Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121421AL\
Data File : FG009265.D
Signal(s) : FID1A.ch
Acq On : 15 Dec 2021 08:32
Operator : AJ\MA
Sample : M5017-52DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Dec 15 09:14:39 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 121421.M
Quant Title : GC Extractables
QLast Update : Tue Dec 14 16:39:19 2021
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)	10.749	3002509	19.824 ug/ml
Spiked Amount	50.000		Recovery =	39.65%
12) S	1-chlorooctadecane (S...	12.194	2426785	20.427 ug/ml
Spiked Amount	50.000		Recovery =	40.85%
	Target Compounds			
6) T	n-Tetradecane (C14)	7.393	21608	0.168 ug/ml
8) T	n-Octadecane (C18)	10.416	6091	0.044 ug/ml
10) T	n-Eicosane (C20)	11.747	56584	0.407 ug/ml
11) T	n-Heneicosane (C21)	12.359	32295	0.224 ug/ml
13) T	n-Docosane (C22)	12.988	142093	0.986 ug/ml
14) T	n-Tetracosane (C24)	14.046	397013	2.691 ug/ml
15) T	n-Hexacosane (C26)	15.078	21878	0.148 ug/ml
16) T	n-Octacosane (C28)	16.037	86635	0.586 ug/ml
17) T	n-Tricontane (C30)	16.916	196939	1.365 ug/ml
18) T	n-Dotriacontane (C32)	17.773	11797	0.087 ug/ml
19) T	n-Tetratriacontane (C34)	18.539	58080	0.452 ug/ml
20) T	n-Hexatriacontane (C36)	19.325	37480	0.308 ug/ml
21) T	n-Octatriacontane (C38)	19.978	5022	0.043 ug/ml
22) T	n-Tetracontane (C40)	20.917f	21767	0.194 ug/ml

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

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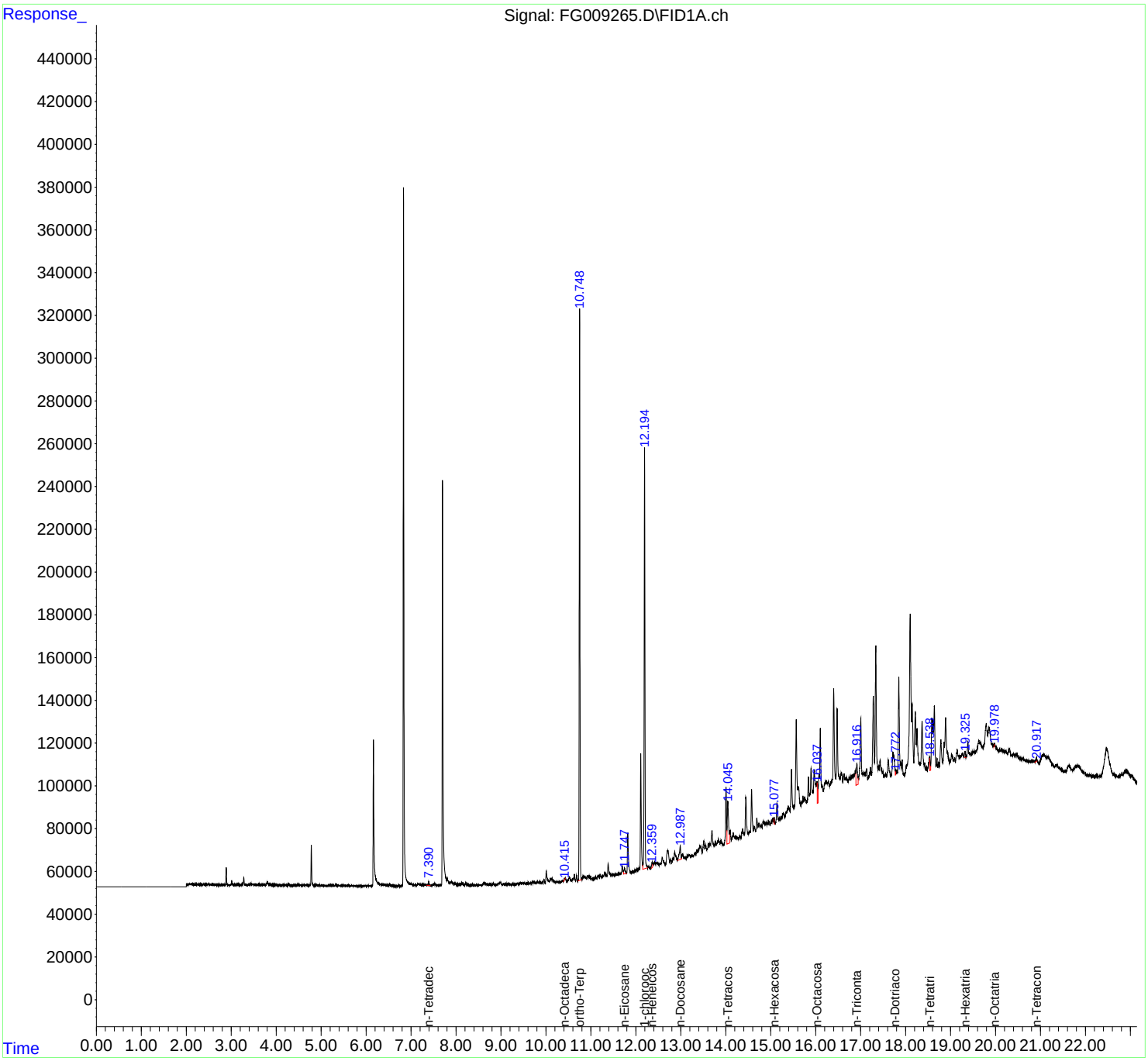
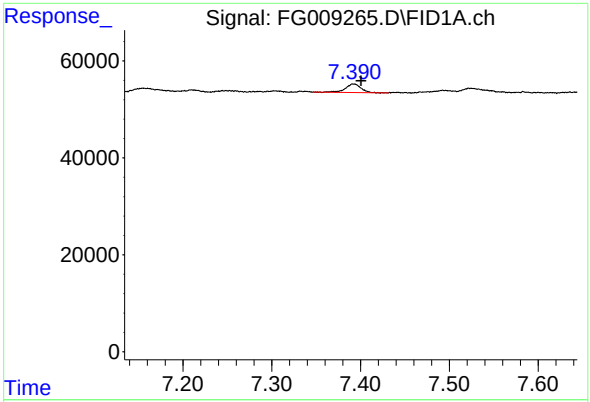
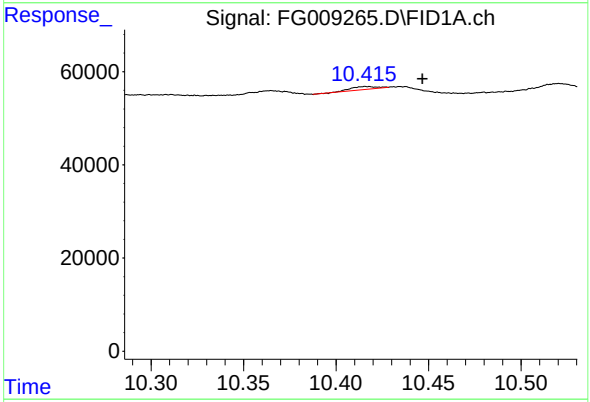
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





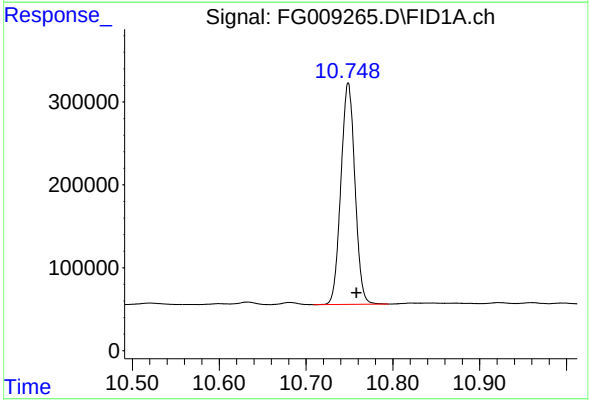
#6 n-Tetradecane (C14)

R.T.: 7.393 min
Delta R.T.: -0.007 min
Response: 21608
Conc: 0.17 ug/ml



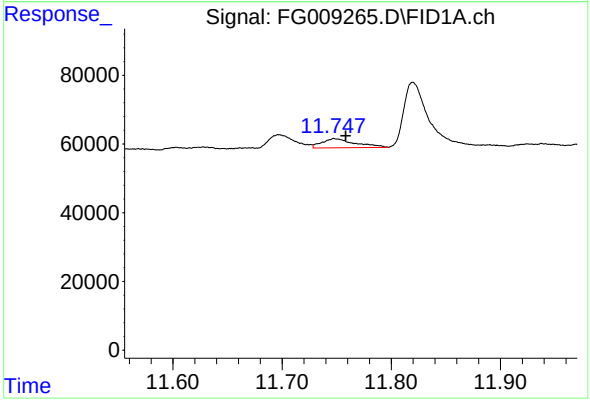
#8 n-Octadecane (C18)

R.T.: 10.416 min
Delta R.T.: -0.031 min
Response: 6091
Conc: 0.04 ug/ml



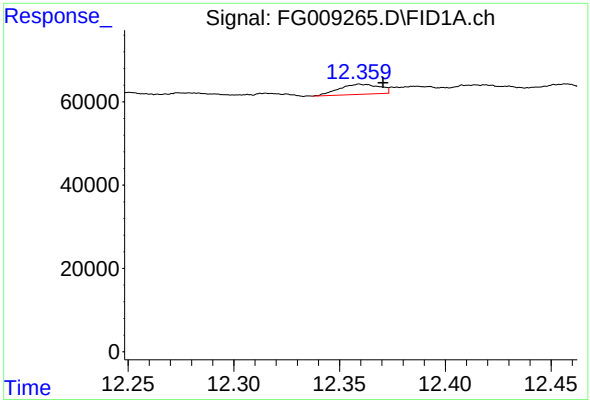
#9 ortho-Terphenyl (SURR)

R.T.: 10.749 min
Delta R.T.: -0.009 min
Response: 3002509
Conc: 19.82 ug/ml



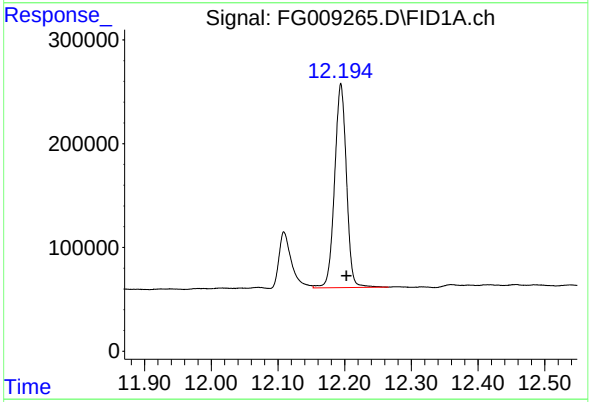
#10 n-Eicosane (C20)

R.T.: 11.747 min
Delta R.T.: -0.011 min
Response: 56584
Conc: 0.41 ug/ml



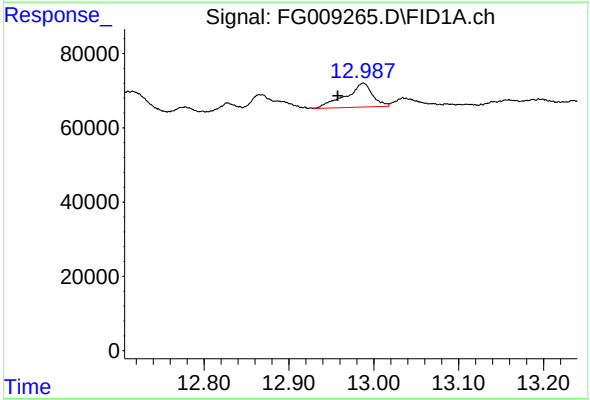
#11 n-Heneicosane (C21)

R.T.: 12.359 min
Delta R.T.: -0.011 min
Response: 32295
Conc: 0.22 ug/ml



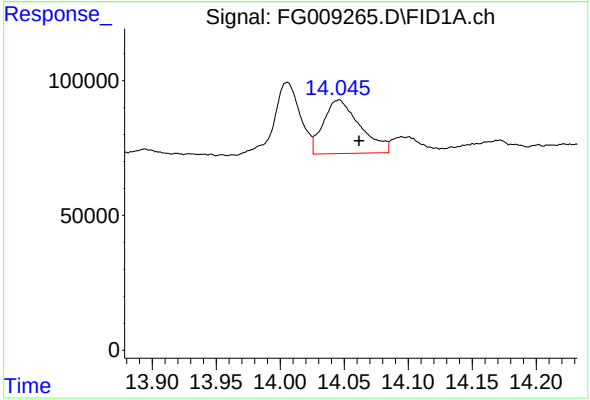
#12 1-chlorooctadecane (SURR)

R.T.: 12.194 min
Delta R.T.: -0.009 min
Response: 2426785
Conc: 20.43 ug/ml



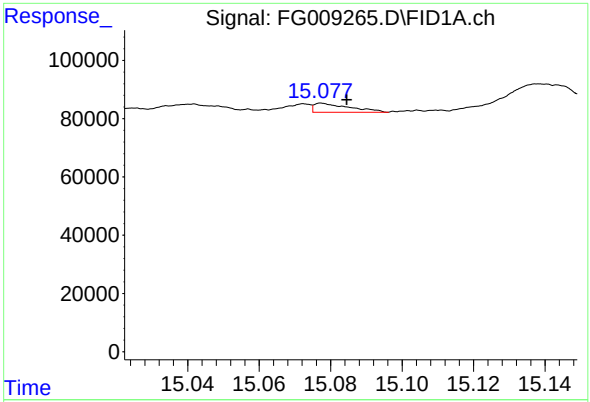
#13 n-Docosane (C22)

R.T.: 12.988 min
Delta R.T.: 0.030 min
Response: 142093
Conc: 0.99 ug/ml



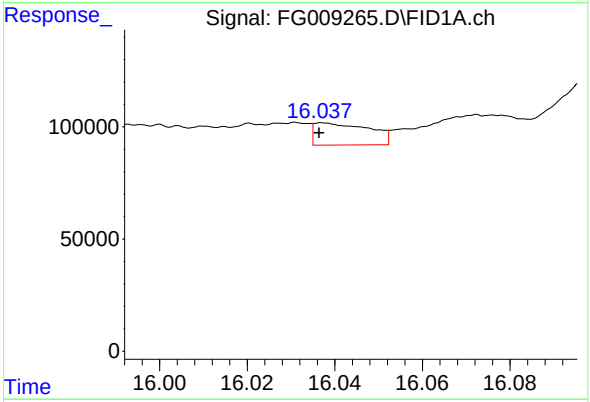
#14 n-Tetracosane (C24)

R.T.: 14.046 min
Delta R.T.: -0.015 min
Response: 397013
Conc: 2.69 ug/ml



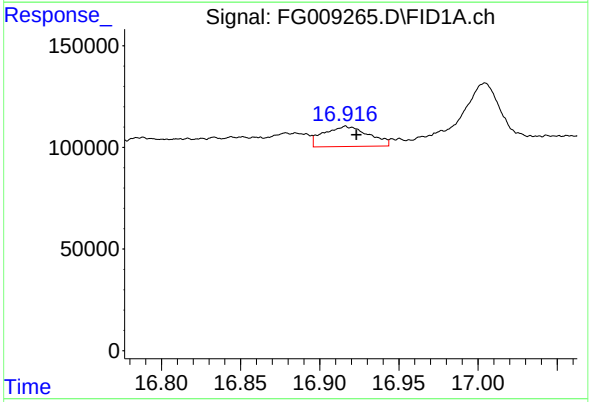
#15 n-Hexacosane (C26)

R.T.: 15.078 min
Delta R.T.: -0.007 min
Response: 21878
Conc: 0.15 ug/ml



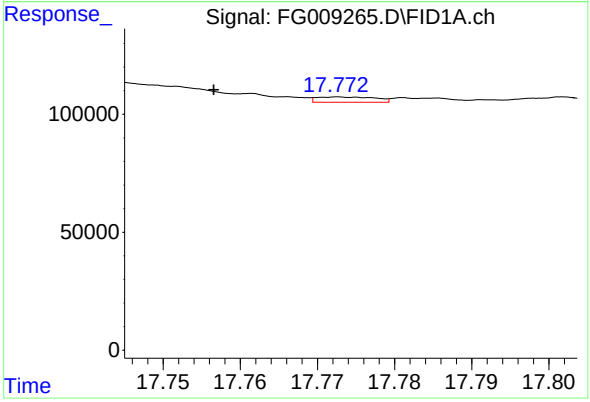
#16 n-Octacosane (C28)

R.T.: 16.037 min
Delta R.T.: 0.000 min
Response: 86635
Conc: 0.59 ug/ml



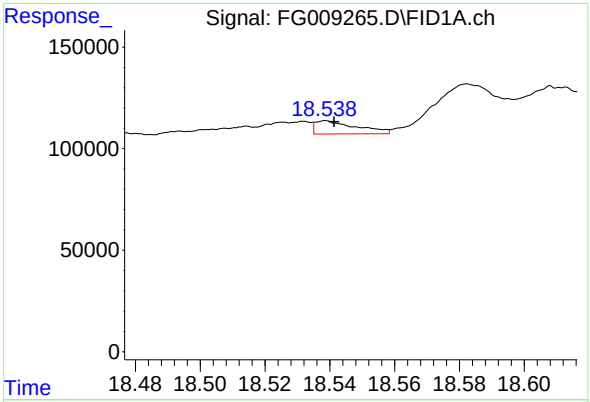
#17 n-Tricontane (C30)

R.T.: 16.916 min
Delta R.T.: -0.007 min
Response: 196939
Conc: 1.37 ug/ml



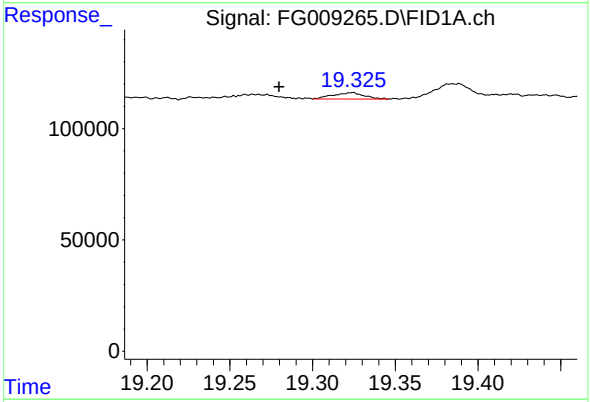
#18 n-Dotriacontane (C32)

R.T.: 17.773 min
Delta R.T.: 0.016 min
Response: 11797
Conc: 0.09 ug/ml



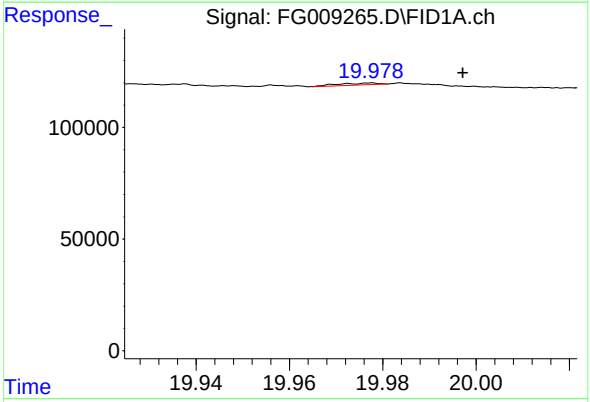
#19 n-Tetratriacontane (C34)

R.T.: 18.539 min
Delta R.T.: -0.002 min
Response: 58080
Conc: 0.45 ug/ml



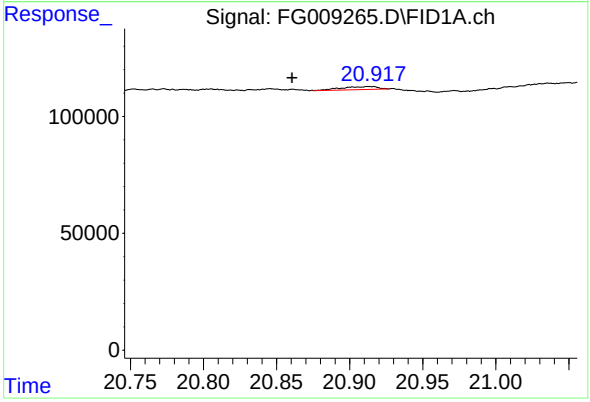
#20 n-Hexatriacontane (C36)

R.T.: 19.325 min
Delta R.T.: 0.045 min
Response: 37480
Conc: 0.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.978 min
Delta R.T.: -0.020 min
Response: 5022
Conc: 0.04 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.917 min
Delta R.T.: 0.056 min
Response: 21767
Conc: 0.19 ug/ml