

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062525AL\
 Data File : FE054577.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jun 2025 16:18
 Operator : YP\AJ
 Sample : Q2399-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-13-EPH

Integration File: autoint1.e
 Quant Time: Jun 26 02:32:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.824	4476297	27.090 ug/ml
Spiked Amount 50.000		Recovery =	54.18%
12) S 1-chlorooctadecane (S...	13.268	3438024	28.192 ug/ml
Spiked Amount 50.000		Recovery =	56.38%
Target Compounds			
6) T n-Tetradecane (C14)	8.449	162970	1.259 ug/ml
7) T n-Hexadecane (C16)	10.062	87656	0.660 ug/ml
8) T n-Octadecane (C18)	11.509	115712	0.857 ug/ml
10) T n-Eicosane (C20)	12.821	87143	0.651 ug/ml
11) T n-Heneicosane (C21)	13.435	59399	0.447 ug/ml
13) T n-Docosane (C22)	14.022	62609	0.477 ug/ml
14) T n-Tetracosane (C24)	15.129	114054	0.884 ug/ml
15) T n-Hexacosane (C26)	16.151	27166	0.216 ug/ml
16) T n-Octacosane (C28)	17.102	29499	0.241 ug/ml
17) T n-Tricontane (C30)	17.992	43961	0.355 ug/ml
18) T n-Dotriacontane (C32)	18.825	60504	0.482 ug/ml
19) T n-Tetratriacontane (C34)	19.612	44928	0.361 ug/ml
20) T n-Hexatriacontane (C36)	20.355	29607	0.230 ug/ml
21) T n-Octatriacontane (C38)	21.081	37896	0.287 ug/ml

(f)=RT Delta > 1/2 Window

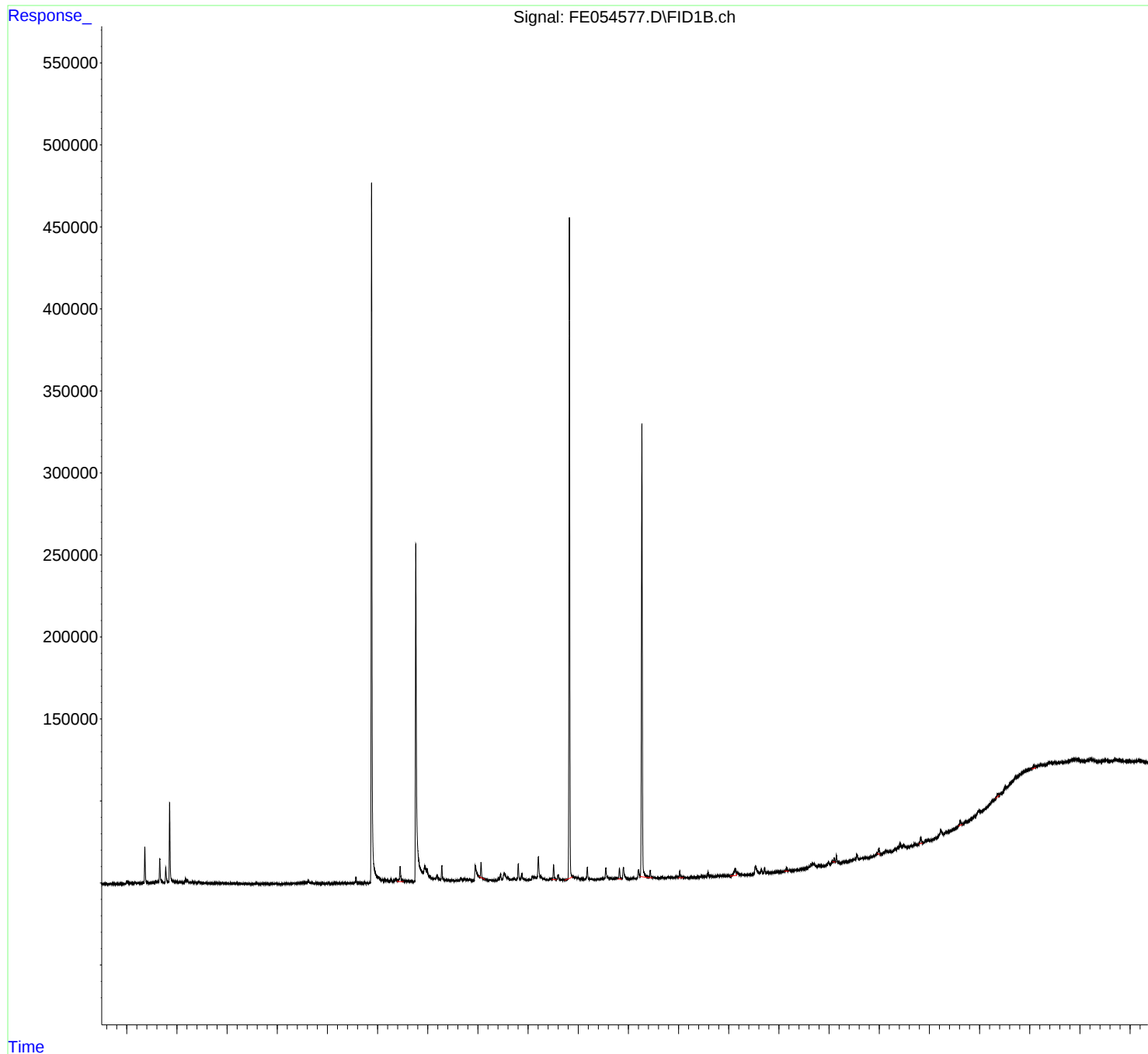
(m)=manual int.

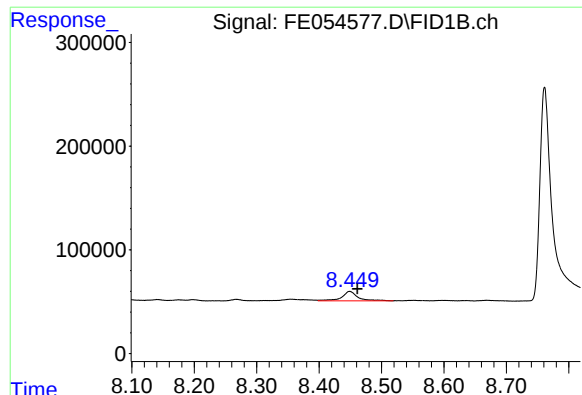
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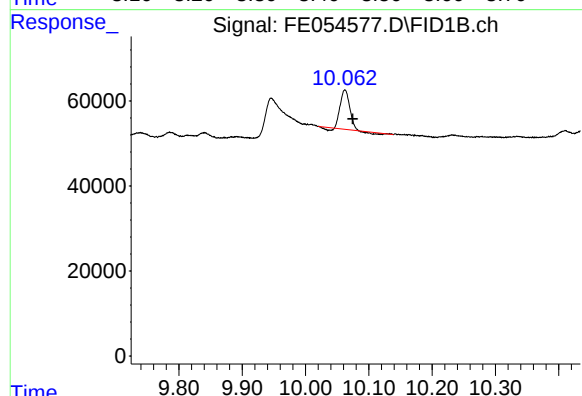




#6 n-Tetradecane (C14)

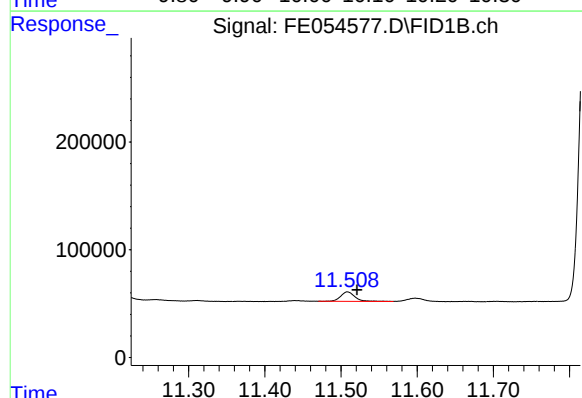
R.T.: 8.449 min
Delta R.T.: -0.012 min
Response: 162970
Conc: 1.26 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-13-EPH



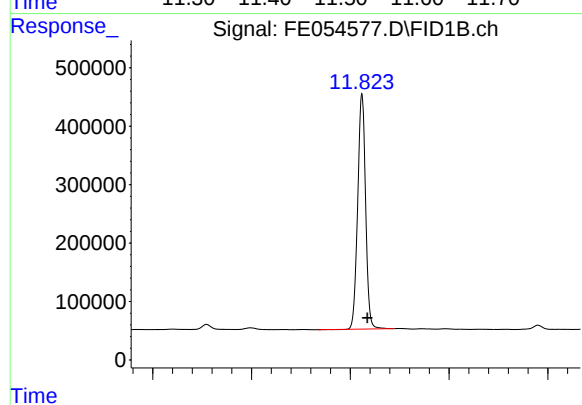
#7 n-Hexadecane (C16)

R.T.: 10.062 min
Delta R.T.: -0.012 min
Response: 87656
Conc: 0.66 ug/ml



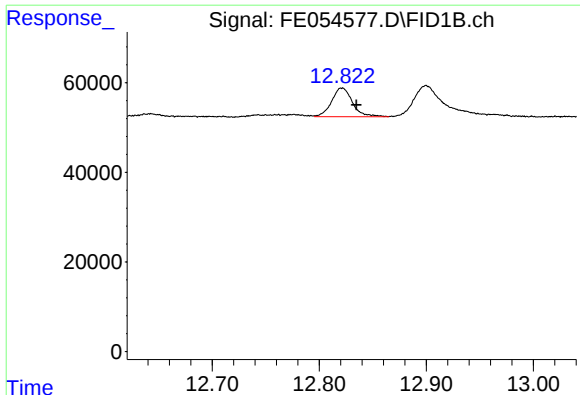
#8 n-Octadecane (C18)

R.T.: 11.509 min
Delta R.T.: -0.012 min
Response: 115712
Conc: 0.86 ug/ml



#9 ortho-Terphenyl (SURR)

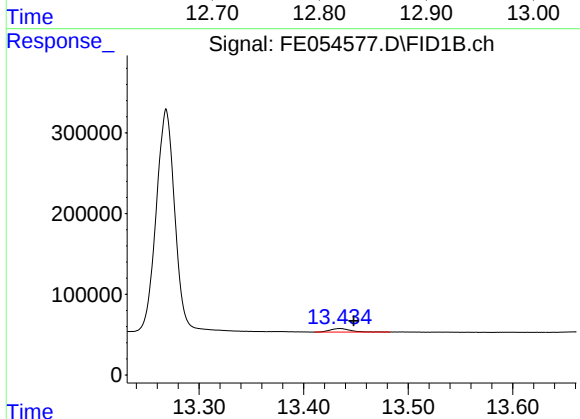
R.T.: 11.824 min
Delta R.T.: -0.011 min
Response: 4476297
Conc: 27.09 ug/ml



#10 n-Eicosane (C20)

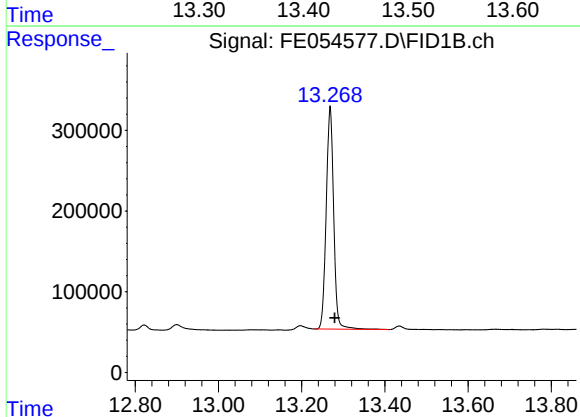
R.T.: 12.821 min
Delta R.T.: -0.013 min
Response: 87143
Conc: 0.65 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-13-EPH



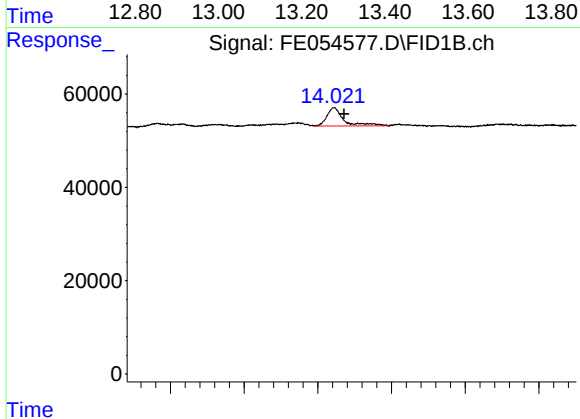
#11 n-Heneicosane (C21)

R.T.: 13.435 min
Delta R.T.: -0.013 min
Response: 59399
Conc: 0.45 ug/ml



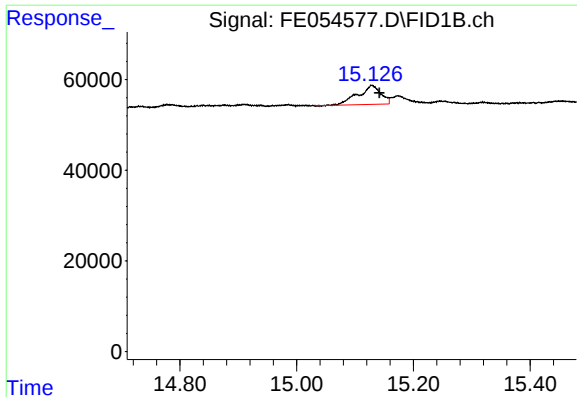
#12 1-chlorooctadecane (SURR)

R.T.: 13.268 min
Delta R.T.: -0.011 min
Response: 3438024
Conc: 28.19 ug/ml



#13 n-Docosane (C22)

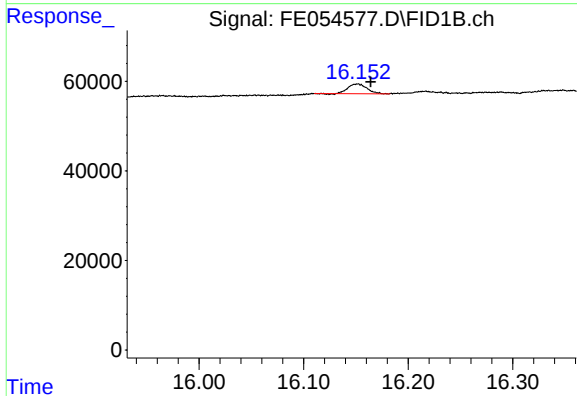
R.T.: 14.022 min
Delta R.T.: -0.013 min
Response: 62609
Conc: 0.48 ug/ml



#14 n-Tetracosane (C24)

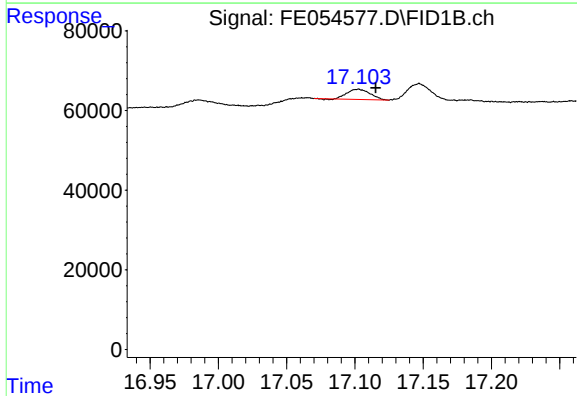
R.T.: 15.129 min
Delta R.T.: -0.012 min
Response: 114054
Conc: 0.88 ug/ml

Instrument :
FID_E
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TP-13-EPH



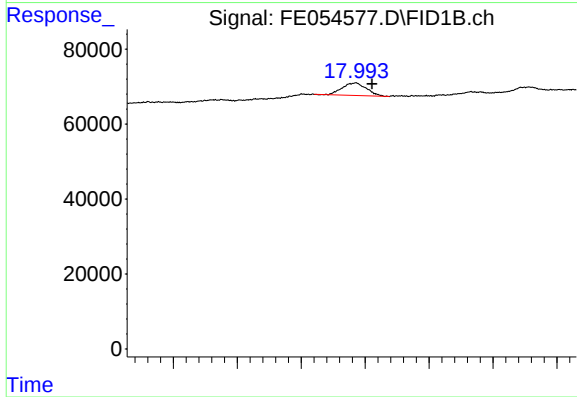
#15 n-Hexacosane (C26)

R.T.: 16.151 min
Delta R.T.: -0.013 min
Response: 27166
Conc: 0.22 ug/ml



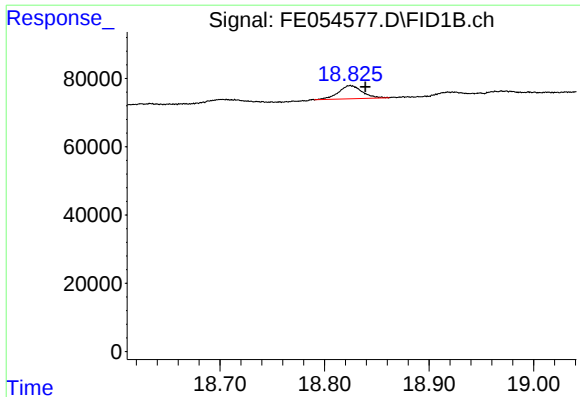
#16 n-Octacosane (C28)

R.T.: 17.102 min
Delta R.T.: -0.013 min
Response: 29499
Conc: 0.24 ug/ml



#17 n-Tricontane (C30)

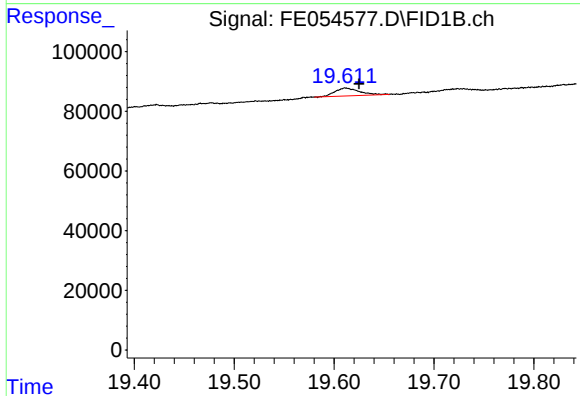
R.T.: 17.992 min
Delta R.T.: -0.014 min
Response: 43961
Conc: 0.35 ug/ml



#18 n-Dotriacontane (C32)

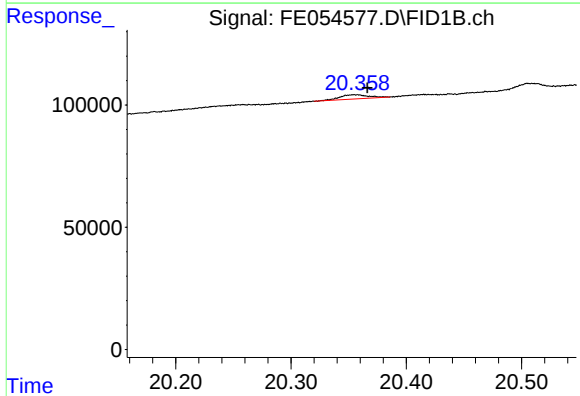
R.T.: 18.825 min
Delta R.T.: -0.014 min
Response: 60504
Conc: 0.48 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-13-EPH



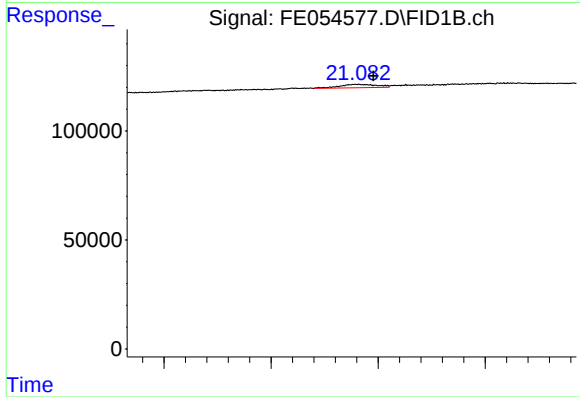
#19 n-Tetratriacontane (C34)

R.T.: 19.612 min
Delta R.T.: -0.013 min
Response: 44928
Conc: 0.36 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.355 min
Delta R.T.: -0.011 min
Response: 29607
Conc: 0.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.081 min
Delta R.T.: -0.015 min
Response: 37896
Conc: 0.29 ug/ml