

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082025AL\
 Data File : FE055411.D
 Signal(s) : FID1B.ch
 Acq On : 20 Aug 2025 15:04
 Operator : YP\AJ
 Sample : Q2868-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 21 01:19:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.092	6198037	43.402 ug/ml
Spiked Amount 50.000		Recovery =	86.80%
12) S 1-chlorooctadecane (S...	13.526	6274343	58.353 ug/ml
Spiked Amount 50.000		Recovery =	116.71%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.399	207866	1.549 ug/ml
5) T A~2-methylnaphthalene...	7.499	114370	0.877 ug/ml
6) T n-Tetradecane (C14)	8.677	301069	2.455 ug/ml
7) T n-Hexadecane (C16)	10.330	2369463	18.534 ug/ml
8) T n-Octadecane (C18)	11.726	836718	6.413 ug/ml
10) T n-Eicosane (C20)	13.084	1840344	14.667 ug/ml
11) T n-Heneicosane (C21)	13.666	1967808	15.964 ug/ml
13) T n-Docosane (C22)	14.295	2743950	22.469 ug/ml
14) T n-Tetracosane (C24)	15.370	25625754	210.680 ug/ml
15) T n-Hexacosane (C26)	16.408	1784203	14.912 ug/ml
16) T n-Octacosane (C28)	17.341	20906986	176.246 ug/ml
17) T n-Tricontane (C30)	18.248	1379409	11.210 ug/ml
18) T n-Dotriacontane (C32)	19.094	4228148	34.654 ug/ml
22) T n-Tetracontane (C40)	22.416	1628360	15.571 ug/ml

(f)=RT Delta > 1/2 Window

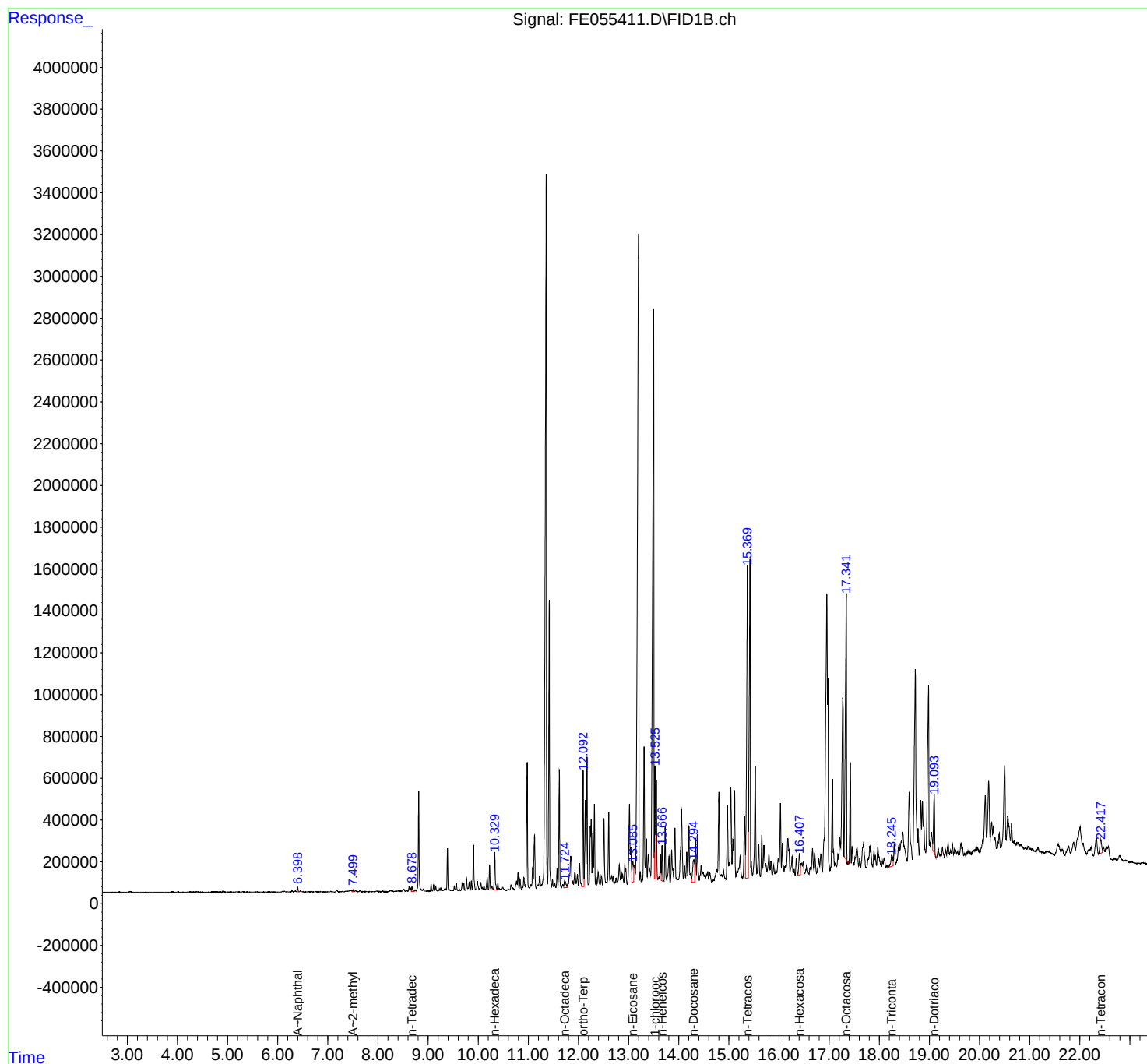
(m)=manual int.

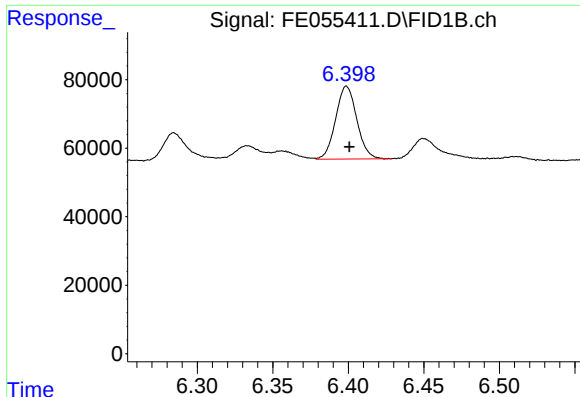
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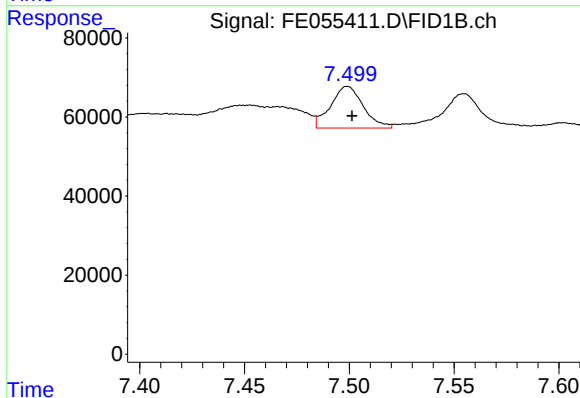




#3 A~Naphthalene (C11.7)

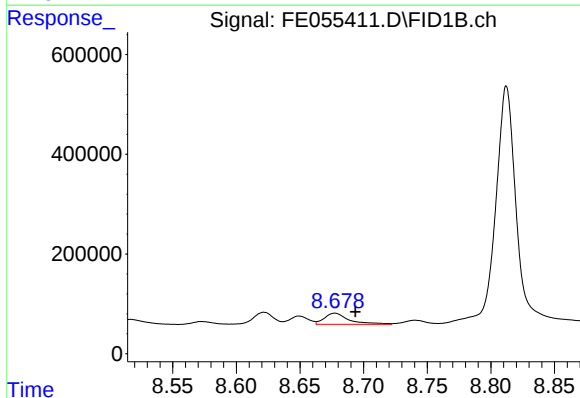
R.T.: 6.399 min
Delta R.T.: -0.002 min
Response: 207866
Conc: 1.55 ug/ml

Instrument :
FID_E
ClientSampleId :



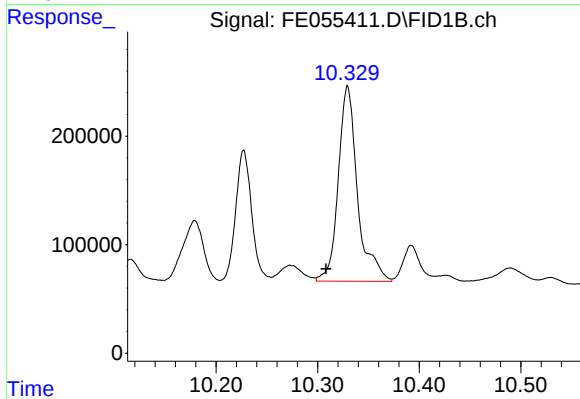
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.499 min
Delta R.T.: -0.002 min
Response: 114370
Conc: 0.88 ug/ml



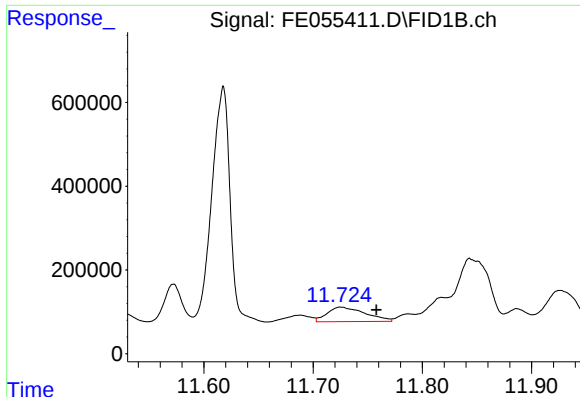
#6 n-Tetradecane (C14)

R.T.: 8.677 min
Delta R.T.: -0.016 min
Response: 301069
Conc: 2.46 ug/ml



#7 n-Hexadecane (C16)

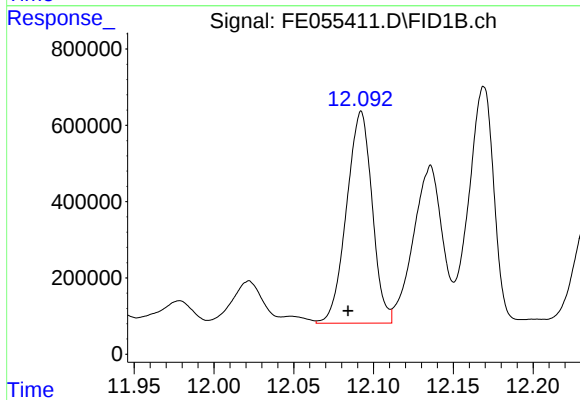
R.T.: 10.330 min
Delta R.T.: 0.021 min
Response: 2369463
Conc: 18.53 ug/ml



#8 n-Octadecane (C18)

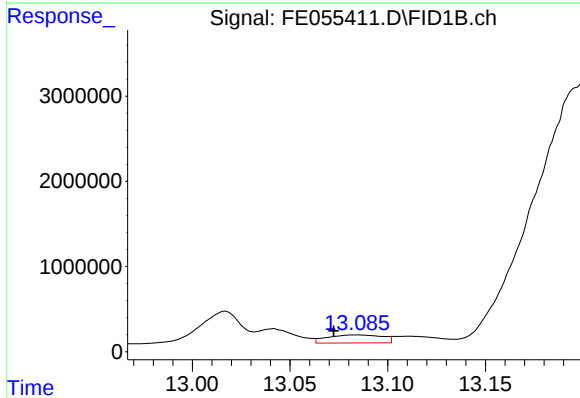
R.T.: 11.726 min
Delta R.T.: -0.032 min
Response: 836718
Conc: 6.41 ug/ml

Instrument :
FID_E
ClientSampleId :



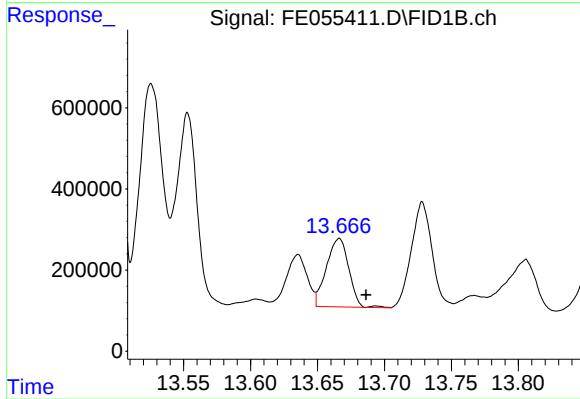
#9 ortho-Terphenyl (SURR)

R.T.: 12.092 min
Delta R.T.: 0.008 min
Response: 6198037
Conc: 43.40 ug/ml



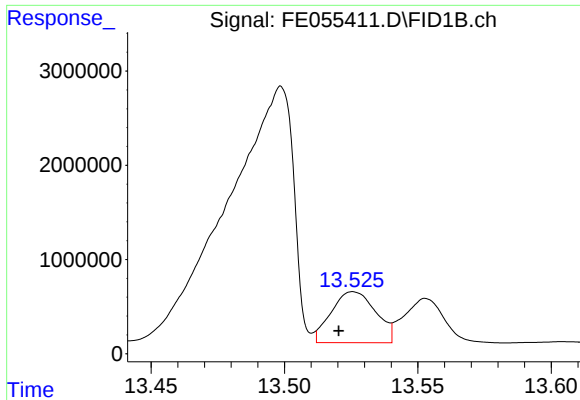
#10 n-Eicosane (C20)

R.T.: 13.084 min
Delta R.T.: 0.012 min
Response: 1840344
Conc: 14.67 ug/ml



#11 n-Heneicosane (C21)

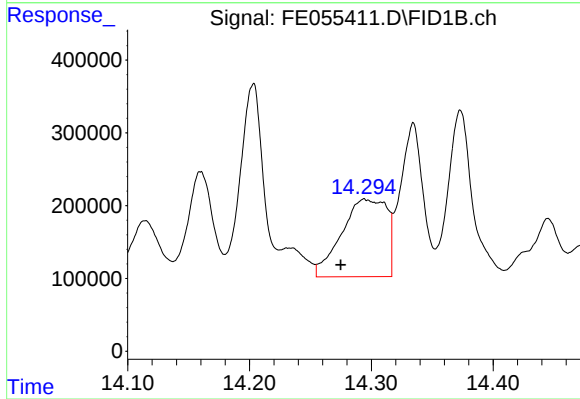
R.T.: 13.666 min
Delta R.T.: -0.020 min
Response: 1967808
Conc: 15.96 ug/ml



#12 1-chlorooctadecane (SURR)

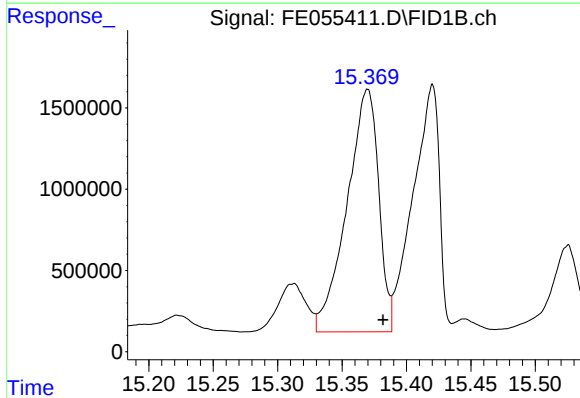
R.T.: 13.526 min
Delta R.T.: 0.006 min
Response: 6274343
Conc: 58.35 ug/ml

Instrument :
FID_E
ClientSampleId :



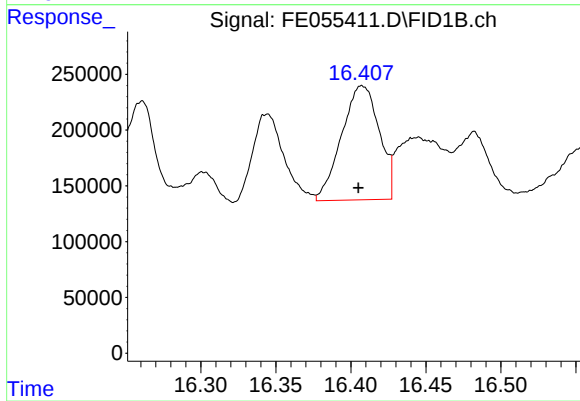
#13 n-Docosane (C22)

R.T.: 14.295 min
Delta R.T.: 0.020 min
Response: 2743950
Conc: 22.47 ug/ml



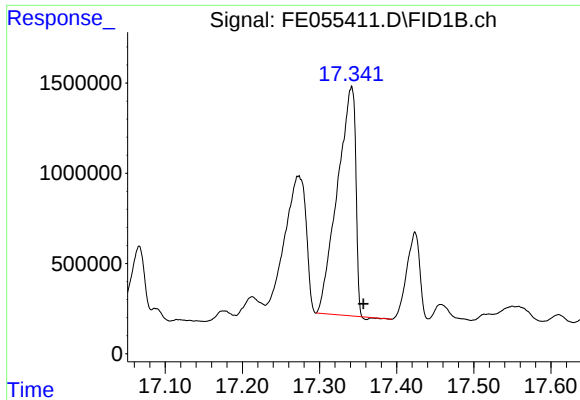
#14 n-Tetracosane (C24)

R.T.: 15.370 min
Delta R.T.: -0.012 min
Response: 25625754
Conc: 210.68 ug/ml



#15 n-Hexacosane (C26)

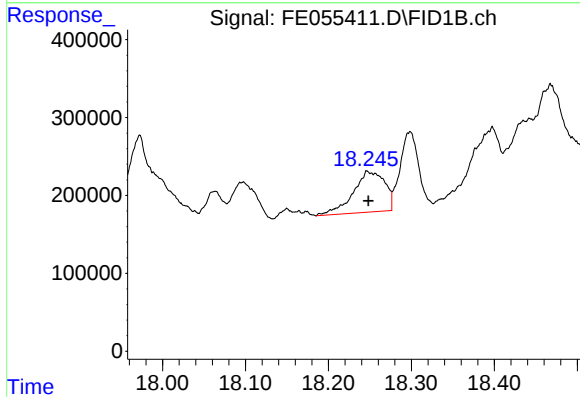
R.T.: 16.408 min
Delta R.T.: 0.003 min
Response: 1784203
Conc: 14.91 ug/ml



#16 n-Octacosane (C28)

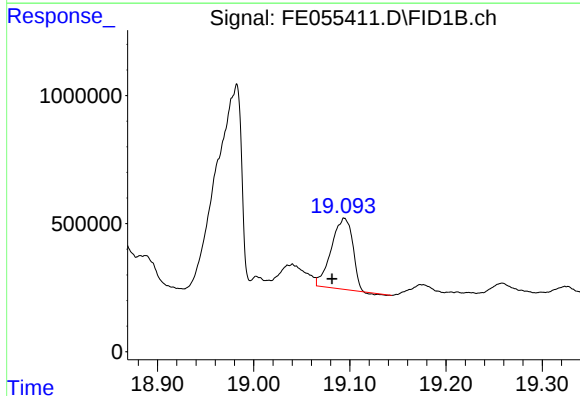
R.T.: 17.341 min
Delta R.T.: -0.016 min
Response: 20906986
Conc: 176.25 ug/ml

Instrument :
FID_E
ClientSampleId :



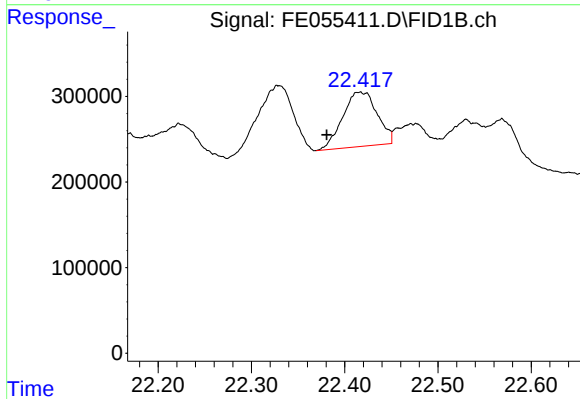
#17 n-Tricontane (C30)

R.T.: 18.248 min
Delta R.T.: 0.000 min
Response: 1379409
Conc: 11.21 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 19.094 min
Delta R.T.: 0.013 min
Response: 4228148
Conc: 34.65 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.416 min
Delta R.T.: 0.035 min
Response: 1628360
Conc: 15.57 ug/ml