Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050224AL\
Data File : FE047952.D
Signal(s) : FID1B.ch
Acq On : 03 May 2024 03:53
Operator : YP\AJ
Sample : P2337-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: May 03 04:38:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
Quant Title : GC Extractables
QLast Update : Mon Apr 29 03:29:12 2024
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)	11.973	6447255	44.690 ug/ml
	Spiked Amount 50.000		Recovery = 89.38%	
12)	S 1-chlorooctadecane (S...	13.408	3513291	31.441 ug/ml
	Spiked Amount 50.000		Recovery = 62.88%	
	Target Compounds			
3)	T A~Naphthalene (C11.7)	6.377f	153289	1.110 ug/ml
6)	T n-Tetradecane (C14)	8.602	95083	0.717 ug/ml
7)	T n-Hexadecane (C16)	10.213	919566	6.686 ug/ml
8)	T n-Octadecane (C18)	11.624	1182691	8.490 ug/ml
10)	T n-Eicosane (C20)	12.958	155350	1.154 ug/ml
11)	T n-Heneicosane (C21)	13.572	185099	1.398 ug/ml
13)	T n-Docosane (C22)	14.158	650734	4.910 ug/ml
14)	T n-Tetracosane (C24)	15.243	232336	1.745 ug/ml
15)	T n-Hexacosane (C26)	16.278	32063	0.240 ug/ml
16)	T n-Octacosane (C28)	17.225	196599	1.477 ug/ml
17)	T n-Tricontane (C30)	18.116	396128	2.870 ug/ml
18)	T n-Dotriacontane (C32)	18.939	231130	1.673 ug/ml
19)	T n-Tetratriacontane (C34)	19.728	38927	0.286 ug/ml
20)	T n-Hexatriacontane (C36)	20.498	35596	0.263 ug/ml

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

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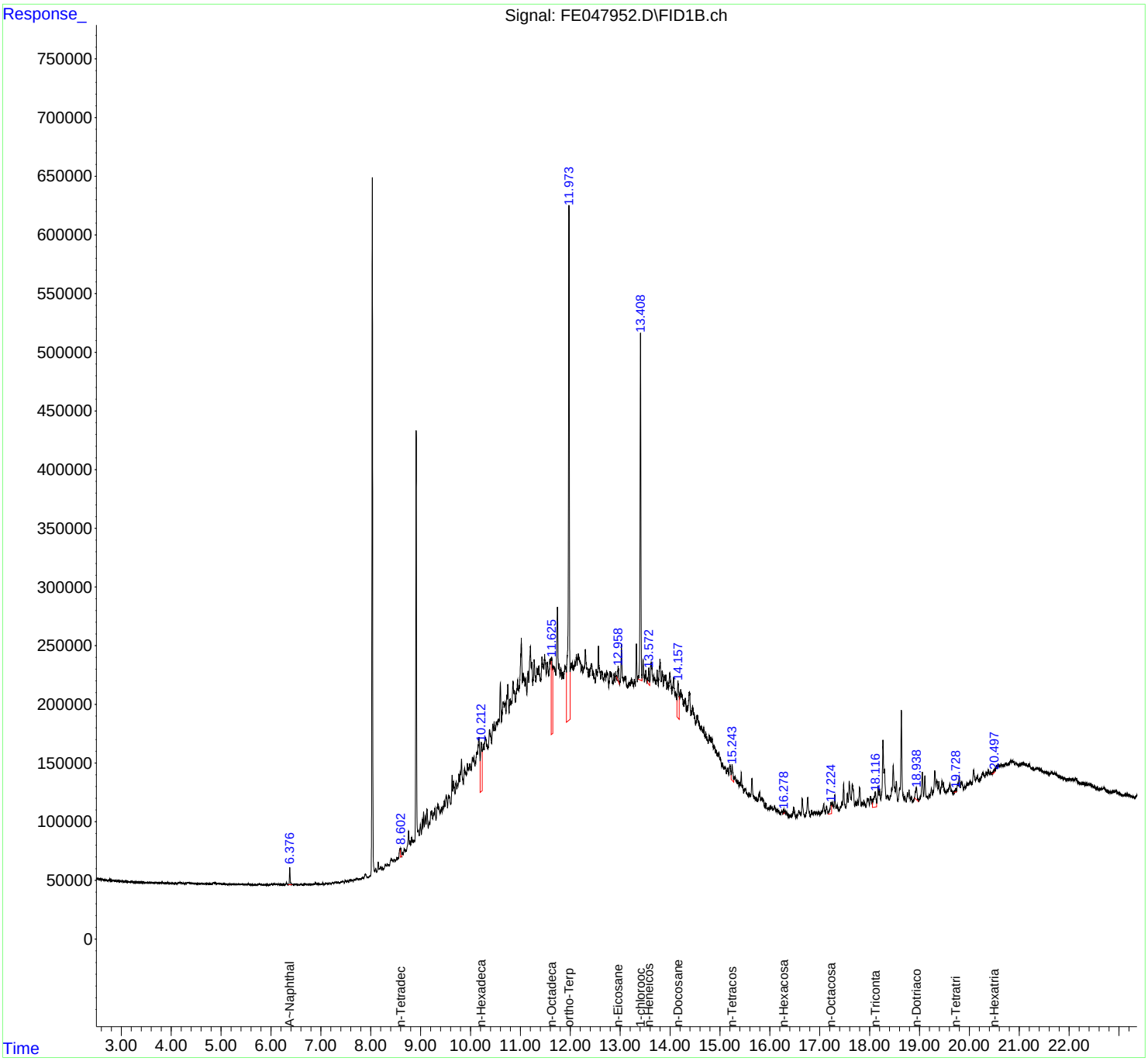
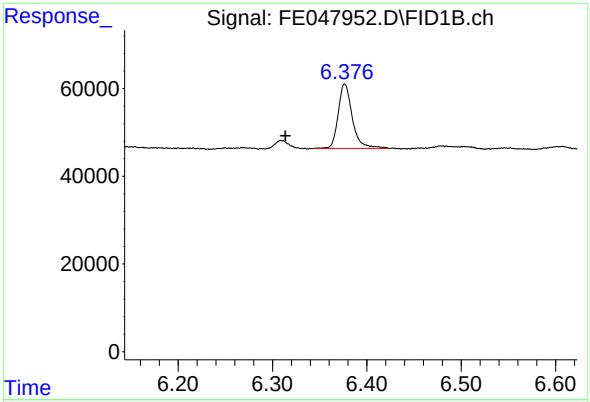
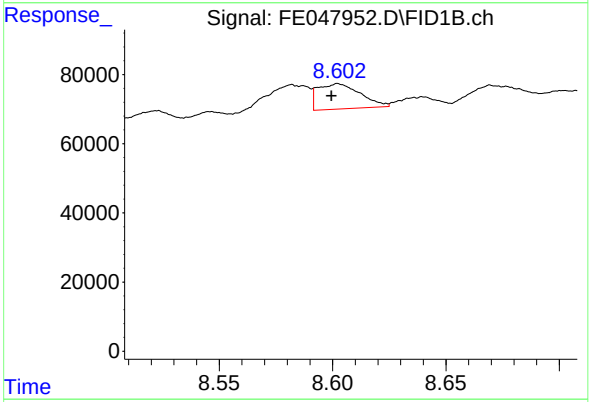




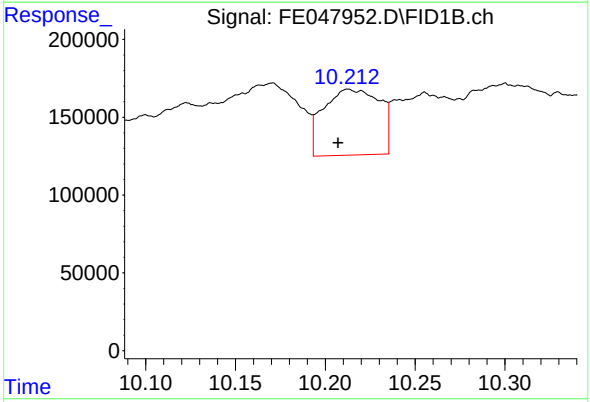
#3 A~Naphthalene (C11.7)

R.T.: 6.377 min
Delta R.T.: 0.063 min
Response: 153289
Conc: 1.11 ug/ml



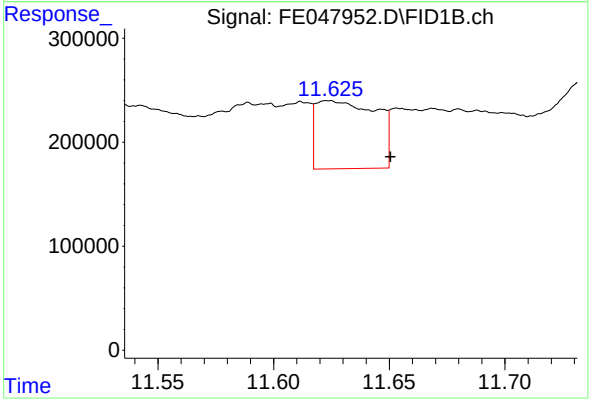
#6 n-Tetradecane (C14)

R.T.: 8.602 min
Delta R.T.: 0.003 min
Response: 95083
Conc: 0.72 ug/ml



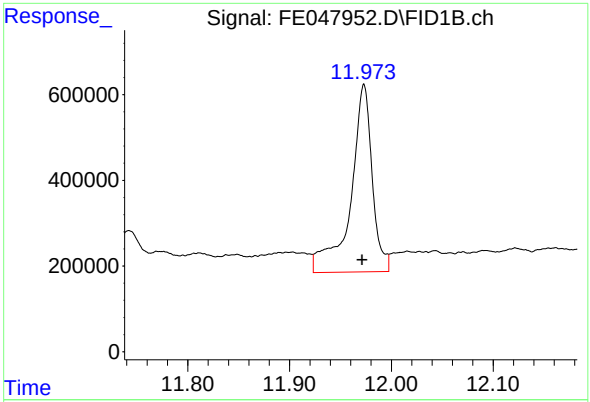
#7 n-Hexadecane (C16)

R.T.: 10.213 min
Delta R.T.: 0.006 min
Response: 919566
Conc: 6.69 ug/ml



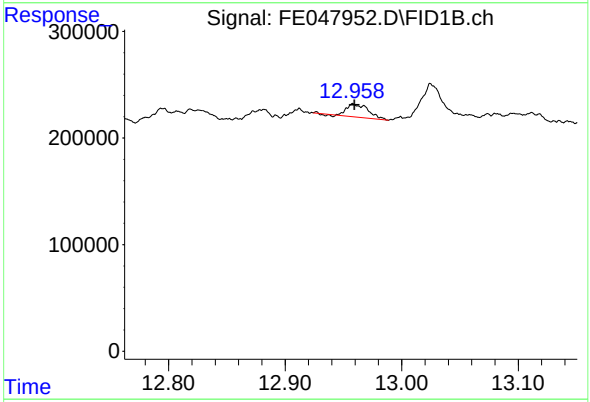
#8 n-Octadecane (C18)

R.T.: 11.624 min
Delta R.T.: -0.027 min
Response: 1182691
Conc: 8.49 ug/ml



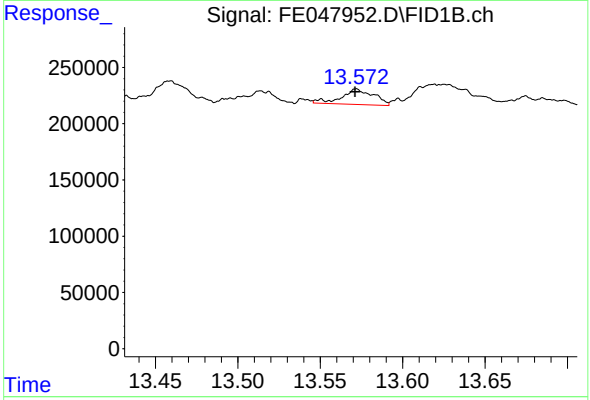
#9 ortho-Terphenyl (SURR)

R.T.: 11.973 min
Delta R.T.: 0.002 min
Response: 6447255
Conc: 44.69 ug/ml



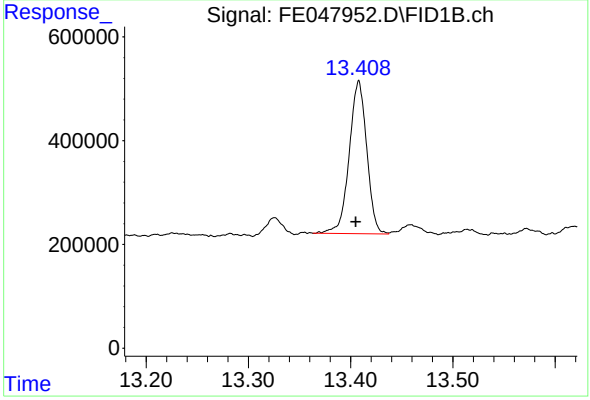
#10 n-Eicosane (C20)

R.T.: 12.958 min
Delta R.T.: -0.001 min
Response: 155350
Conc: 1.15 ug/ml



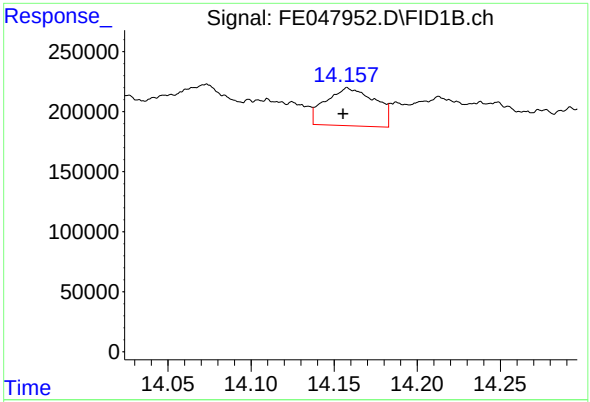
#11 n-Heneicosane (C21)

R.T.: 13.572 min
Delta R.T.: 0.000 min
Response: 185099
Conc: 1.40 ug/ml



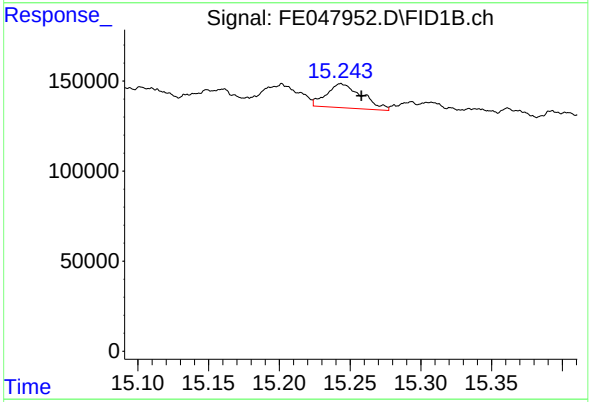
#12 1-chlorooctadecane (SURR)

R.T.: 13.408 min
Delta R.T.: 0.003 min
Response: 3513291
Conc: 31.44 ug/ml



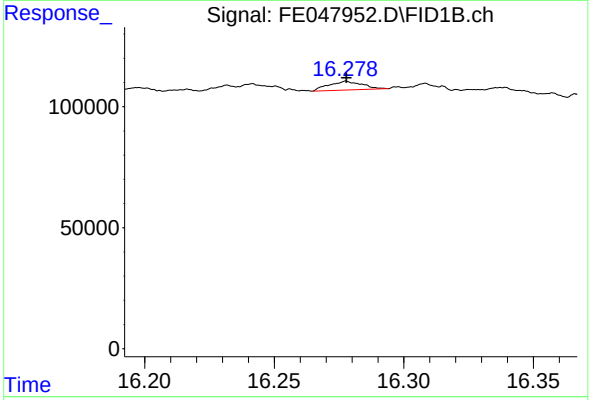
#13 n-Docosane (C22)

R.T.: 14.158 min
Delta R.T.: 0.003 min
Response: 650734
Conc: 4.91 ug/ml



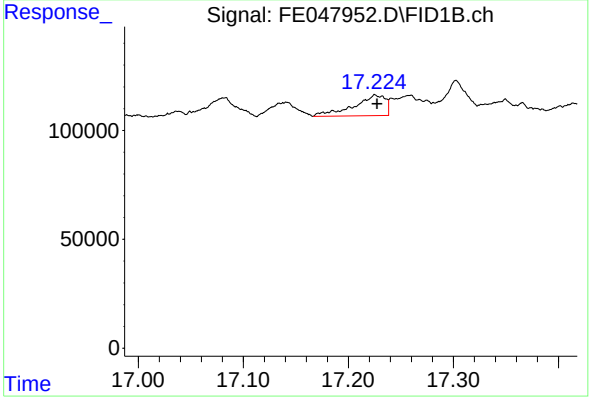
#14 n-Tetracosane (C24)

R.T.: 15.243 min
Delta R.T.: -0.014 min
Response: 232336
Conc: 1.74 ug/ml



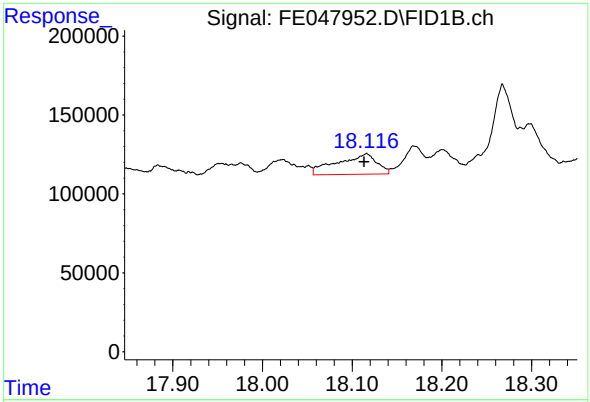
#15 n-Hexacosane (C26)

R.T.: 16.278 min
Delta R.T.: 0.000 min
Response: 32063
Conc: 0.24 ug/ml



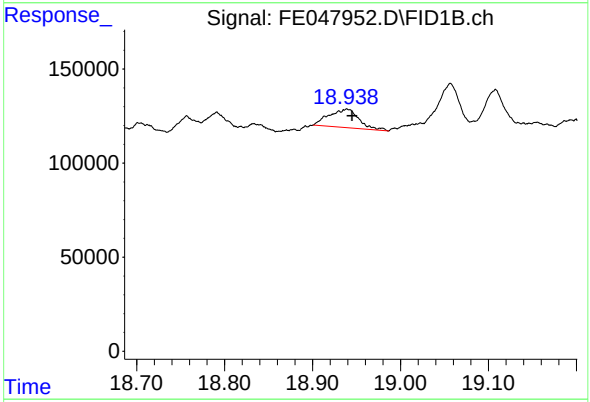
#16 n-Octacosane (C28)

R.T.: 17.225 min
Delta R.T.: -0.002 min
Response: 196599
Conc: 1.48 ug/ml



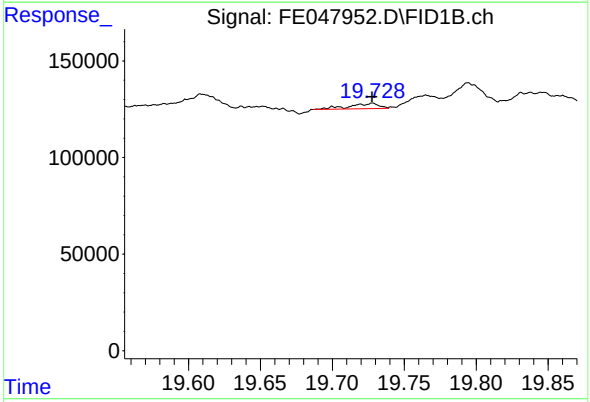
#17 n-Tricontane (C30)

R.T.: 18.116 min
Delta R.T.: 0.003 min
Response: 396128
Conc: 2.87 ug/ml



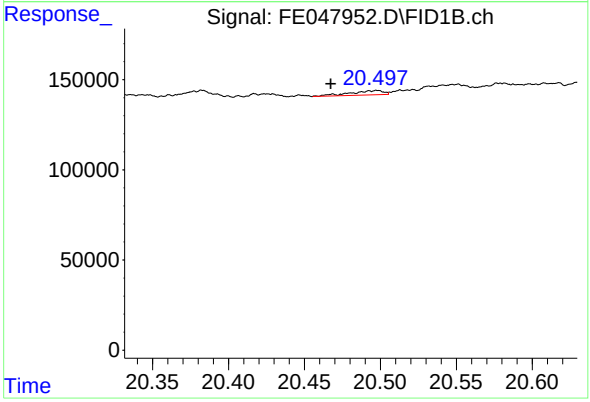
#18 n-Dotriacontane (C32)

R.T.: 18.939 min
Delta R.T.: -0.006 min
Response: 231130
Conc: 1.67 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.728 min
Delta R.T.: 0.000 min
Response: 38927
Conc: 0.29 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.498 min
Delta R.T.: 0.031 min
Response: 35596
Conc: 0.26 ug/ml