

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE063025AL\
 Data File : FE054639.D
 Signal(s) : FID1B.ch
 Acq On : 30 Jun 2025 21:00
 Operator : YP\AJ
 Sample : Q2442-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 500-3B

Integration File: autoint1.e
 Quant Time: Jul 01 06:10:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 27 15:19:13 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)	12.077	6739174	41.499 ug/ml
Spiked Amount 50.000		Recovery =	83.00%
12) S 1-chlorooctadecane (S...	13.513	4802839	38.029 ug/ml
Spiked Amount 50.000		Recovery =	76.06%
Target Compounds			
6) T n-Tetradecane (C14)	8.678	48956	0.353 ug/ml
7) T n-Hexadecane (C16)	10.311	54281	0.381 ug/ml
8) T n-Octadecane (C18)	11.694	179531	1.225 ug/ml
10) T n-Eicosane (C20)	13.058	108611	0.755 ug/ml
11) T n-Heneicosane (C21)	13.651	91317	0.639 ug/ml
13) T n-Docosane (C22)	14.282	128225	0.898 ug/ml
15) T n-Hexacosane (C26)	16.393	24339	0.168 ug/ml
16) T n-Octacosane (C28)	17.342	113623	0.780 ug/ml
17) T n-Tricontane (C30)	18.231	403334	2.559 ug/ml
18) T n-Dotriacontane (C32)	19.065	1047034	6.472 ug/ml
19) T n-Tetratriacontane (C34)	19.849	781712	5.130 ug/ml
20) T n-Hexatriacontane (C36)	20.590	516636	3.842 ug/ml
21) T n-Octatriacontane (C38)	21.364	669156	5.705 ug/ml
22) T n-Tetracontane (C40)	22.310	340448	3.141 ug/ml

(f)=RT Delta > 1/2 Window

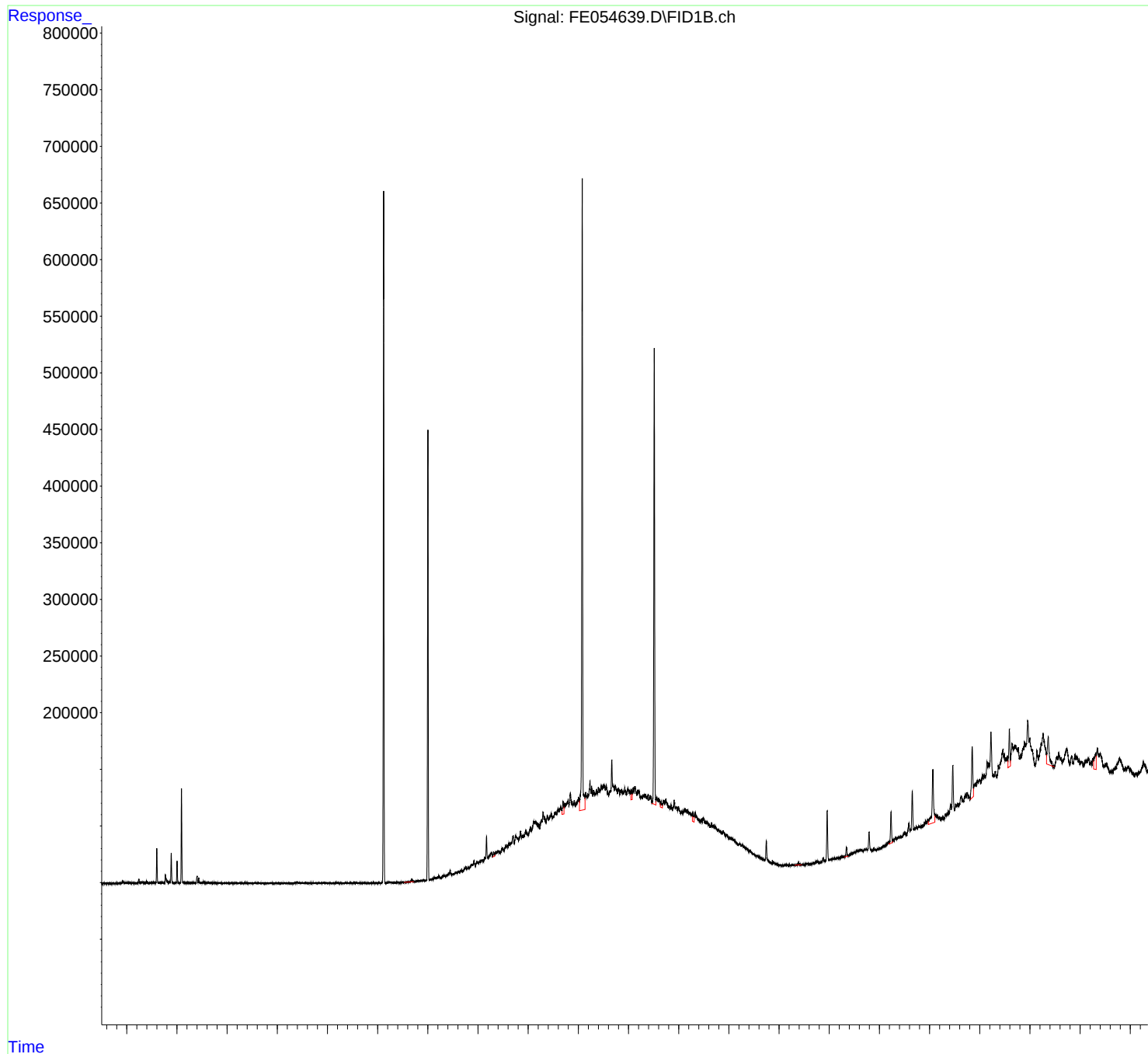
(m)=manual int.

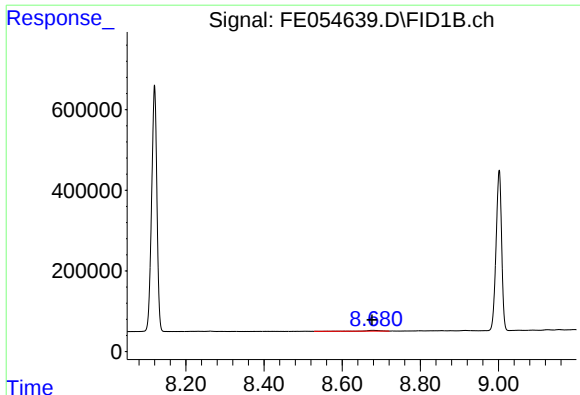
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE063025AL\
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

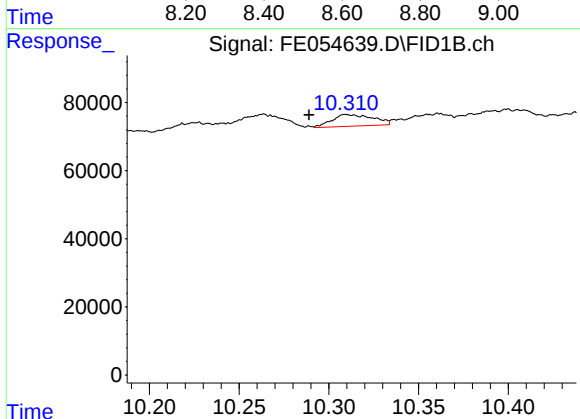




#6 n-Tetradecane (C14)

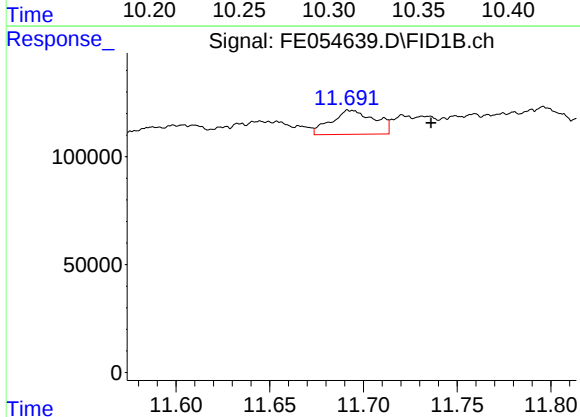
R.T.: 8.678 min
Delta R.T.: 0.002 min
Response: 48956
Conc: 0.35 ug/ml

Instrument :
FID_E
ClientSampleId :
500-3B



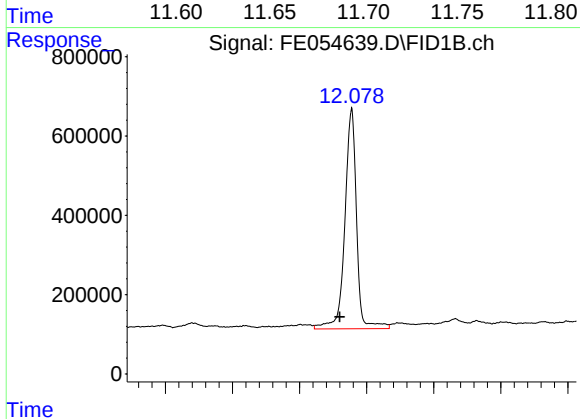
#7 n-Hexadecane (C16)

R.T.: 10.311 min
Delta R.T.: 0.022 min
Response: 54281
Conc: 0.38 ug/ml



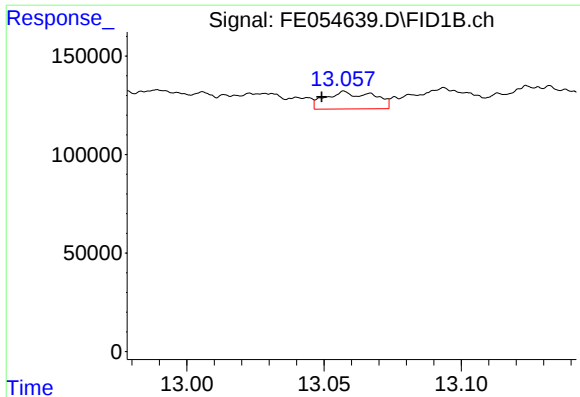
#8 n-Octadecane (C18)

R.T.: 11.694 min
Delta R.T.: -0.042 min
Response: 179531
Conc: 1.23 ug/ml



#9 ortho-Terphenyl (SURR)

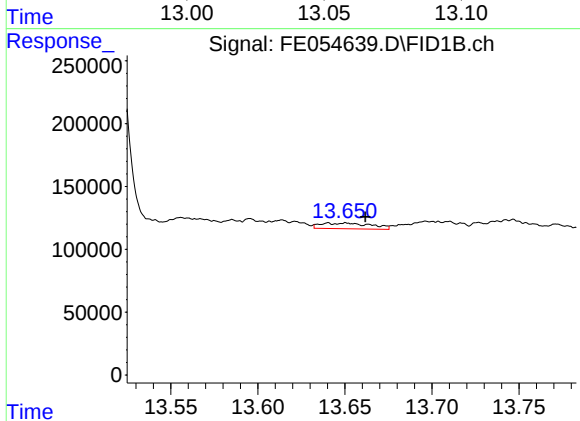
R.T.: 12.077 min
Delta R.T.: 0.018 min
Response: 6739174
Conc: 41.50 ug/ml



#10 n-Eicosane (C20)

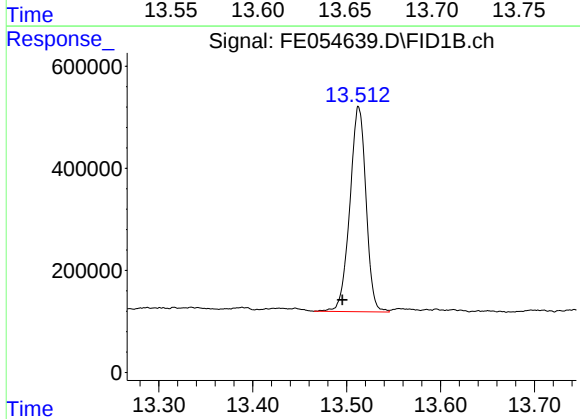
R.T.: 13.058 min
Delta R.T.: 0.009 min
Response: 108611
Conc: 0.76 ug/ml

Instrument :
FID_E
ClientSampleId :
500-3B



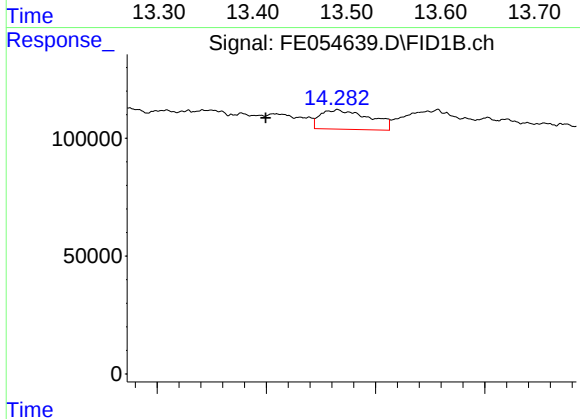
#11 n-Heneicosane (C21)

R.T.: 13.651 min
Delta R.T.: -0.011 min
Response: 91317
Conc: 0.64 ug/ml



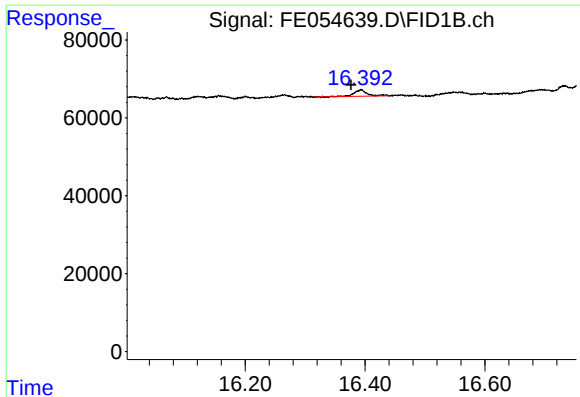
#12 1-chlorooctadecane (SURR)

R.T.: 13.513 min
Delta R.T.: 0.017 min
Response: 4802839
Conc: 38.03 ug/ml



#13 n-Docosane (C22)

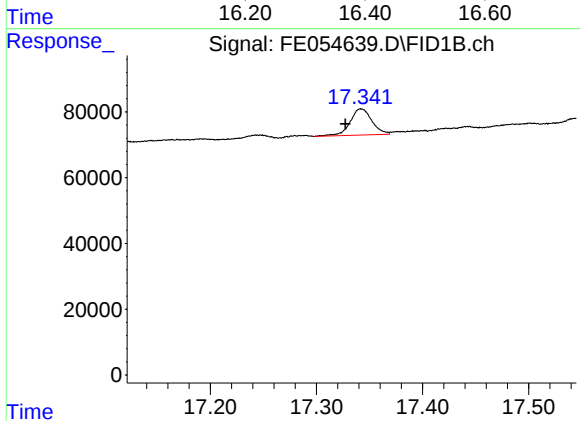
R.T.: 14.282 min
Delta R.T.: 0.033 min
Response: 128225
Conc: 0.90 ug/ml



#15 n-Hexacosane (C26)

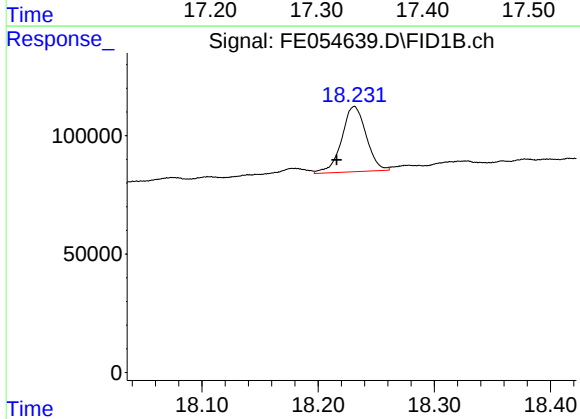
R.T.: 16.393 min
Delta R.T.: 0.017 min
Response: 24339
Conc: 0.17 ug/ml

Instrument :
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500-3B



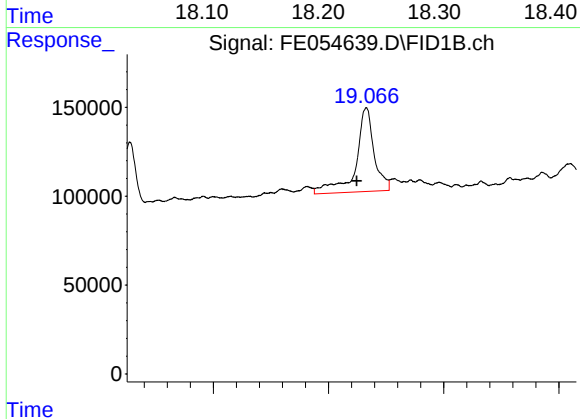
#16 n-Octacosane (C28)

R.T.: 17.342 min
Delta R.T.: 0.015 min
Response: 113623
Conc: 0.78 ug/ml



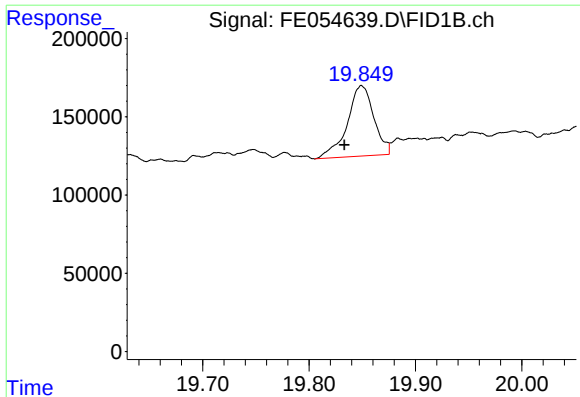
#17 n-Tricontane (C30)

R.T.: 18.231 min
Delta R.T.: 0.015 min
Response: 403334
Conc: 2.56 ug/ml



#18 n-Dotriacontane (C32)

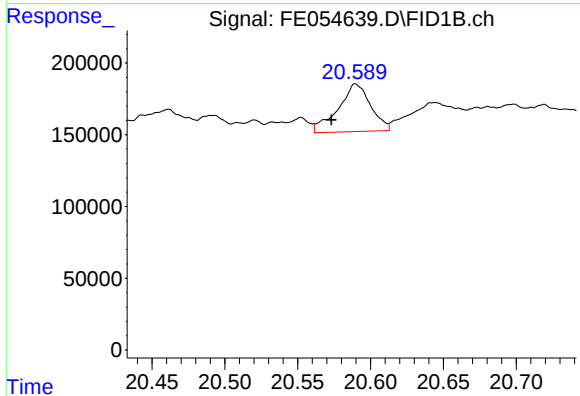
R.T.: 19.065 min
Delta R.T.: 0.016 min
Response: 1047034
Conc: 6.47 ug/ml



#19 n-Tetratriacontane (C34)

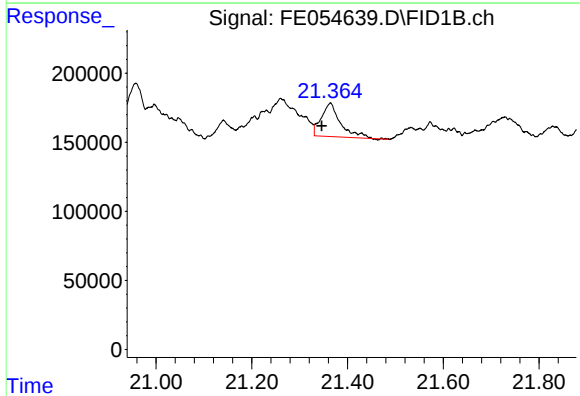
R.T.: 19.849 min
Delta R.T.: 0.016 min
Response: 781712
Conc: 5.13 ug/ml

Instrument :
FID_E
ClientSampleId :
500-3B



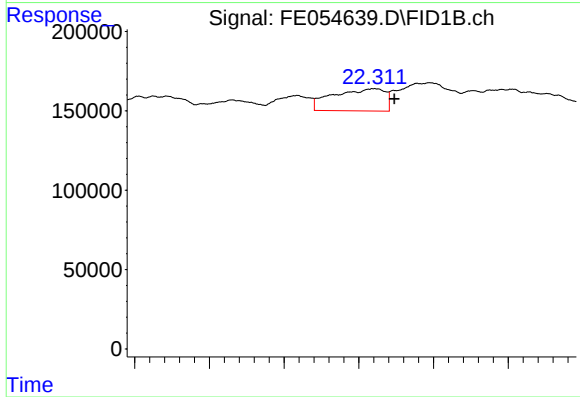
#20 n-Hexatriacontane (C36)

R.T.: 20.590 min
Delta R.T.: 0.017 min
Response: 516636
Conc: 3.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.364 min
Delta R.T.: 0.018 min
Response: 669156
Conc: 5.71 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.310 min
Delta R.T.: -0.014 min
Response: 340448
Conc: 3.14 ug/ml