

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061625AL\
 Data File : FE054410.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jun 2025 17:47
 Operator : YP\AJ
 Sample : Q2311-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP04-MH2MH3-EPH

Integration File: sample.E
 Quant Time: Jun 17 03:27:47 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)	11.825	5091982	30.817 ug/ml
Spiked Amount 50.000		Recovery =	61.63%
12) S 1-chlorooctadecane (S...	13.270	4236762	34.742 ug/ml
Spiked Amount 50.000		Recovery =	69.48%
Target Compounds			
7) T n-Hexadecane (C16)	10.064	51612	0.389 ug/ml
8) T n-Octadecane (C18)	11.510	56232	0.416 ug/ml
10) T n-Eicosane (C20)	12.822	121233	0.906 ug/ml
11) T n-Heneicosane (C21)	13.436	94128	0.708 ug/ml
13) T n-Docosane (C22)	14.024	105384	0.804 ug/ml
14) T n-Tetracosane (C24)	15.123	805400	6.244 ug/ml
15) T n-Hexacosane (C26)	16.152	214817	1.711 ug/ml
16) T n-Octacosane (C28)	17.101	260975	2.128 ug/ml
17) T n-Tricontane (C30)	17.990	913791	7.373 ug/ml
18) T n-Dotriacontane (C32)	18.827	1490550	11.863 ug/ml
19) T n-Tetratriacontane (C34)	19.619	2713759	21.814 ug/ml
20) T n-Hexatriacontane (C36)	20.355	1629233	12.656 ug/ml
21) T n-Octatriacontane (C38)	21.083	3176013	24.053 ug/ml
22) T n-Tetracontane (C40)	21.955	4809398	35.703 ug/ml

(f)=RT Delta > 1/2 Window

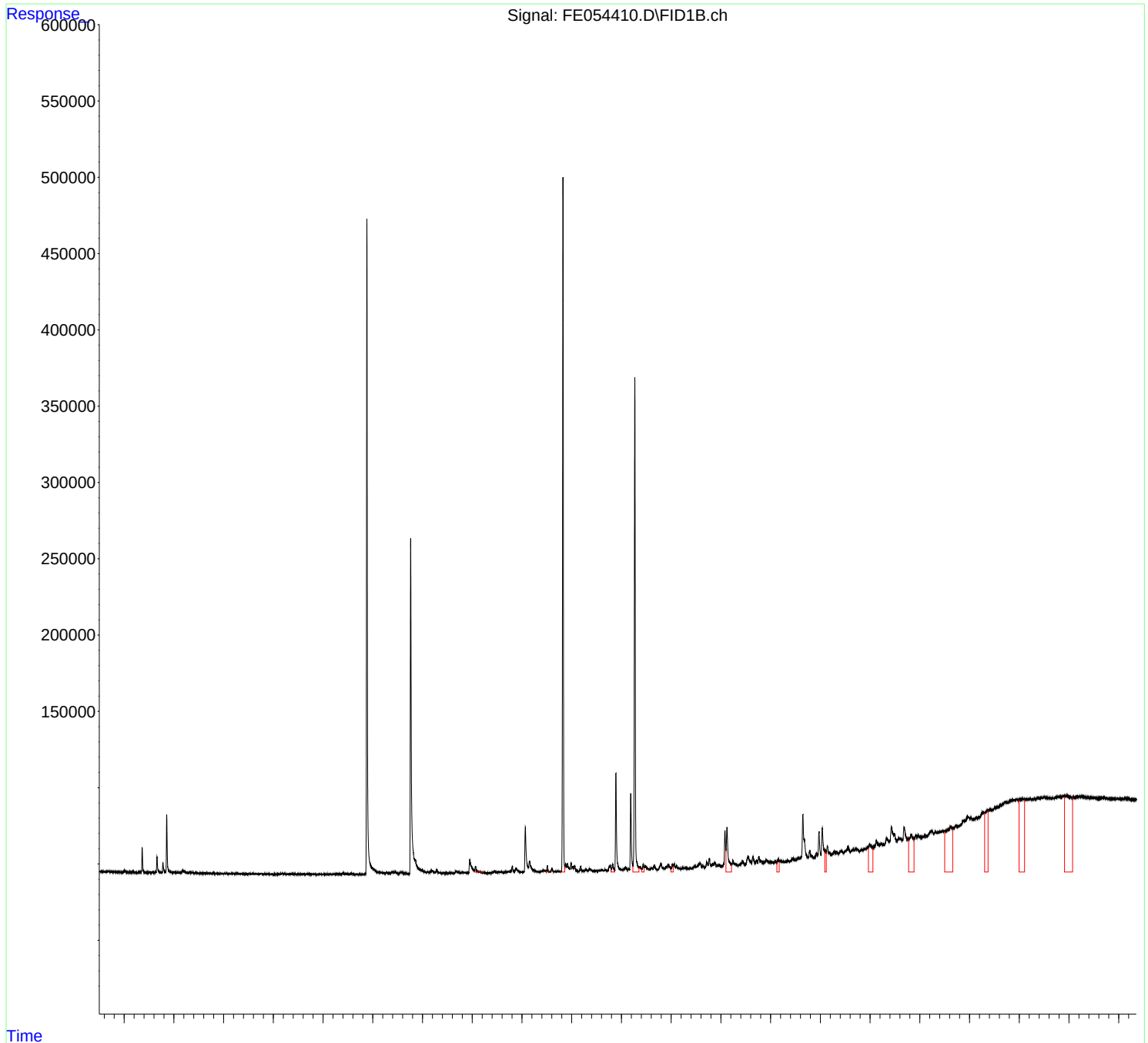
(m)=manual int.

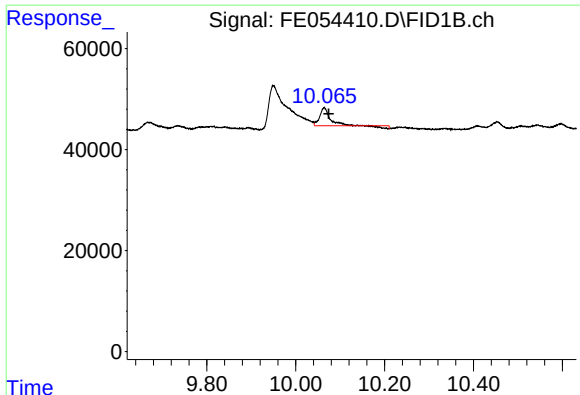
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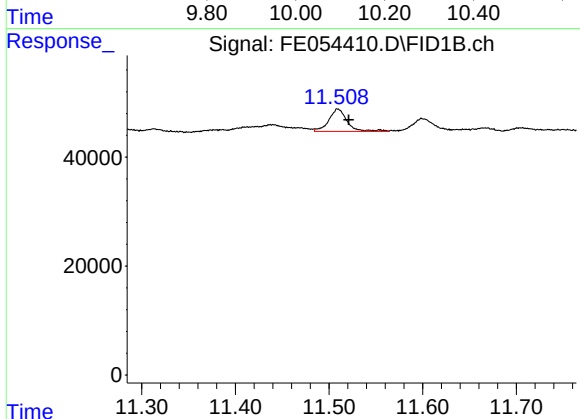




#7 n-Hexadecane (C16)

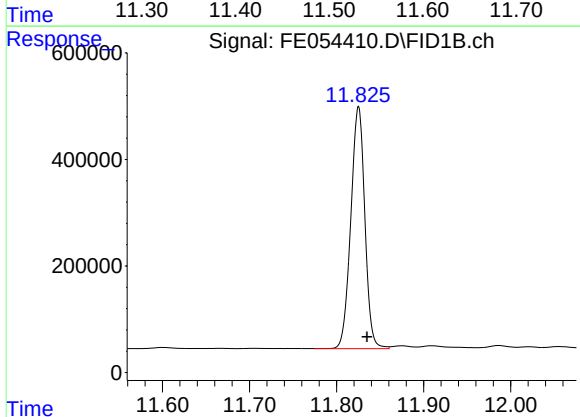
R.T.: 10.064 min
Delta R.T.: -0.010 min
Response: 51612
Conc: 0.39 ug/ml

Instrument :
FID_E
ClientSampleId :
TP04-MH2MH3-EPH



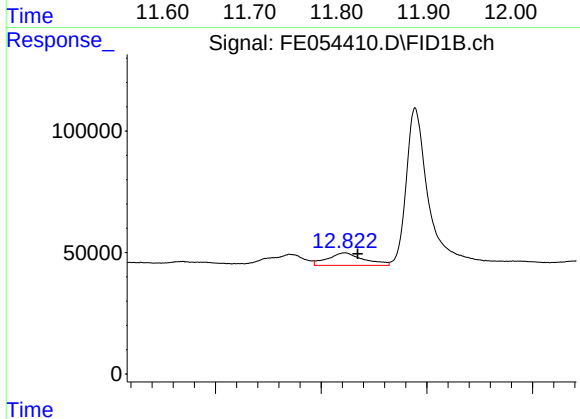
#8 n-Octadecane (C18)

R.T.: 11.510 min
Delta R.T.: -0.011 min
Response: 56232
Conc: 0.42 ug/ml



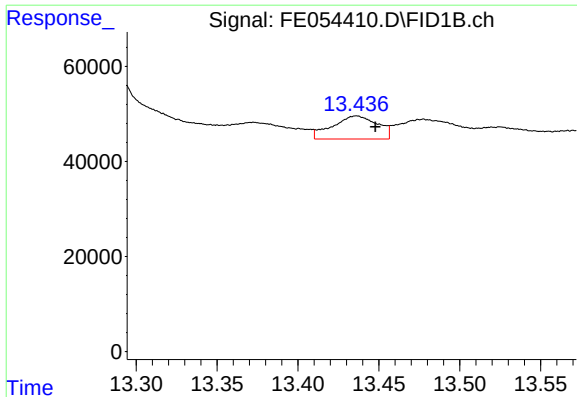
#9 ortho-Terphenyl (SURR)

R.T.: 11.825 min
Delta R.T.: -0.010 min
Response: 5091982
Conc: 30.82 ug/ml



#10 n-Eicosane (C20)

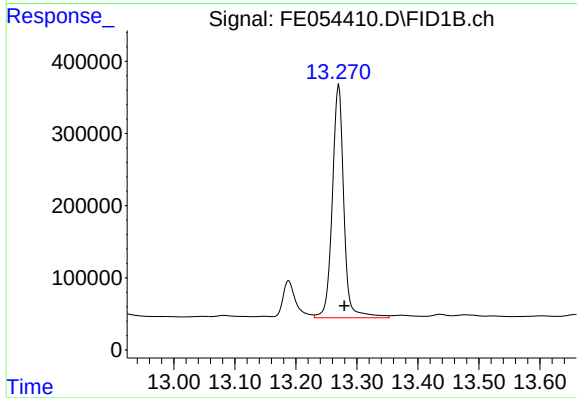
R.T.: 12.822 min
Delta R.T.: -0.013 min
Response: 121233
Conc: 0.91 ug/ml



#11 n-Heneicosane (C21)

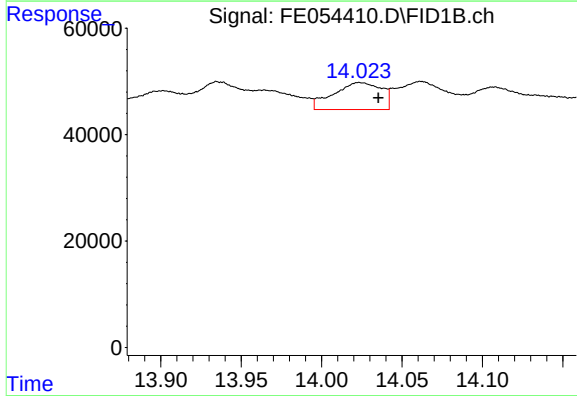
R.T.: 13.436 min
Delta R.T.: -0.012 min
Response: 94128
Conc: 0.71 ug/ml

Instrument :
FID_E
ClientSampleId :
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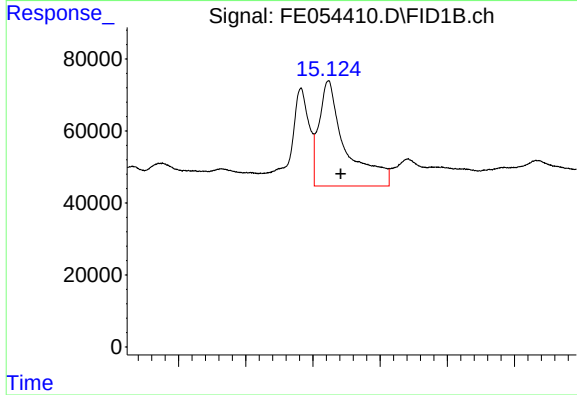
#12 1-chlorooctadecane (SURR)

R.T.: 13.270 min
Delta R.T.: -0.010 min
Response: 4236762
Conc: 34.74 ug/ml



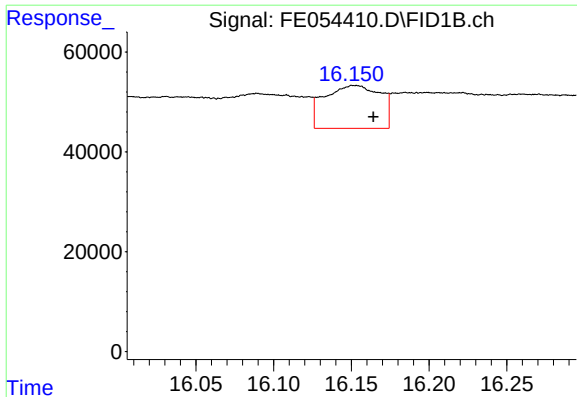
#13 n-Docosane (C22)

R.T.: 14.024 min
Delta R.T.: -0.011 min
Response: 105384
Conc: 0.80 ug/ml



#14 n-Tetracosane (C24)

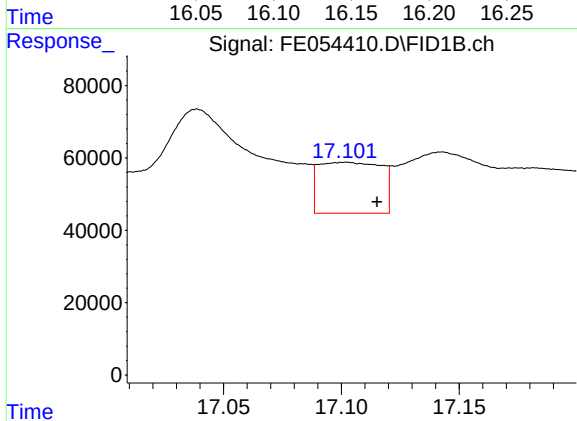
R.T.: 15.123 min
Delta R.T.: -0.019 min
Response: 805400
Conc: 6.24 ug/ml



#15 n-Hexacosane (C26)

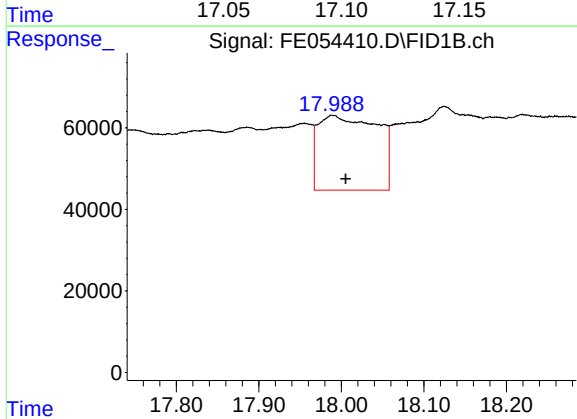
R.T.: 16.152 min
Delta R.T.: -0.012 min
Response: 214817
Conc: 1.71 ug/ml

Instrument :
FID_E
ClientSampleId :
TP04-MH2MH3-EPH



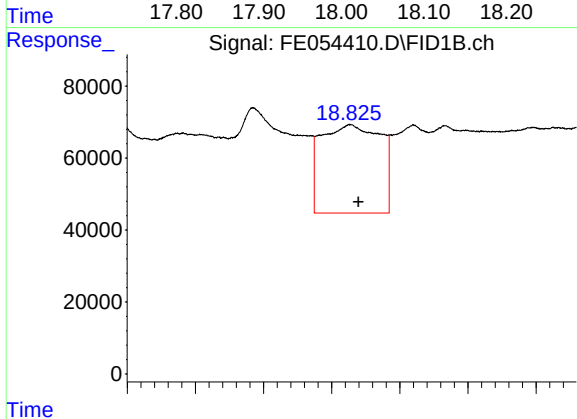
#16 n-Octacosane (C28)

R.T.: 17.101 min
Delta R.T.: -0.014 min
Response: 260975
Conc: 2.13 ug/ml



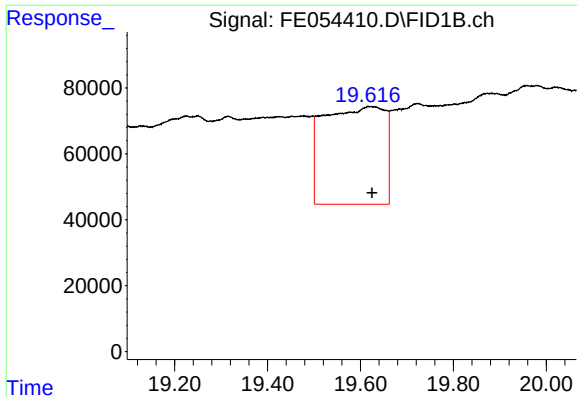
#17 n-Tricontane (C30)

R.T.: 17.990 min
Delta R.T.: -0.016 min
Response: 913791
Conc: 7.37 ug/ml



#18 n-Dotriacontane (C32)

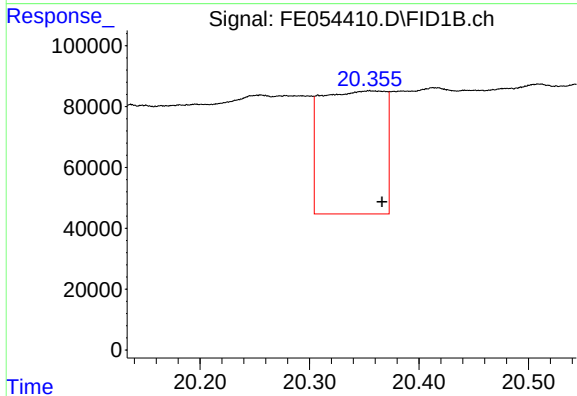
R.T.: 18.827 min
Delta R.T.: -0.012 min
Response: 1490550
Conc: 11.86 ug/ml



#19 n-Tetratriacontane (C34)

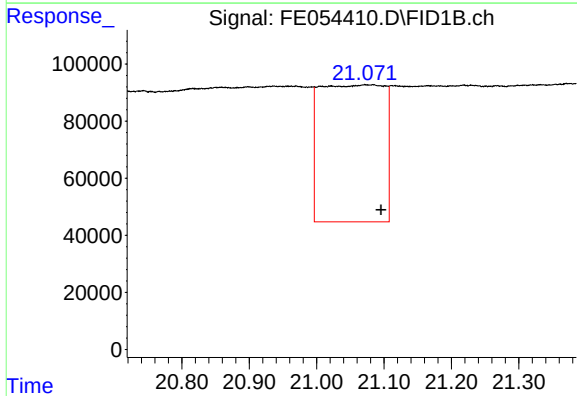
R.T.: 19.619 min
Delta R.T.: -0.006 min
Response: 2713759
Conc: 21.81 ug/ml

Instrument :
FID_E
ClientSampleId :
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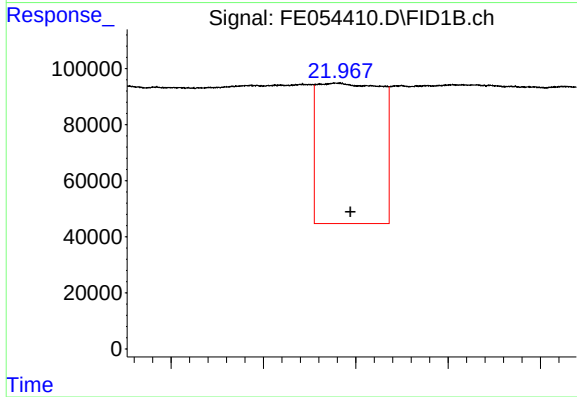
#20 n-Hexatriacontane (C36)

R.T.: 20.355 min
Delta R.T.: -0.011 min
Response: 1629233
Conc: 12.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.083 min
Delta R.T.: -0.013 min
Response: 3176013
Conc: 24.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.955 min
Delta R.T.: -0.033 min
Response: 4809398
Conc: 35.70 ug/ml