Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081525AL\
Data File : FE055333.D
Signal(s) : FID1B.ch
Acq On : 15 Aug 2025 17:55
Operator : YP\AJ
Sample : Q2853-02DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :

Integration File: autoint1.e
Quant Time: Aug 18 04:06:20 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)	12.081	842788	5.902 ug/ml
Spiked Amount	50.000		Recovery =	11.80%
12) S	1-chlorooctadecane (S...	13.518	584755	5.438 ug/ml
Spiked Amount	50.000		Recovery =	10.88%
	Target Compounds			
6) T	n-Tetradecane (C14)	8.688	156940	1.280 ug/ml
7) T	n-Hexadecane (C16)	10.305	252770	1.977 ug/ml
8) T	n-Octadecane (C18)	11.754	340049	2.606 ug/ml
10) T	n-Eicosane (C20)	13.069	298627	2.380 ug/ml
11) T	n-Heneicosane (C21)	13.684	164193	1.332 ug/ml
13) T	n-Docosane (C22)	14.272	109853	0.900 ug/ml
16) T	n-Octacosane (C28)	17.355	132751	1.119 ug/ml
17) T	n-Tricontane (C30)	18.244	229356	1.864 ug/ml
18) T	n-Dotriacontane (C32)	19.079	338272	2.772 ug/ml
19) T	n-Tetratriacontane (C34)	19.864	288633	2.469 ug/ml
20) T	n-Hexatriacontane (C36)	20.605	197590	1.808 ug/ml

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

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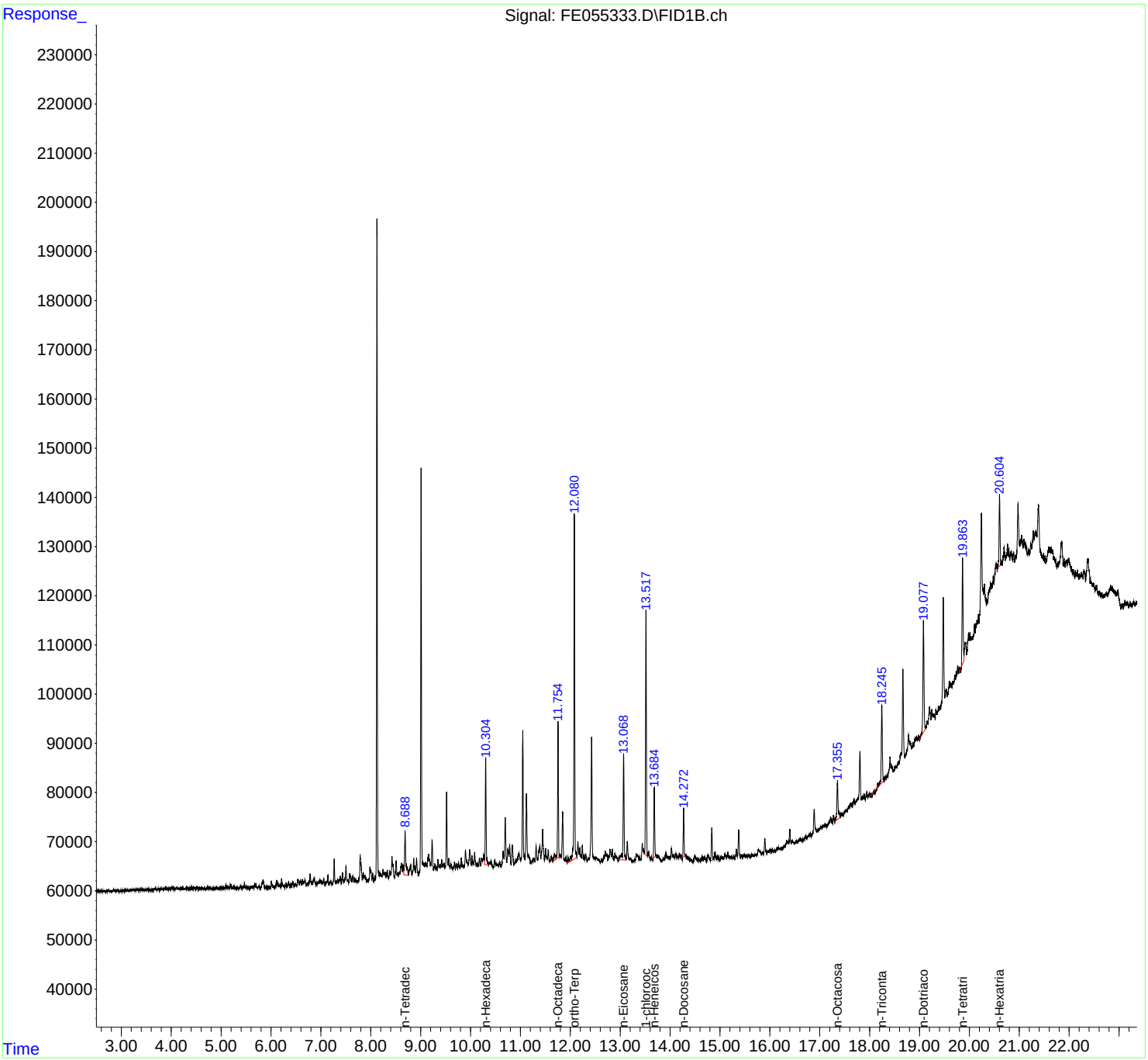
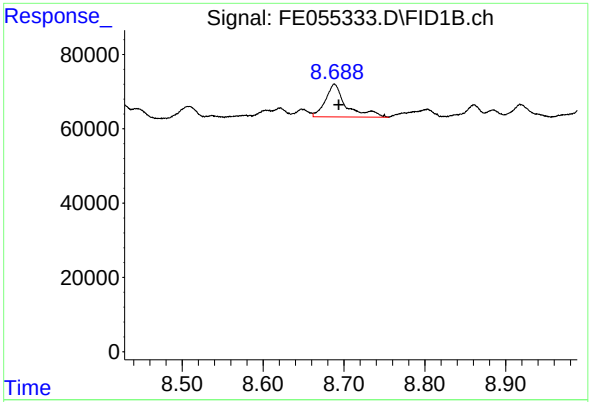
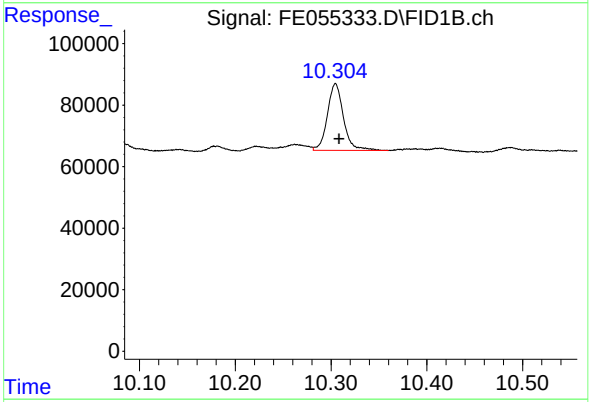




#6 n-Tetradecane (C14)

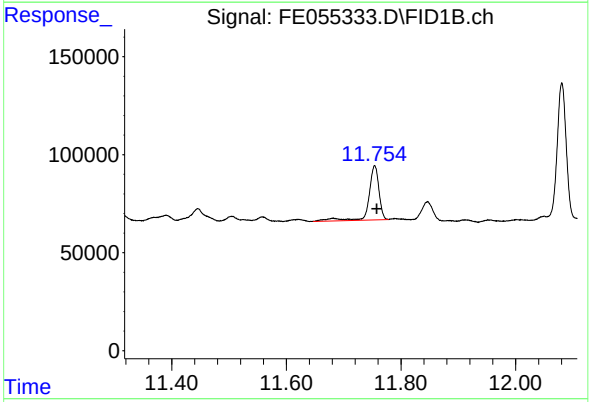
R.T.: 8.688 min
Delta R.T.: -0.005 min
Response: 156940
Conc: 1.28 ug/ml

Instrument :
FID_C
ClientSampleId :



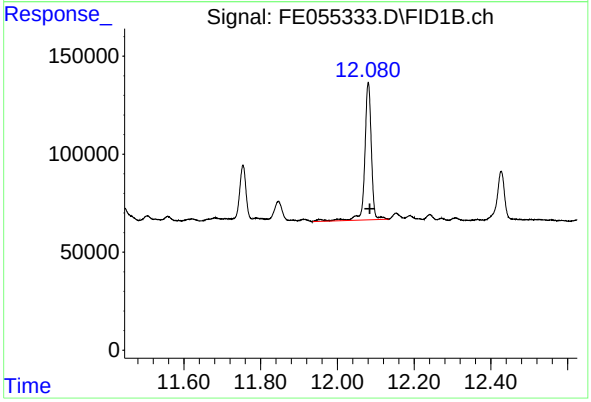
#7 n-Hexadecane (C16)

R.T.: 10.305 min
Delta R.T.: -0.004 min
Response: 252770
Conc: 1.98 ug/ml



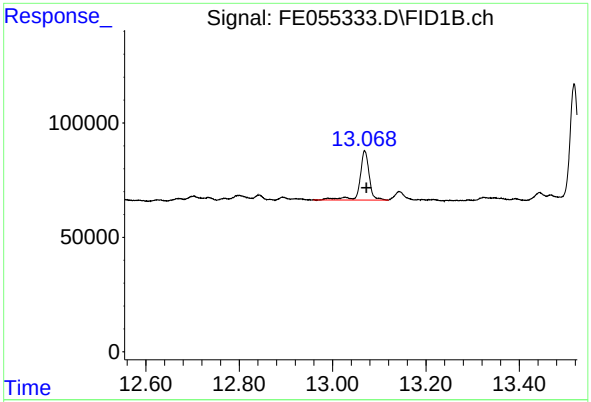
#8 n-Octadecane (C18)

R.T.: 11.754 min
Delta R.T.: -0.004 min
Response: 340049
Conc: 2.61 ug/ml



#9 ortho-Terphenyl (SURR)

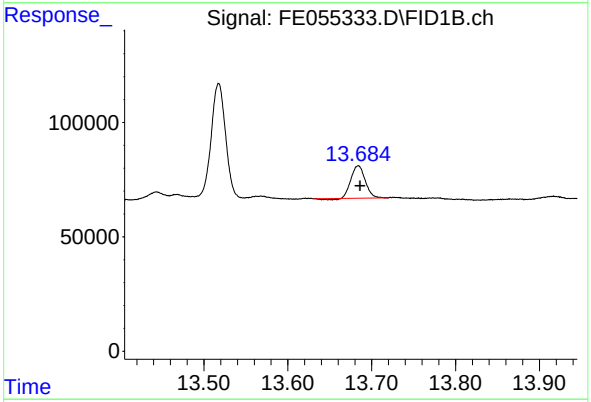
R.T.: 12.081 min
Delta R.T.: -0.003 min
Response: 842788
Conc: 5.90 ug/ml



#10 n-Eicosane (C20)

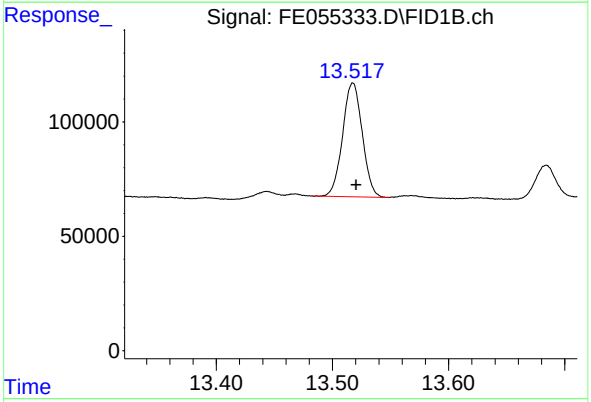
R.T.: 13.069 min
Delta R.T.: -0.003 min
Response: 298627
Conc: 2.38 ug/ml

Instrument :
FID_C
ClientSampleId :



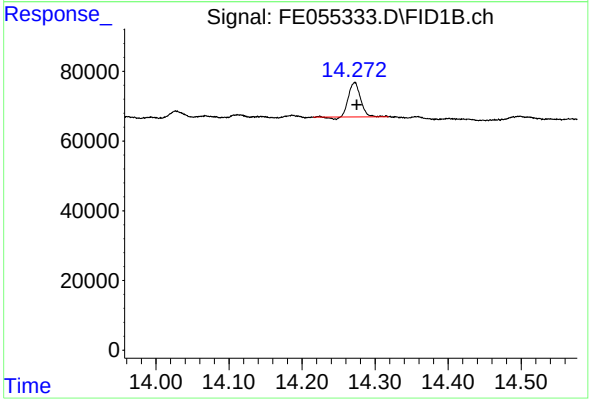
#11 n-Heneicosane (C21)

R.T.: 13.684 min
Delta R.T.: -0.002 min
Response: 164193
Conc: 1.33 ug/ml



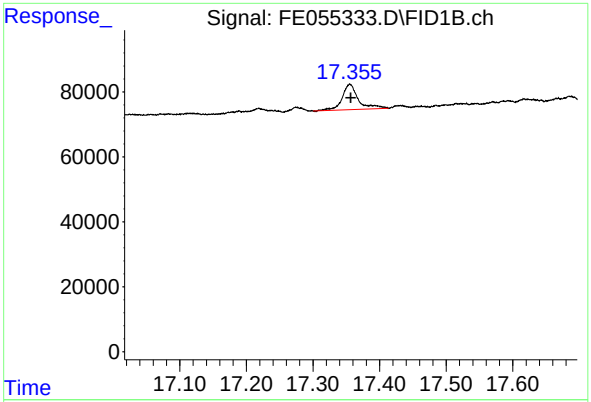
#12 1-chlorooctadecane (SURR)

R.T.: 13.518 min
Delta R.T.: -0.003 min
Response: 584755
Conc: 5.44 ug/ml



#13 n-Docosane (C22)

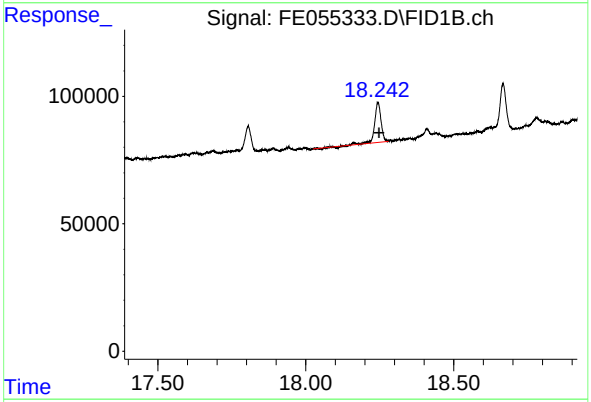
R.T.: 14.272 min
Delta R.T.: -0.003 min
Response: 109853
Conc: 0.90 ug/ml



#16 n-Octacosane (C28)

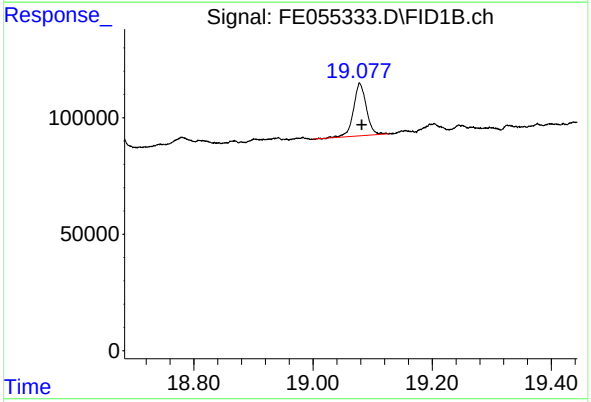
R.T.: 17.355 min
Delta R.T.: -0.002 min
Response: 132751
Conc: 1.12 ug/ml

Instrument :
FID_C
ClientSampleId :



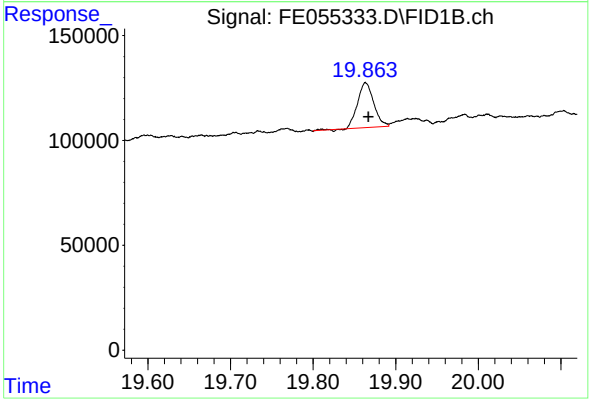
#17 n-Tricontane (C30)

R.T.: 18.244 min
Delta R.T.: -0.004 min
Response: 229356
Conc: 1.86 ug/ml



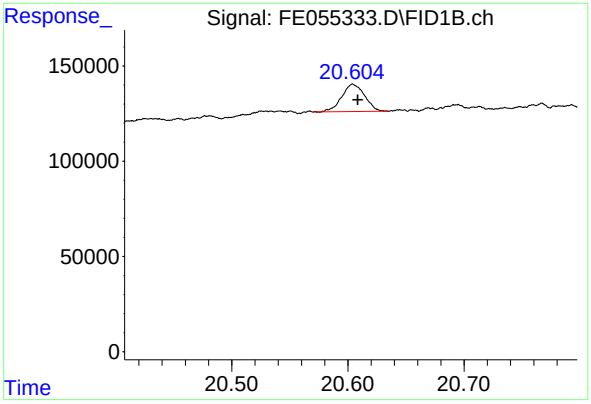
#18 n-Dotriacontane (C32)

R.T.: 19.079 min
Delta R.T.: -0.003 min
Response: 338272
Conc: 2.77 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.864 min
Delta R.T.: -0.003 min
Response: 288633
Conc: 2.47 ug/ml



#20 n-Hexatriacontane (C36)

R.T.:	20.605 min
Delta R.T.:	-0.004 min
Response:	197590
Conc:	1.81 ug/ml

Instrument :
FID_C
ClientSampleId :