Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111623AL\
Data File : FC065170.D
Signal(s) : FID1A.ch
Acq On : 16 Nov 2023 18:44
Operator : YP/AJ
Sample : 05432-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Nov 16 23:21:08 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			
9)	S ortho-Terphenyl (SURR)	11.506	3142767	14.280 ug/ml
	Spiked Amount 50.000		Recovery = 28.56%	
12)	S 1-chlorooctadecane (S...	12.938	2235591	14.142 ug/ml
	Spiked Amount 50.000		Recovery = 28.28%	
	Target Compounds			
1)	T n-Nonane (C9)	3.269f	108866	0.576 ug/ml
6)	T n-Tetradecane (C14)	8.135	21733	0.115 ug/ml
10)	T n-Eicosane (C20)	12.496	60336	0.336 ug/ml
11)	T n-Heneicosane (C21)	13.106	24572	0.140 ug/ml
13)	T n-Docosane (C22)	13.684	108360	0.631 ug/ml
14)	T n-Tetracosane (C24)	14.786	257321	1.545 ug/ml
15)	T n-Hexacosane (C26)	15.801	139884	0.872 ug/ml
16)	T n-Octacosane (C28)	16.759	317340	2.028 ug/ml
17)	T n-Tricontane (C30)	17.666	164591	1.039 ug/ml
18)	T n-Dotriacontane (C32)	18.484	18833	0.119 ug/ml
19)	T n-Tetratriacontane (C34)	19.264	180824	1.185 ug/ml
20)	T n-Hexatriacontane (C36)	19.990	169457	1.123 ug/ml
21)	T n-Octatriacontane (C38)	20.699	69932	0.470 ug/ml
22)	T n-Tetracontane (C40)	21.583	144197	0.980 ug/ml

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

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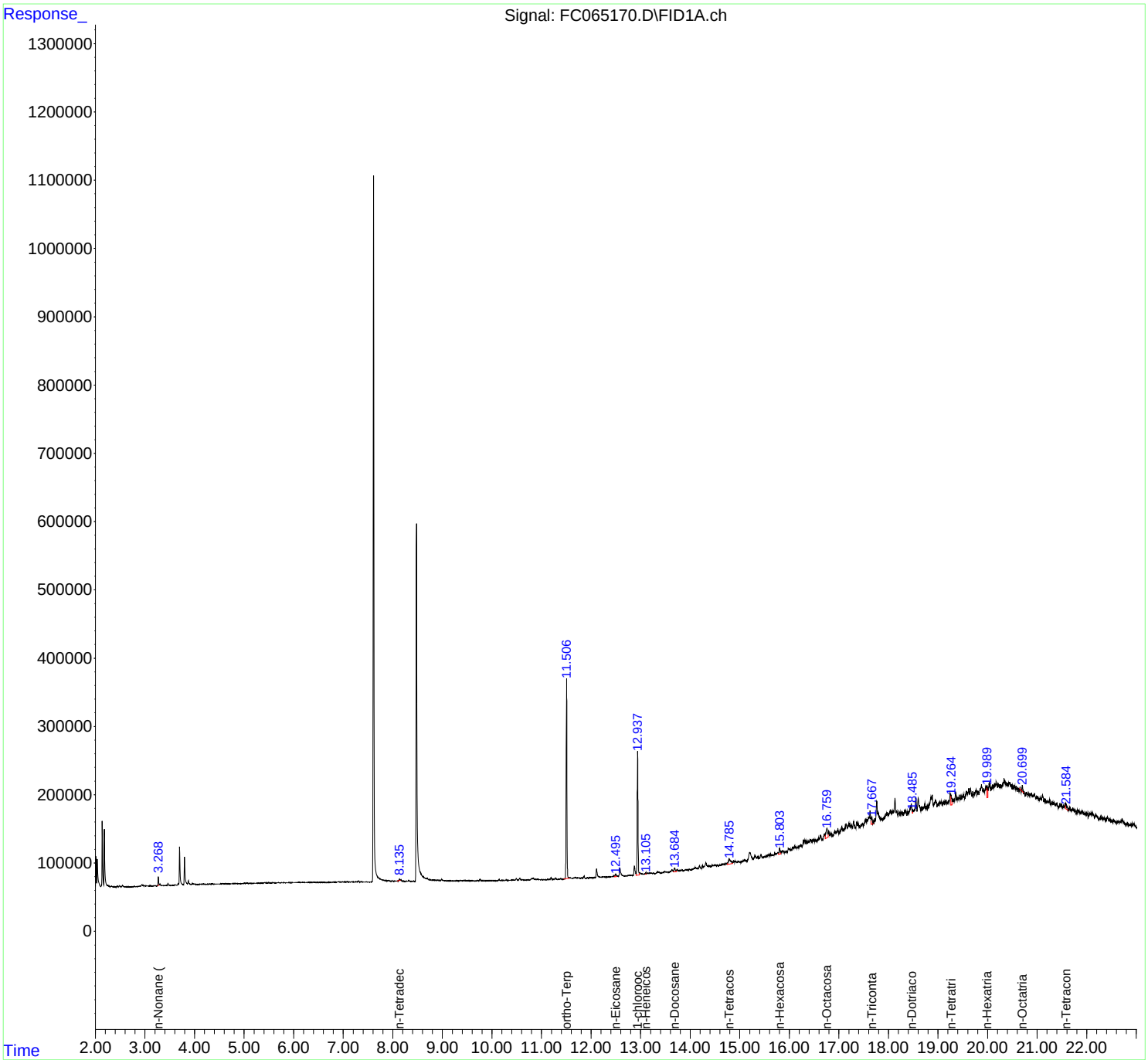
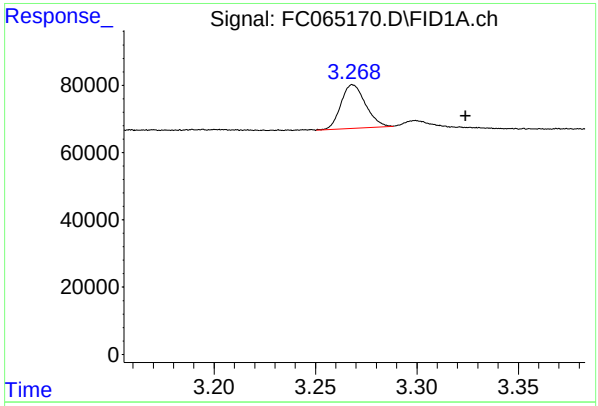
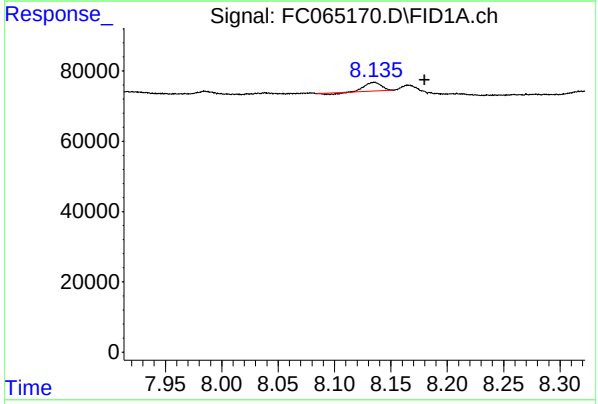




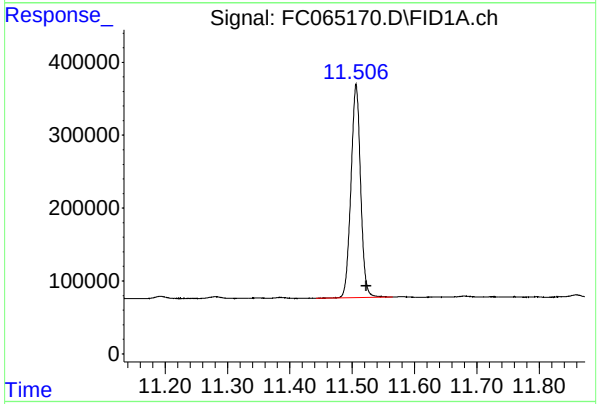
#1 n-Nonane (C9)

R.T.: 3.269 min
Delta R.T.: -0.055 min
Response: 108866
Conc: 0.58 ug/ml



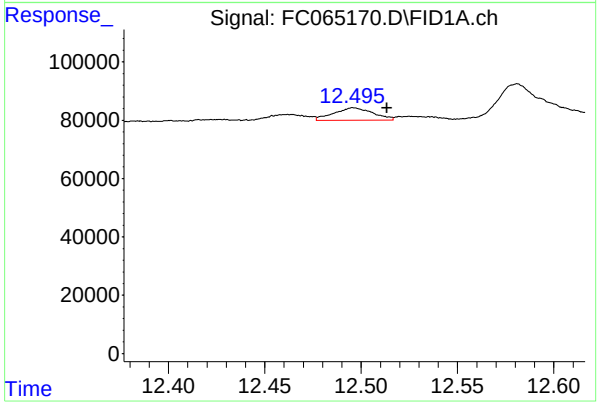
#6 n-Tetradecane (C14)

R.T.: 8.135 min
Delta R.T.: -0.044 min
Response: 21733
Conc: 0.12 ug/ml



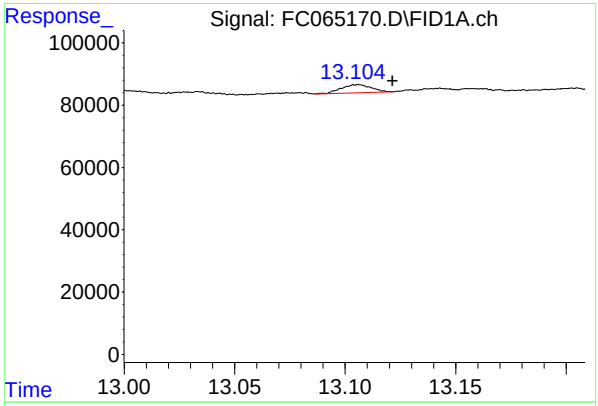
#9 ortho-Terphenyl (SURR)

R.T.: 11.506 min
Delta R.T.: -0.016 min
Response: 3142767
Conc: 14.28 ug/ml



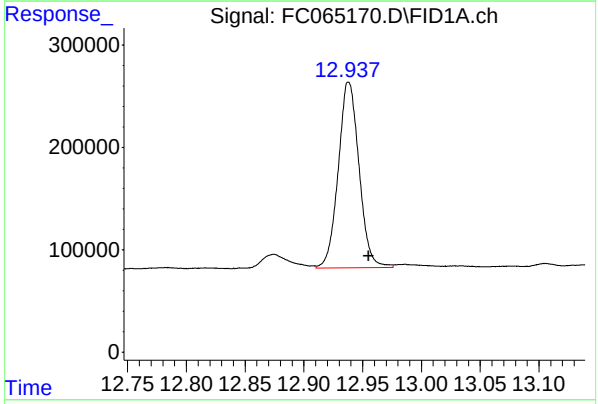
#10 n-Eicosane (C20)

R.T.: 12.496 min
Delta R.T.: -0.017 min
Response: 60336
Conc: 0.34 ug/ml



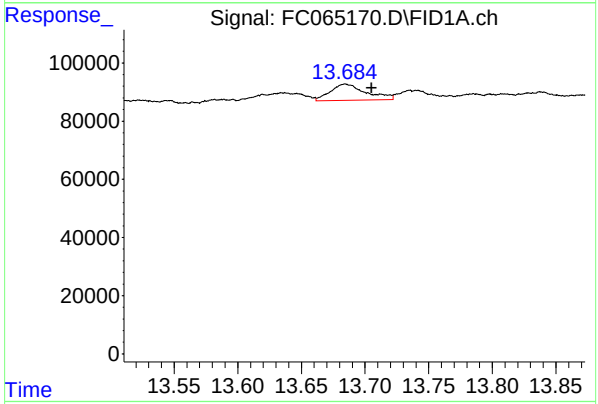
#11 n-Heneicosane (C21)

R.T.: 13.106 min
Delta R.T.: -0.016 min
Response: 24572
Conc: 0.14 ug/ml



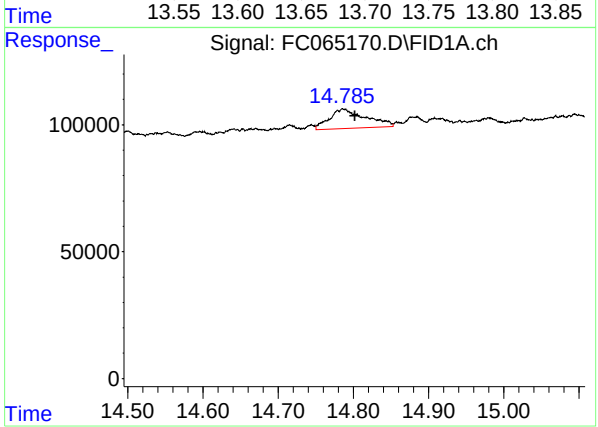
#12 1-chlorooctadecane (SURR)

R.T.: 12.938 min
Delta R.T.: -0.017 min
Response: 2235591
Conc: 14.14 ug/ml



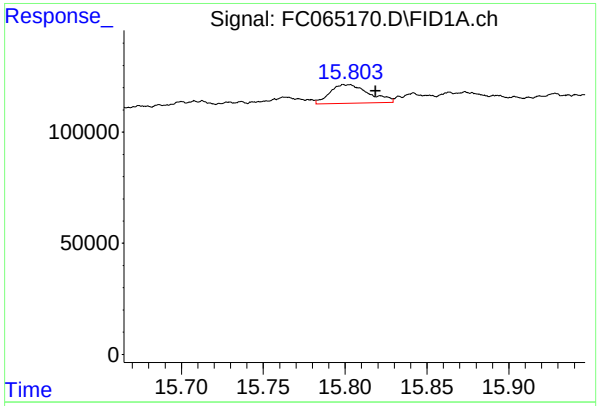
#13 n-Docosane (C22)

R.T.: 13.684 min
Delta R.T.: -0.021 min
Response: 108360
Conc: 0.63 ug/ml



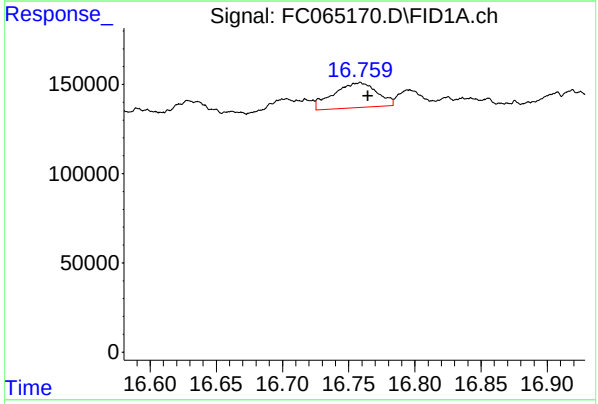
#14 n-Tetracosane (C24)

R.T.: 14.786 min
Delta R.T.: -0.016 min
Response: 257321
Conc: 1.54 ug/ml



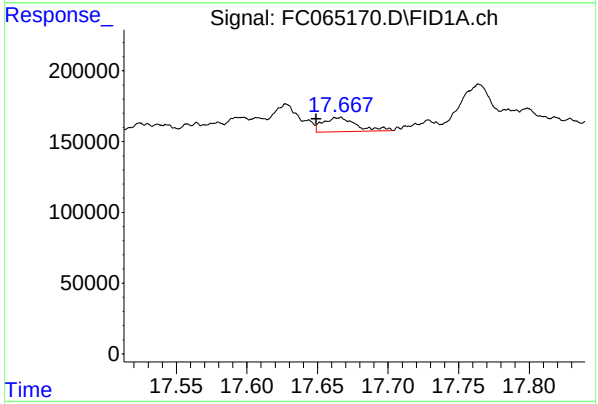
#15 n-Hexacosane (C26)

R.T.: 15.801 min
Delta R.T.: -0.017 min
Response: 139884
Conc: 0.87 ug/ml



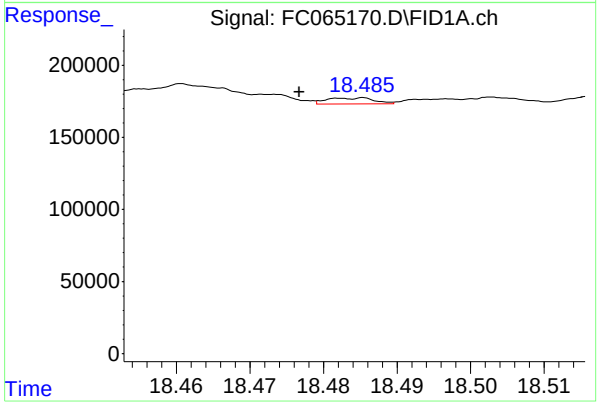
#16 n-Octacosane (C28)

R.T.: 16.759 min
Delta R.T.: -0.006 min
Response: 317340
Conc: 2.03 ug/ml



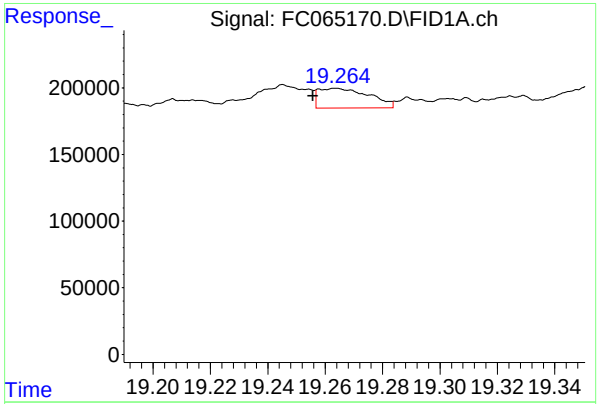
#17 n-Tricontane (C30)

R.T.: 17.666 min
Delta R.T.: 0.017 min
Response: 164591
Conc: 1.04 ug/ml



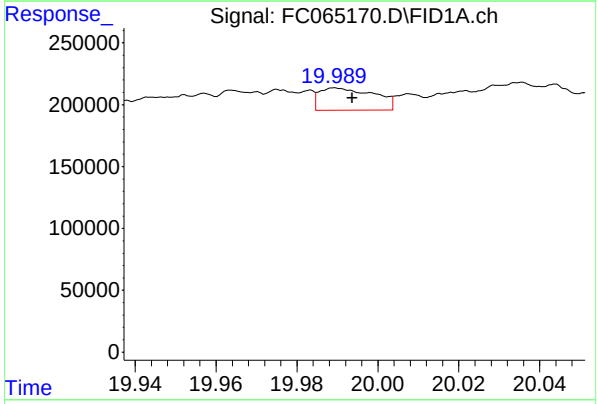
#18 n-Dotriacontane (C32)

R.T.: 18.484 min
Delta R.T.: 0.007 min
Response: 18833
Conc: 0.12 ug/ml



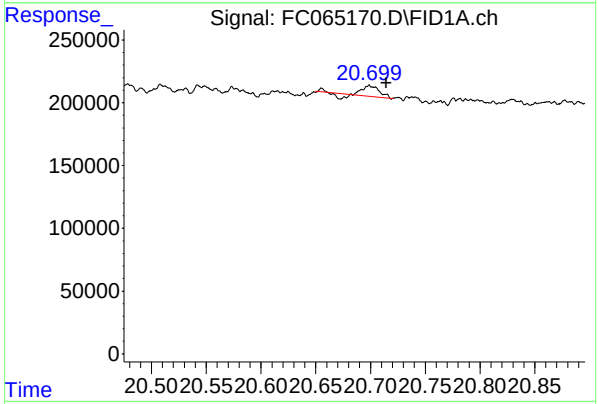
#19 n-Tetratriacontane (C34)

R.T.: 19.264 min
Delta R.T.: 0.008 min
Response: 180824
Conc: 1.18 ug/ml



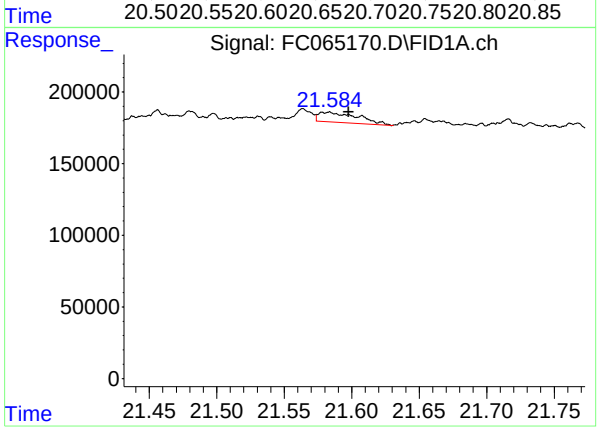
#20 n-Hexatriacontane (C36)

R.T.: 19.990 min
Delta R.T.: -0.004 min
Response: 169457
Conc: 1.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.699 min
Delta R.T.: -0.015 min
Response: 69932
Conc: 0.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.583 min
Delta R.T.: -0.014 min
Response: 144197
Conc: 0.98 ug/ml