Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022724AL\
Data File : FE046949.D
Signal(s) : FID1B.ch
Acq On : 27 Feb 2024 18:33
Operator : YP\AJ
Sample : P1602-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Feb 28 04:50:37 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
Quant Title : GC Extractables
QLast Update : Tue Feb 20 11:04:00 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)	11.795	5841170	35.552	ug/ml
Spiked Amount	50.000		Recovery =	71.10%	
12)	S 1-chlorooctadecane (S...	13.236	4983802	40.486	ug/ml
Spiked Amount	50.000		Recovery =	80.97%	
	Target Compounds				
3)	T A~Naphthalene (C11.7)	6.155	187657	1.191	ug/ml
5)	T A~2-methylnaphthalene...	7.260	38161	0.266	ug/ml
8)	T n-Octadecane (C18)	11.433	13023	0.082	ug/ml
10)	T n-Eicosane (C20)	12.784	173530	1.146	ug/ml
11)	T n-Heneicosane (C21)	13.402	40414	0.273	ug/ml
13)	T n-Docosane (C22)	14.036	285811	1.964	ug/ml
14)	T n-Tetracosane (C24)	15.098	1322442	9.260	ug/ml
15)	T n-Hexacosane (C26)	16.176f	27210	0.195	ug/ml
16)	T n-Octacosane (C28)	17.107	145976	1.071	ug/ml
17)	T n-Tricontane (C30)	17.950	28256	0.203	ug/ml
18)	T n-Dotriacontane (C32)	18.779	24737	0.180	ug/ml
19)	T n-Tetratriacontane (C34)	19.572	47026	0.350	ug/ml
20)	T n-Hexatriacontane (C36)	20.315	106441	0.799	ug/ml
21)	T n-Octatriacontane (C38)	21.030	27465	0.199	ug/ml

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

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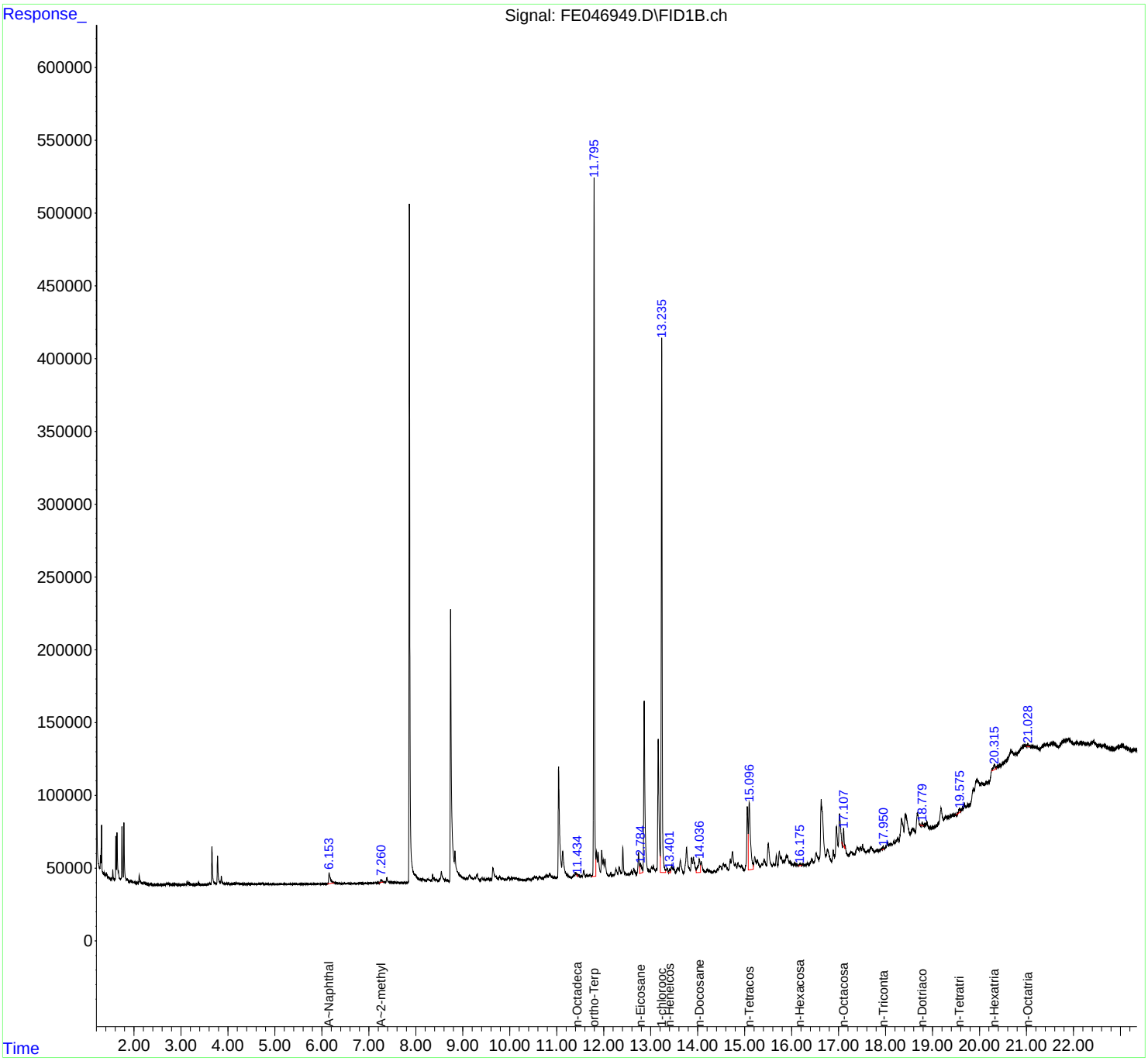
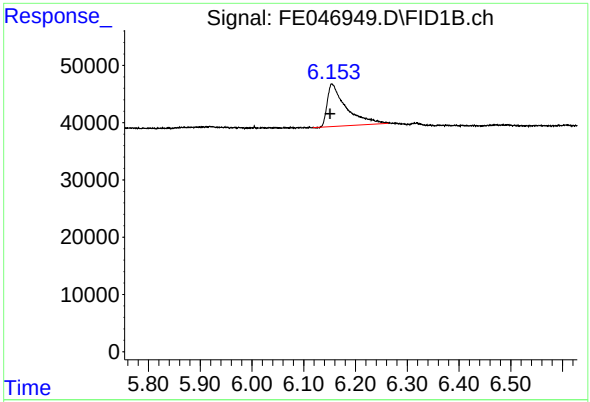
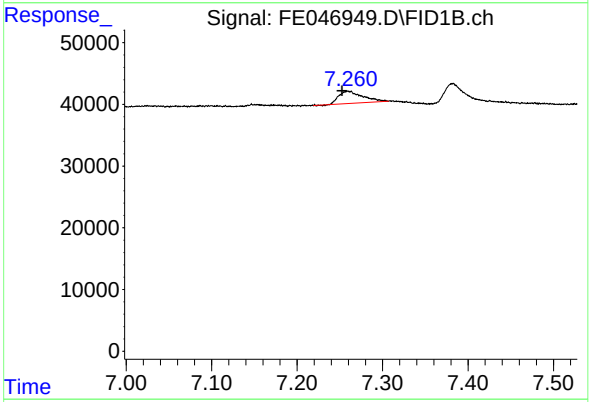
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





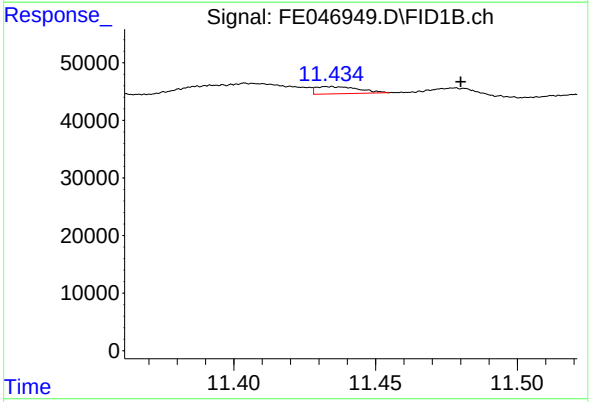
#3 A~Naphthalene (C11.7)

R.T.: 6.155 min
Delta R.T.: 0.003 min
Response: 187657
Conc: 1.19 ug/ml



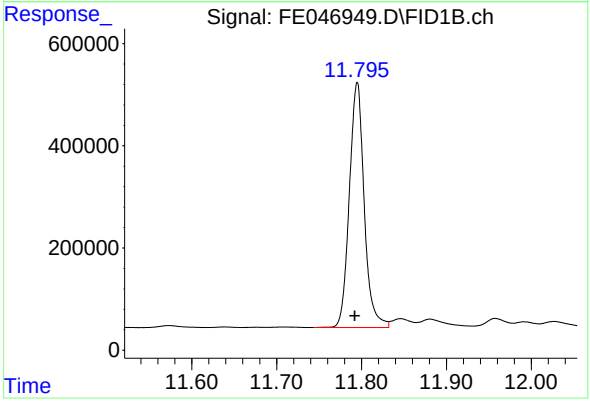
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.260 min
Delta R.T.: 0.007 min
Response: 38161
Conc: 0.27 ug/ml



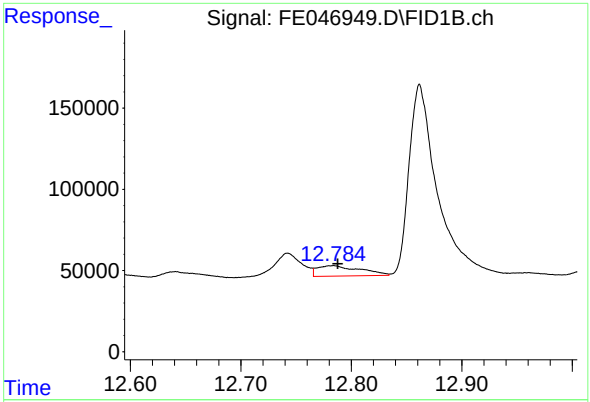
#8 n-Octadecane (C18)

R.T.: 11.433 min
Delta R.T.: -0.047 min
Response: 13023
Conc: 0.08 ug/ml



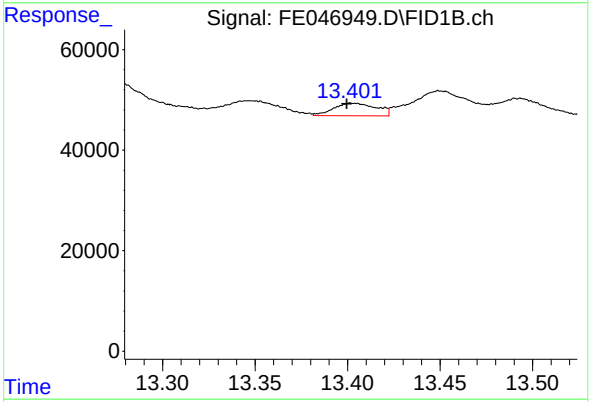
#9 ortho-Terphenyl (SURR)

R.T.: 11.795 min
Delta R.T.: 0.003 min
Response: 5841170
Conc: 35.55 ug/ml



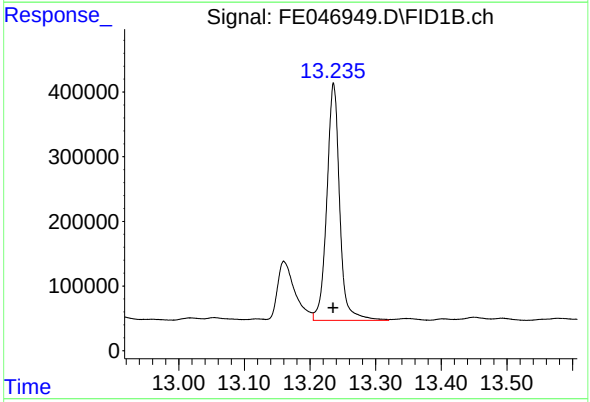
#10 n-Eicosane (C20)

R.T.: 12.784 min
Delta R.T.: -0.004 min
Response: 173530
Conc: 1.15 ug/ml



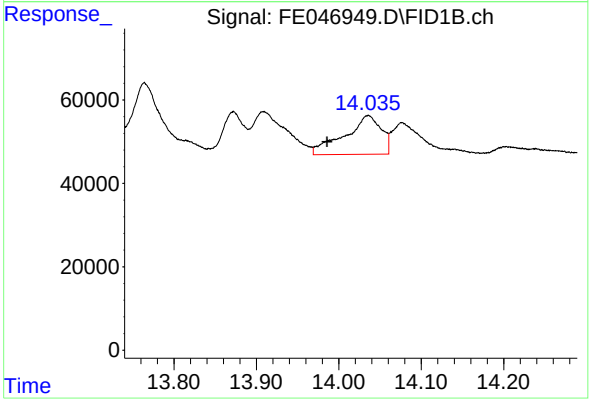
#11 n-Heneicosane (C21)

R.T.: 13.402 min
Delta R.T.: 0.002 min
Response: 40414
Conc: 0.27 ug/ml



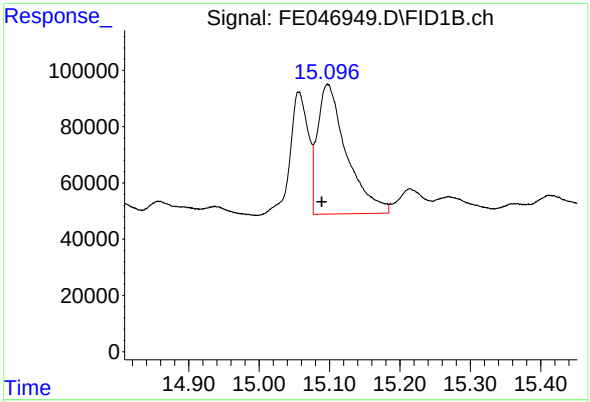
#12 1-chlorooctadecane (SURR)

R.T.: 13.236 min
Delta R.T.: 0.001 min
Response: 4983802
Conc: 40.49 ug/ml



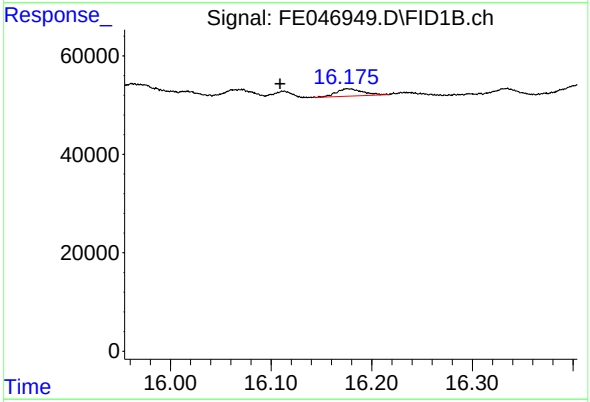
#13 n-Docosane (C22)

R.T.: 14.036 min
Delta R.T.: 0.050 min
Response: 285811
Conc: 1.96 ug/ml



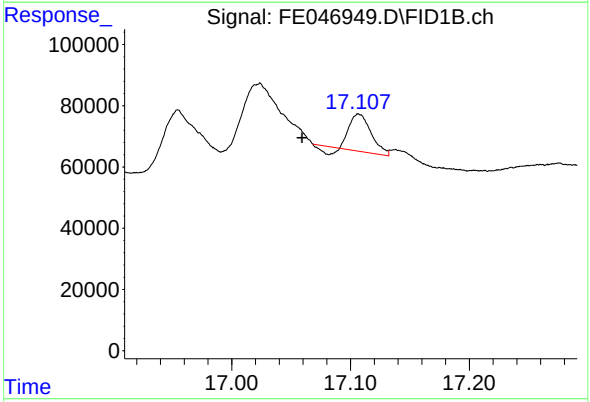
#14 n-Tetracosane (C24)

R.T.: 15.098 min
Delta R.T.: 0.009 min
Response: 1322442
Conc: 9.26 ug/ml



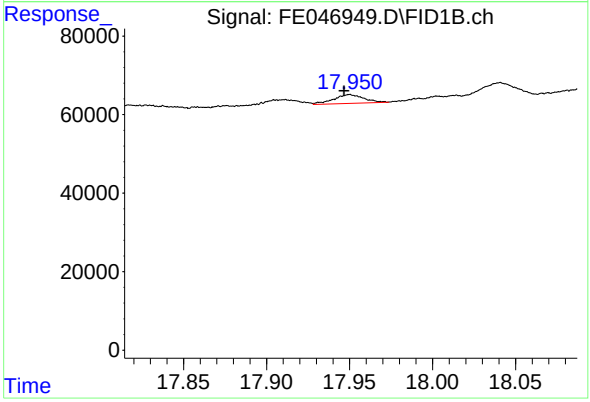
#15 n-Hexacosane (C26)

R.T.: 16.176 min
Delta R.T.: 0.067 min
Response: 27210
Conc: 0.19 ug/ml



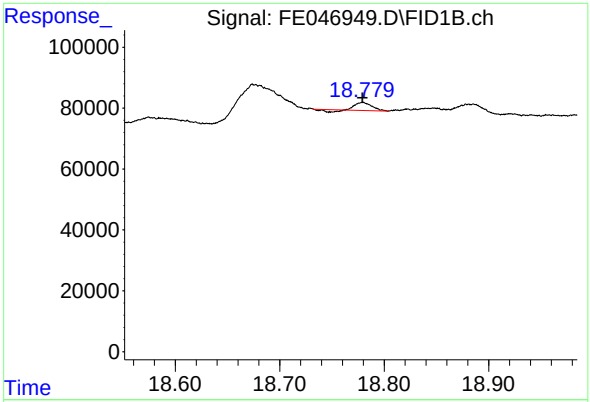
#16 n-Octacosane (C28)

R.T.: 17.107 min
Delta R.T.: 0.048 min
Response: 145976
Conc: 1.07 ug/ml



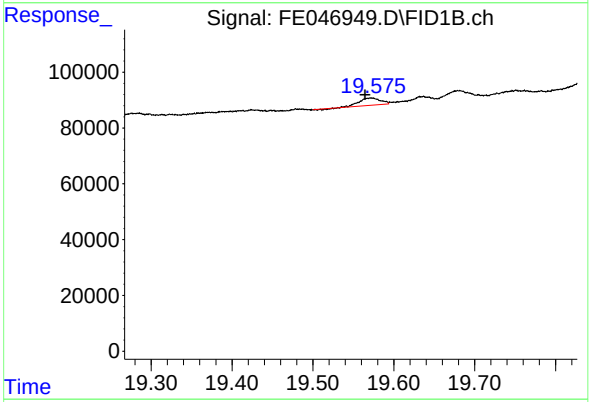
#17 n-Tricontane (C30)

R.T.: 17.950 min
Delta R.T.: 0.003 min
Response: 28256
Conc: 0.20 ug/ml



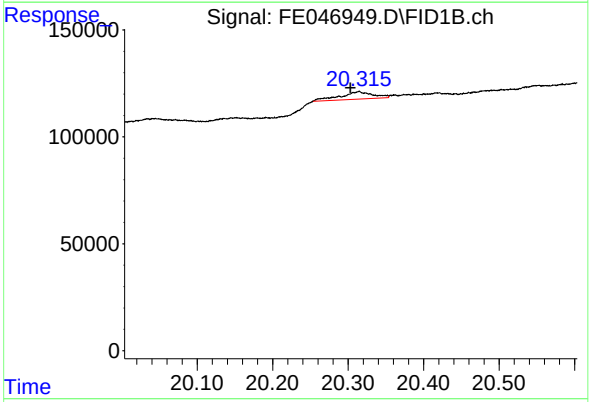
#18 n-Dotriacontane (C32)

R.T.: 18.779 min
Delta R.T.: 0.000 min
Response: 24737
Conc: 0.18 ug/ml



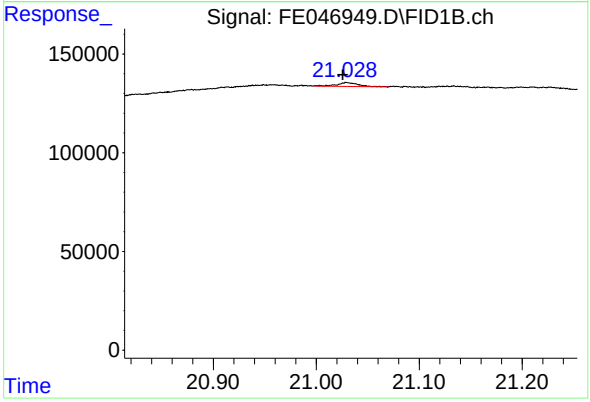
#19 n-Tetratriacontane (C34)

R.T.: 19.572 min
Delta R.T.: 0.008 min
Response: 47026
Conc: 0.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.315 min
Delta R.T.: 0.011 min
Response: 106441
Conc: 0.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.030 min
Delta R.T.: 0.004 min
Response: 27465
Conc: 0.20 ug/ml