

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062325AL\
 Data File : FE054550.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jun 2025 20:30
 Operator : YP\AJ
 Sample : Q2381-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 72-11929-E2

Integration File: autoint1.e
 Quant Time: Jun 24 03:09:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.828	7663646	46.380 ug/ml
Spiked Amount	50.000	Recovery =	92.76%
12) S 1-chlorooctadecane (S...)	13.274	5048407	41.398 ug/ml
Spiked Amount	50.000	Recovery =	82.80%
Target Compounds			
6) T n-Tetradecane (C14)	8.448	81571	0.630 ug/ml
7) T n-Hexadecane (C16)	10.063	5535	0.042 ug/ml
8) T n-Octadecane (C18)	11.513	21413	0.159 ug/ml
10) T n-Eicosane (C20)	12.842	428657	3.204 ug/ml
11) T n-Heneicosane (C21)	13.441	96274	0.724 ug/ml
13) T n-Docosane (C22)	14.027	241871	1.845 ug/ml
14) T n-Tetracosane (C24)	15.129	1057630	8.199 ug/ml
15) T n-Hexacosane (C26)	16.157	53049	0.423 ug/ml
16) T n-Octacosane (C28)	17.048f	106443	0.868 ug/ml
17) T n-Tricontane (C30)	17.997	60461	0.488 ug/ml
18) T n-Dotriacontane (C32)	18.831	139903	1.113 ug/ml
19) T n-Tetratriacontane (C34)	19.685f	360268	2.896 ug/ml
21) T n-Octatriacontane (C38)	21.076	72240	0.547 ug/ml

(f)=RT Delta > 1/2 Window

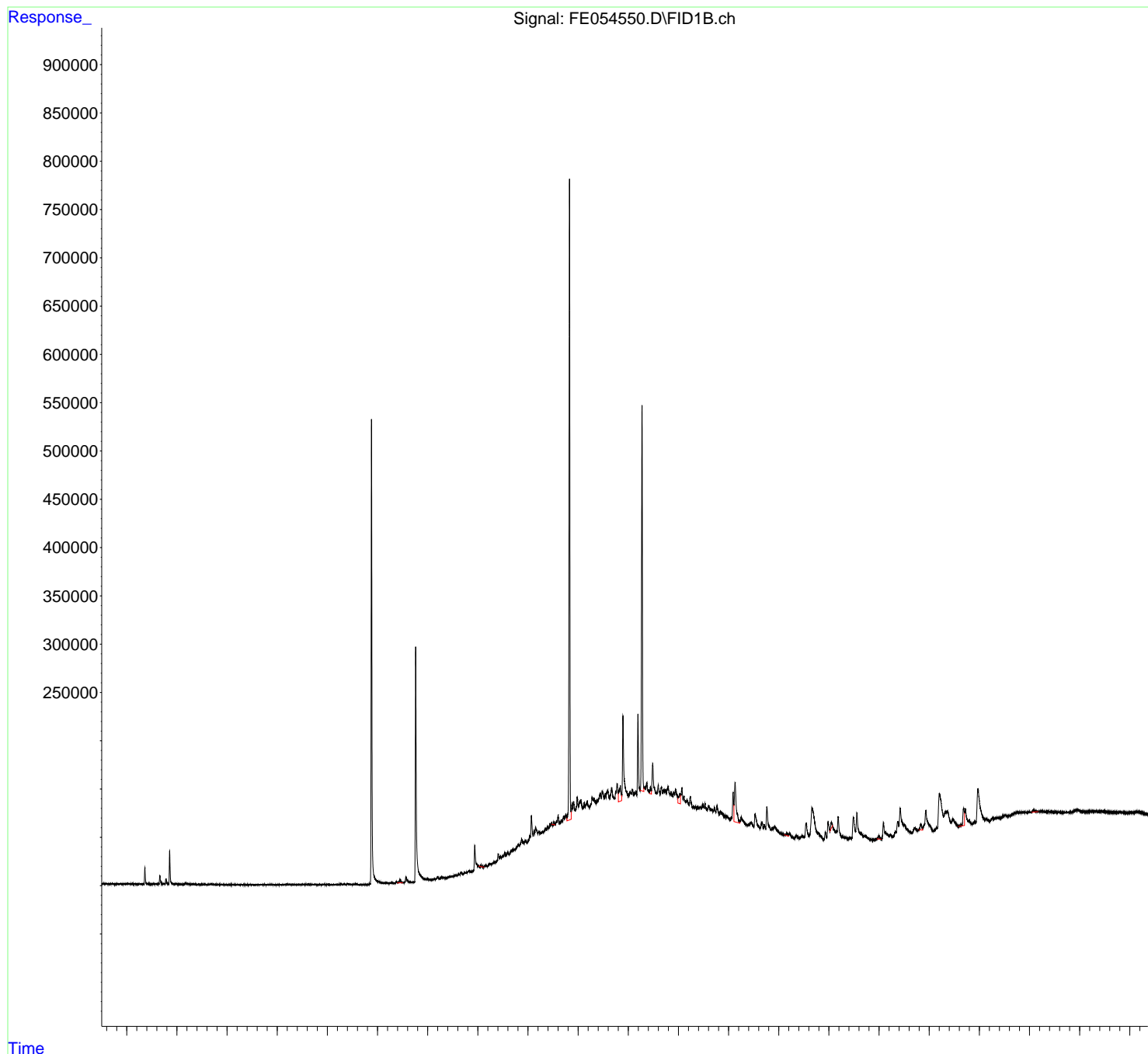
(m)=manual int.

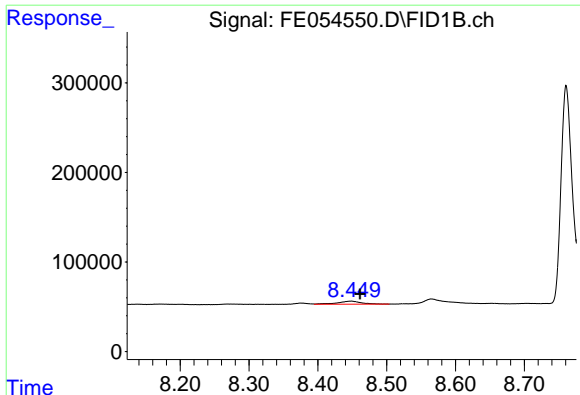
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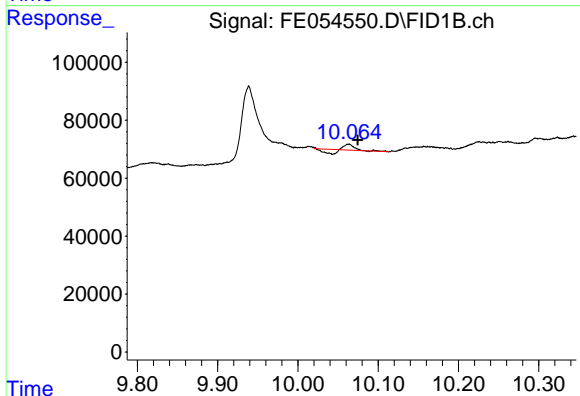
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um



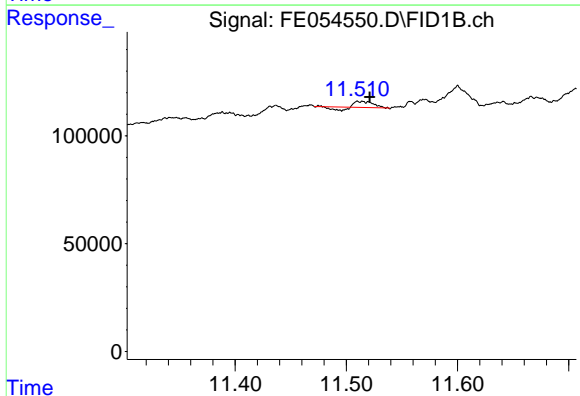


#6 n-Tetradecane (C14)
 R.T.: 8.448 min
 Delta R.T.: -0.014 min
 Response: 81571
 Conc: 0.63 ug/ml

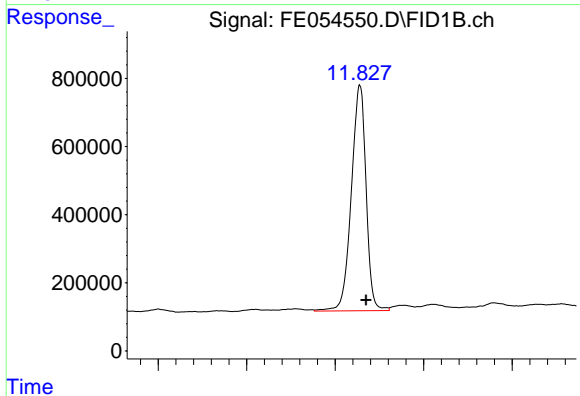
Instrument :
 FID_E
 ClientSampleId :
 72-11929-E2



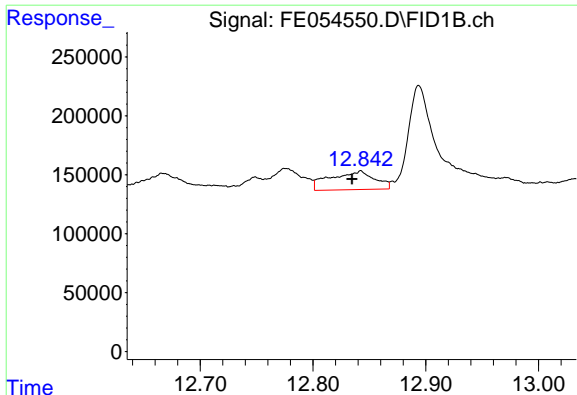
#7 n-Hexadecane (C16)
 R.T.: 10.063 min
 Delta R.T.: -0.011 min
 Response: 5535
 Conc: 0.04 ug/ml



#8 n-Octadecane (C18)
 R.T.: 11.513 min
 Delta R.T.: -0.008 min
 Response: 21413
 Conc: 0.16 ug/ml

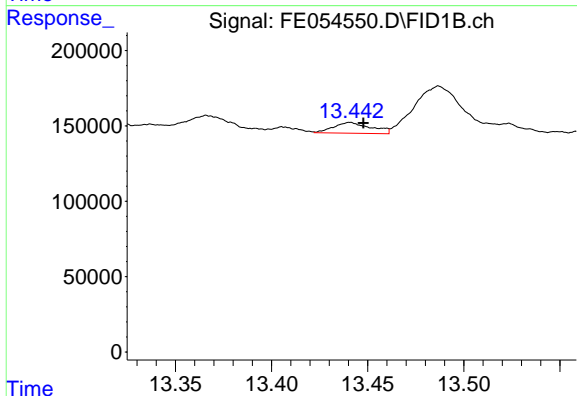


#9 ortho-Terphenyl (SURRE)
 R.T.: 11.828 min
 Delta R.T.: -0.007 min
 Response: 7663646
 Conc: 46.38 ug/ml

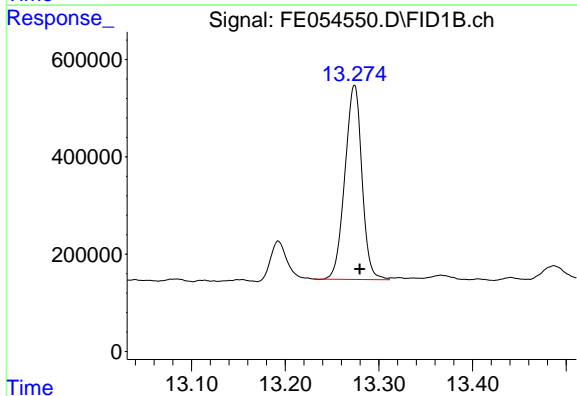


#10 n-Eicosane (C20)
 R.T.: 12.842 min
 Delta R.T.: 0.007 min
 Response: 428657
 Conc: 3.20 ug/ml

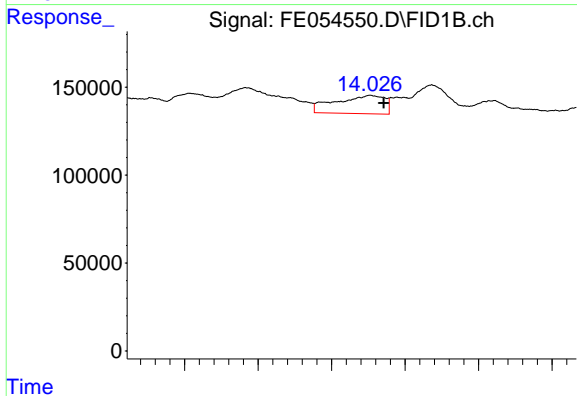
Instrument :
 FID_E
 ClientSampleId :
 72-11929-E2



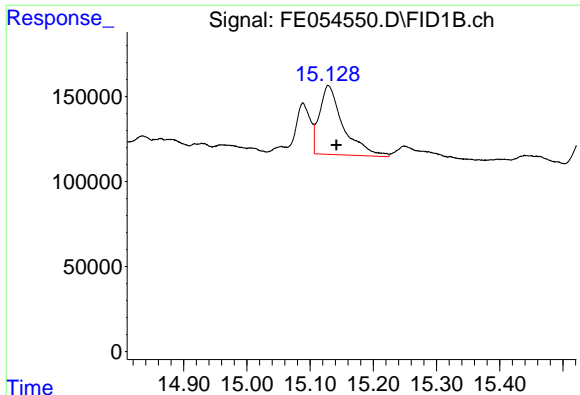
#11 n-Heneicosane (C21)
 R.T.: 13.441 min
 Delta R.T.: -0.007 min
 Response: 96274
 Conc: 0.72 ug/ml



#12 1-chlorooctadecane (SURR)
 R.T.: 13.274 min
 Delta R.T.: -0.006 min
 Response: 5048407
 Conc: 41.40 ug/ml



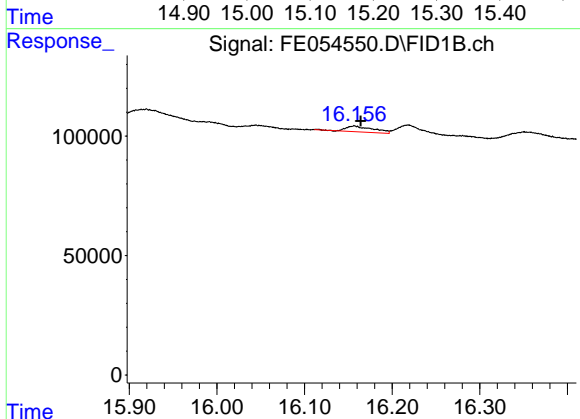
#13 n-Docosane (C22)
 R.T.: 14.027 min
 Delta R.T.: -0.008 min
 Response: 241871
 Conc: 1.84 ug/ml



#14 n-Tetracosane (C24)

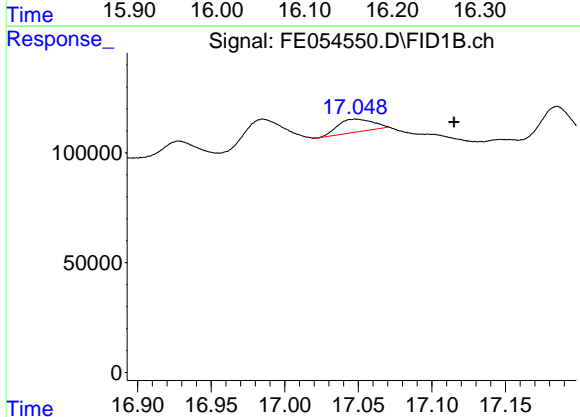
R.T.: 15.129 min
 Delta R.T.: -0.012 min
 Response: 1057630
 Conc: 8.20 ug/ml

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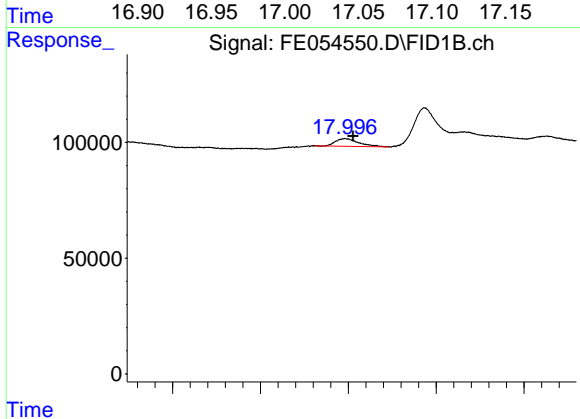
#15 n-Hexacosane (C26)

R.T.: 16.157 min
 Delta R.T.: -0.007 min
 Response: 53049
 Conc: 0.42 ug/ml



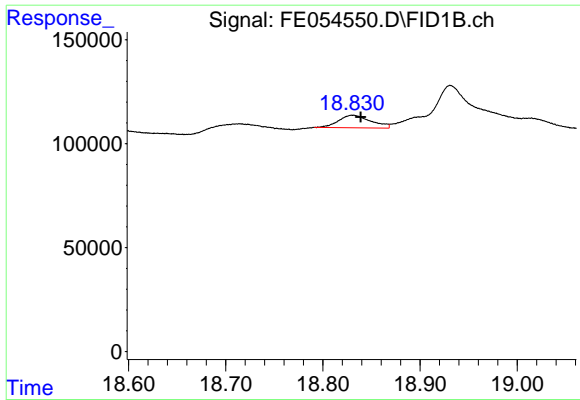
#16 n-Octacosane (C28)

R.T.: 17.048 min
 Delta R.T.: -0.067 min
 Response: 106443
 Conc: 0.87 ug/ml



#17 n-Tricontane (C30)

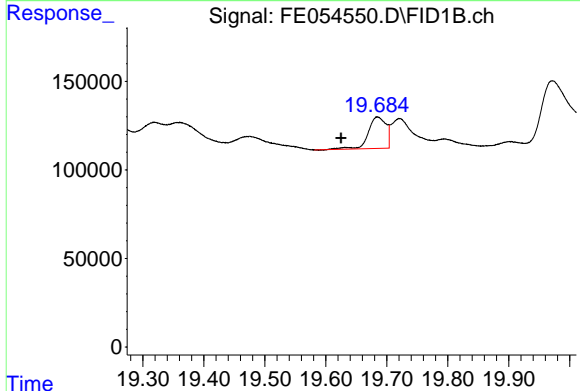
R.T.: 17.997 min
 Delta R.T.: -0.009 min
 Response: 60461
 Conc: 0.49 ug/ml



#18 n-Dotriacontane (C32)

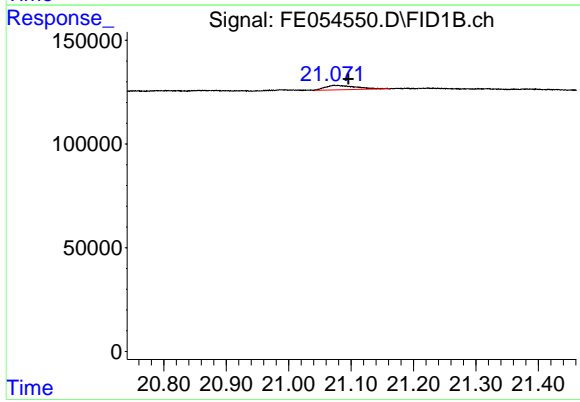
R.T.: 18.831 min
 Delta R.T.: -0.008 min
 Response: 139903
 Conc: 1.11 ug/ml

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#19 n-Tetratriacontane (C34)

R.T.: 19.685 min
 Delta R.T.: 0.060 min
 Response: 360268
 Conc: 2.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.076 min
 Delta R.T.: -0.020 min
 Response: 72240
 Conc: 0.55 ug/ml