

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051625AL\
 Data File : FE053884.D
 Signal(s) : FID1B.ch
 Acq On : 16 May 2025 19:40
 Operator : YP\AJ
 Sample : Q2055-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-02-051525-E2

Integration File: autoint1.e
 Quant Time: May 17 05:11:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.850	5683392	34.972 ug/ml
Spiked Amount 50.000		Recovery =	69.94%
12) S 1-chlorooctadecane (S...	13.295	5532760	46.671 ug/ml
Spiked Amount 50.000		Recovery =	93.34%
Target Compounds			
6) T n-Tetradecane (C14)	8.475	155072	1.149 ug/ml
7) T n-Hexadecane (C16)	10.087	181477	1.345 ug/ml
8) T n-Octadecane (C18)	11.534	186461	1.385 ug/ml
10) T n-Eicosane (C20)	12.848	263559	2.005 ug/ml
11) T n-Heneicosane (C21)	13.461	153064	1.181 ug/ml
13) T n-Docosane (C22)	14.048	133308	1.045 ug/ml
14) T n-Tetracosane (C24)	15.138	688433	5.502 ug/ml
15) T n-Hexacosane (C26)	16.178	158498	1.294 ug/ml
17) T n-Tricontane (C30)	18.017	257393	2.066 ug/ml
18) T n-Dotriacontane (C32)	18.851	275624	2.204 ug/ml
19) T n-Tetratriacontane (C34)	19.638	200722	1.685 ug/ml
20) T n-Hexatriacontane (C36)	20.381	162455	1.403 ug/ml
21) T n-Octatriacontane (C38)	21.111	197819	1.818 ug/ml

(f)=RT Delta > 1/2 Window

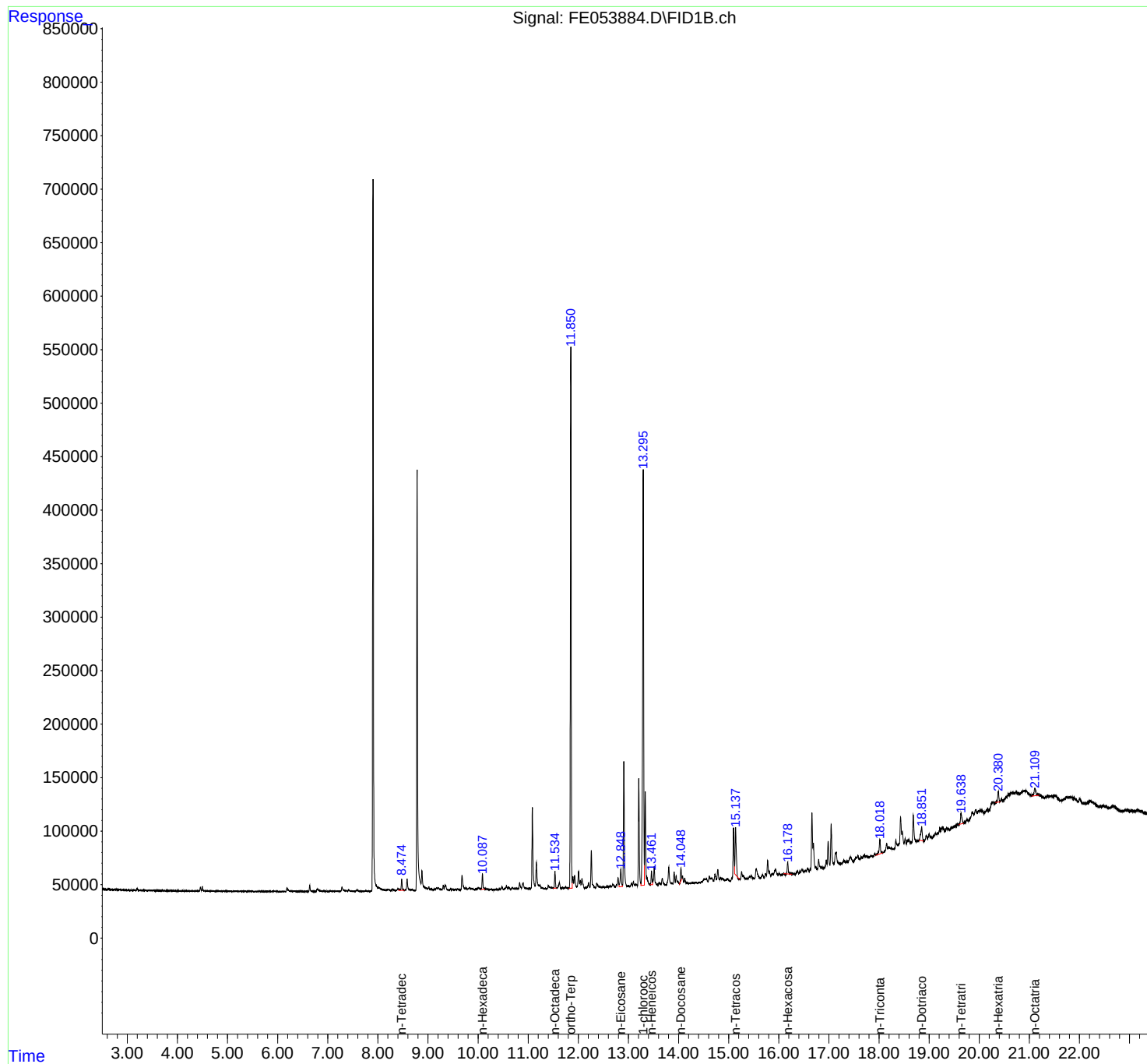
(m)=manual int.

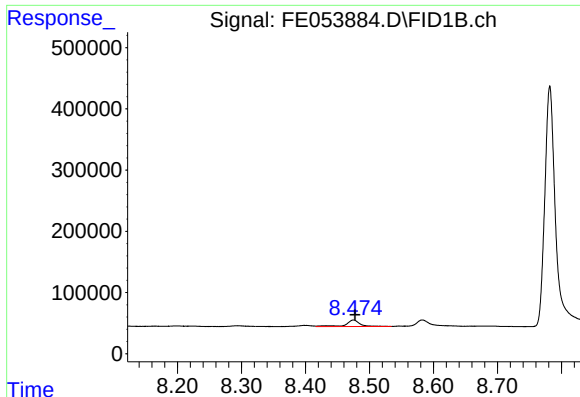
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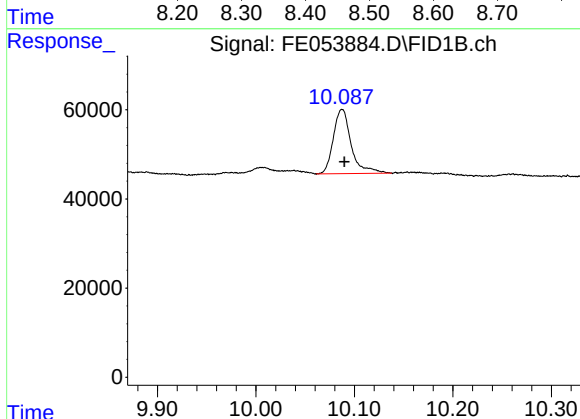




#6 n-Tetradecane (C14)

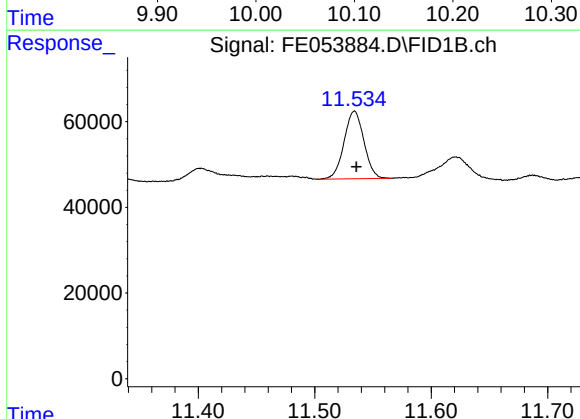
R.T.: 8.475 min
Delta R.T.: -0.002 min
Response: 155072
Conc: 1.15 ug/ml

Instrument :
FID_E
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OR-02-051525-E2



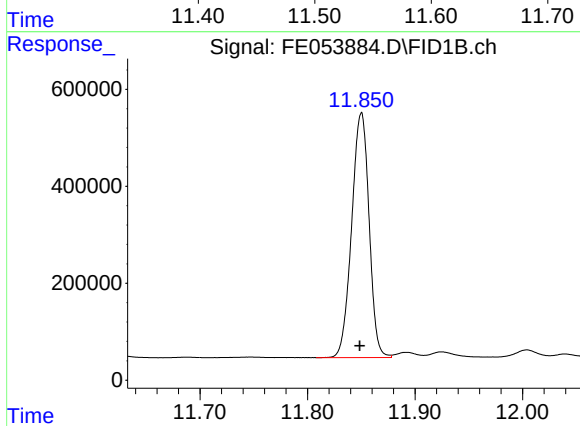
#7 n-Hexadecane (C16)

R.T.: 10.087 min
Delta R.T.: -0.002 min
Response: 181477
Conc: 1.34 ug/ml



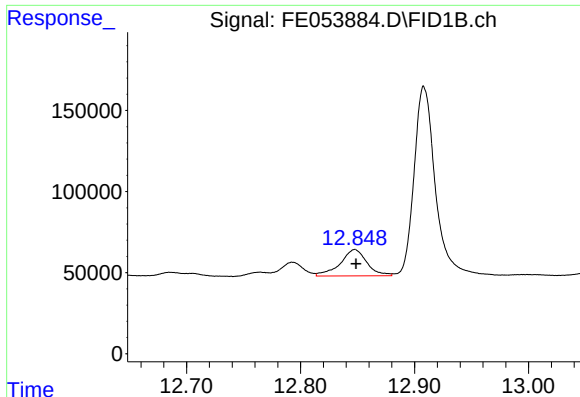
#8 n-Octadecane (C18)

R.T.: 11.534 min
Delta R.T.: -0.002 min
Response: 186461
Conc: 1.38 ug/ml



#9 ortho-Terphenyl (SURR)

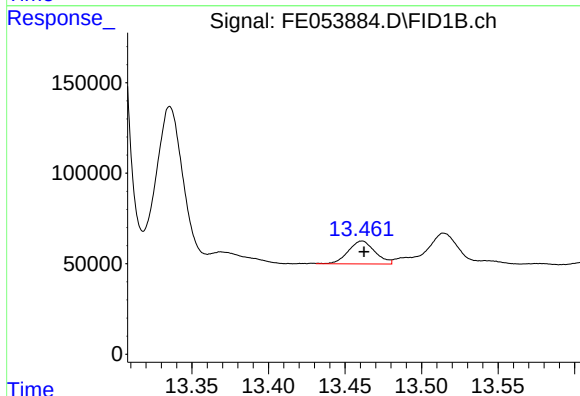
R.T.: 11.850 min
Delta R.T.: 0.001 min
Response: 5683392
Conc: 34.97 ug/ml



#10 n-Eicosane (C20)

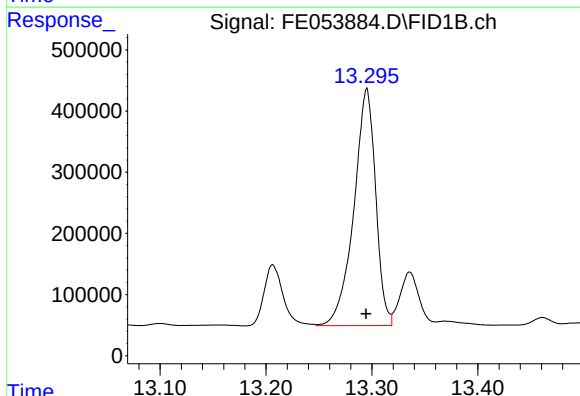
R.T.: 12.848 min
Delta R.T.: -0.001 min
Response: 263559
Conc: 2.01 ug/ml

Instrument :
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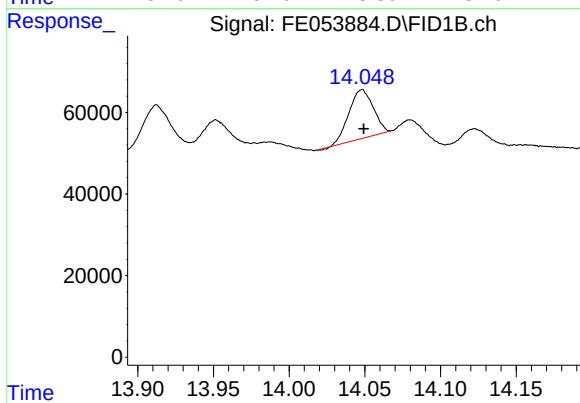
#11 n-Heneicosane (C21)

R.T.: 13.461 min
Delta R.T.: -0.001 min
Response: 153064
Conc: 1.18 ug/ml



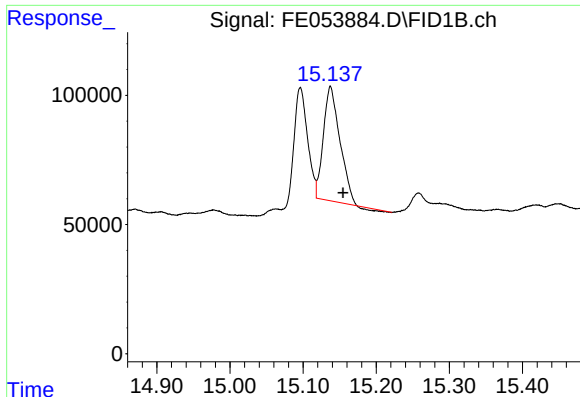
#12 1-chlorooctadecane (SURR)

R.T.: 13.295 min
Delta R.T.: 0.000 min
Response: 5532760
Conc: 46.67 ug/ml



#13 n-Docosane (C22)

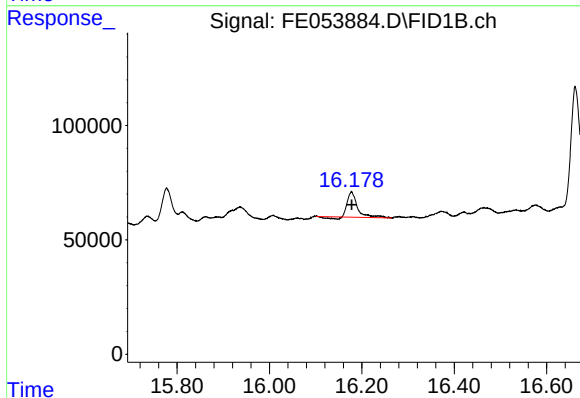
R.T.: 14.048 min
Delta R.T.: -0.001 min
Response: 133308
Conc: 1.04 ug/ml



#14 n-Tetracosane (C24)

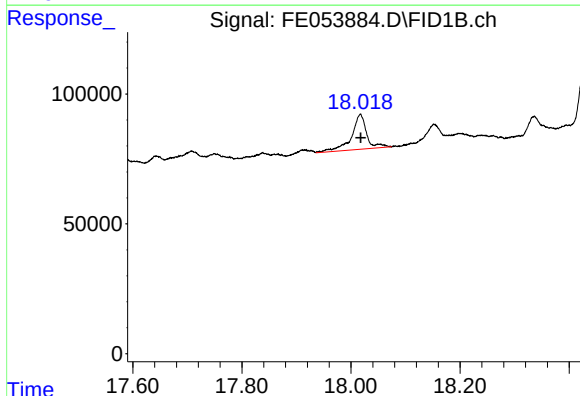
R.T.: 15.138 min
Delta R.T.: -0.017 min
Response: 688433
Conc: 5.50 ug/ml

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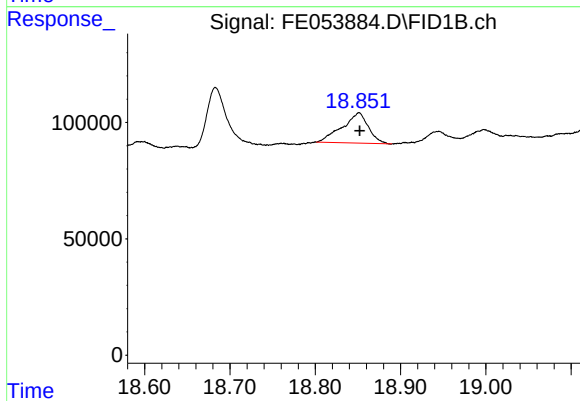
#15 n-Hexacosane (C26)

R.T.: 16.178 min
Delta R.T.: 0.000 min
Response: 158498
Conc: 1.29 ug/ml



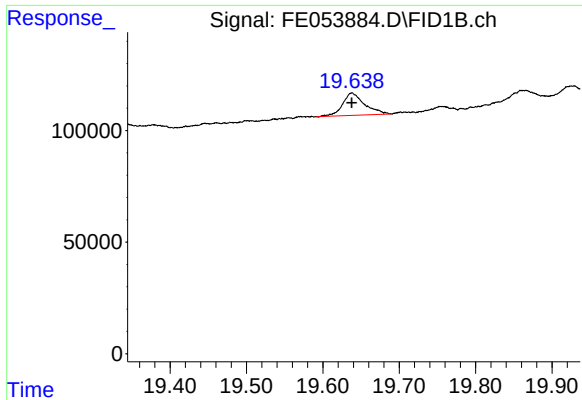
#17 n-Tricontane (C30)

R.T.: 18.017 min
Delta R.T.: 0.000 min
Response: 257393
Conc: 2.07 ug/ml



#18 n-Dotriacontane (C32)

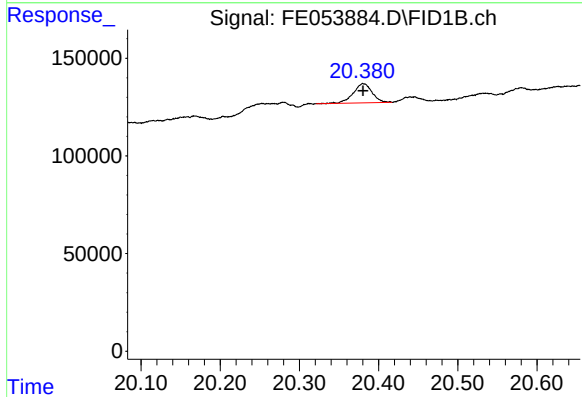
R.T.: 18.851 min
Delta R.T.: -0.001 min
Response: 275624
Conc: 2.20 ug/ml



#19 n-Tetratriacontane (C34)

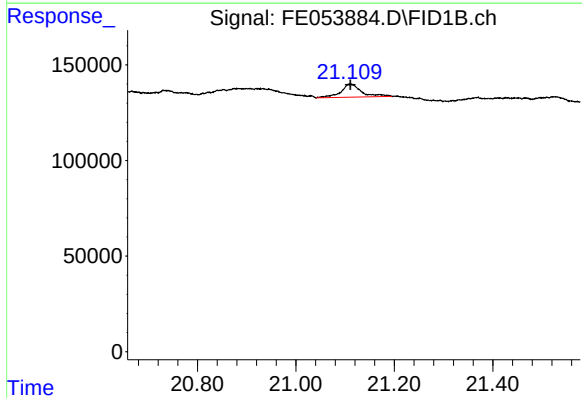
R.T.: 19.638 min
Delta R.T.: 0.000 min
Response: 200722
Conc: 1.69 ug/ml

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

R.T.: 20.381 min
Delta R.T.: 0.000 min
Response: 162455
Conc: 1.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.111 min
Delta R.T.: 0.000 min
Response: 197819
Conc: 1.82 ug/ml