

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070925AL\
 Data File : FE054761.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jul 2025 16:53
 Operator : YP\AJ
 Sample : Q2523-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PAD-070825-2

Integration File: autoint1.e
 Quant Time: Jul 10 05:12:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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	6460774	39.785 ug/ml
Spiked Amount 50.000		Recovery =	79.57%
12) S 1-chlorooctadecane (S...	13.522	4529998	35.869 ug/ml
Spiked Amount 50.000		Recovery =	71.74%
Target Compounds			
6) T n-Tetradecane (C14)	8.681	46647	0.336 ug/ml
7) T n-Hexadecane (C16)	10.309	127884	0.897 ug/ml
8) T n-Octadecane (C18)	11.755	341115	2.328 ug/ml
10) T n-Eicosane (C20)	13.073	317304	2.207 ug/ml
11) T n-Heneicosane (C21)	13.682	273861	1.917 ug/ml
13) T n-Docosane (C22)	14.265	273001	1.912 ug/ml
14) T n-Tetracosane (C24)	15.383	141554	0.974 ug/ml
15) T n-Hexacosane (C26)	16.401	47081	0.325 ug/ml
16) T n-Octacosane (C28)	17.351	52651	0.361 ug/ml
17) T n-Tricontane (C30)	18.240	69649	0.442 ug/ml
18) T n-Dotriacontane (C32)	19.073	107062	0.662 ug/ml
19) T n-Tetratriacontane (C34)	19.859	65061	0.427 ug/ml
20) T n-Hexatriacontane (C36)	20.602	35136	0.261 ug/ml
21) T n-Octatriacontane (C38)	21.381	177166	1.511 ug/ml

(f)=RT Delta > 1/2 Window

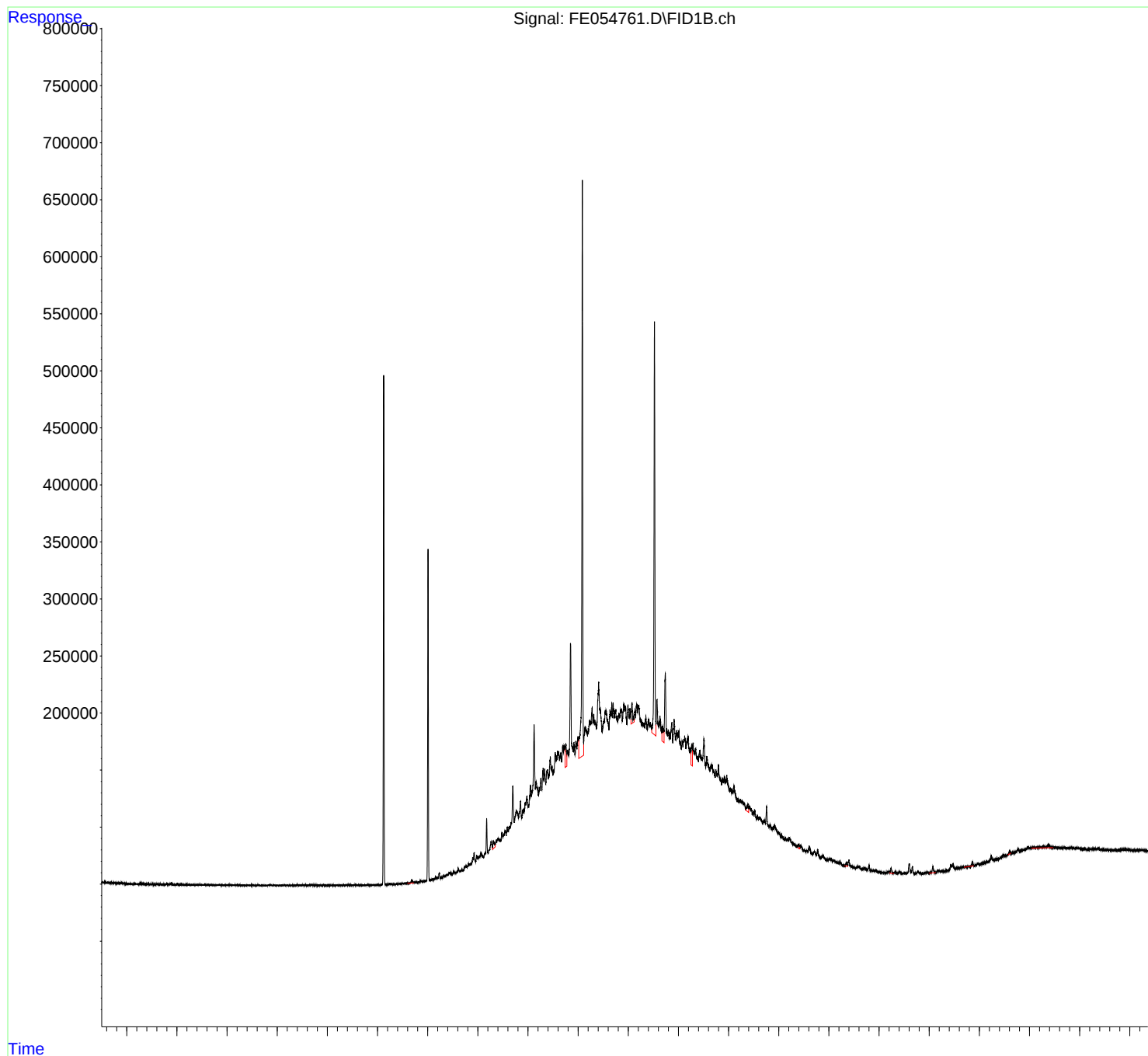
(m)=manual int.

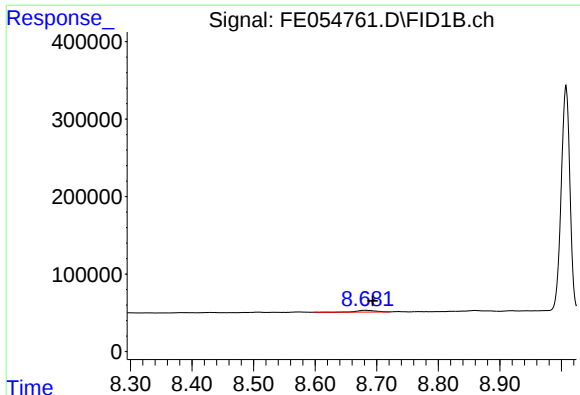
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070925AL\
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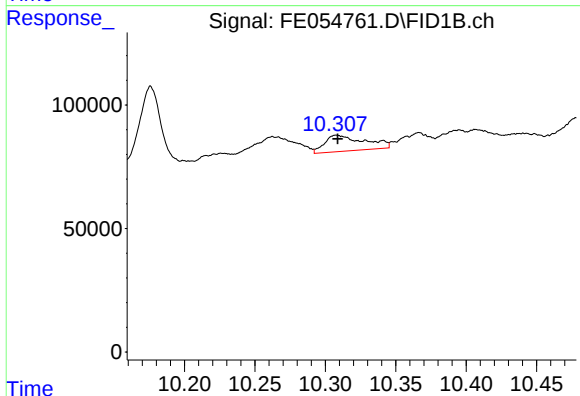




#6 n-Tetradecane (C14)

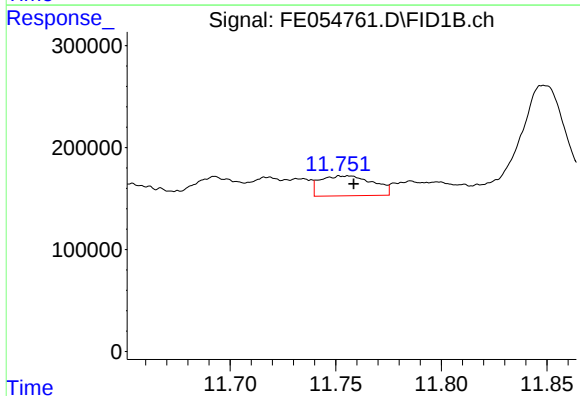
R.T.: 8.681 min
Delta R.T.: -0.013 min
Response: 46647
Conc: 0.34 ug/ml

Instrument :
FID_E
ClientSampleId :
PAD-070825-2



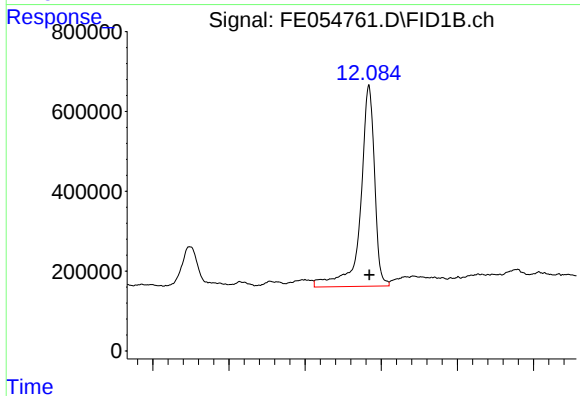
#7 n-Hexadecane (C16)

R.T.: 10.309 min
Delta R.T.: 0.000 min
Response: 127884
Conc: 0.90 ug/ml



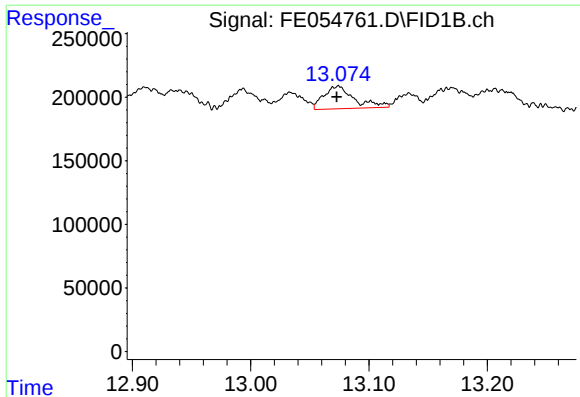
#8 n-Octadecane (C18)

R.T.: 11.755 min
Delta R.T.: -0.004 min
Response: 341115
Conc: 2.33 ug/ml



#9 ortho-Terphenyl (SURR)

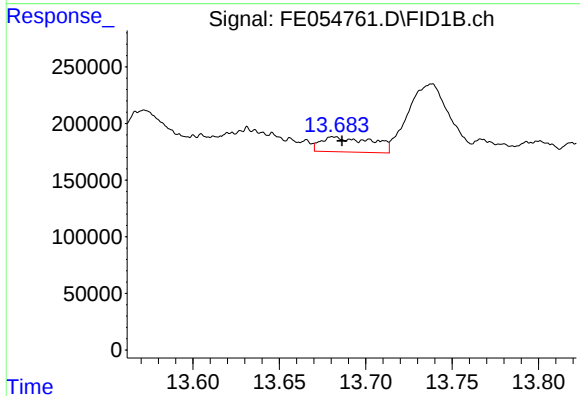
R.T.: 12.084 min
Delta R.T.: 0.000 min
Response: 6460774
Conc: 39.78 ug/ml



#10 n-Eicosane (C20)

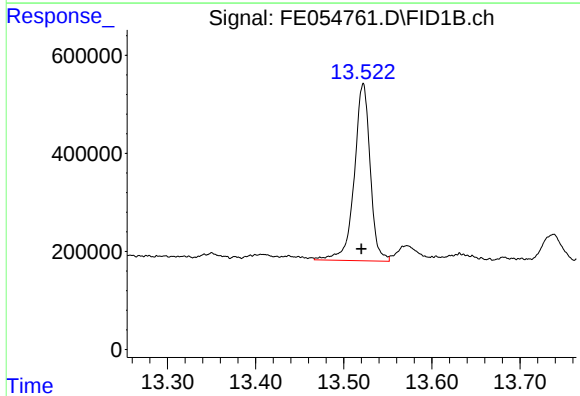
R.T.: 13.073 min
Delta R.T.: 0.000 min
Response: 317304
Conc: 2.21 ug/ml

Instrument :
FID_E
ClientSampleId :
PAD-070825-2



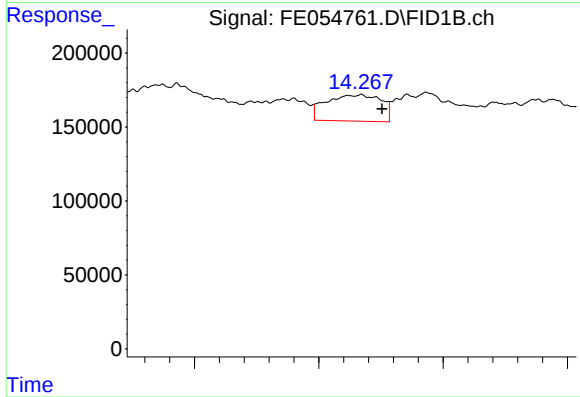
#11 n-Heneicosane (C21)

R.T.: 13.682 min
Delta R.T.: -0.005 min
Response: 273861
Conc: 1.92 ug/ml



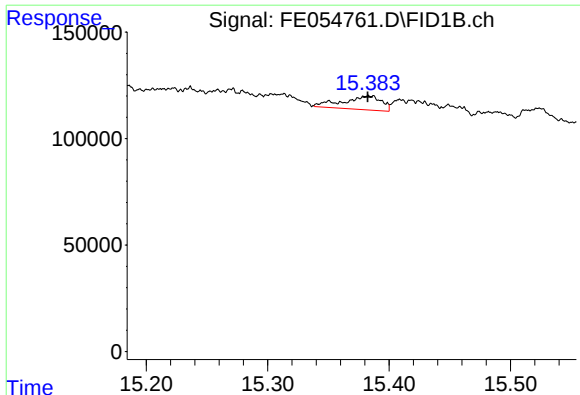
#12 1-chlorooctadecane (SURR)

R.T.: 13.522 min
Delta R.T.: 0.002 min
Response: 4529998
Conc: 35.87 ug/ml



#13 n-Docosane (C22)

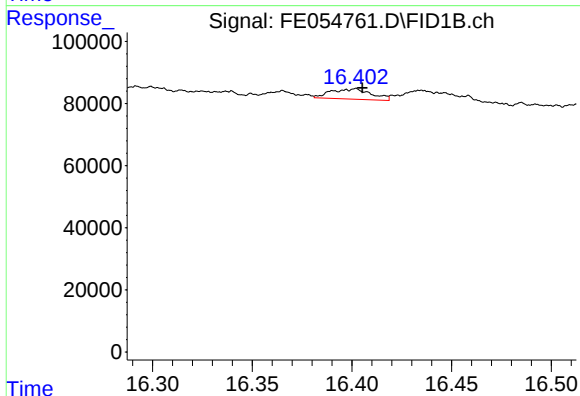
R.T.: 14.265 min
Delta R.T.: -0.010 min
Response: 273001
Conc: 1.91 ug/ml



#14 n-Tetracosane (C24)

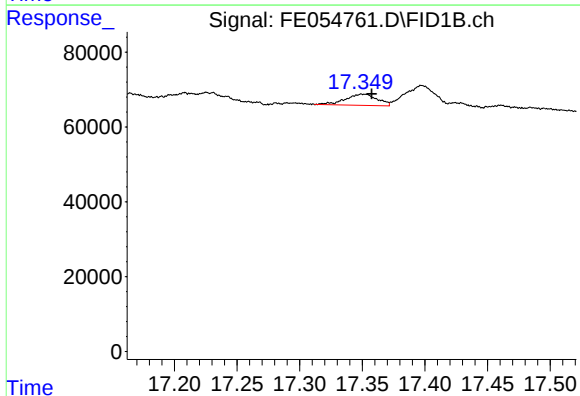
R.T.: 15.383 min
Delta R.T.: 0.001 min
Response: 141554
Conc: 0.97 ug/ml

Instrument :
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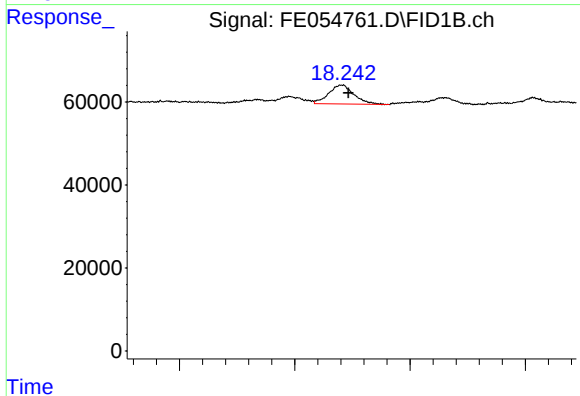
#15 n-Hexacosane (C26)

R.T.: 16.401 min
Delta R.T.: -0.005 min
Response: 47081
Conc: 0.33 ug/ml



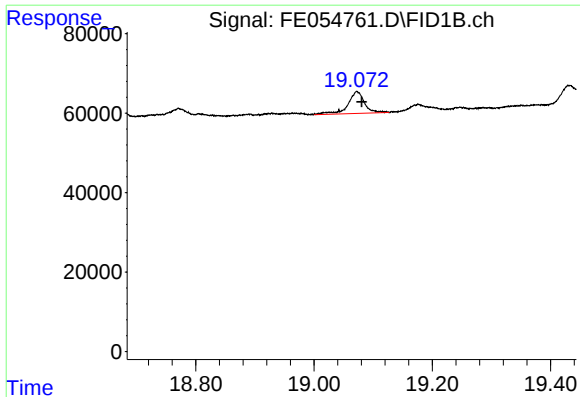
#16 n-Octacosane (C28)

R.T.: 17.351 min
Delta R.T.: -0.007 min
Response: 52651
Conc: 0.36 ug/ml



#17 n-Tricontane (C30)

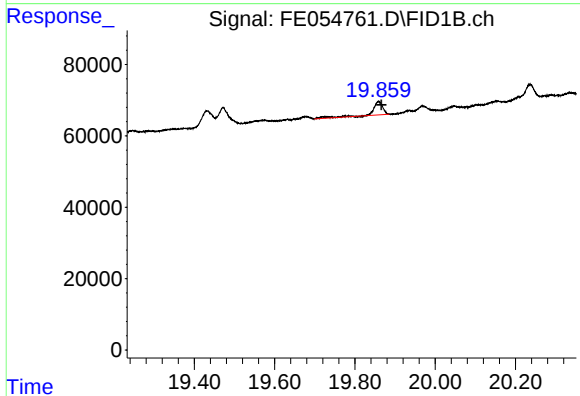
R.T.: 18.240 min
Delta R.T.: -0.006 min
Response: 69649
Conc: 0.44 ug/ml



#18 n-Dotriacontane (C32)

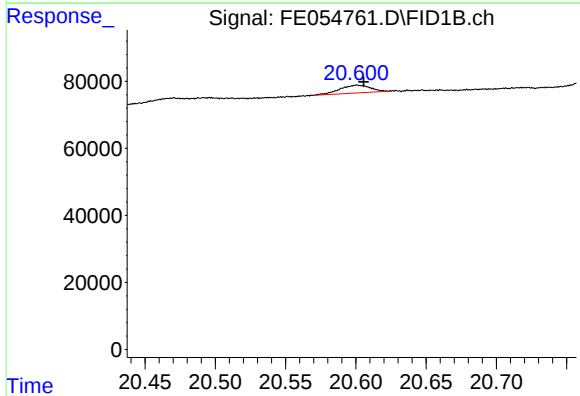
R.T.: 19.073 min
Delta R.T.: -0.008 min
Response: 107062
Conc: 0.66 ug/ml

Instrument :
FID_E
ClientSampleId :
PAD-070825-2



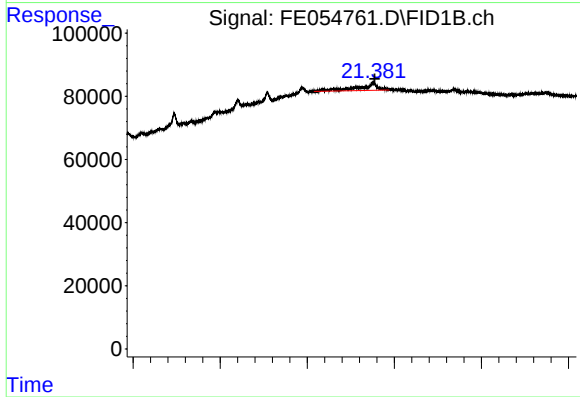
#19 n-Tetratriacontane (C34)

R.T.: 19.859 min
Delta R.T.: -0.007 min
Response: 65061
Conc: 0.43 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.602 min
Delta R.T.: -0.004 min
Response: 35136
Conc: 0.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.381 min
Delta R.T.: -0.007 min
Response: 177166
Conc: 1.51 ug/ml