Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080725AL\
Data File : FE055168.D
Signal(s) : FID1B.ch
Acq On : 07 Aug 2025 09:23
Operator : YP\AJ
Sample : Q2772-02DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
500-3B-SOIL-E2DL

Integration File: autoint1.e
Quant Time: Aug 08 01:02:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 13:47:09 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	1265090	8.859 ug/ml
Spiked Amount	50.000		Recovery =	17.72%
12) S	1-chlorooctadecane (S...	13.521	690991	6.426 ug/ml
Spiked Amount	50.000		Recovery =	12.85%
	Target Compounds			
6) T	n-Tetradecane (C14)	8.703	32195	0.263 ug/ml
7) T	n-Hexadecane (C16)	10.322	46372	0.363 ug/ml
8) T	n-Octadecane (C18)	11.757	142953	1.096 ug/ml
10) T	n-Eicosane (C20)	13.072	72249	0.576 ug/ml
11) T	n-Heneicosane (C21)	13.709	161601	1.311 ug/ml
13) T	n-Docosane (C22)	14.336f	77072	0.631 ug/ml
16) T	n-Octacosane (C28)	17.355	30935	0.261 ug/ml
17) T	n-Tricontane (C30)	18.246	54446	0.442 ug/ml
18) T	n-Dotriacontane (C32)	19.080	68510	0.562 ug/ml
19) T	n-Tetratriacontane (C34)	19.865	44287	0.379 ug/ml
20) T	n-Hexatriacontane (C36)	20.606	42262	0.387 ug/ml
21) T	n-Octatriacontane (C38)	21.386	84488	0.782 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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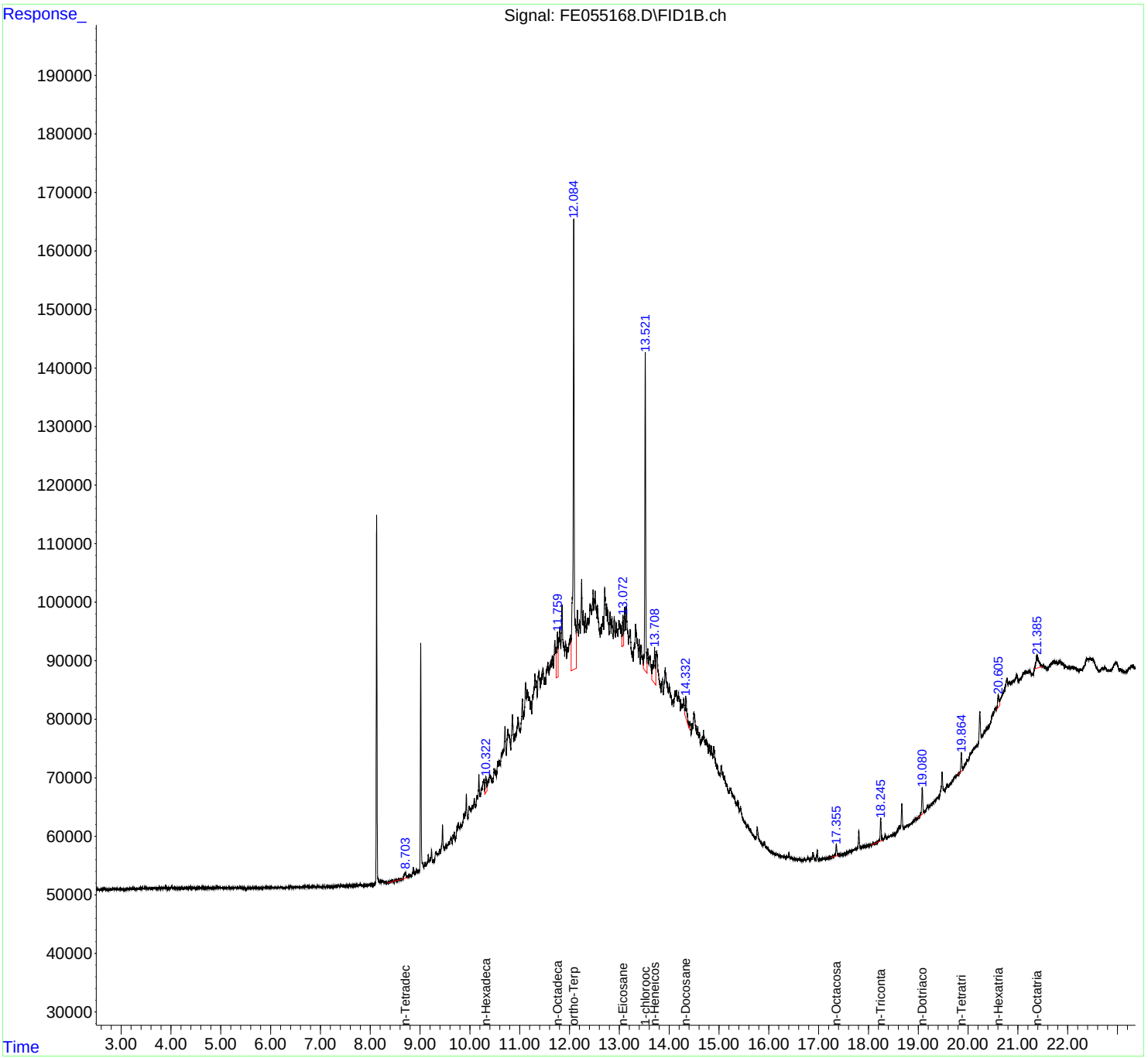
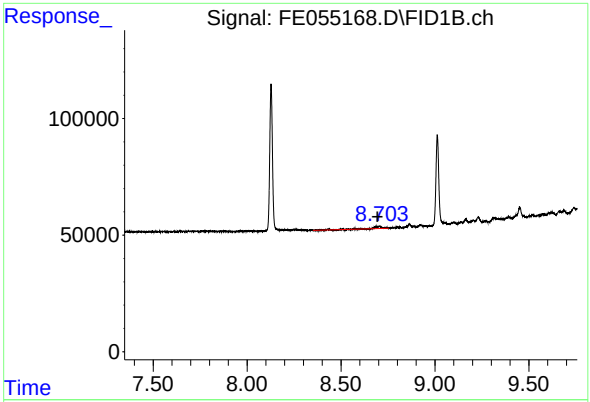
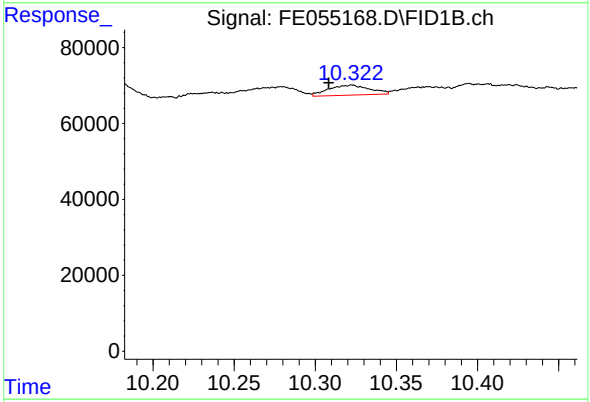




#6 n-Tetradecane (C14)

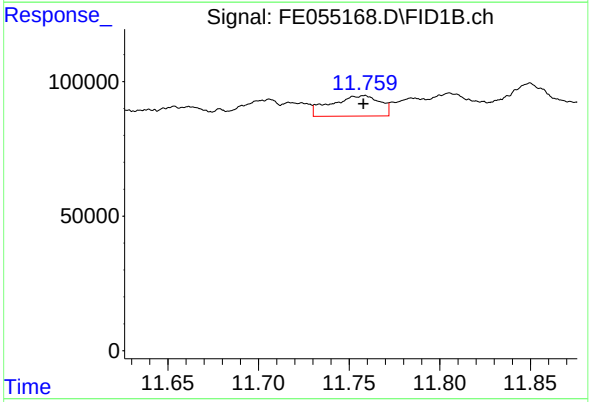
R.T.: 8.703 min
Delta R.T.: 0.010 min
Response: 32195
Conc: 0.26 ug/ml

Instrument :
FID_E
ClientSampleId :
500-3B-SOIL-E2DL



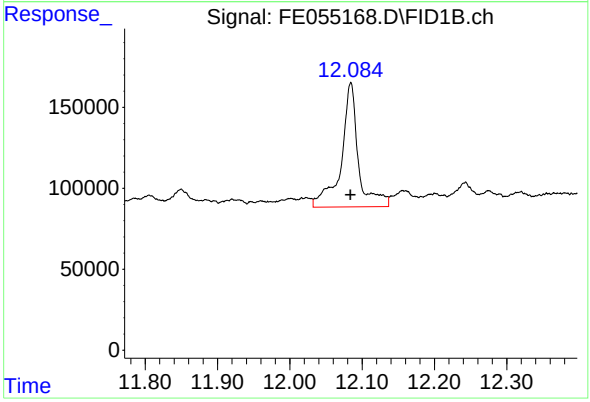
#7 n-Hexadecane (C16)

R.T.: 10.322 min
Delta R.T.: 0.013 min
Response: 46372
Conc: 0.36 ug/ml



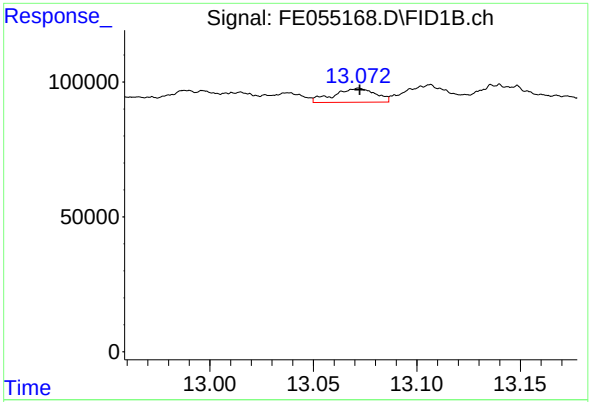
#8 n-Octadecane (C18)

R.T.: 11.757 min
Delta R.T.: 0.000 min
Response: 142953
Conc: 1.10 ug/ml



#9 ortho-Terphenyl (SURR)

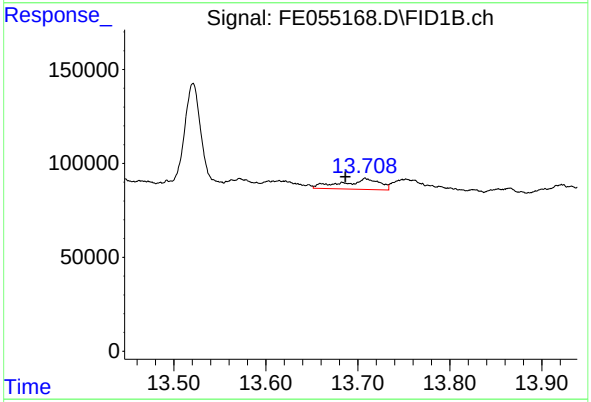
R.T.: 12.084 min
Delta R.T.: 0.000 min
Response: 1265090
Conc: 8.86 ug/ml



#10 n-Eicosane (C20)

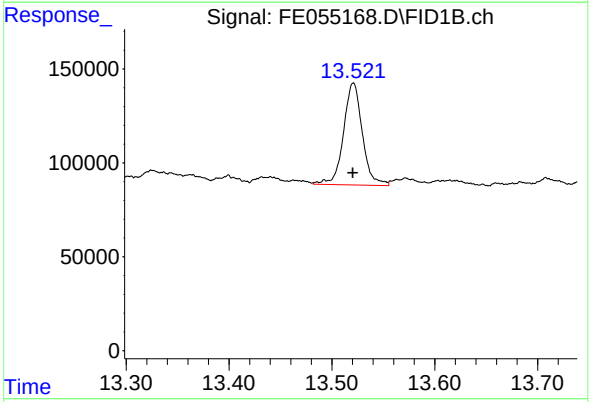
R.T.: 13.072 min
Delta R.T.: 0.000 min
Response: 72249
Conc: 0.58 ug/ml

Instrument :
FID_E
ClientSampleId :
500-3B-SOIL-E2DL



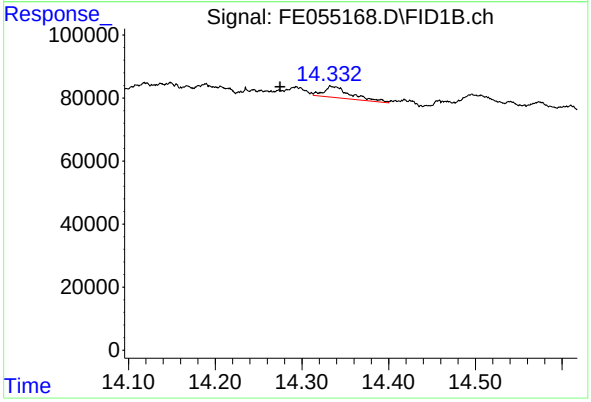
#11 n-Heneicosane (C21)

R.T.: 13.709 min
Delta R.T.: 0.023 min
Response: 161601
Conc: 1.31 ug/ml



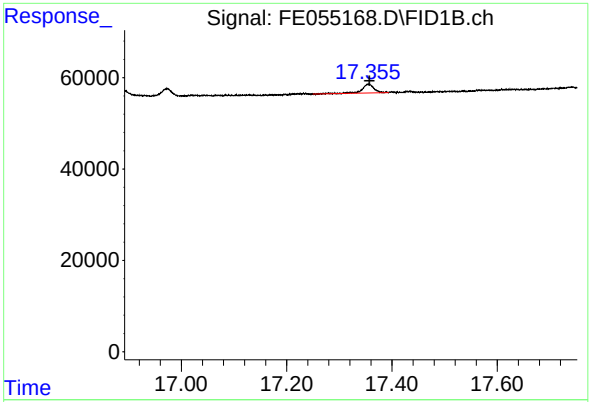
#12 1-chlorooctadecane (SURR)

R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 690991
Conc: 6.43 ug/ml



#13 n-Docosane (C22)

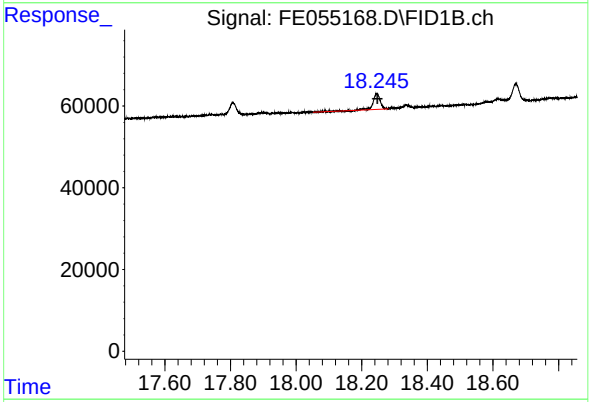
R.T.: 14.336 min
Delta R.T.: 0.061 min
Response: 77072
Conc: 0.63 ug/ml



#16 n-Octacosane (C28)

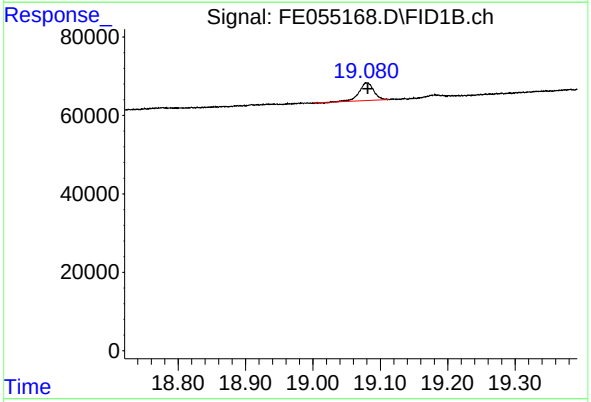
R.T.: 17.355 min
Delta R.T.: -0.002 min
Response: 30935
Conc: 0.26 ug/ml

Instrument :
FID_E
ClientSampleId :
500-3B-SOIL-E2DL



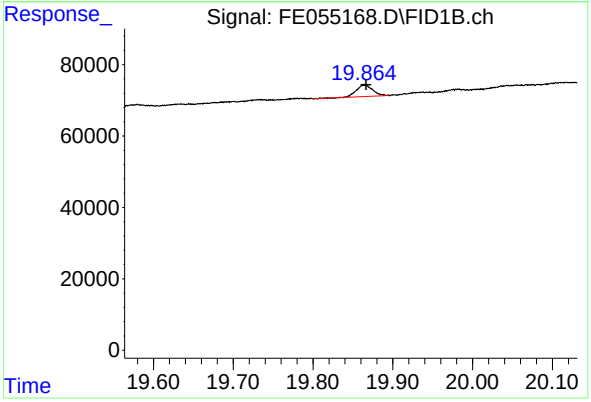
#17 n-Tricontane (C30)

R.T.: 18.246 min
Delta R.T.: -0.002 min
Response: 54446
Conc: 0.44 ug/ml



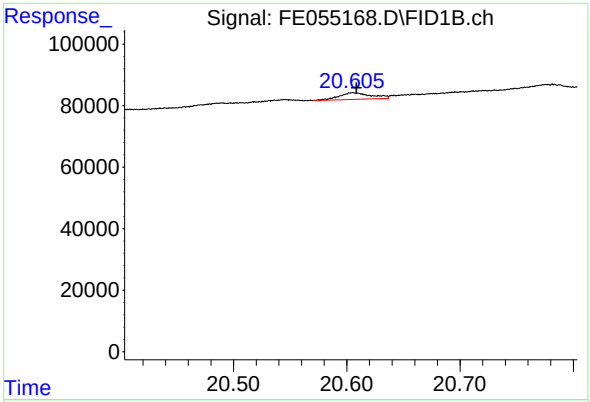
#18 n-Dotriacontane (C32)

R.T.: 19.080 min
Delta R.T.: -0.001 min
Response: 68510
Conc: 0.56 ug/ml



#19 n-Tetratriacontane (C34)

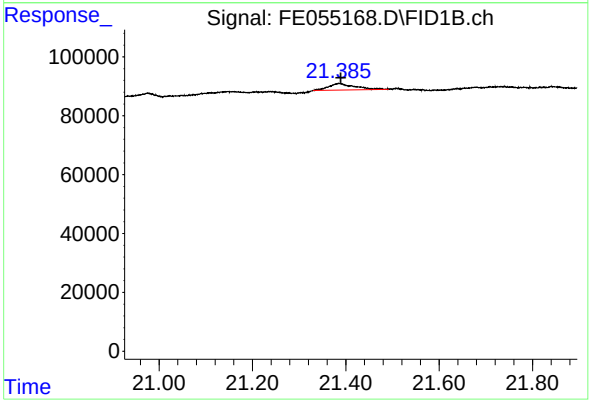
R.T.: 19.865 min
Delta R.T.: -0.002 min
Response: 44287
Conc: 0.38 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.606 min
Delta R.T.: -0.003 min
Response: 42262
Conc: 0.39 ug/ml

Instrument :
FID_E
ClientSampleId :
500-3B-SOIL-E2DL



#21 n-Octatriacontane (C38)

R.T.: 21.386 min
Delta R.T.: -0.004 min
Response: 84488
Conc: 0.78 ug/ml