

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060225AL\
 Data File : FE054136.D
 Signal(s) : FID1B.ch
 Acq On : 02 Jun 2025 22:19
 Operator : YP\AJ
 Sample : Q2173-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-400-CF-402B-68

Integration File: autoint1.e
 Quant Time: Jun 03 01:23:24 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)	11.840	6013017	37.000 ug/ml
Spiked Amount 50.000		Recovery =	74.00%
12) S 1-chlorooctadecane (S...	13.285	4876849	41.138 ug/ml
Spiked Amount 50.000		Recovery =	82.28%
Target Compounds			
7) T n-Hexadecane (C16)	10.077	39202	0.291 ug/ml
10) T n-Eicosane (C20)	12.835	74468	0.567 ug/ml
11) T n-Heneicosane (C21)	13.452	25011	0.193 ug/ml
13) T n-Docosane (C22)	14.039	39818	0.312 ug/ml
14) T n-Tetracosane (C24)	15.136	225564	1.803 ug/ml
15) T n-Hexacosane (C26)	16.144	324368	2.649 ug/ml
16) T n-Octacosane (C28)	17.118	37207	0.306 ug/ml
17) T n-Tricontane (C30)	18.007	194915	1.565 ug/ml
18) T n-Dotriacontane (C32)	18.839	133295	1.066 ug/ml
19) T n-Tetratriacontane (C34)	19.646	90056	0.756 ug/ml
20) T n-Hexatriacontane (C36)	20.382	39726	0.343 ug/ml
21) T n-Octatriacontane (C38)	21.101	91968	0.845 ug/ml

(f)=RT Delta > 1/2 Window

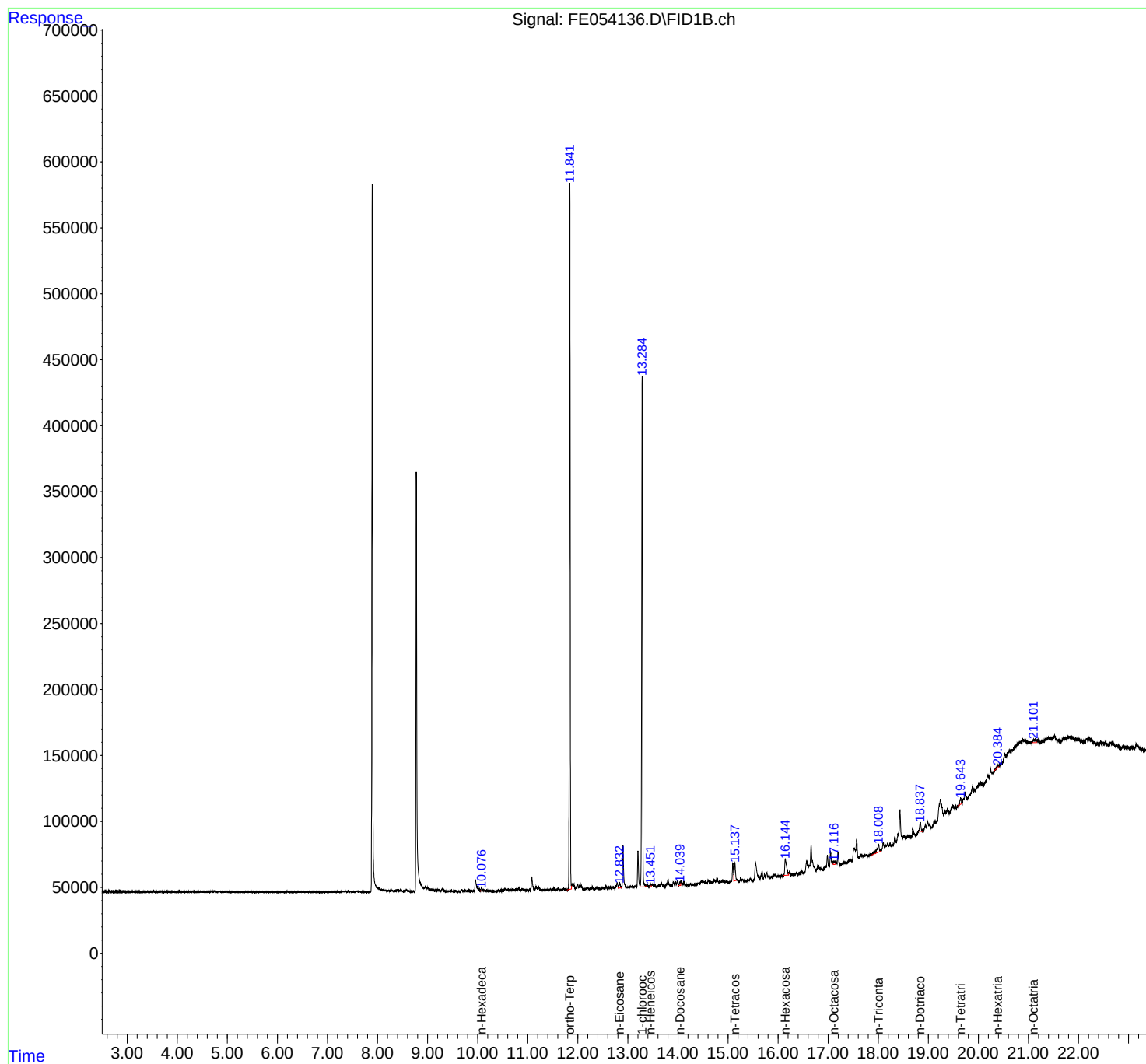
(m)=manual int.

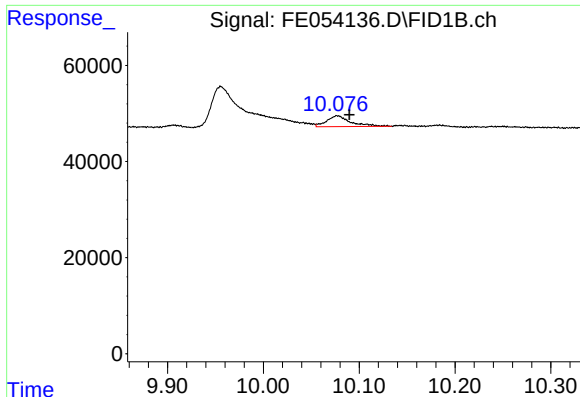
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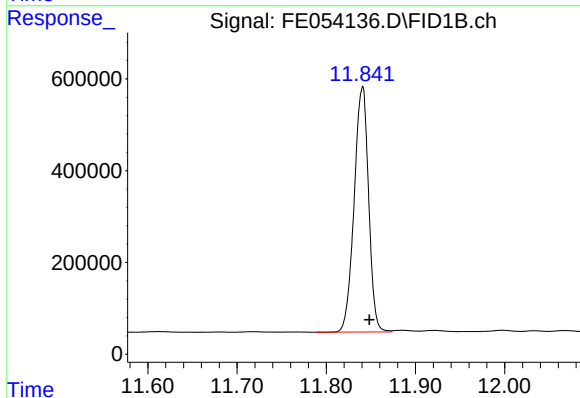




#7 n-Hexadecane (C16)

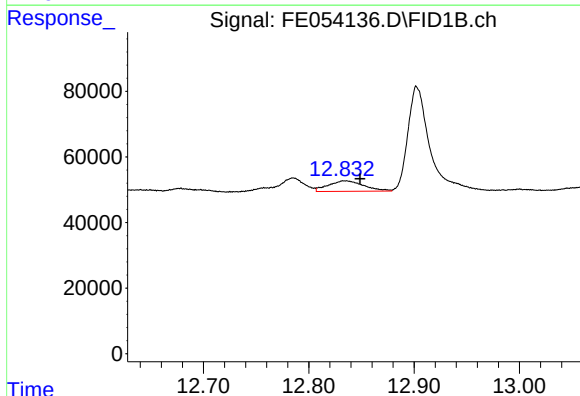
R.T.: 10.077 min
Delta R.T.: -0.013 min
Response: 39202
Conc: 0.29 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-400-CF-402B-68



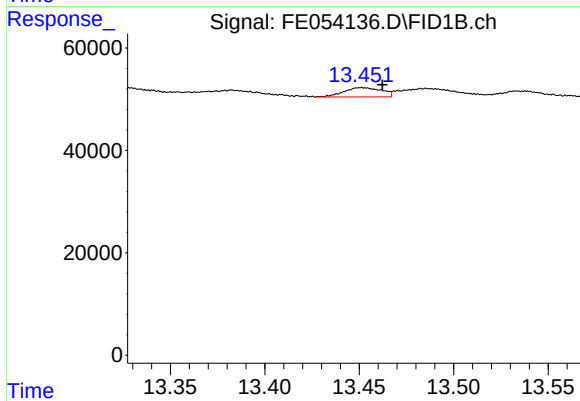
#9 ortho-Terphenyl (SURRE)

R.T.: 11.840 min
Delta R.T.: -0.008 min
Response: 6013017
Conc: 37.00 ug/ml



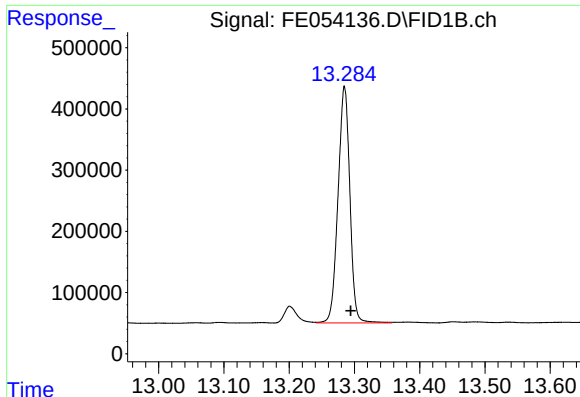
#10 n-Eicosane (C20)

R.T.: 12.835 min
Delta R.T.: -0.014 min
Response: 74468
Conc: 0.57 ug/ml



#11 n-Heneicosane (C21)

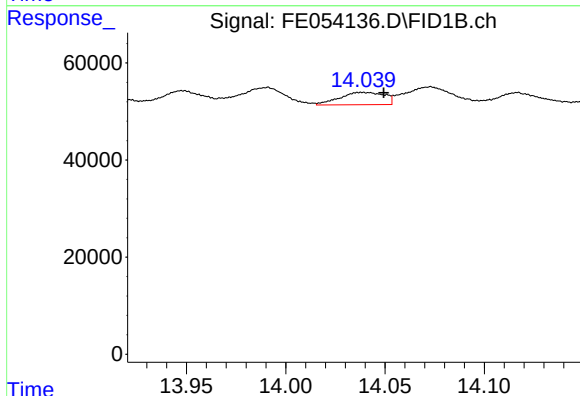
R.T.: 13.452 min
Delta R.T.: -0.011 min
Response: 25011
Conc: 0.19 ug/ml



#12 1-chlorooctadecane (SURR)

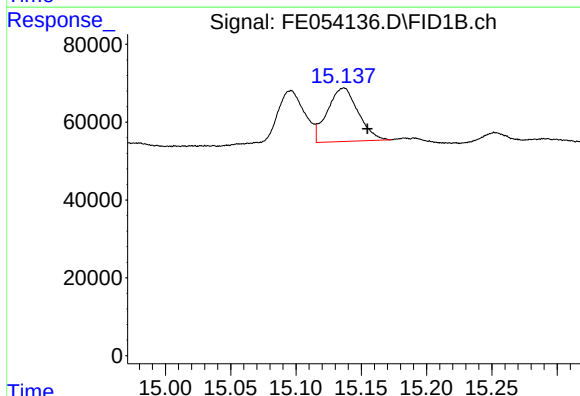
R.T.: 13.285 min
Delta R.T.: -0.010 min
Response: 4876849
Conc: 41.14 ug/ml

Instrument :
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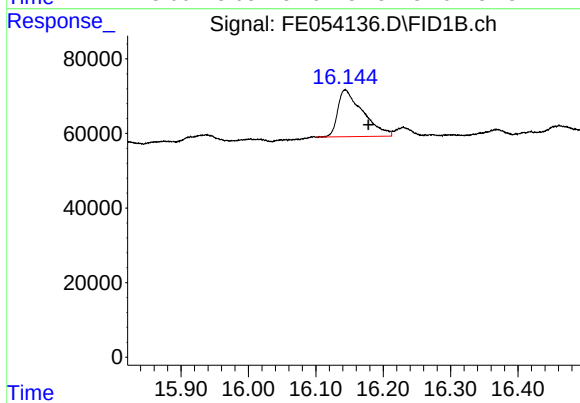
#13 n-Docosane (C22)

R.T.: 14.039 min
Delta R.T.: -0.010 min
Response: 39818
Conc: 0.31 ug/ml



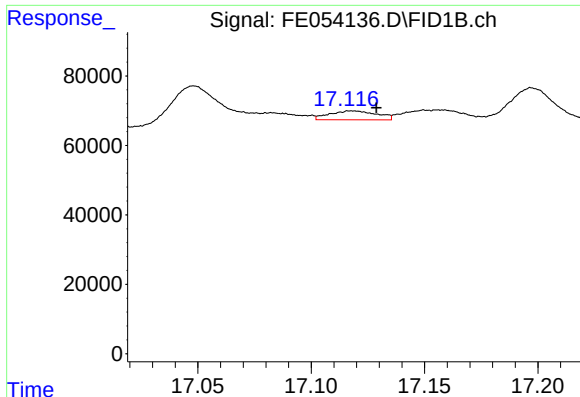
#14 n-Tetracosane (C24)

R.T.: 15.136 min
Delta R.T.: -0.019 min
Response: 225564
Conc: 1.80 ug/ml



#15 n-Hexacosane (C26)

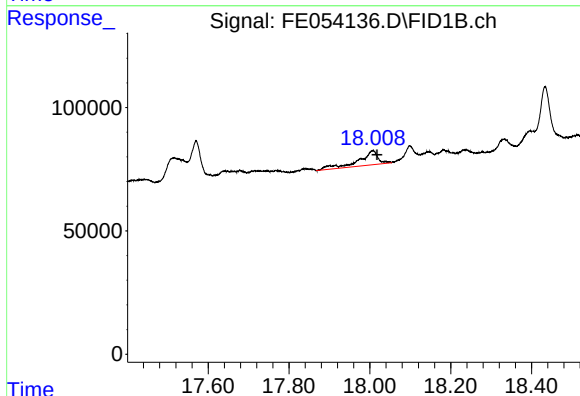
R.T.: 16.144 min
Delta R.T.: -0.034 min
Response: 324368
Conc: 2.65 ug/ml



#16 n-Octacosane (C28)

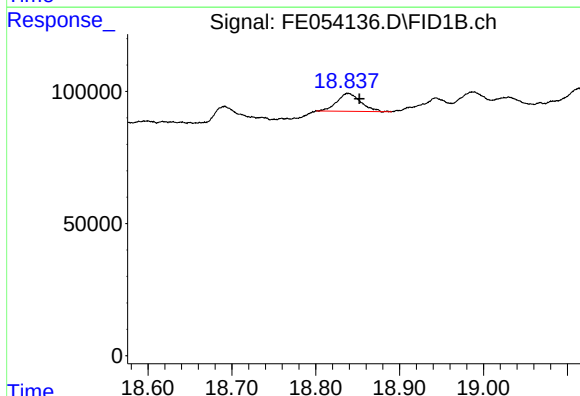
R.T.: 17.118 min
Delta R.T.: -0.010 min
Response: 37207
Conc: 0.31 ug/ml

Instrument :
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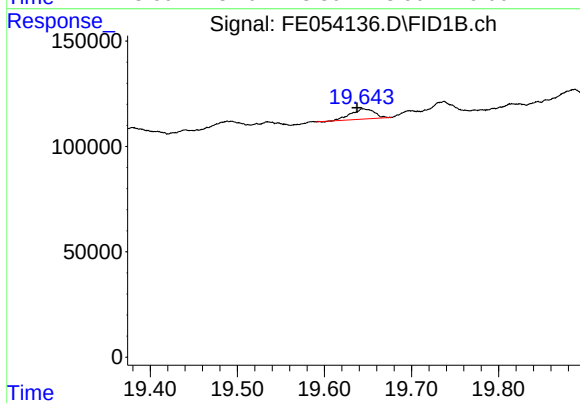
#17 n-Tricontane (C30)

R.T.: 18.007 min
Delta R.T.: -0.011 min
Response: 194915
Conc: 1.56 ug/ml



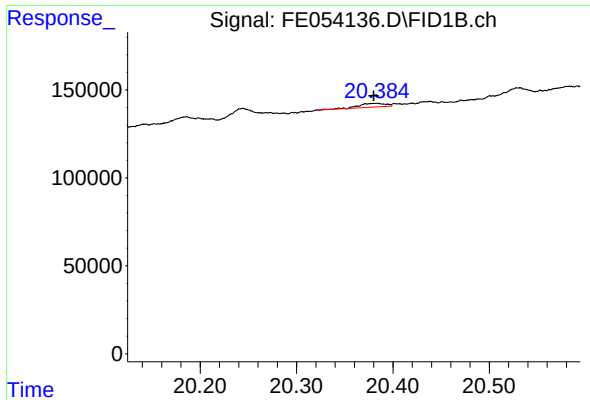
#18 n-Dotriacontane (C32)

R.T.: 18.839 min
Delta R.T.: -0.013 min
Response: 133295
Conc: 1.07 ug/ml



#19 n-Tetratriacontane (C34)

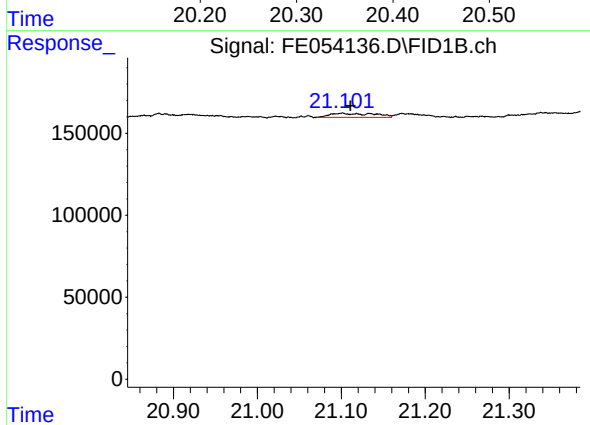
R.T.: 19.646 min
Delta R.T.: 0.008 min
Response: 90056
Conc: 0.76 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.382 min
Delta R.T.: 0.002 min
Response: 39726
Conc: 0.34 ug/ml

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#21 n-Octatriacontane (C38)

R.T.: 21.101 min
Delta R.T.: -0.010 min
Response: 91968
Conc: 0.85 ug/ml