

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091125AL\
 Data File : FE055776.D
 Signal(s) : FID1B.ch
 Acq On : 11 Sep 2025 18:42
 Operator : YP\AJ
 Sample : Q3074-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MOO-25-0141

Integration File: autoint1.e
 Quant Time: Sep 12 01:21:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 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)	12.084	12990970	79.076 ug/ml
Spiked Amount 50.000		Recovery =	158.15%
12) S 1-chlorooctadecane (S...	13.524	6373427	50.969 ug/ml
Spiked Amount 50.000		Recovery =	101.94%
Target Compounds			
7) T n-Hexadecane (C16)	10.299	430832	3.111 ug/ml
8) T n-Octadecane (C18)	11.758	1755468	12.035 ug/ml
10) T n-Eicosane (C20)	13.072	1776415	12.341 ug/ml
11) T n-Heneicosane (C21)	13.686	698476	4.890 ug/ml
13) T n-Docosane (C22)	14.276	823178	5.751 ug/ml
14) T n-Tetracosane (C24)	15.346	1995621	13.792 ug/ml
15) T n-Hexacosane (C26)	16.448	1681698	11.771 ug/ml
16) T n-Octacosane (C28)	17.330	1171961	8.239 ug/ml
17) T n-Tricontane (C30)	18.287	1953099	13.213 ug/ml
18) T n-Dotriacontane (C32)	19.072	12374	0.084 ug/ml
19) T n-Tetratriacontane (C34)	19.852	528463	3.740 ug/ml
22) T n-Tetracontane (C40)	22.324	101642	0.793 ug/ml

(f)=RT Delta > 1/2 Window

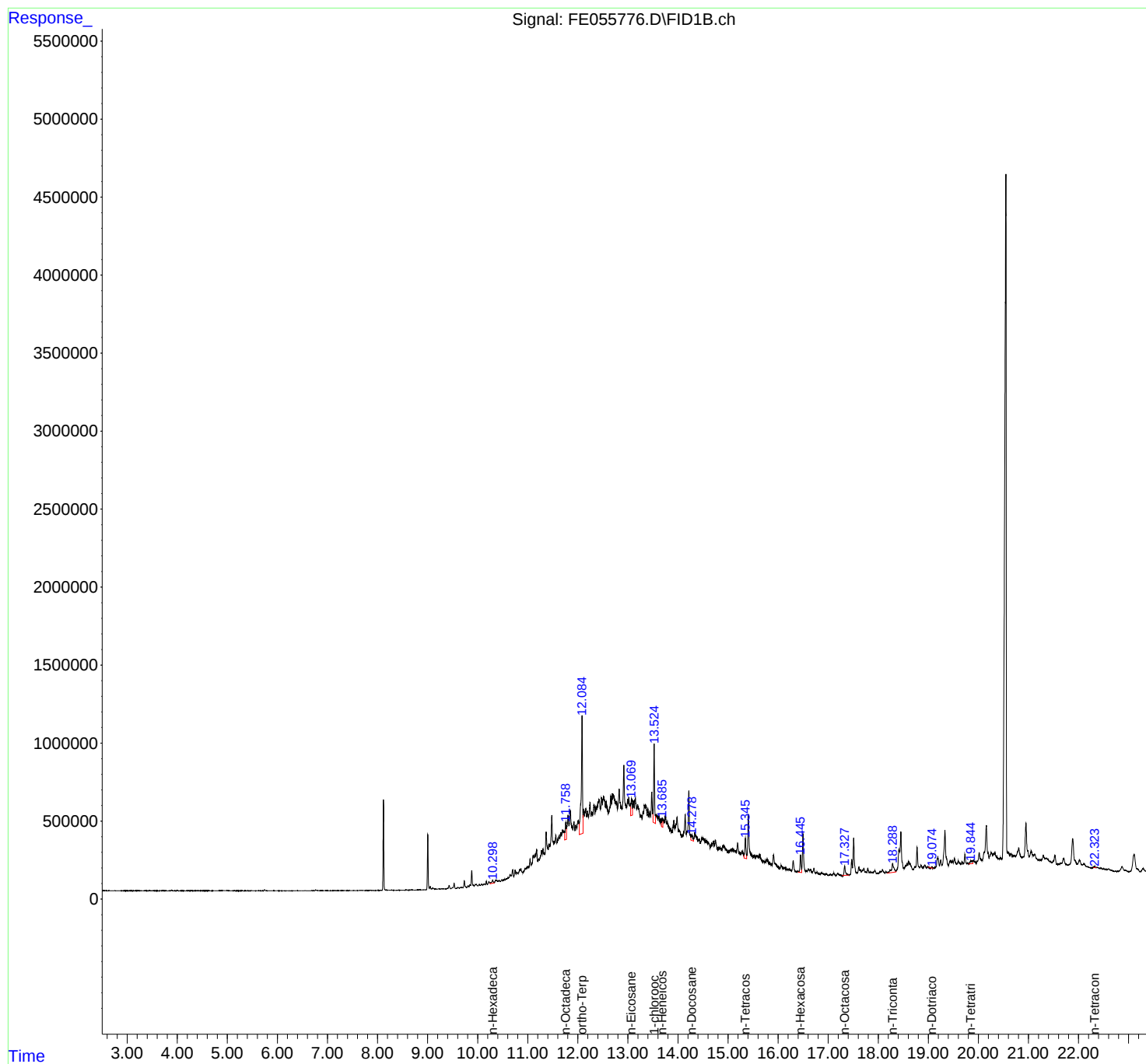
(m)=manual int.

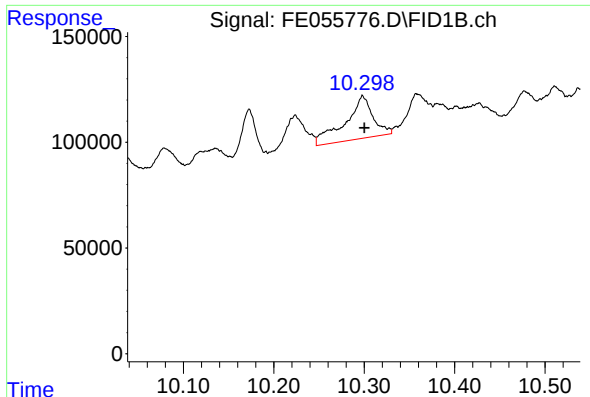
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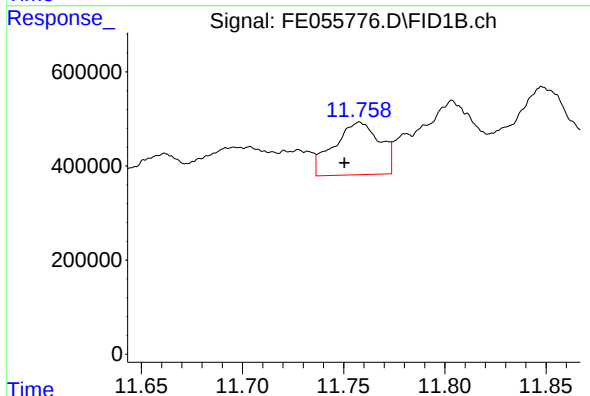




#7 n-Hexadecane (C16)

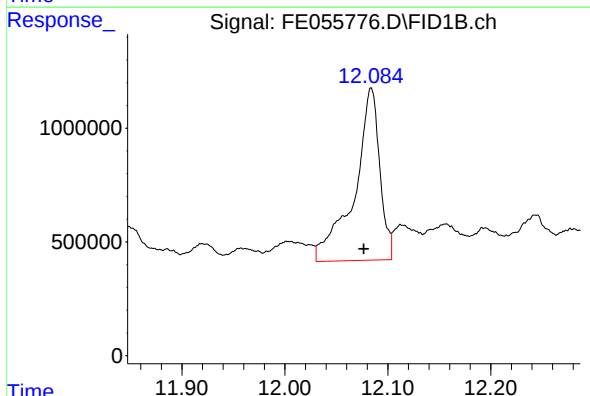
R.T.: 10.299 min
Delta R.T.: -0.002 min
Response: 430832
Conc: 3.11 ug/ml

Instrument :
FID_E
ClientSampleId :
MOO-25-0141



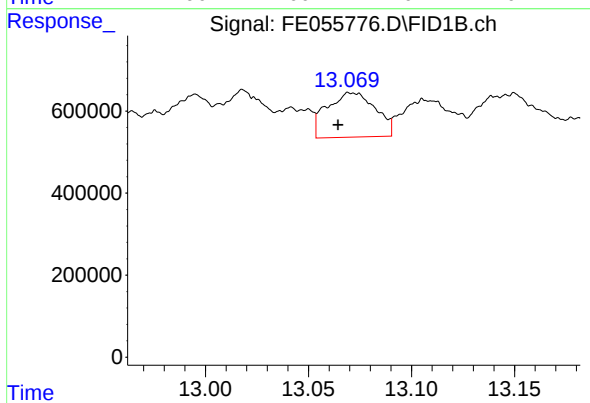
#8 n-Octadecane (C18)

R.T.: 11.758 min
Delta R.T.: 0.007 min
Response: 1755468
Conc: 12.04 ug/ml



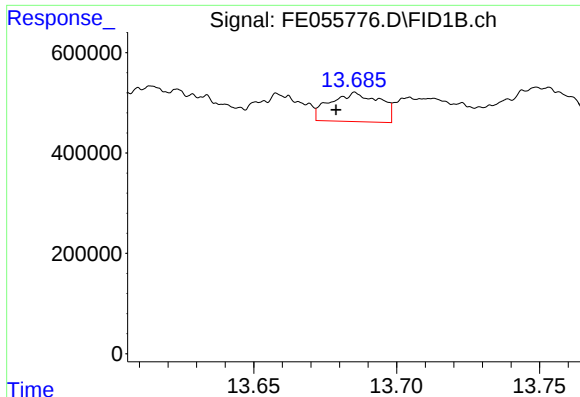
#9 ortho-Terphenyl (SURR)

R.T.: 12.084 min
Delta R.T.: 0.007 min
Response: 12990970
Conc: 79.08 ug/ml



#10 n-Eicosane (C20)

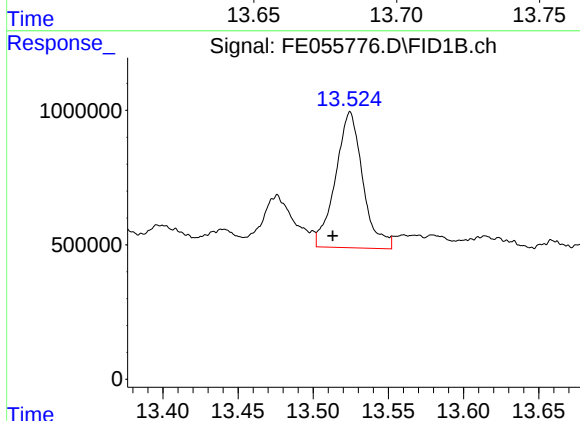
R.T.: 13.072 min
Delta R.T.: 0.007 min
Response: 1776415
Conc: 12.34 ug/ml



#11 n-Heneicosane (C21)

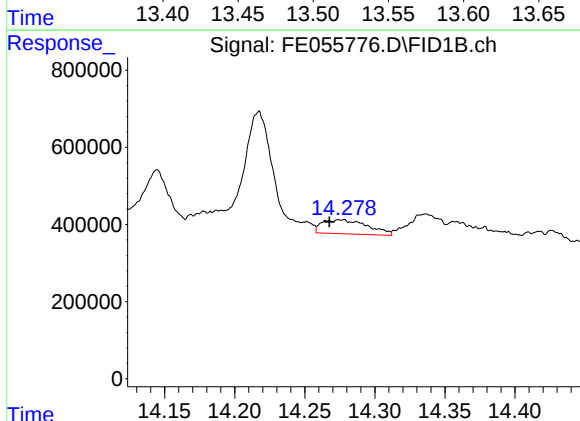
R.T.: 13.686 min
Delta R.T.: 0.007 min
Response: 698476
Conc: 4.89 ug/ml

Instrument :
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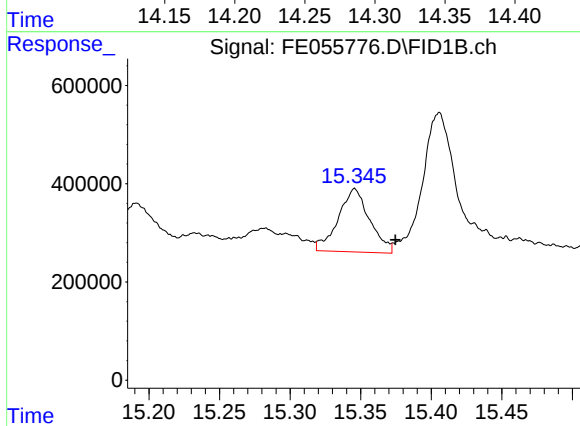
#12 1-chlorooctadecane (SURR)

R.T.: 13.524 min
Delta R.T.: 0.012 min
Response: 6373427
Conc: 50.97 ug/ml



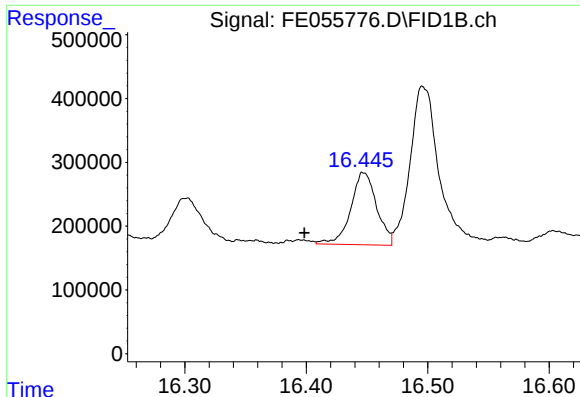
#13 n-Docosane (C22)

R.T.: 14.276 min
Delta R.T.: 0.008 min
Response: 823178
Conc: 5.75 ug/ml



#14 n-Tetracosane (C24)

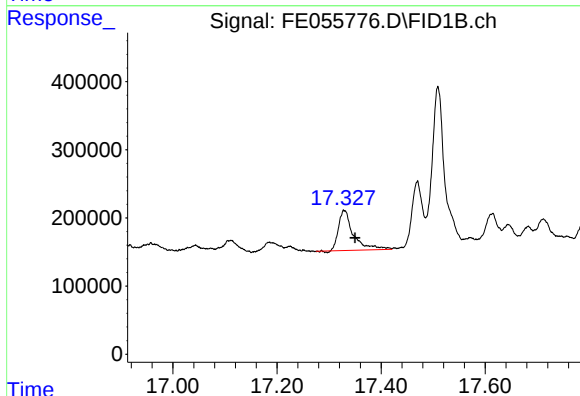
R.T.: 15.346 min
Delta R.T.: -0.029 min
Response: 1995621
Conc: 13.79 ug/ml



#15 n-Hexacosane (C26)

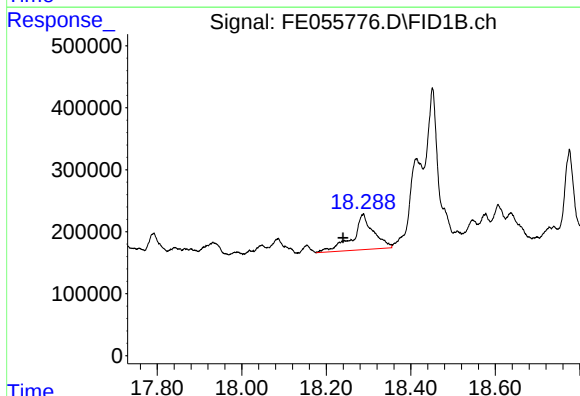
R.T.: 16.448 min
Delta R.T.: 0.049 min
Response: 1681698
Conc: 11.77 ug/ml

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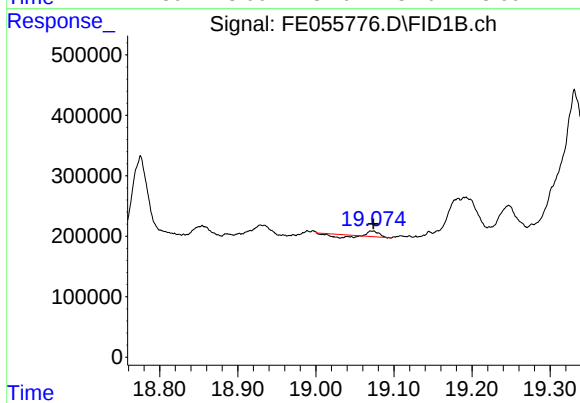
#16 n-Octacosane (C28)

R.T.: 17.330 min
Delta R.T.: -0.021 min
Response: 1171961
Conc: 8.24 ug/ml



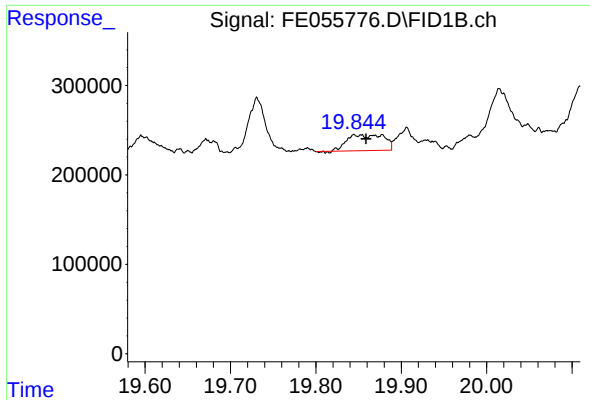
#17 n-Tricontane (C30)

R.T.: 18.287 min
Delta R.T.: 0.047 min
Response: 1953099
Conc: 13.21 ug/ml



#18 n-Dotriacontane (C32)

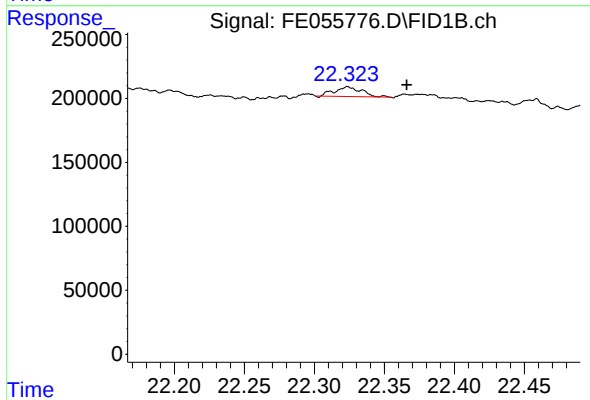
R.T.: 19.072 min
Delta R.T.: -0.001 min
Response: 12374
Conc: 0.08 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.852 min
Delta R.T.: -0.007 min
Response: 528463
Conc: 3.74 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 22.324 min
Delta R.T.: -0.042 min
Response: 101642
Conc: 0.79 ug/ml