

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083025AL\
 Data File : FE055613.D
 Signal(s) : FID1B.ch
 Acq On : 29 Aug 2025 23:10
 Operator : YP\AJ
 Sample : Q2983-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 01 01:46:22 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)	12.076	3757079	22.869 ug/ml
Spiked Amount 50.000		Recovery =	45.74%
12) S 1-chlorooctadecane (S...	13.520	4141804	33.123 ug/ml
Spiked Amount 50.000		Recovery =	66.25%
Target Compounds			
7) T n-Hexadecane (C16)	10.300	151751	1.096 ug/ml
8) T n-Octadecane (C18)	11.749	397546	2.726 ug/ml
10) T n-Eicosane (C20)	13.068	999131	6.941 ug/ml
11) T n-Heneicosane (C21)	13.687	2370086	16.592 ug/ml
13) T n-Docosane (C22)	14.296	9041520	63.164 ug/ml
14) T n-Tetracosane (C24)	15.367	4769525	32.962 ug/ml
15) T n-Hexacosane (C26)	16.388	847662	5.933 ug/ml
16) T n-Octacosane (C28)	17.356	450509	3.167 ug/ml
17) T n-Tricontane (C30)	18.247	1425497	9.644 ug/ml
18) T n-Dotriacontane (C32)	19.081	776645	5.291 ug/ml
19) T n-Tetratriacontane (C34)	19.900	2406428	17.032 ug/ml
20) T n-Hexatriacontane (C36)	20.604	224160	1.699 ug/ml

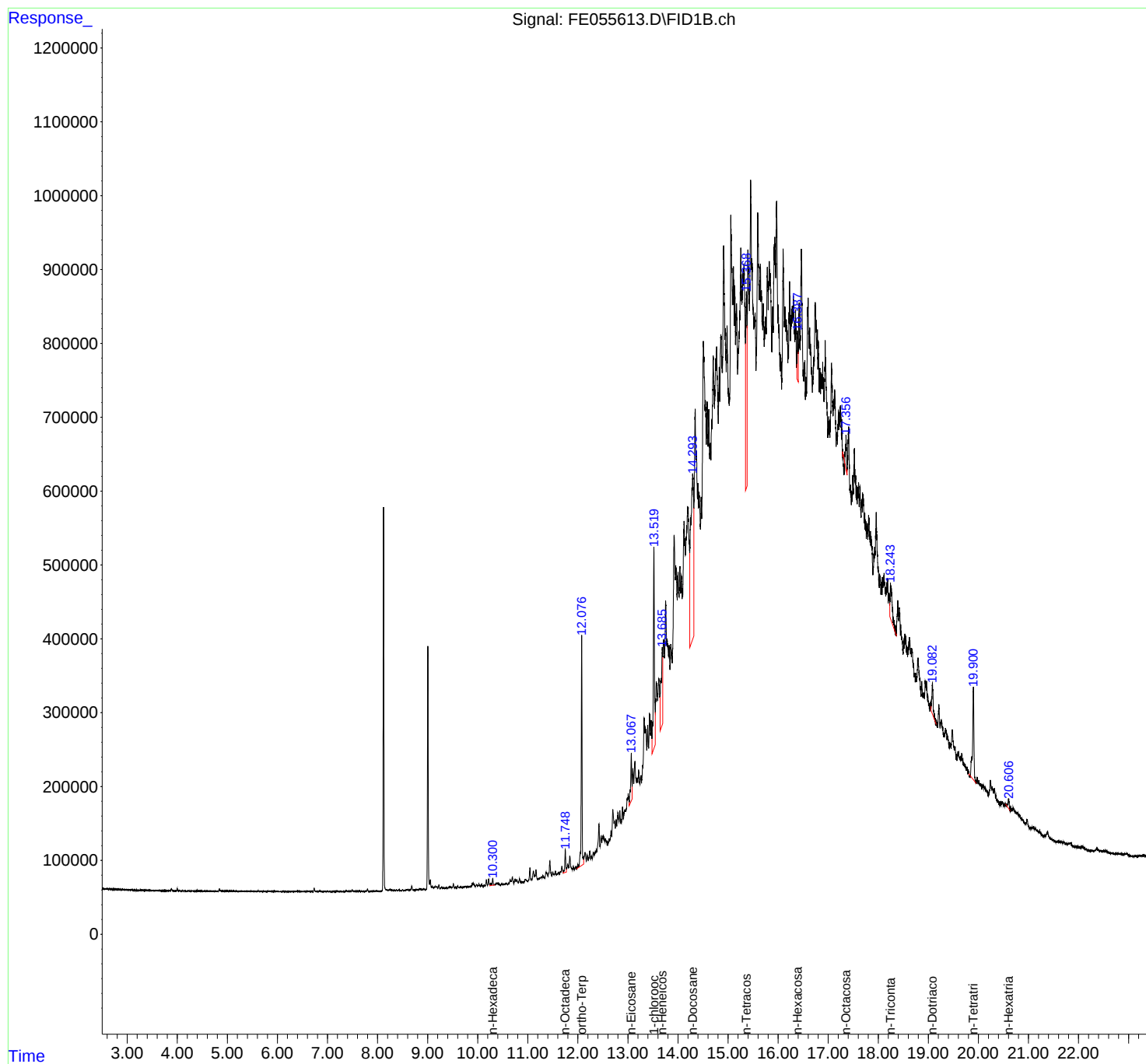
(f)=RT Delta > 1/2 Window

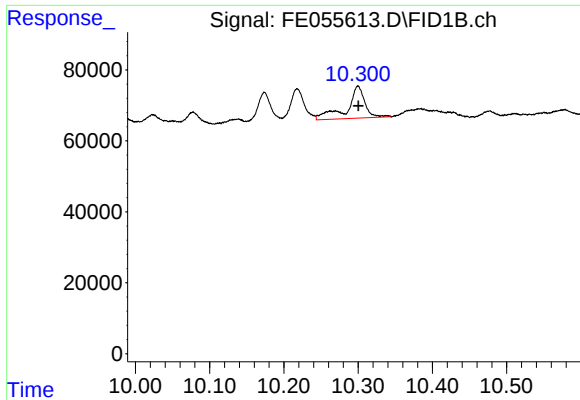
(m)=manual int.

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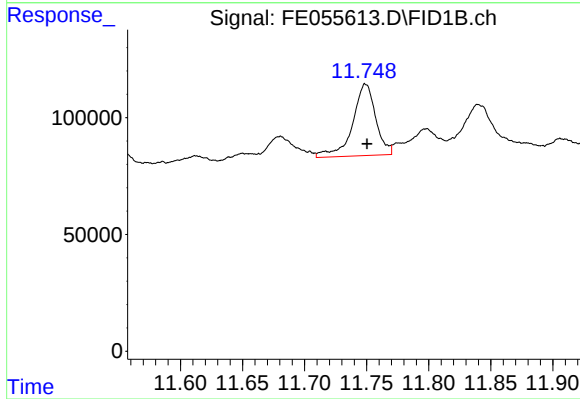
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





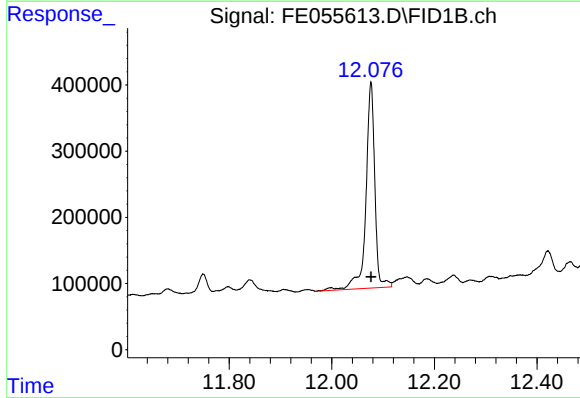
#7 n-Hexadecane (C16)

R.T.: 10.300 min
Delta R.T.: 0.000 min
Response: 151751
Conc: 1.10 ug/ml



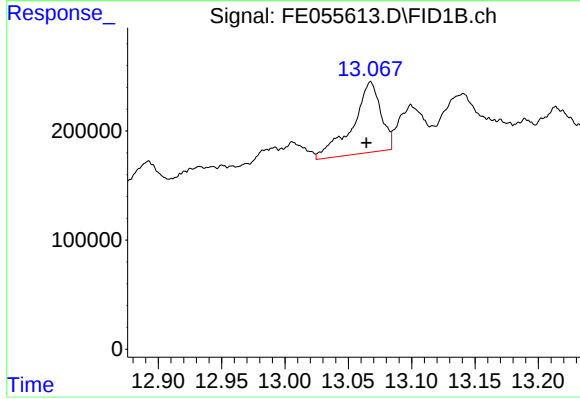
#8 n-Octadecane (C18)

R.T.: 11.749 min
Delta R.T.: -0.001 min
Response: 397546
Conc: 2.73 ug/ml



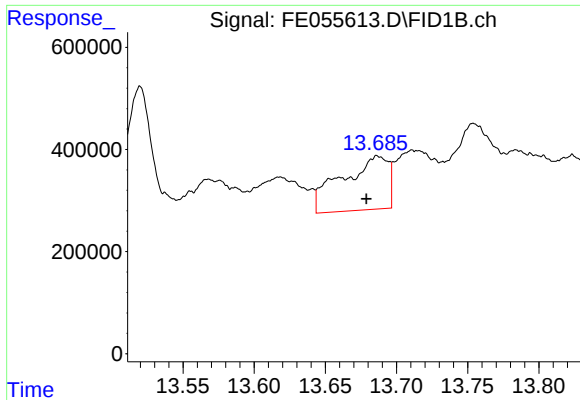
#9 ortho-Terphenyl (SURR)

R.T.: 12.076 min
Delta R.T.: 0.000 min
Response: 3757079
Conc: 22.87 ug/ml



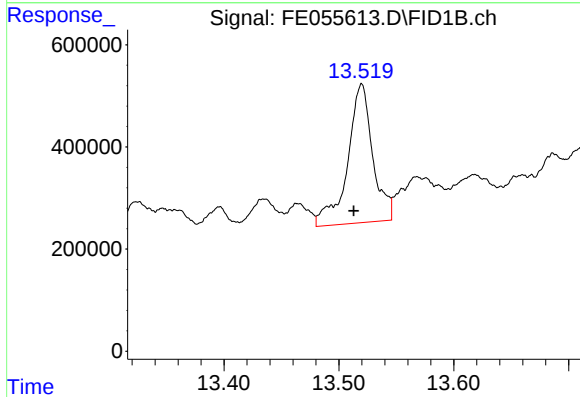
#10 n-Eicosane (C20)

R.T.: 13.068 min
Delta R.T.: 0.003 min
Response: 999131
Conc: 6.94 ug/ml



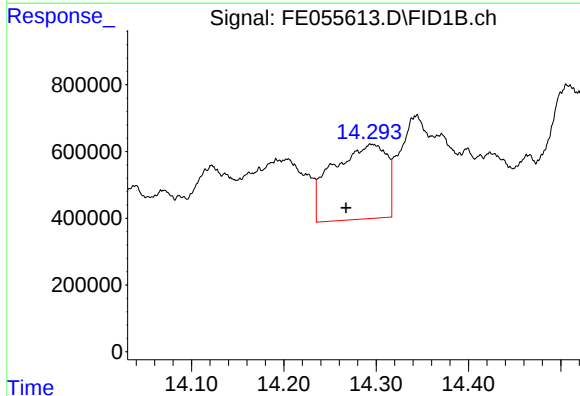
#11 n-Heneicosane (C21)

R.T.: 13.687 min
Delta R.T.: 0.008 min
Response: 2370086
Conc: 16.59 ug/ml



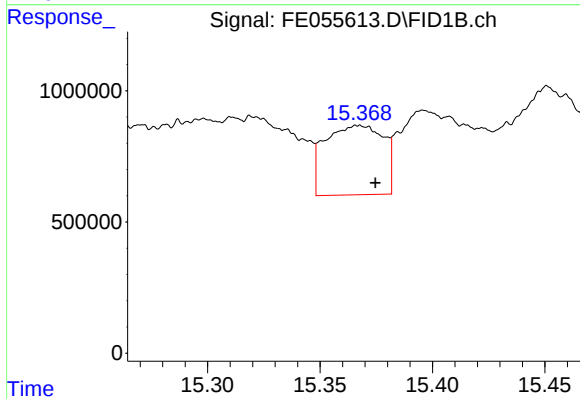
#12 1-chlorooctadecane (SURR)

R.T.: 13.520 min
Delta R.T.: 0.007 min
Response: 4141804
Conc: 33.12 ug/ml



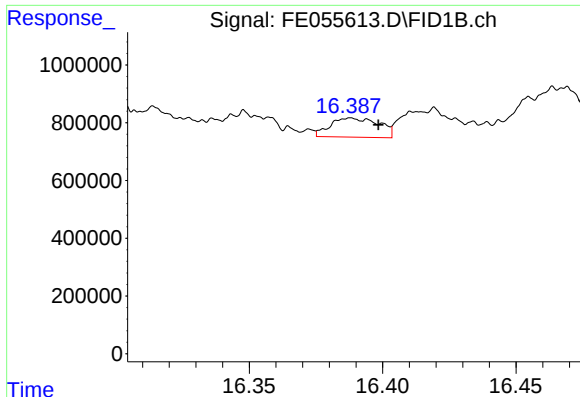
#13 n-Docosane (C22)

R.T.: 14.296 min
Delta R.T.: 0.028 min
Response: 9041520
Conc: 63.16 ug/ml



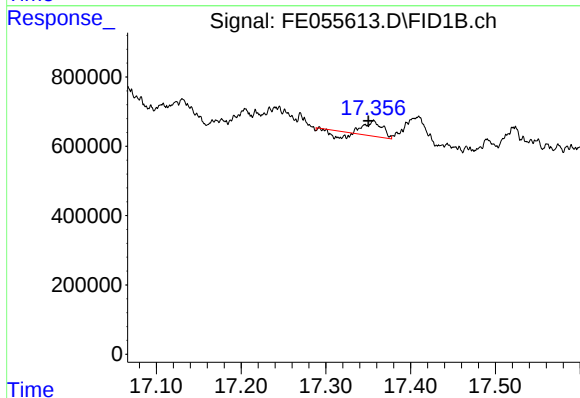
#14 n-Tetracosane (C24)

R.T.: 15.367 min
Delta R.T.: -0.007 min
Response: 4769525
Conc: 32.96 ug/ml



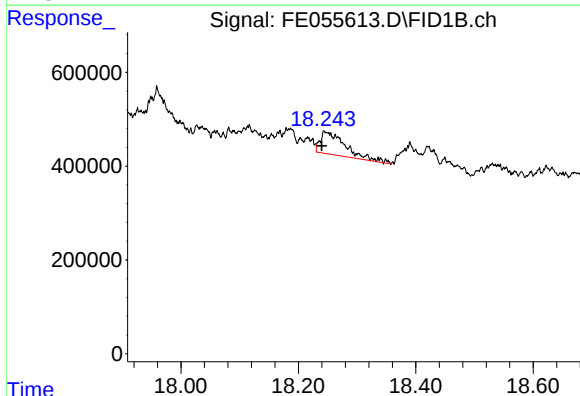
#15 n-Hexacosane (C26)

R.T.: 16.388 min
Delta R.T.: -0.010 min
Response: 847662
Conc: 5.93 ug/ml



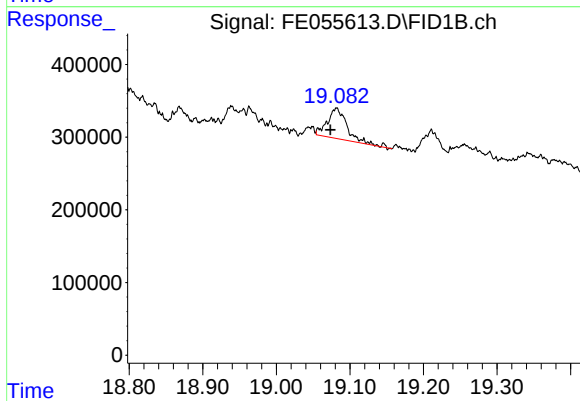
#16 n-Octacosane (C28)

R.T.: 17.356 min
Delta R.T.: 0.006 min
Response: 450509
Conc: 3.17 ug/ml



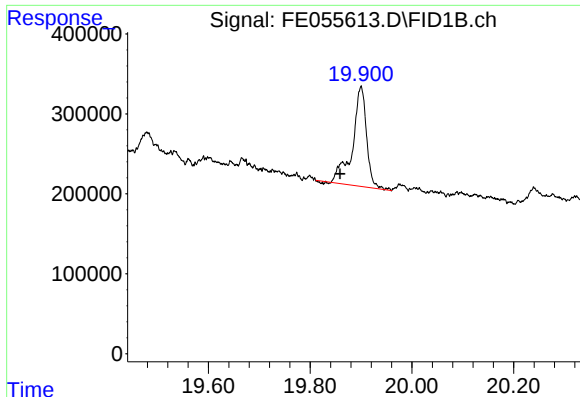
#17 n-Tricontane (C30)

R.T.: 18.247 min
Delta R.T.: 0.007 min
Response: 1425497
Conc: 9.64 ug/ml



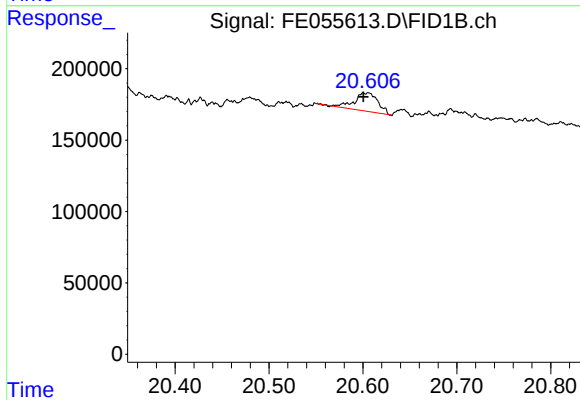
#18 n-Dotriacontane (C32)

R.T.: 19.081 min
Delta R.T.: 0.008 min
Response: 776645
Conc: 5.29 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.900 min
Delta R.T.: 0.041 min
Response: 2406428
Conc: 17.03 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.604 min
Delta R.T.: 0.003 min
Response: 224160
Conc: 1.70 ug/ml