Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110923AL\
Data File : FC065082.D
Signal(s) : FID1A.ch
Acq On : 09 Nov 2023 20:43
Operator : YP/AJ
Sample : 05393-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :

Integration File: autoint1.e
Quant Time: Nov 09 22:31:47 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
Quant Title : GC Extractables
QLast Update : Sat Oct 28 02:12:00 2023
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			
12) S	1-chlorooctadecane (S...	12.944	8949058	56.609 ug/ml
Spiked Amount	50.000		Recovery =	113.22%
	Target Compounds			
5) T	A~2-methylnaphthalene...	6.996	55717	0.303 ug/ml
6) T	n-Tetradecane (C14)	8.167	273141	1.448 ug/ml
7) T	n-Hexadecane (C16)	9.762	394747	2.088 ug/ml
8) T	n-Octadecane (C18)	11.196	287823	1.525 ug/ml
10) T	n-Eicosane (C20)	12.498	171864	0.956 ug/ml
13) T	n-Docosane (C22)	13.691	117876	0.686 ug/ml
14) T	n-Tetracosane (C24)	14.791	125196	0.752 ug/ml
15) T	n-Hexacosane (C26)	15.807	79543	0.496 ug/ml
16) T	n-Octacosane (C28)	16.752	70995	0.454 ug/ml
17) T	n-Tricontane (C30)	17.635	83694	0.528 ug/ml
18) T	n-Dotriacontane (C32)	18.464	76811	0.486 ug/ml
19) T	n-Tetratriacontane (C34)	19.243	51737	0.339 ug/ml
20) T	n-Hexatriacontane (C36)	19.979	64041	0.424 ug/ml
21) T	n-Octatriacontane (C38)	20.699	83311	0.560 ug/ml

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

Quantitation Report (Not Reviewed)

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Instrument :
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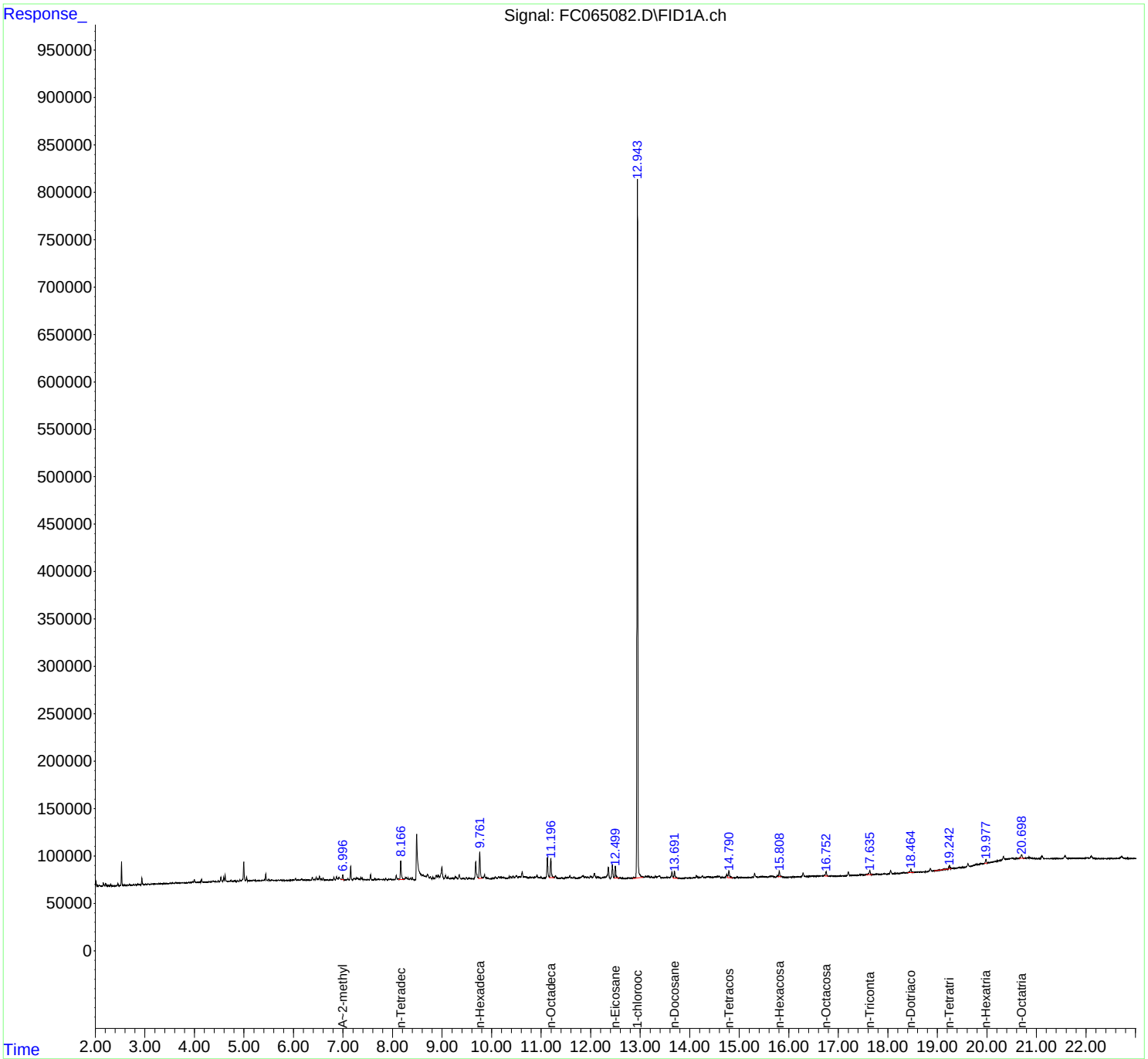
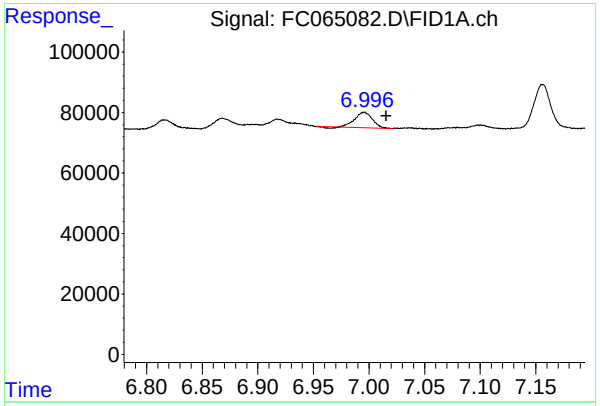
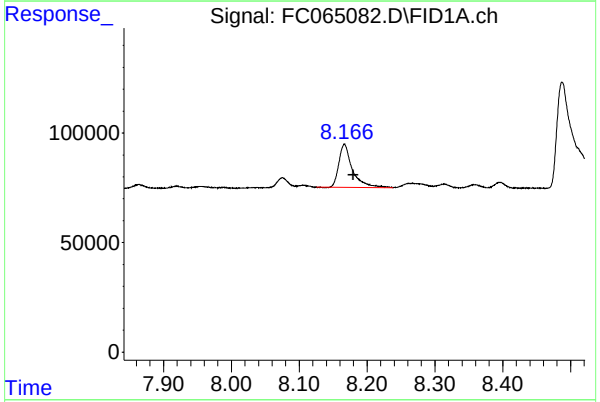




#5 A~2-methylnaphthalene (C12.89)

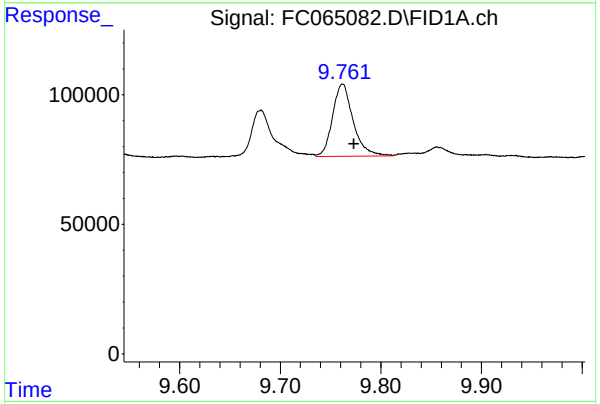
R.T.: 6.996 min
Delta R.T.: -0.020 min
Response: 55717
Conc: 0.30 ug/ml

Instrument :
FID_C
ClientSampleId :



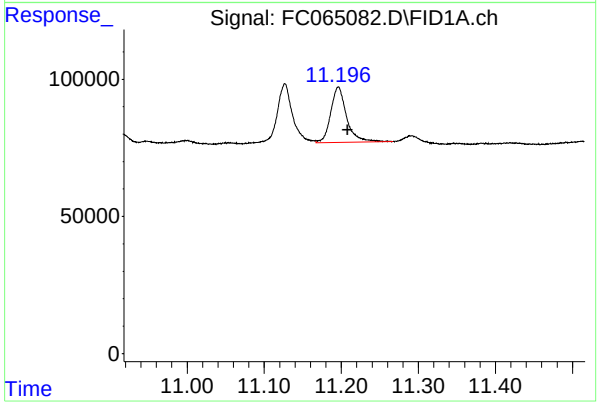
#6 n-Tetradecane (C14)

R.T.: 8.167 min
Delta R.T.: -0.013 min
Response: 273141
Conc: 1.45 ug/ml



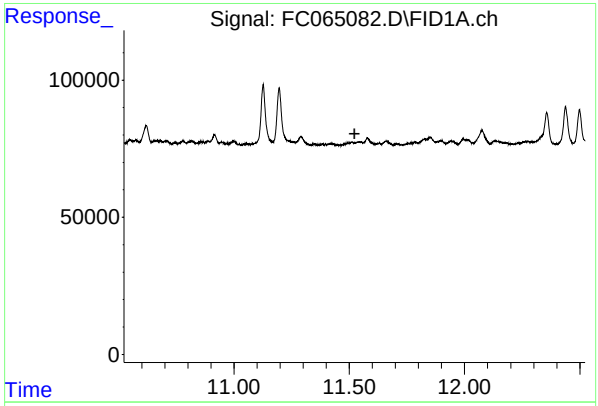
#7 n-Hexadecane (C16)

R.T.: 9.762 min
Delta R.T.: -0.011 min
Response: 394747
Conc: 2.09 ug/ml



#8 n-Octadecane (C18)

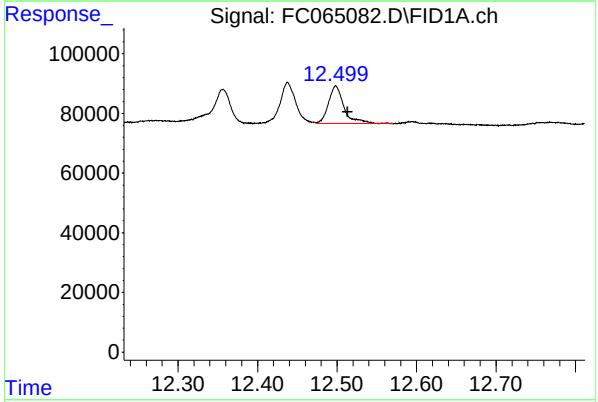
R.T.: 11.196 min
Delta R.T.: -0.012 min
Response: 287823
Conc: 1.53 ug/ml



#9 ortho-Terphenyl (SURR)

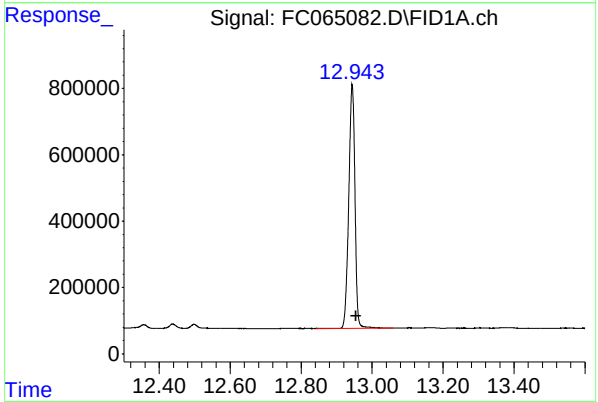
R.T.: 0.000 min
Exp R.T. : 11.523 min
Response: 0
Conc: N.D.

Instrument :
FID_C
ClientSampleId :



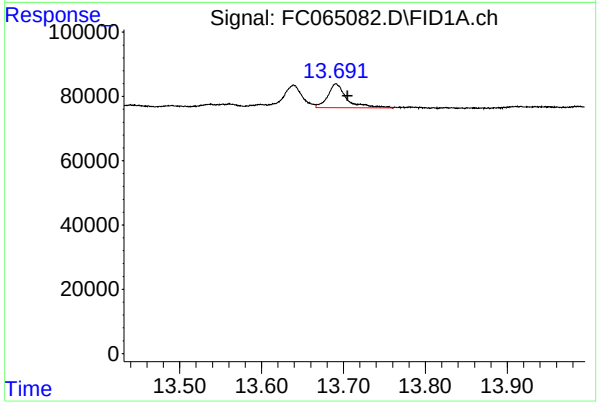
#10 n-Eicosane (C20)

R.T.: 12.498 min
Delta R.T.: -0.015 min
Response: 171864
Conc: 0.96 ug/ml



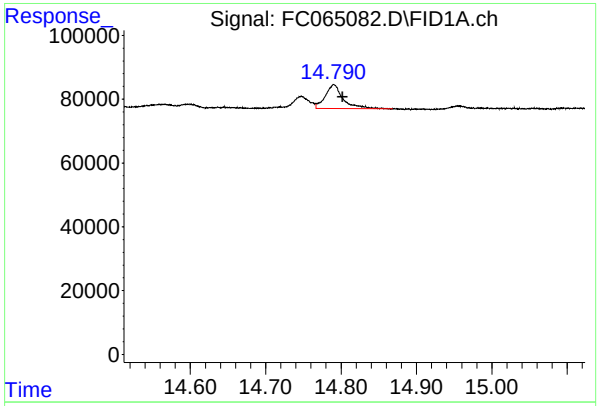
#12 1-chlorooctadecane (SURR)

R.T.: 12.944 min
Delta R.T.: -0.011 min
Response: 8949058
Conc: 56.61 ug/ml



#13 n-Docosane (C22)

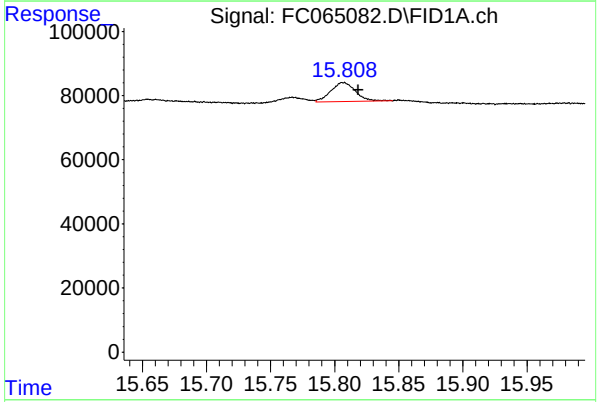
R.T.: 13.691 min
Delta R.T.: -0.015 min
Response: 117876
Conc: 0.69 ug/ml



#14 n-Tetracosane (C24)

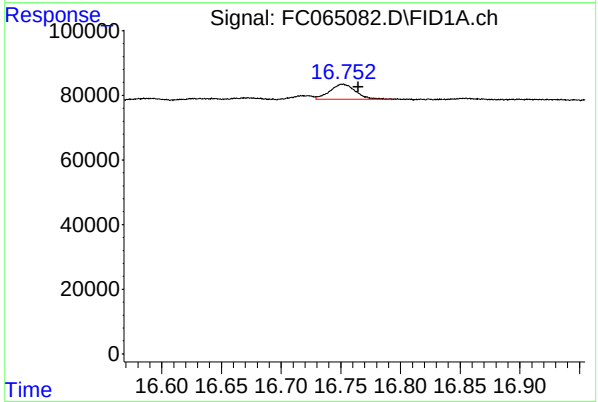
R.T.: 14.791 min
Delta R.T.: -0.012 min
Response: 125196
Conc: 0.75 ug/ml

Instrument :
FID_C
ClientSampleId :



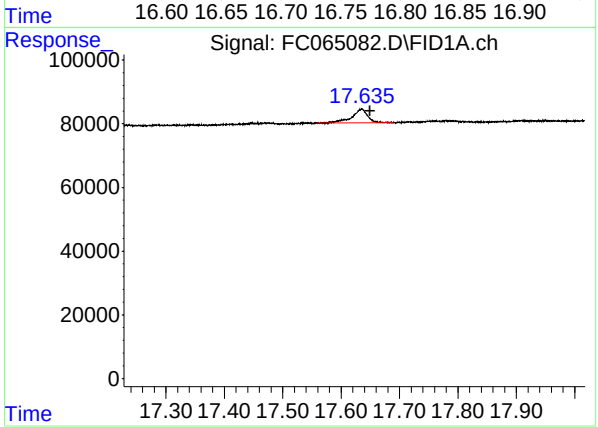
#15 n-Hexacosane (C26)

R.T.: 15.807 min
Delta R.T.: -0.012 min
Response: 79543
Conc: 0.50 ug/ml



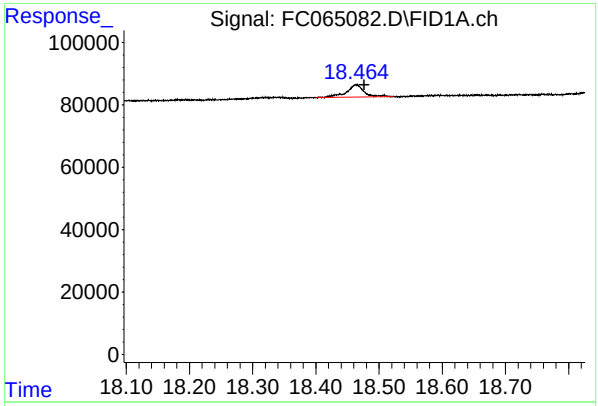
#16 n-Octacosane (C28)

R.T.: 16.752 min
Delta R.T.: -0.013 min
Response: 70995
Conc: 0.45 ug/ml



#17 n-Tricontane (C30)

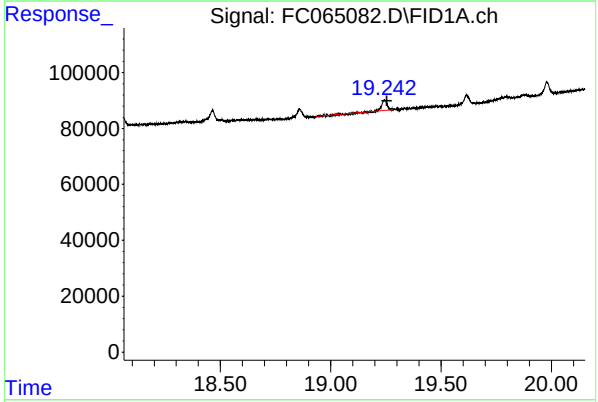
R.T.: 17.635 min
Delta R.T.: -0.014 min
Response: 83694
Conc: 0.53 ug/ml



#18 n-Dotriacontane (C32)

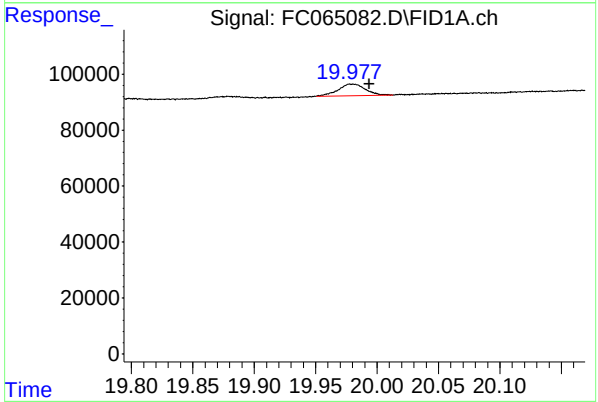
R.T.: 18.464 min
Delta R.T.: -0.013 min
Response: 76811
Conc: 0.49 ug/ml

Instrument :
FID_C
ClientSampleId :



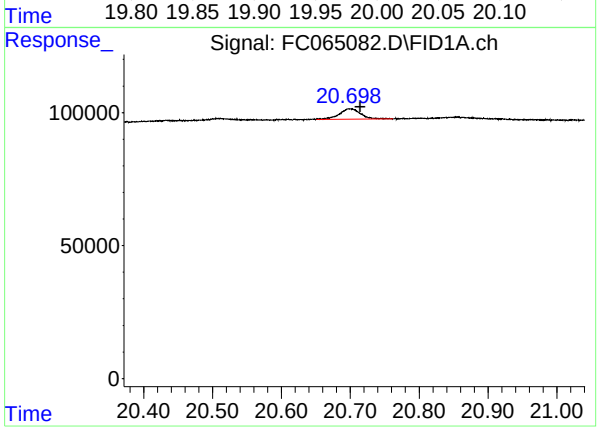
#19 n-Tetratriacontane (C34)

R.T.: 19.243 min
Delta R.T.: -0.013 min
Response: 51737
Conc: 0.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.979 min
Delta R.T.: -0.015 min
Response: 64041
Conc: 0.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.699 min
Delta R.T.: -0.015 min
Response: 83311
Conc: 0.56 ug/ml