Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062725AL\
Data File : FG016164.D
Signal(s) : FID1A.ch
Acq On : 27 Jun 2025 20:03
Operator : YP\AJ
Sample : Q2418-01DL2 100X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :

Integration File: autoint1.e
Quant Time: Jun 28 04:33:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 06:52:22 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)	12.074	331293	2.568 ug/ml
Spiked Amount	50.000		Recovery =	5.14%
12) S	1-chlorooctadecane (S...	13.530	149804	1.487 ug/ml
Spiked Amount	50.000		Recovery =	2.97%
	Target Compounds			
7) T	n-Hexadecane (C16)	10.327	191818	1.685 ug/ml
8) T	n-Octadecane (C18)	11.798	90638	0.779 ug/ml
10) T	n-Eicosane (C20)	13.110	44972	0.395 ug/ml
11) T	n-Heneicosane (C21)	13.751	69395	0.613 ug/ml
13) T	n-Docosane (C22)	14.303	66187	0.582 ug/ml

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

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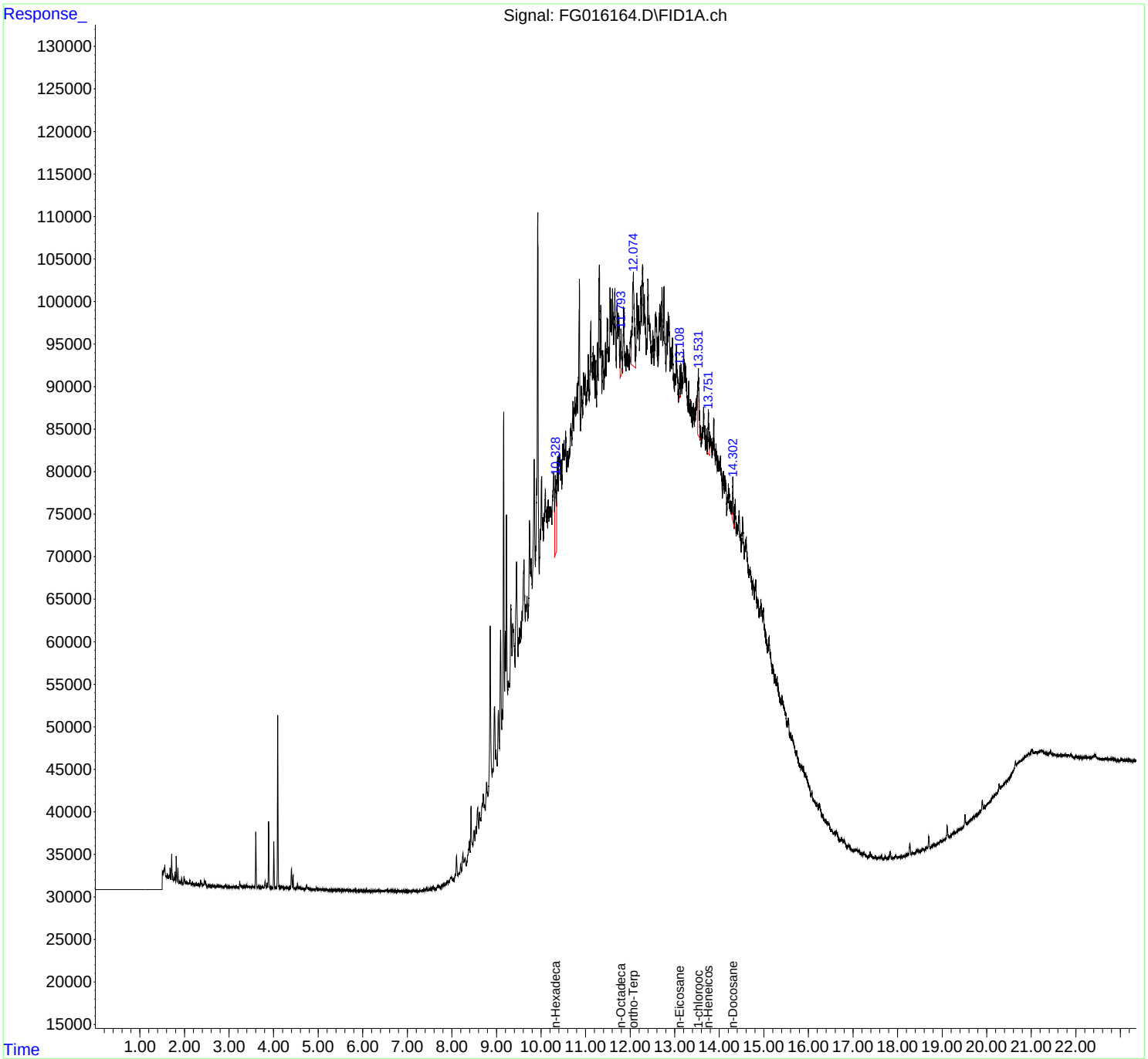
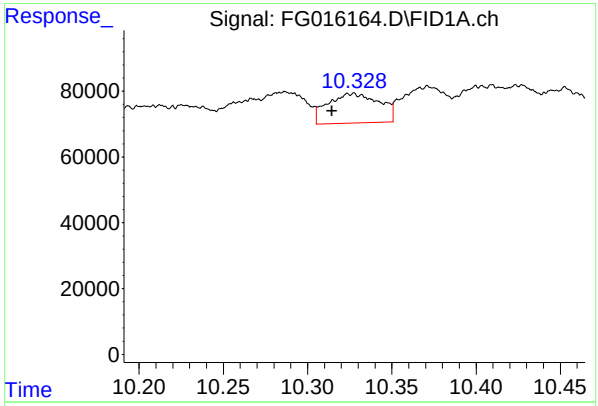
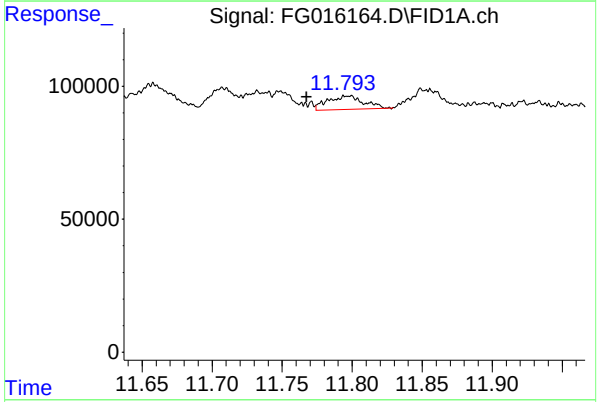




#7 n-Hexadecane (C16)

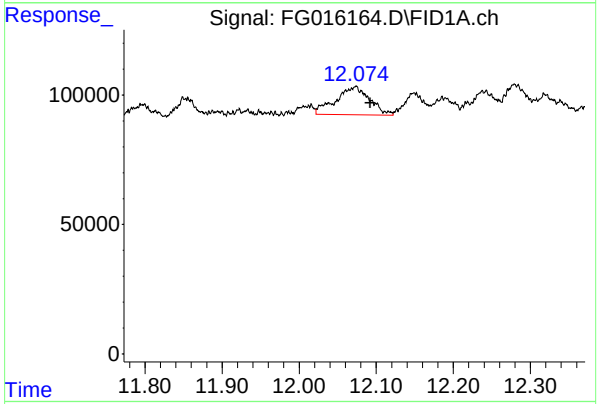
R.T.: 10.327 min
Delta R.T.: 0.012 min
Response: 191818
Conc: 1.69 ug/ml

Instrument :
FID_G
ClientSampleId :



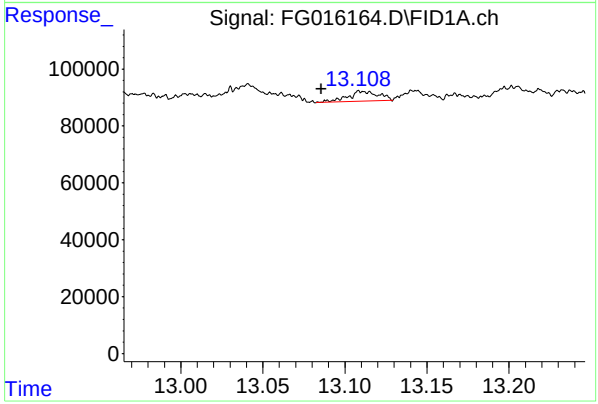
#8 n-Octadecane (C18)

R.T.: 11.798 min
Delta R.T.: 0.031 min
Response: 90638
Conc: 0.78 ug/ml



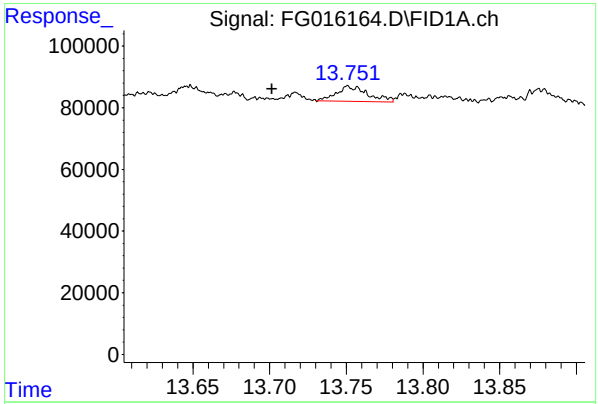
#9 ortho-Terphenyl (SURR)

R.T.: 12.074 min
Delta R.T.: -0.019 min
Response: 331293
Conc: 2.57 ug/ml



#10 n-Eicosane (C20)

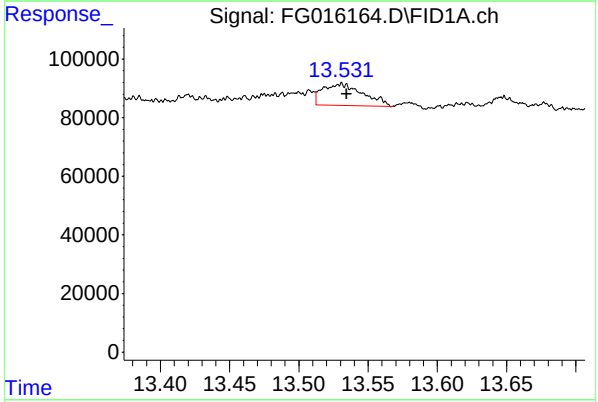
R.T.: 13.110 min
Delta R.T.: 0.024 min
Response: 44972
Conc: 0.40 ug/ml



#11 n-Heneicosane (C21)

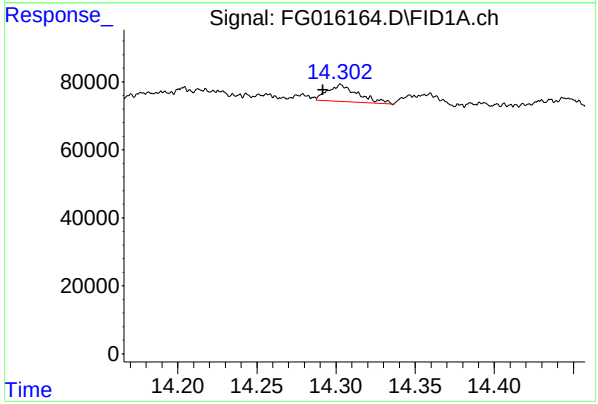
R.T.: 13.751 min
Delta R.T.: 0.049 min
Response: 69395
Conc: 0.61 ug/ml

Instrument :
FID_G
ClientSampleId :



#12 1-chlorooctadecane (SURR)

R.T.: 13.530 min
Delta R.T.: -0.004 min
Response: 149804
Conc: 1.49 ug/ml



#13 n-Docosane (C22)

R.T.: 14.303 min
Delta R.T.: 0.011 min
Response: 66187
Conc: 0.58 ug/ml