Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080725AL\
Data File : FE055167.D
Signal(s) : FID1B.ch
Acq On : 07 Aug 2025 08:52
Operator : YP\AJ
Sample : Q2772-01DL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
500-3B-SOILDL

Integration File: autoint1.e
Quant Time: Aug 08 01:01:52 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)	12.085	1279119	8.957 ug/ml
Spiked Amount 50.000		Recovery =	17.91%
12) S 1-chlorooctadecane (S...	13.522	708970	6.594 ug/ml
Spiked Amount 50.000		Recovery =	13.19%
Target Compounds			
7) T n-Hexadecane (C16)	10.325	36563	0.286 ug/ml
8) T n-Octadecane (C18)	11.757	104775	0.803 ug/ml
10) T n-Eicosane (C20)	13.072	88635	0.706 ug/ml
11) T n-Heneicosane (C21)	13.711	105619	0.857 ug/ml
13) T n-Docosane (C22)	14.338f	74649	0.611 ug/ml
16) T n-Octacosane (C28)	17.357	26915	0.227 ug/ml
17) T n-Tricontane (C30)	18.247	59955	0.487 ug/ml
18) T n-Dotriacontane (C32)	19.081	75434	0.618 ug/ml
19) T n-Tetratriacontane (C34)	19.865	52917	0.453 ug/ml
20) T n-Hexatriacontane (C36)	20.608	33483	0.306 ug/ml
21) T n-Octatriacontane (C38)	21.386	121293	1.122 ug/ml

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

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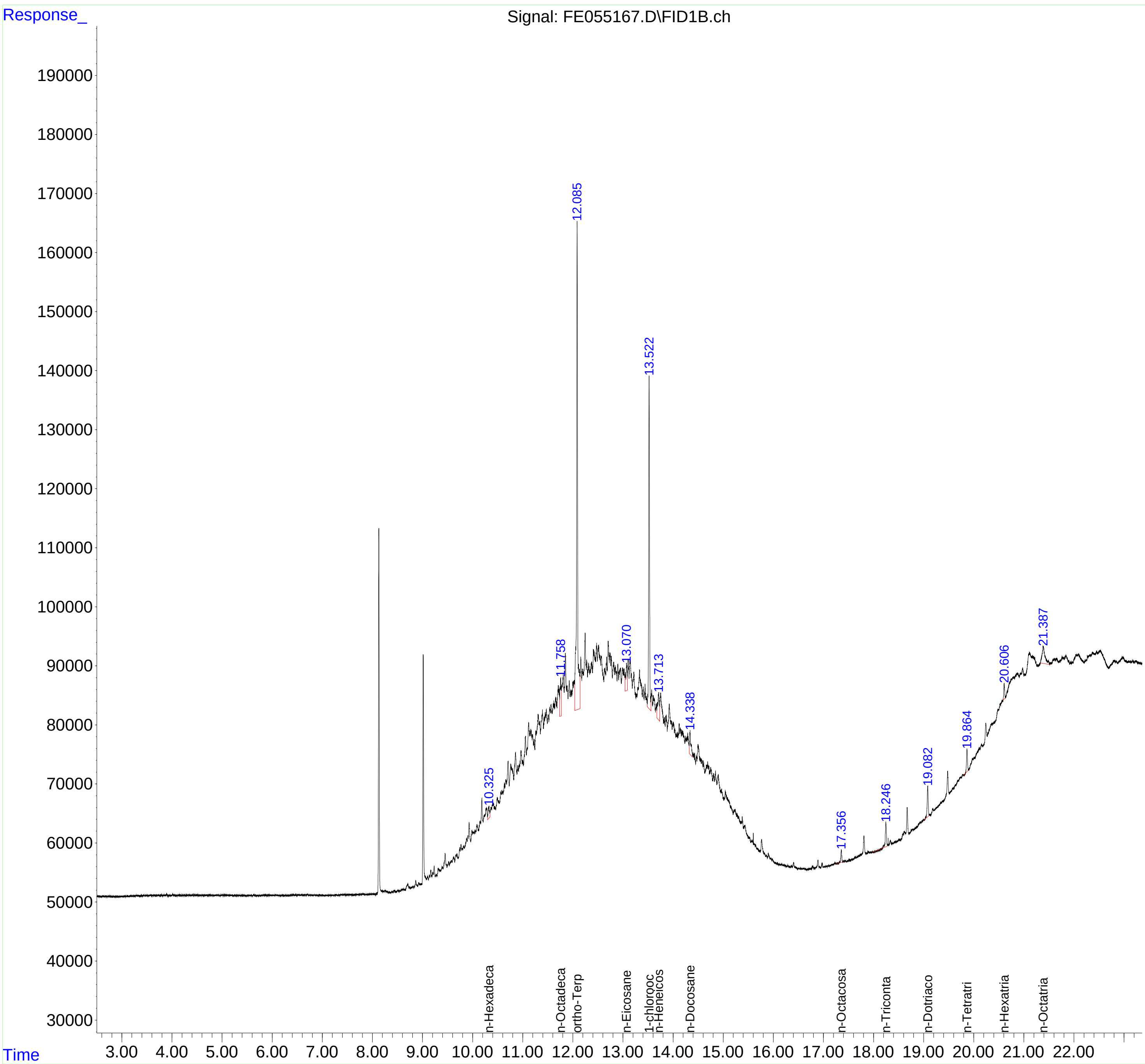
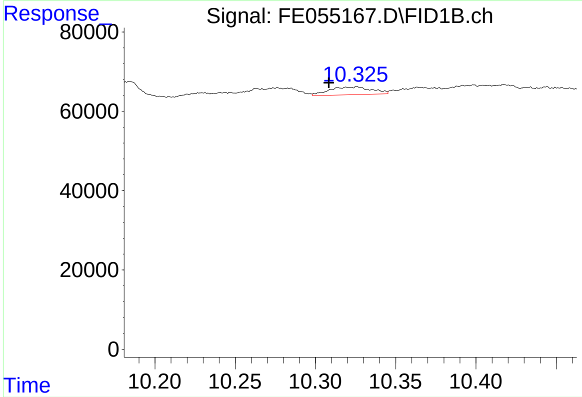
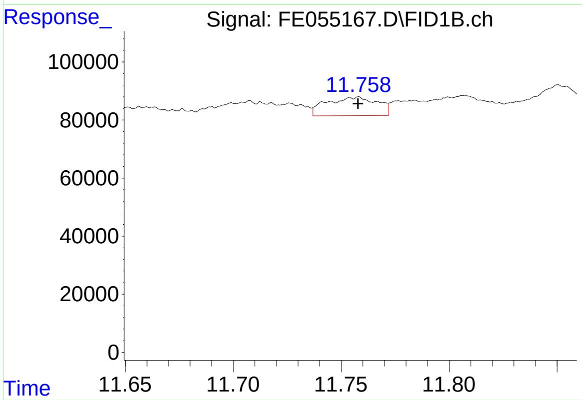




#7 n-Hexadecane (C16)

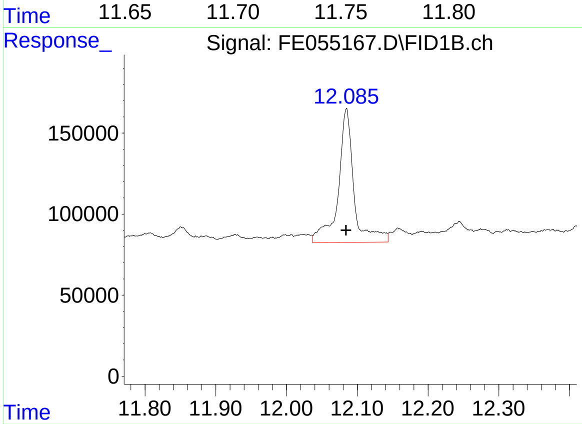
R.T.: 10.325 min
Delta R.T.: 0.016 min
Response: 36563
Conc: 0.29 ug/ml

Instrument :
FID_E
ClientSampleId :
500-3B-SOILDL



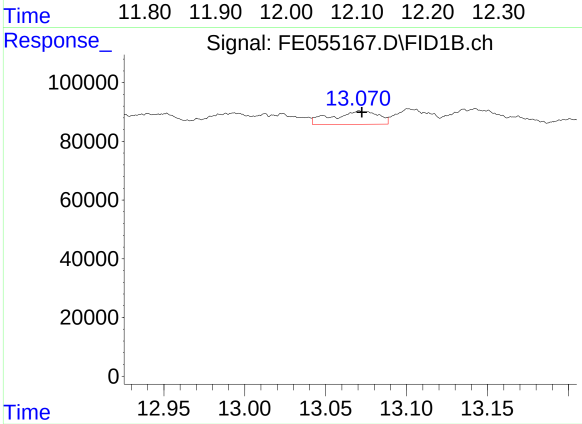
#8 n-Octadecane (C18)

R.T.: 11.757 min
Delta R.T.: 0.000 min
Response: 104775
Conc: 0.80 ug/ml



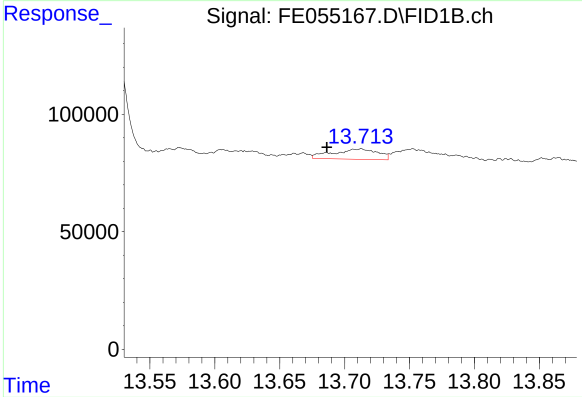
#9 ortho-Terphenyl (SURR)

R.T.: 12.085 min
Delta R.T.: 0.000 min
Response: 1279119
Conc: 8.96 ug/ml



#10 n-Eicosane (C20)

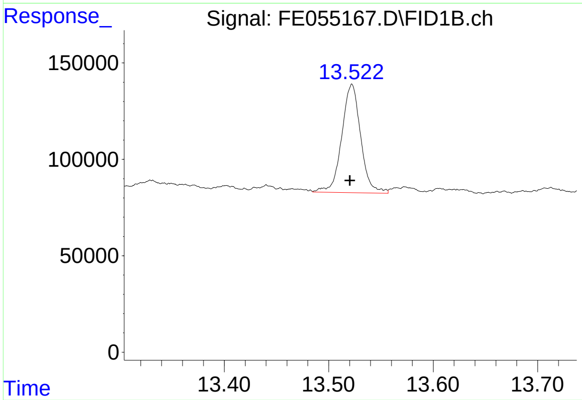
R.T.: 13.072 min
Delta R.T.: 0.000 min
Response: 88635
Conc: 0.71 ug/ml



#11 n-Heneicosane (C21)

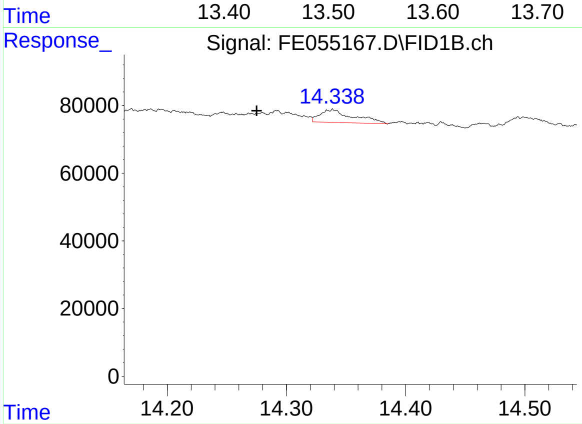
R.T.: 13.711 min
Delta R.T.: 0.025 min
Response: 105619
Conc: 0.86 ug/ml

Instrument :
FID_E
ClientSampleId :
500-3B-SOILDL



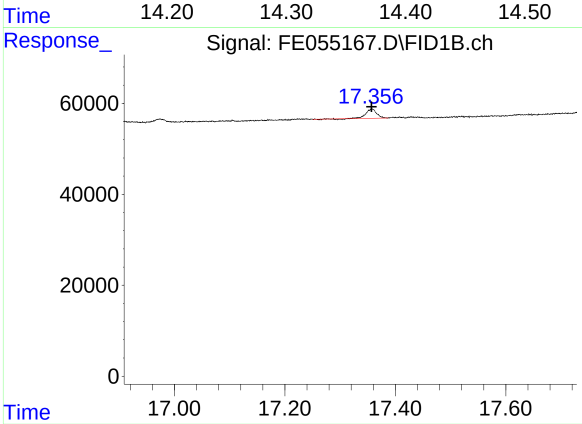
#12 1-chlorooctadecane (SURR)

R.T.: 13.522 min
Delta R.T.: 0.002 min
Response: 708970
Conc: 6.59 ug/ml



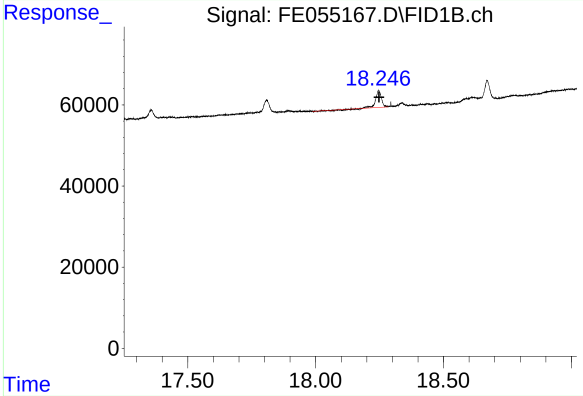
#13 n-Docosane (C22)

R.T.: 14.338 min
Delta R.T.: 0.063 min
Response: 74649
Conc: 0.61 ug/ml



#16 n-Octacosane (C28)

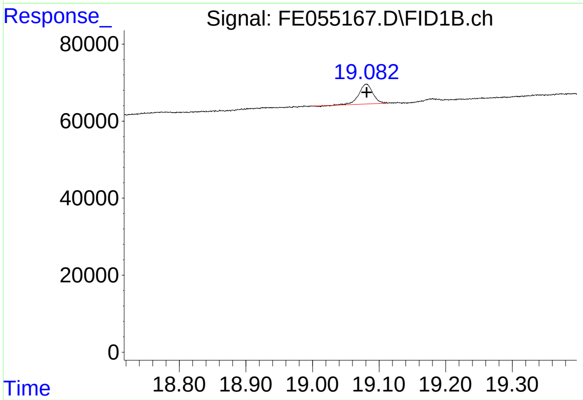
R.T.: 17.357 min
Delta R.T.: 0.000 min
Response: 26915
Conc: 0.23 ug/ml



#17 n-Tricontane (C30)

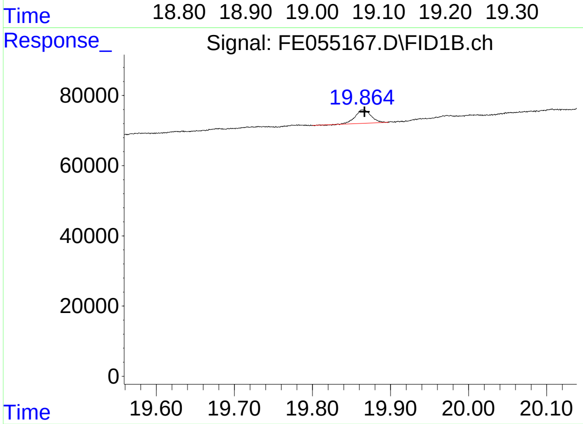
R.T.: 18.247 min
Delta R.T.: -0.001 min
Response: 59955
Conc: 0.49 ug/ml

Instrument :
FID_E
ClientSampleId :
500-3B-SOILDL



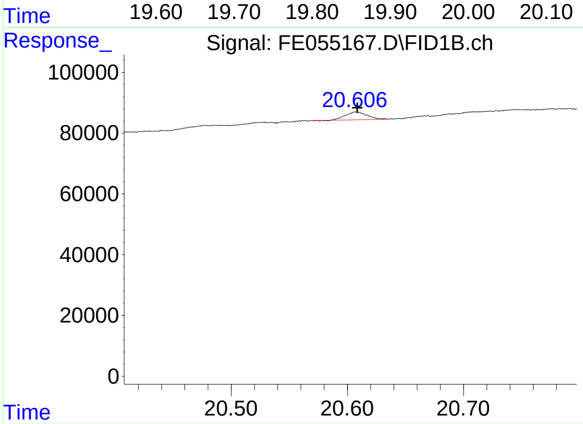
#18 n-Dotriacontane (C32)

R.T.: 19.081 min
Delta R.T.: 0.000 min
Response: 75434
Conc: 0.62 ug/ml



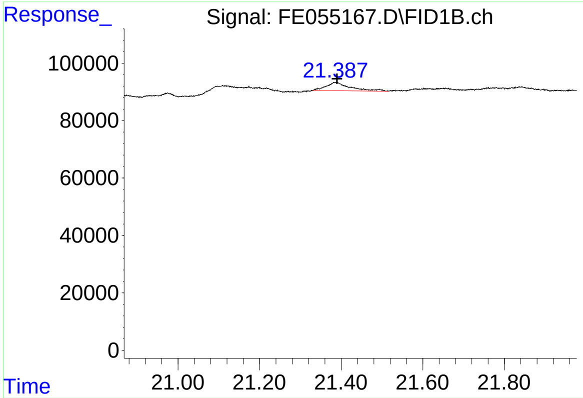
#19 n-Tetratriacontane (C34)

R.T.: 19.865 min
Delta R.T.: -0.002 min
Response: 52917
Conc: 0.45 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.608 min
Delta R.T.: 0.000 min
Response: 33483
Conc: 0.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.:	21.386 min
Delta R.T.:	-0.004 min
Response:	121293
Conc:	1.12 ug/ml

Instrument :
FID_E
ClientSampleId :
500-3B-SOILDL