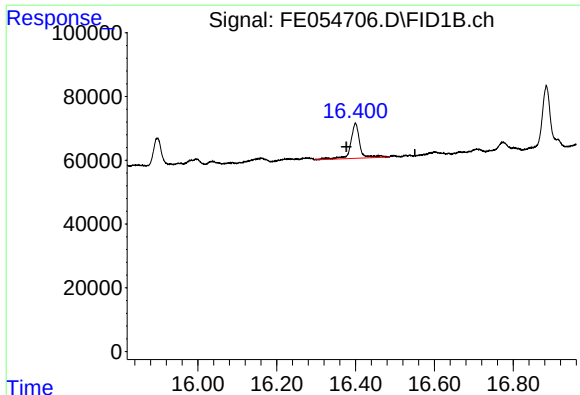
#13 n-Docosane (C22)

R.T.: 14.271 min
Delta R.T.: 0.021 min
Response: 68007
Conc: 0.48 ug/ml



#14 n-Tetracosane (C24)

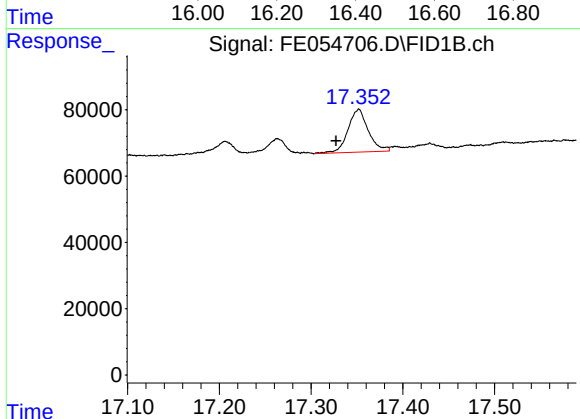
R.T.: 15.372 min
Delta R.T.: 0.018 min
Response: 161266
Conc: 1.11 ug/ml



#15 n-Hexacosane (C26)

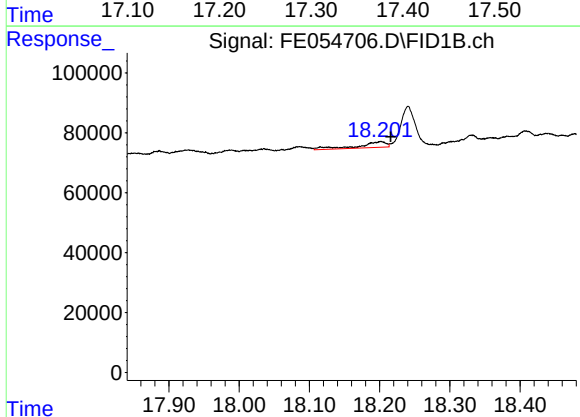
R.T.: 16.400 min
Delta R.T.: 0.023 min
Response: 177356
Conc: 1.23 ug/ml

Instrument :
FID_E
ClientSampleId :
G4(6-12)



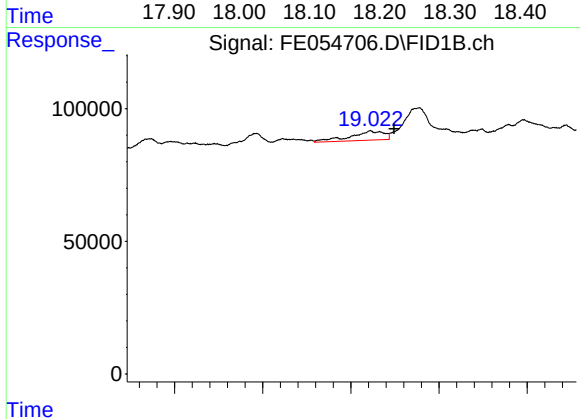
#16 n-Octacosane (C28)

R.T.: 17.352 min
Delta R.T.: 0.024 min
Response: 198347
Conc: 1.36 ug/ml



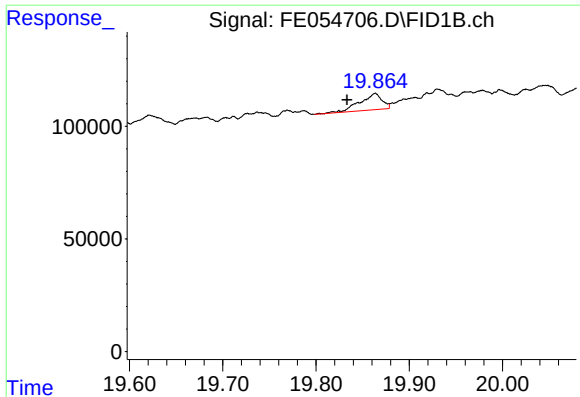
#17 n-Tricontane (C30)

R.T.: 18.202 min
Delta R.T.: -0.014 min
Response: 52486
Conc: 0.33 ug/ml



#18 n-Dotriacontane (C32)

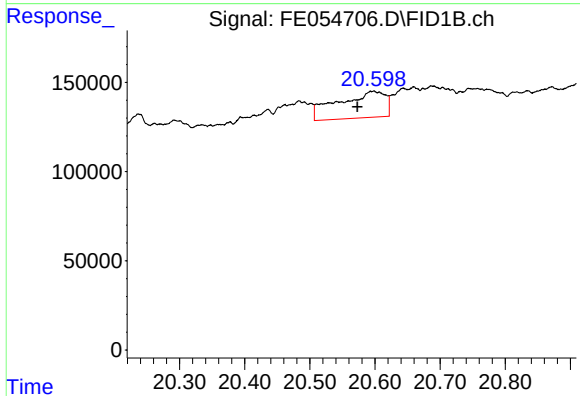
R.T.: 19.022 min
Delta R.T.: -0.027 min
Response: 91483
Conc: 0.57 ug/ml



#19 n-Tetratriacontane (C34)

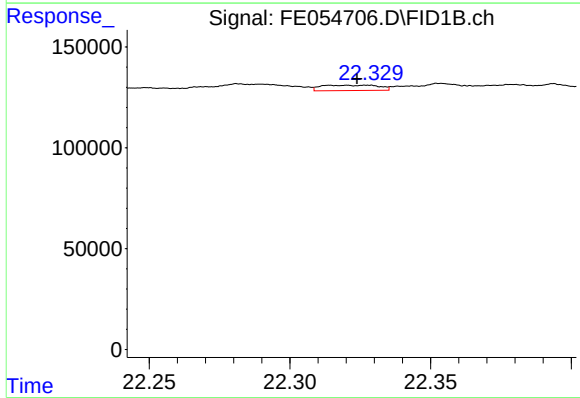
R.T.: 19.863 min
Delta R.T.: 0.030 min
Response: 120217
Conc: 0.79 ug/ml

Instrument :
FID_E
ClientSampleId :
G4(6-12)



#20 n-Hexatriacontane (C36)

R.T.: 20.597 min
Delta R.T.: 0.024 min
Response: 748287
Conc: 5.57 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.325 min
Delta R.T.: 0.002 min
Response: 37446
Conc: 0.35 ug/ml