

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072225AL\
 Data File : FE054966.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jul 2025 18:14
 Operator : YP\AJ
 Sample : Q2649-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WC-4-EPH

Integration File: autoint1.e
 Quant Time: Jul 23 04:31:53 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)	12.087	3698160	22.773 ug/ml
Spiked Amount 50.000		Recovery =	45.55%
12) S 1-chlorooctadecane (S...	13.523	3410263	27.003 ug/ml
Spiked Amount 50.000		Recovery =	54.01%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.403	32241	0.213 ug/ml
6) T n-Tetradecane (C14)	8.653	15340	0.111 ug/ml
7) T n-Hexadecane (C16)	10.330	99707	0.700 ug/ml
8) T n-Octadecane (C18)	11.757	31876	0.218 ug/ml
10) T n-Eicosane (C20)	13.069	131295	0.913 ug/ml
11) T n-Heneicosane (C21)	13.715	211201	1.479 ug/ml
13) T n-Docosane (C22)	14.279	227442	1.593 ug/ml
14) T n-Tetracosane (C24)	15.376	1482240	10.197 ug/ml
15) T n-Hexacosane (C26)	16.405	53161	0.367 ug/ml
16) T n-Octacosane (C28)	17.380	411353	2.823 ug/ml
17) T n-Tricontane (C30)	18.250	227579	1.444 ug/ml
18) T n-Dotriacontane (C32)	19.080	60796	0.376 ug/ml
19) T n-Tetratriacontane (C34)	19.865	90339	0.593 ug/ml
20) T n-Hexatriacontane (C36)	20.586	45609	0.339 ug/ml

(f)=RT Delta > 1/2 Window

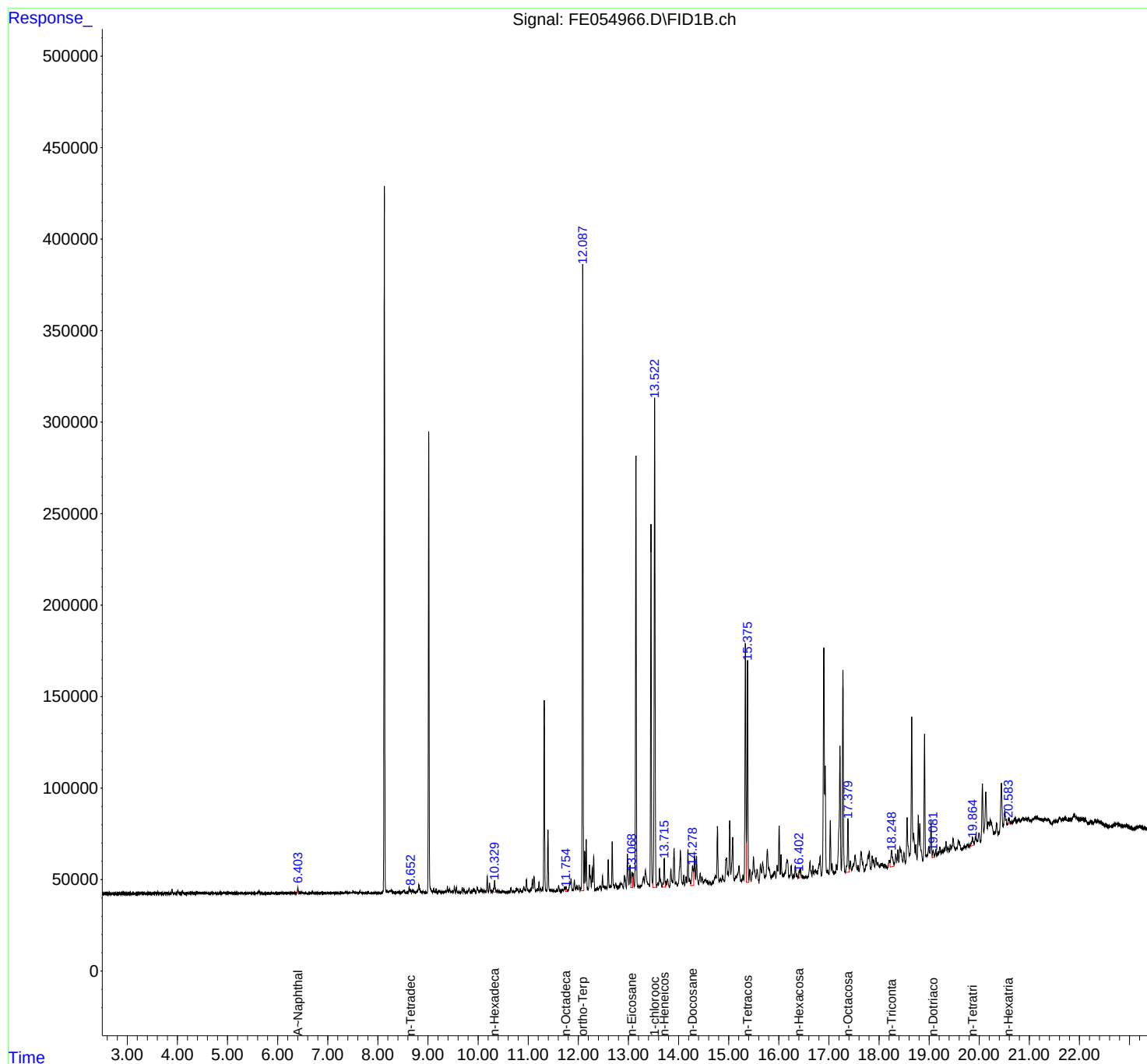
(m)=manual int.

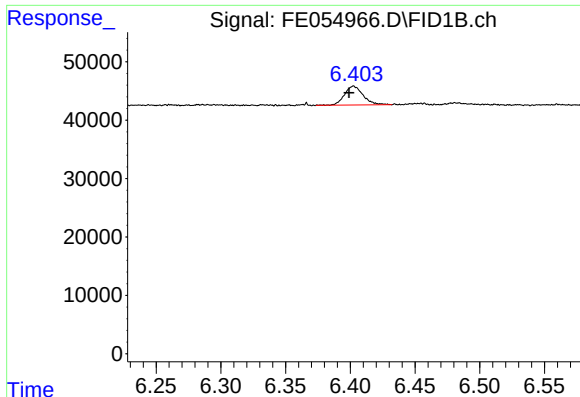
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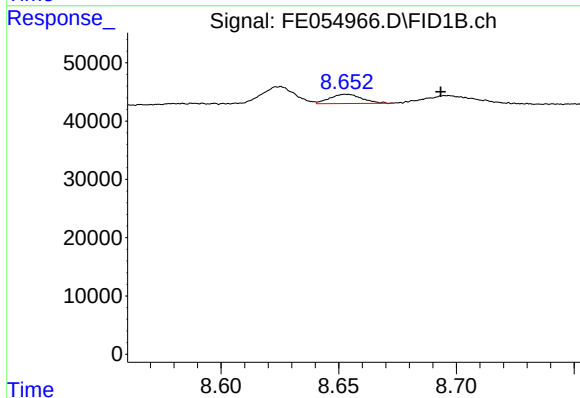




#3 A~Naphthalene (C11.7)

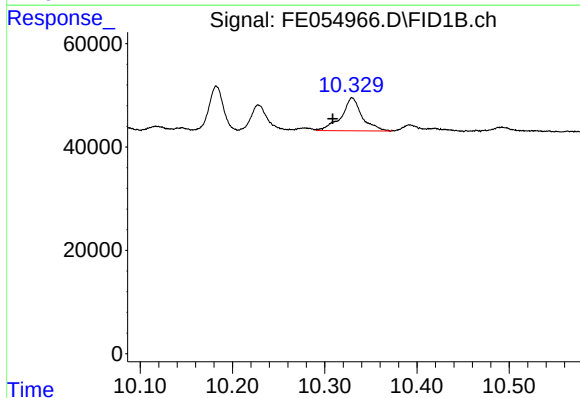
R.T.: 6.403 min
Delta R.T.: 0.004 min
Response: 32241
Conc: 0.21 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-4-EPH



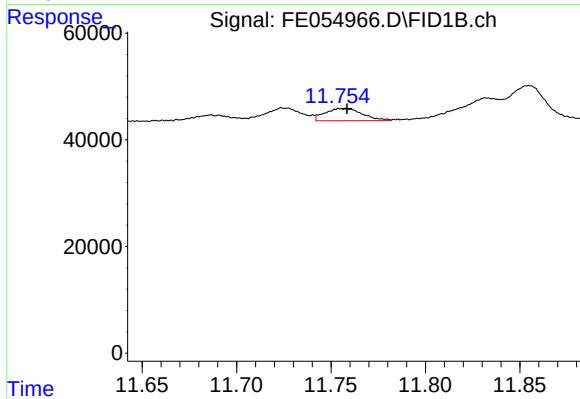
#6 n-Tetradecane (C14)

R.T.: 8.653 min
Delta R.T.: -0.040 min
Response: 15340
Conc: 0.11 ug/ml



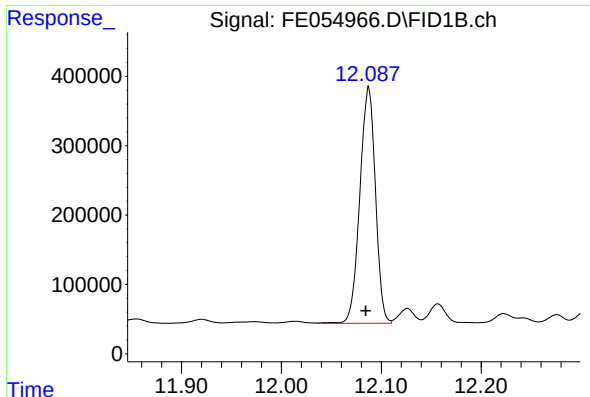
#7 n-Hexadecane (C16)

R.T.: 10.330 min
Delta R.T.: 0.021 min
Response: 99707
Conc: 0.70 ug/ml



#8 n-Octadecane (C18)

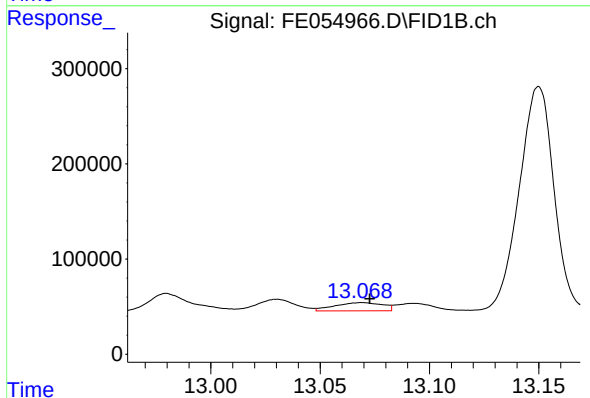
R.T.: 11.757 min
Delta R.T.: -0.002 min
Response: 31876
Conc: 0.22 ug/ml



#9 ortho-Terphenyl (SURR)

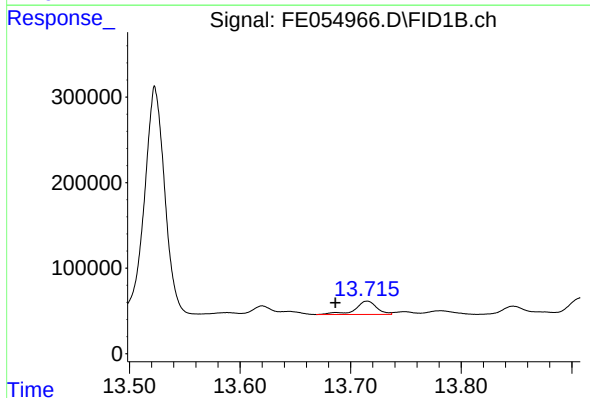
R.T.: 12.087 min
Delta R.T.: 0.003 min
Response: 3698160
Conc: 22.77 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-4-EPH



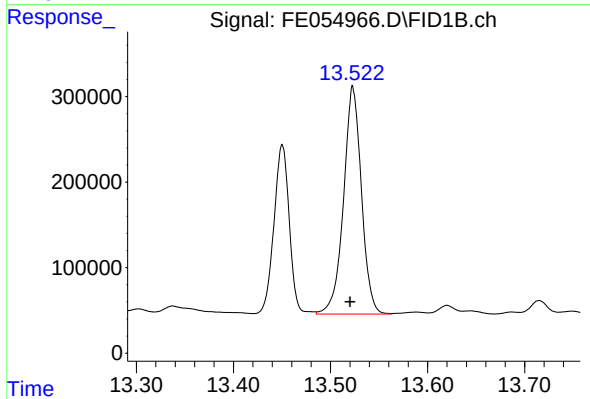
#10 n-Eicosane (C20)

R.T.: 13.069 min
Delta R.T.: -0.004 min
Response: 131295
Conc: 0.91 ug/ml



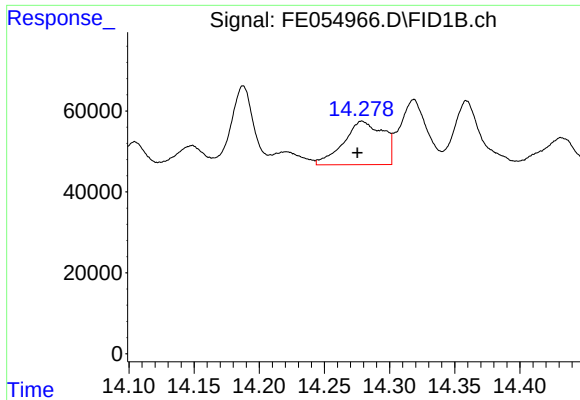
#11 n-Heneicosane (C21)

R.T.: 13.715 min
Delta R.T.: 0.029 min
Response: 211201
Conc: 1.48 ug/ml



#12 1-chlorooctadecane (SURR)

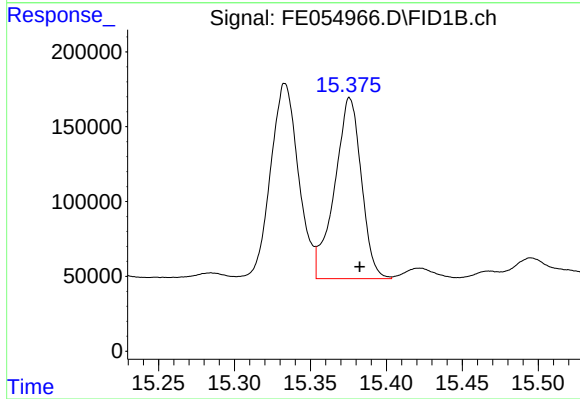
R.T.: 13.523 min
Delta R.T.: 0.003 min
Response: 3410263
Conc: 27.00 ug/ml



#13 n-Docosane (C22)

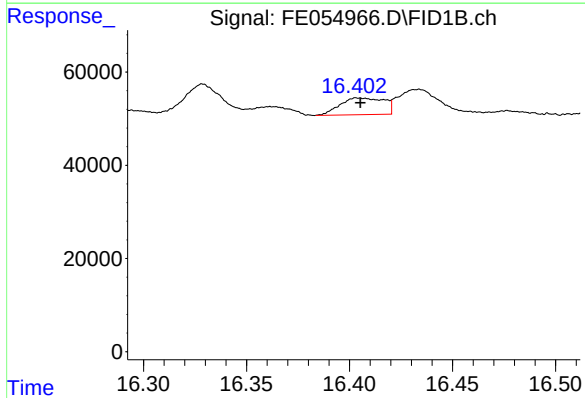
R.T.: 14.279 min
Delta R.T.: 0.004 min
Response: 227442
Conc: 1.59 ug/ml

Instrument :
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WC-4-EPH



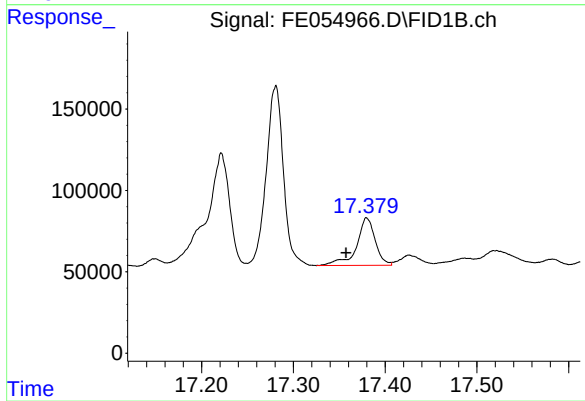
#14 n-Tetracosane (C24)

R.T.: 15.376 min
Delta R.T.: -0.006 min
Response: 1482240
Conc: 10.20 ug/ml



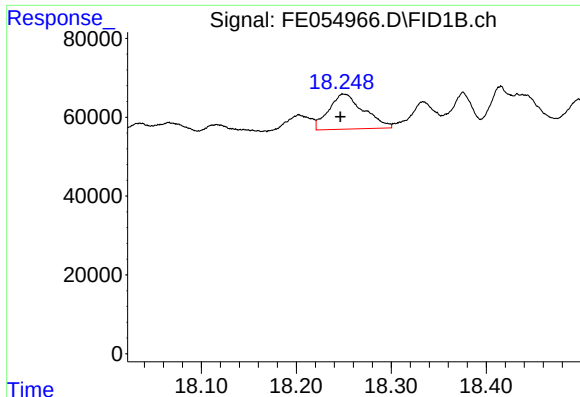
#15 n-Hexacosane (C26)

R.T.: 16.405 min
Delta R.T.: 0.000 min
Response: 53161
Conc: 0.37 ug/ml



#16 n-Octacosane (C28)

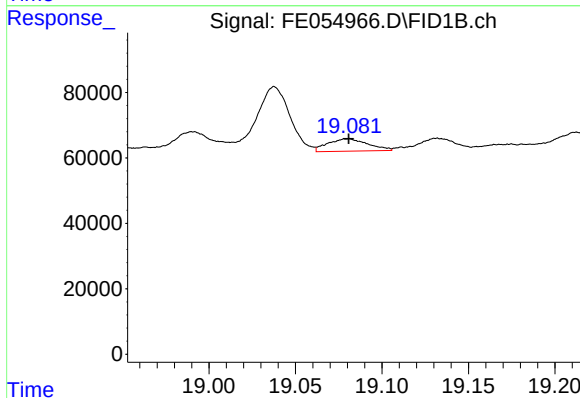
R.T.: 17.380 min
Delta R.T.: 0.023 min
Response: 411353
Conc: 2.82 ug/ml



#17 n-Tricontane (C30)

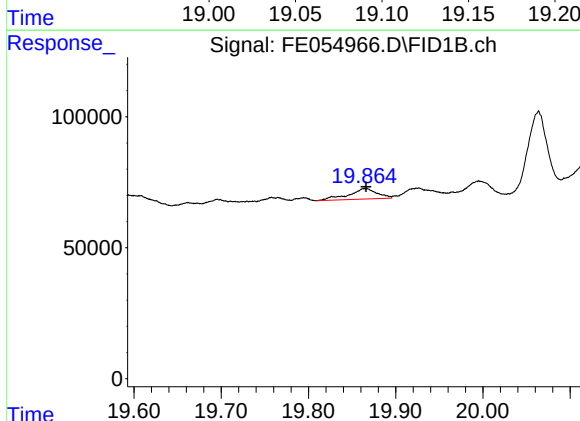
R.T.: 18.250 min
Delta R.T.: 0.004 min
Response: 227579
Conc: 1.44 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-4-EPH



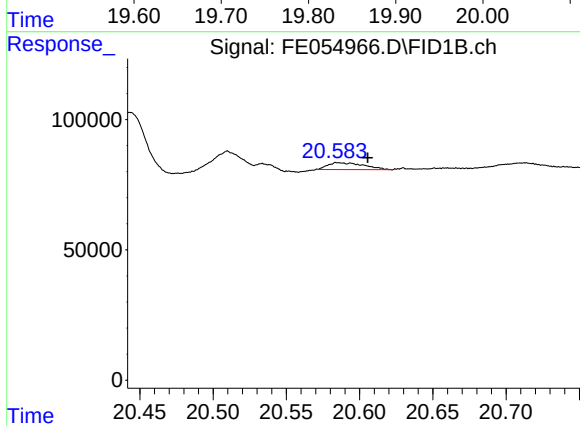
#18 n-Dotriacontane (C32)

R.T.: 19.080 min
Delta R.T.: 0.000 min
Response: 60796
Conc: 0.38 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.865 min
Delta R.T.: 0.000 min
Response: 90339
Conc: 0.59 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.586 min
Delta R.T.: -0.019 min
Response: 45609
Conc: 0.34 ug/ml