

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110325AL\
 Data File : FE056642.D
 Signal(s) : FID1B.ch
 Acq On : 03 Nov 2025 18:28
 Operator : YP\AJ
 Sample : Q3516-01D
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HD-01-103125

Integration File: autoint1.e
 Quant Time: Nov 04 00:42:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:50:27 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)	11.970	6046746	28.944 ug/ml
Spiked Amount 50.000		Recovery =	57.89%
12) S 1-chlorooctadecane (S...	13.409	4951086	30.730 ug/ml
Spiked Amount 50.000		Recovery =	61.46%
Target Compounds			
6) T n-Tetradecane (C14)	8.584	188175	1.078 ug/ml
7) T n-Hexadecane (C16)	10.197	277296	1.516 ug/ml
8) T n-Octadecane (C18)	11.645	198219	1.047 ug/ml
10) T n-Eicosane (C20)	12.957	286800	1.539 ug/ml
11) T n-Heneicosane (C21)	13.573	96358	0.524 ug/ml
13) T n-Docosane (C22)	14.162	155757	0.832 ug/ml
14) T n-Tetracosane (C24)	15.266	666559	3.403 ug/ml
15) T n-Hexacosane (C26)	16.293	77804	0.400 ug/ml
16) T n-Octacosane (C28)	17.283	104386	0.539 ug/ml
17) T n-Tricontane (C30)	18.138	542473	2.706 ug/ml
18) T n-Dotriacontane (C32)	18.971	359483	1.828 ug/ml
19) T n-Tetratriacontane (C34)	19.757	56598	0.328 ug/ml
20) T n-Hexatriacontane (C36)	20.504	138050	0.954 ug/ml
21) T n-Octatriacontane (C38)	21.259	247964	1.970 ug/ml

(f)=RT Delta > 1/2 Window

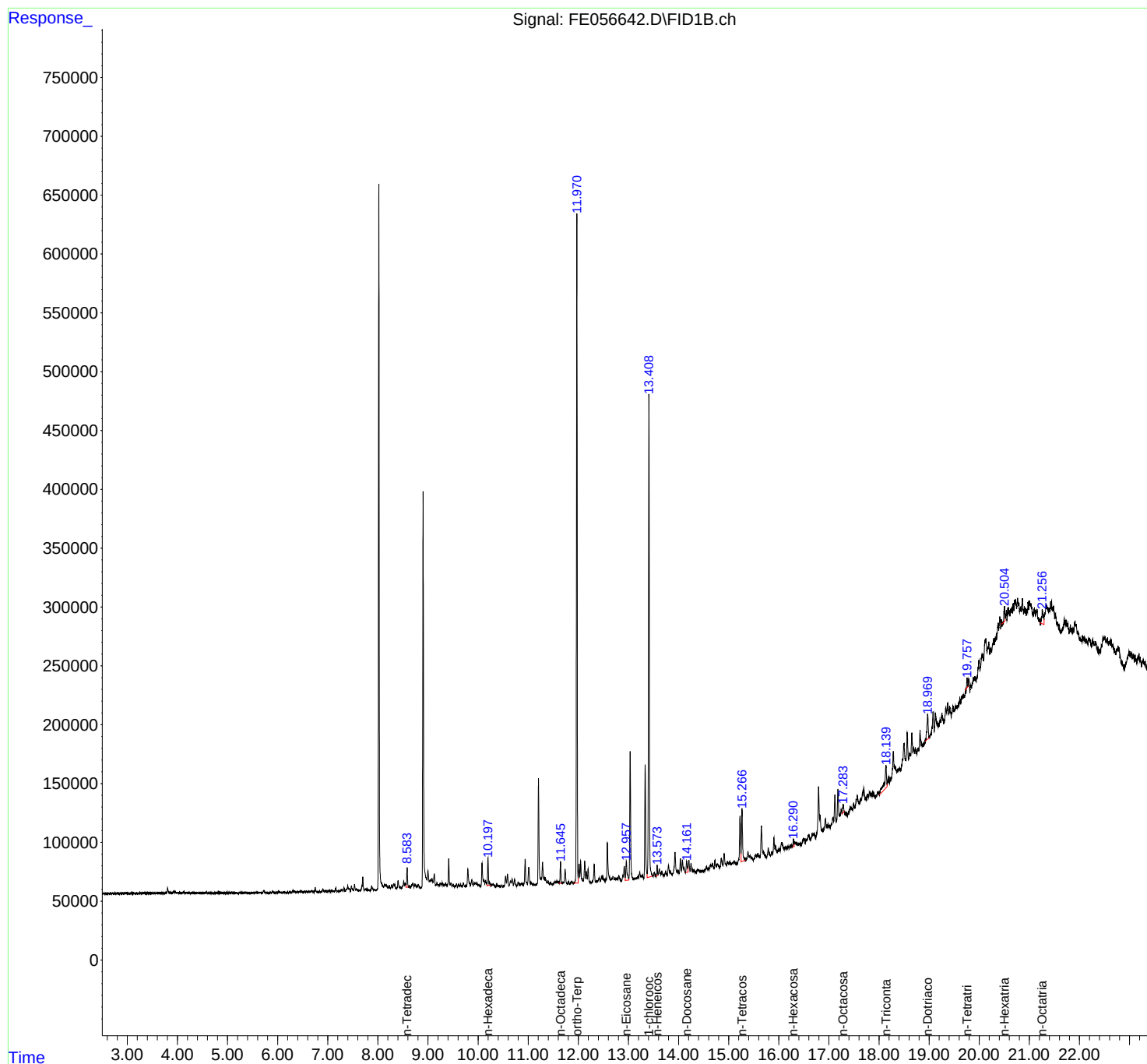
(m)=manual int.

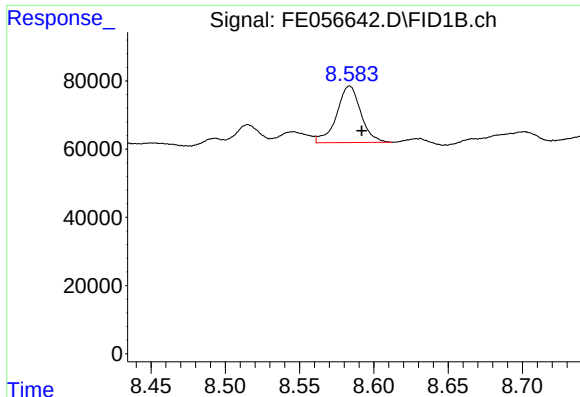
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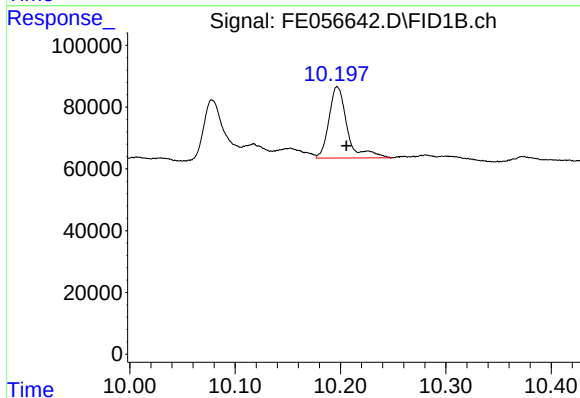




#6 n-Tetradecane (C14)

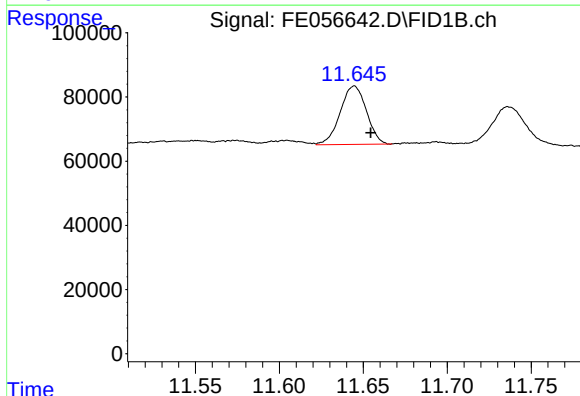
R.T.: 8.584 min
Delta R.T.: -0.008 min
Response: 188175
Conc: 1.08 ug/ml

Instrument :
FID_E
ClientSampleId :
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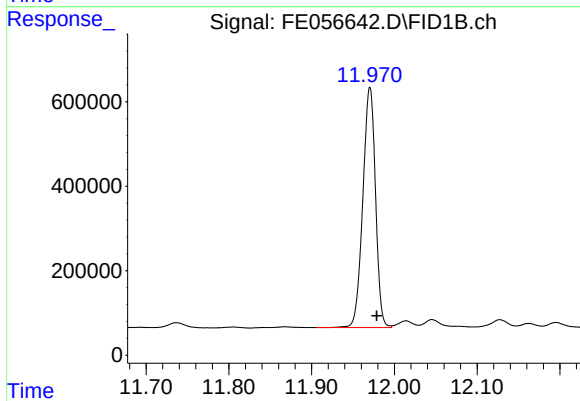
#7 n-Hexadecane (C16)

R.T.: 10.197 min
Delta R.T.: -0.008 min
Response: 277296
Conc: 1.52 ug/ml



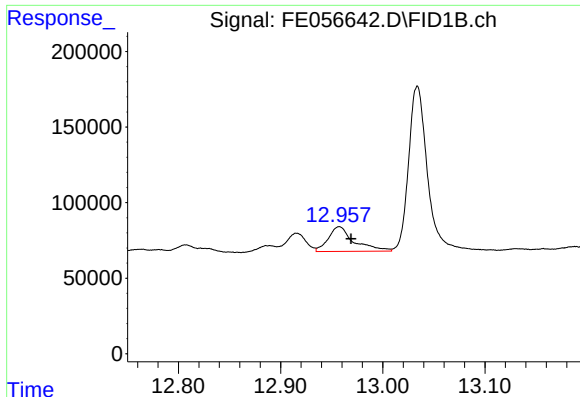
#8 n-Octadecane (C18)

R.T.: 11.645 min
Delta R.T.: -0.010 min
Response: 198219
Conc: 1.05 ug/ml



#9 ortho-Terphenyl (SURR)

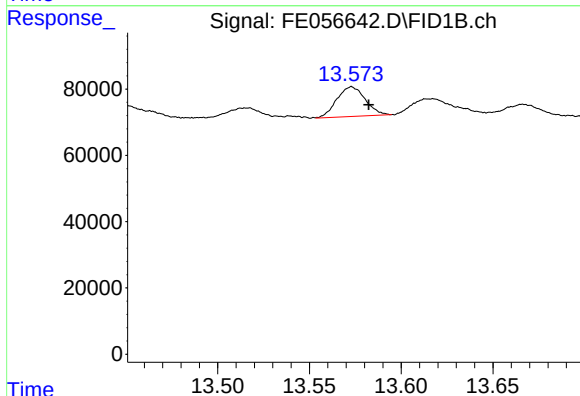
R.T.: 11.970 min
Delta R.T.: -0.008 min
Response: 6046746
Conc: 28.94 ug/ml



#10 n-Eicosane (C20)

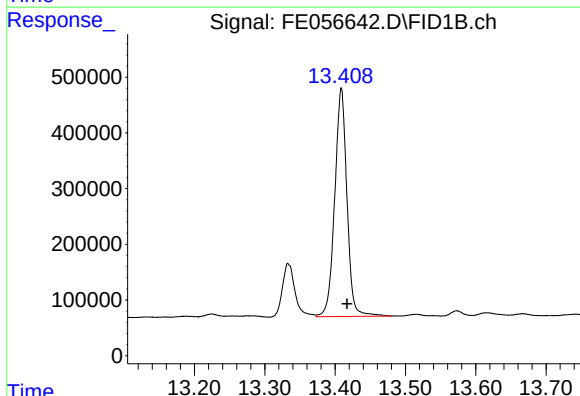
R.T.: 12.957 min
Delta R.T.: -0.012 min
Response: 286800
Conc: 1.54 ug/ml

Instrument :
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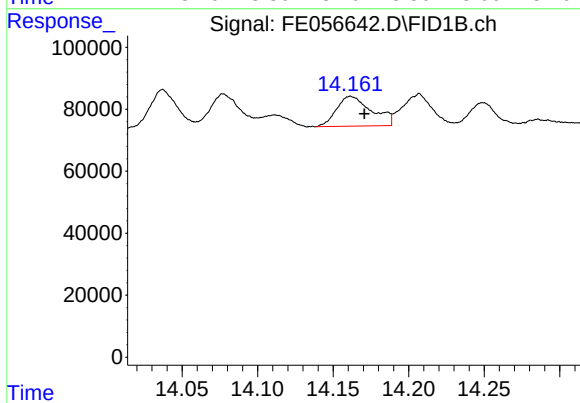
#11 n-Heneicosane (C21)

R.T.: 13.573 min
Delta R.T.: -0.009 min
Response: 96358
Conc: 0.52 ug/ml



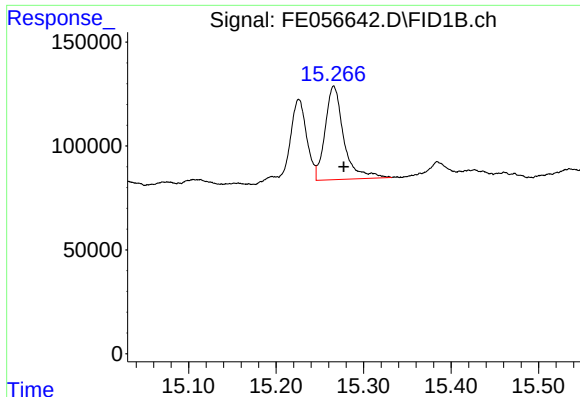
#12 1-chlorooctadecane (SURR)

R.T.: 13.409 min
Delta R.T.: -0.008 min
Response: 4951086
Conc: 30.73 ug/ml



#13 n-Docosane (C22)

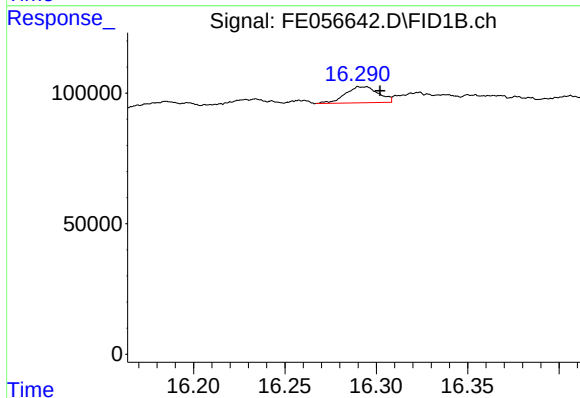
R.T.: 14.162 min
Delta R.T.: -0.009 min
Response: 155757
Conc: 0.83 ug/ml



#14 n-Tetracosane (C24)

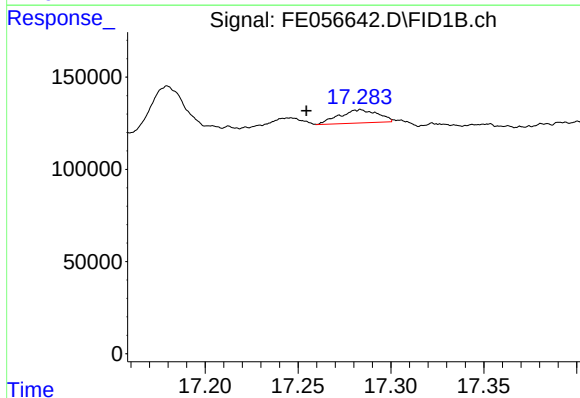
R.T.: 15.266 min
Delta R.T.: -0.011 min
Response: 666559
Conc: 3.40 ug/ml

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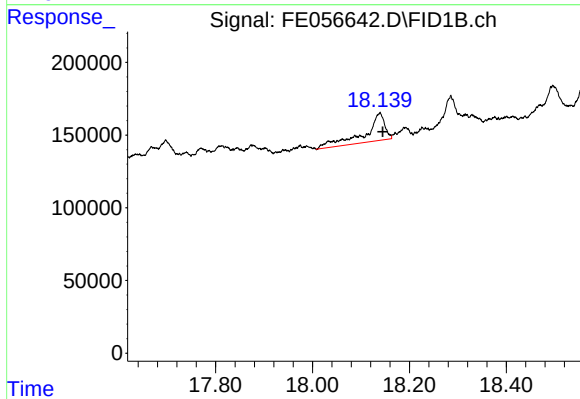
#15 n-Hexacosane (C26)

R.T.: 16.293 min
Delta R.T.: -0.009 min
Response: 77804
Conc: 0.40 ug/ml



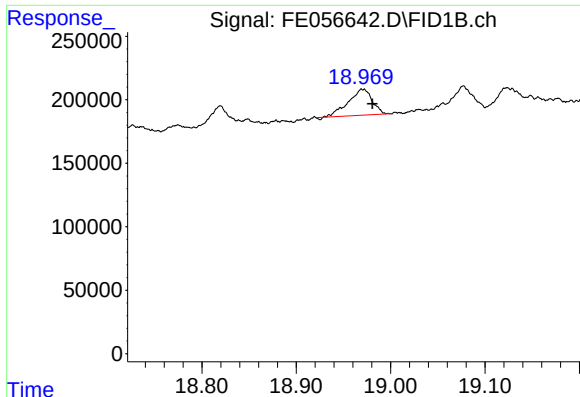
#16 n-Octacosane (C28)

R.T.: 17.283 min
Delta R.T.: 0.029 min
Response: 104386
Conc: 0.54 ug/ml



#17 n-Tricontane (C30)

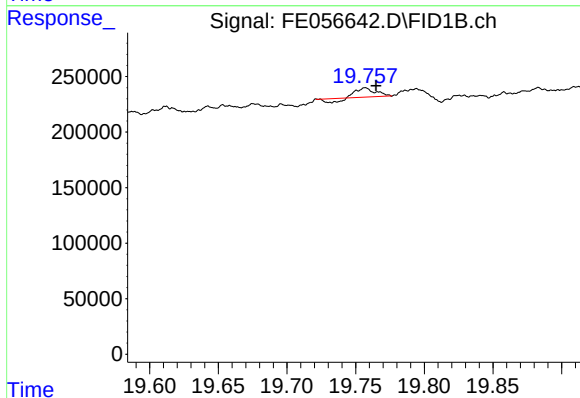
R.T.: 18.138 min
Delta R.T.: -0.007 min
Response: 542473
Conc: 2.71 ug/ml



#18 n-Dotriacontane (C32)

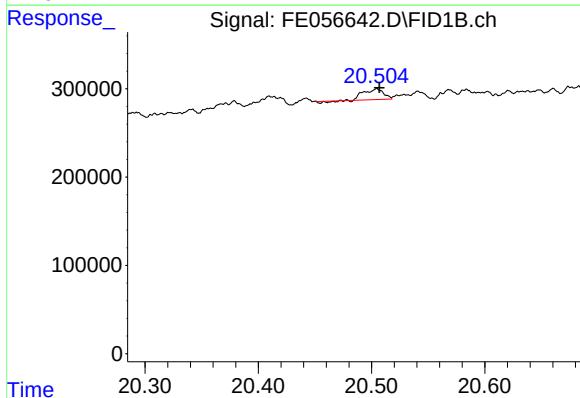
R.T.: 18.971 min
Delta R.T.: -0.010 min
Response: 359483
Conc: 1.83 ug/ml

Instrument :
FID_E
ClientSampleId :
HD-01-103125



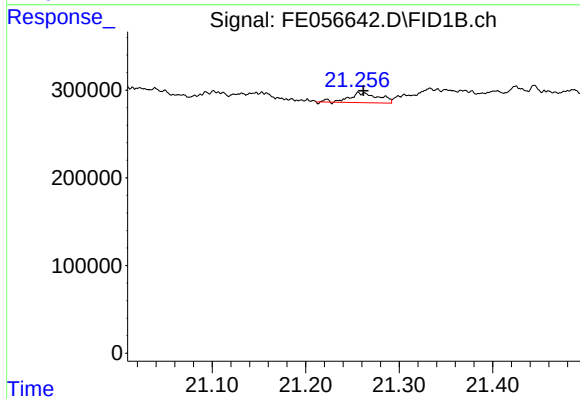
#19 n-Tetratriacontane (C34)

R.T.: 19.757 min
Delta R.T.: -0.008 min
Response: 56598
Conc: 0.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.504 min
Delta R.T.: -0.003 min
Response: 138050
Conc: 0.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.259 min
Delta R.T.: -0.003 min
Response: 247964
Conc: 1.97 ug/ml