

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062325AL\
 Data File : FE054540.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jun 2025 15:22
 Operator : YP\AJ
 Sample : Q2380-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 72-11948-E2

Integration File: autoint1.e
 Quant Time: Jun 24 03:07:15 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)	11.829	8033397	48.618 ug/ml
Spiked Amount 50.000		Recovery =	97.24%
12) S 1-chlorooctadecane (S...	13.275	5822377	47.745 ug/ml
Spiked Amount 50.000		Recovery =	95.49%
Target Compounds			
6) T n-Tetradecane (C14)	8.447	58705	0.453 ug/ml
10) T n-Eicosane (C20)	12.837	566696	4.236 ug/ml
11) T n-Heneicosane (C21)	13.439	91685	0.690 ug/ml
13) T n-Docosane (C22)	14.021	296694	2.263 ug/ml
14) T n-Tetracosane (C24)	15.127	325989	2.527 ug/ml
15) T n-Hexacosane (C26)	16.152	55659	0.443 ug/ml
16) T n-Octacosane (C28)	17.105	37265	0.304 ug/ml
17) T n-Tricontane (C30)	17.992	51508	0.416 ug/ml
18) T n-Dotriacontane (C32)	18.825	133963	1.066 ug/ml
19) T n-Tetratriacontane (C34)	19.615	38358	0.308 ug/ml

(f)=RT Delta > 1/2 Window

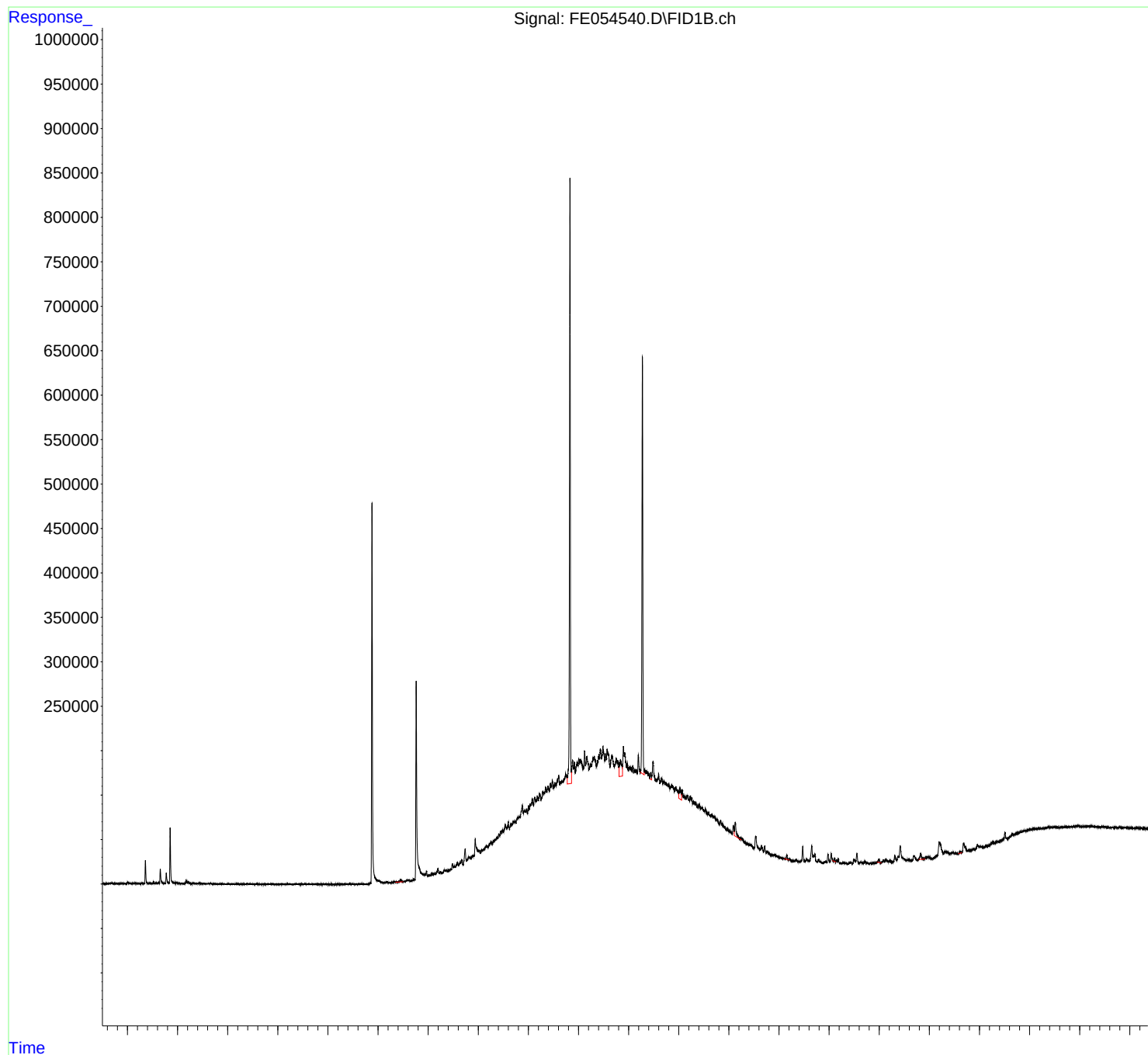
(m)=manual int.

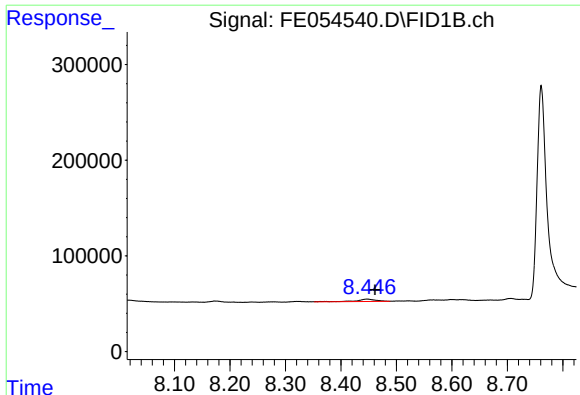
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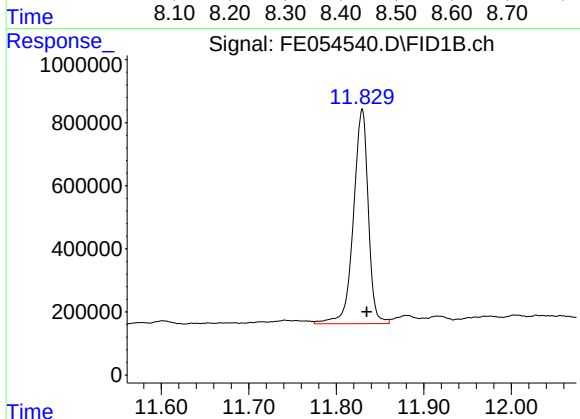




#6 n-Tetradecane (C14)

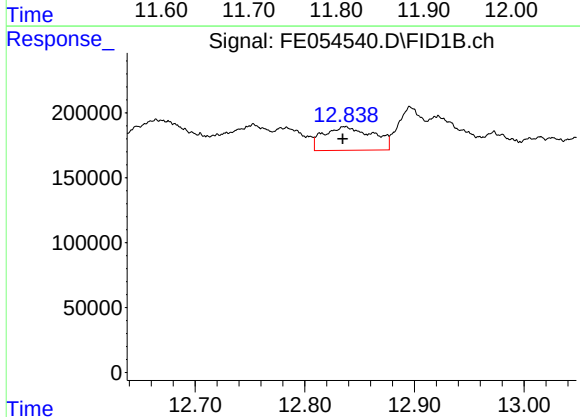
R.T.: 8.447 min
Delta R.T.: -0.014 min
Response: 58705
Conc: 0.45 ug/ml

Instrument :
FID_E
ClientSampleId :
72-11948-E2



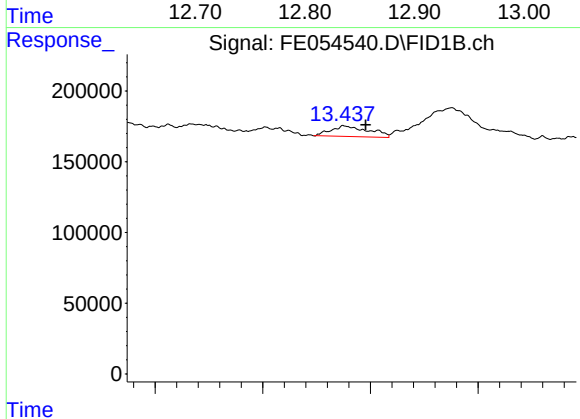
#9 ortho-Terphenyl (SURR)

R.T.: 11.829 min
Delta R.T.: -0.006 min
Response: 8033397
Conc: 48.62 ug/ml



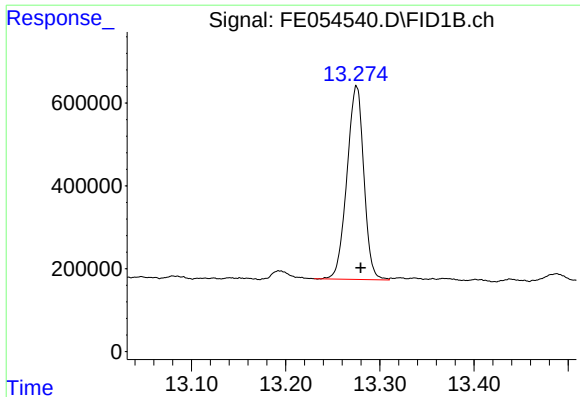
#10 n-Eicosane (C20)

R.T.: 12.837 min
Delta R.T.: 0.002 min
Response: 566696
Conc: 4.24 ug/ml



#11 n-Heneicosane (C21)

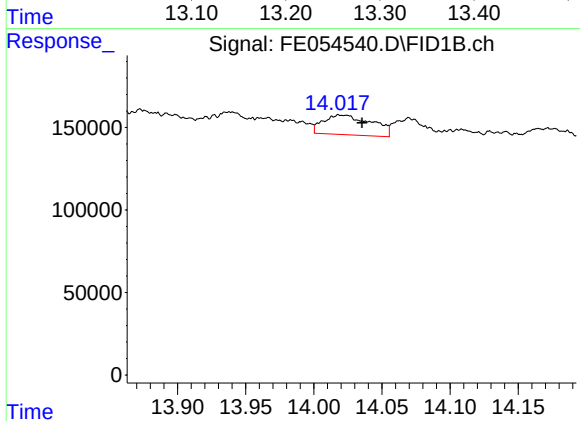
R.T.: 13.439 min
Delta R.T.: -0.009 min
Response: 91685
Conc: 0.69 ug/ml



#12 1-chlorooctadecane (SURR)

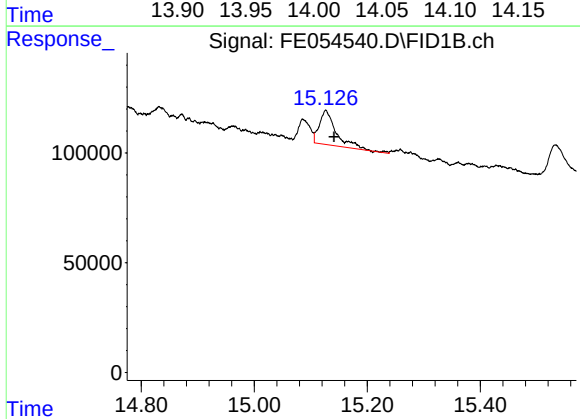
R.T.: 13.275 min
Delta R.T.: -0.004 min
Response: 5822377
Conc: 47.74 ug/ml

Instrument :
FID_E
ClientSampleId :
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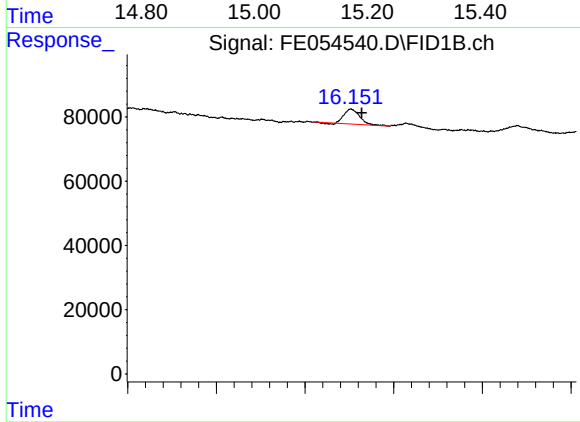
#13 n-Docosane (C22)

R.T.: 14.021 min
Delta R.T.: -0.014 min
Response: 296694
Conc: 2.26 ug/ml



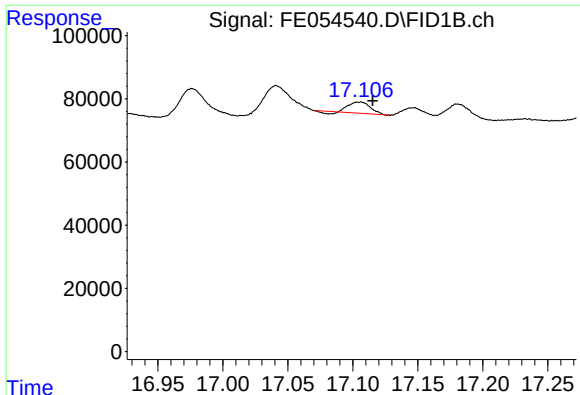
#14 n-Tetracosane (C24)

R.T.: 15.127 min
Delta R.T.: -0.015 min
Response: 325989
Conc: 2.53 ug/ml



#15 n-Hexacosane (C26)

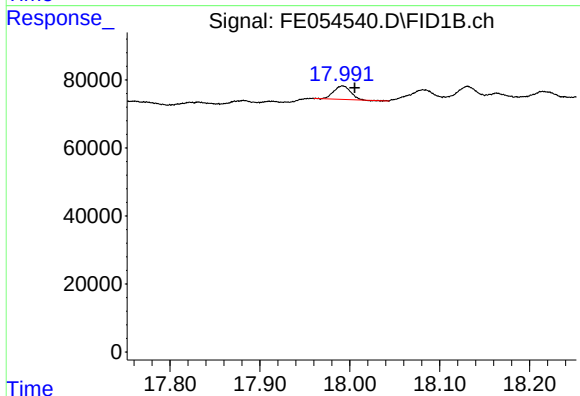
R.T.: 16.152 min
Delta R.T.: -0.012 min
Response: 55659
Conc: 0.44 ug/ml



#16 n-Octacosane (C28)

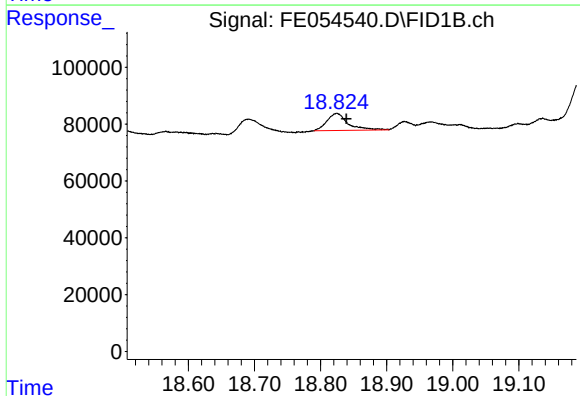
R.T.: 17.105 min
Delta R.T.: -0.010 min
Response: 37265
Conc: 0.30 ug/ml

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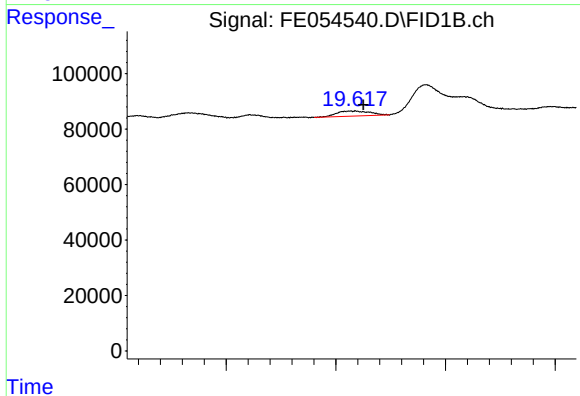
#17 n-Tricontane (C30)

R.T.: 17.992 min
Delta R.T.: -0.013 min
Response: 51508
Conc: 0.42 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.825 min
Delta R.T.: -0.014 min
Response: 133963
Conc: 1.07 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.615 min
Delta R.T.: -0.011 min
Response: 38358
Conc: 0.31 ug/ml