

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051624AL\
 Data File : FE048218.D
 Signal(s) : FID1B.ch
 Acq On : 16 May 2024 18:59
 Operator : YP\AJ
 Sample : P2486-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 17 01:31:31 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)	11.961	4483014	31.075 ug/ml
Spiked Amount 50.000		Recovery =	62.15%
12) S 1-chlorooctadecane (S...	13.394	4258240	38.108 ug/ml
Spiked Amount 50.000		Recovery =	76.22%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.301	70450	0.510 ug/ml
5) T A~2-methylnaphthalene...	7.396	45496	0.342 ug/ml
7) T n-Hexadecane (C16)	10.210	107071	0.779 ug/ml
10) T n-Eicosane (C20)	12.955	125738	0.934 ug/ml
11) T n-Heneicosane (C21)	13.579	204535	1.545 ug/ml
13) T n-Docosane (C22)	14.176	401633	3.031 ug/ml
14) T n-Tetracosane (C24)	15.229	1309292	9.833 ug/ml
15) T n-Hexacosane (C26)	16.266	124946	0.936 ug/ml
16) T n-Octacosane (C28)	17.224	369942	2.778 ug/ml
17) T n-Tricontane (C30)	18.102	165471	1.199 ug/ml
18) T n-Dotriacontane (C32)	18.932	95494	0.691 ug/ml
19) T n-Tetratriacontane (C34)	19.715	111931	0.822 ug/ml
20) T n-Hexatriacontane (C36)	20.455	162381	1.199 ug/ml
22) T n-Tetracontane (C40)	22.081	8212	0.059 ug/ml

(f)=RT Delta > 1/2 Window

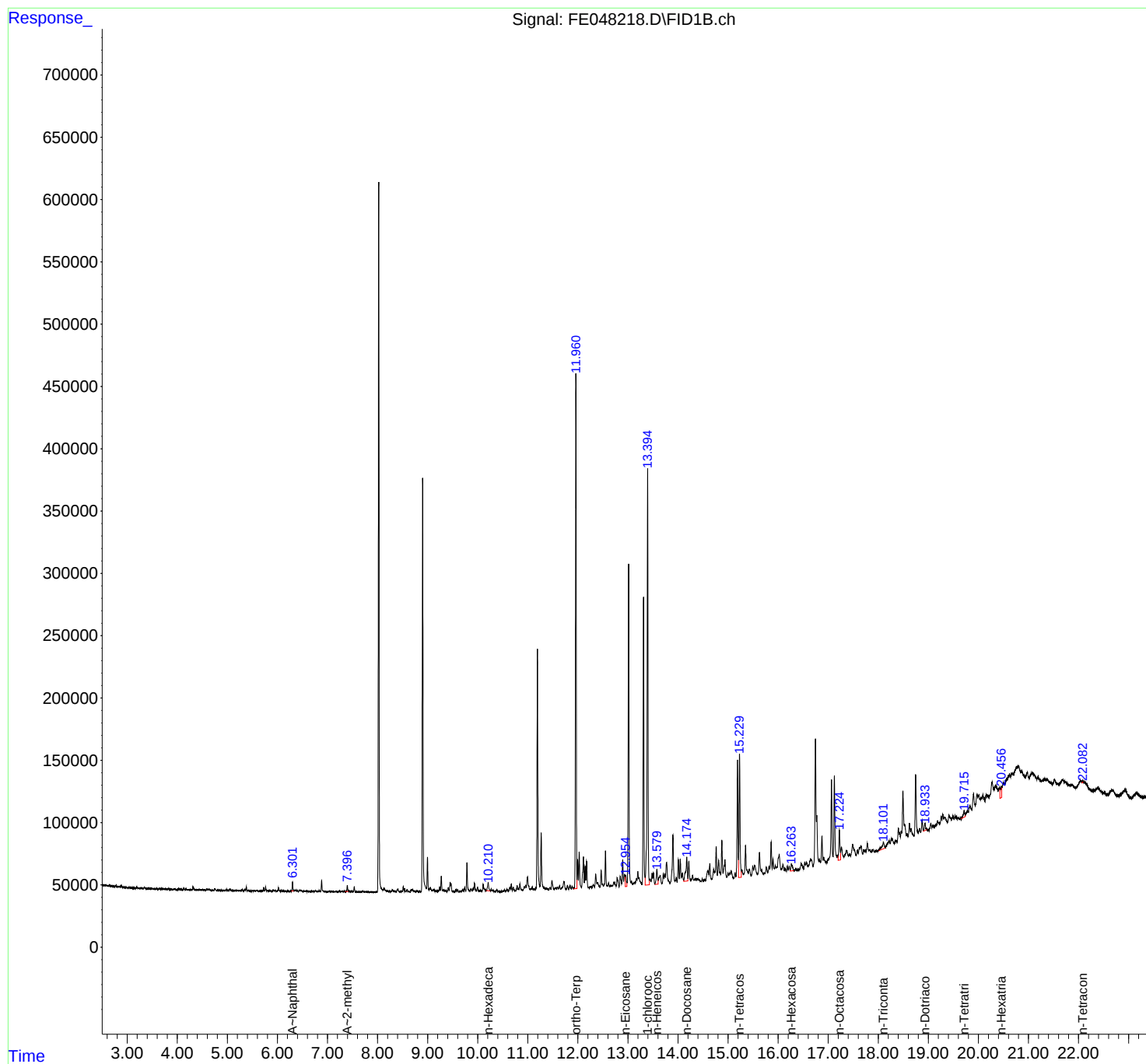
(m)=manual int.

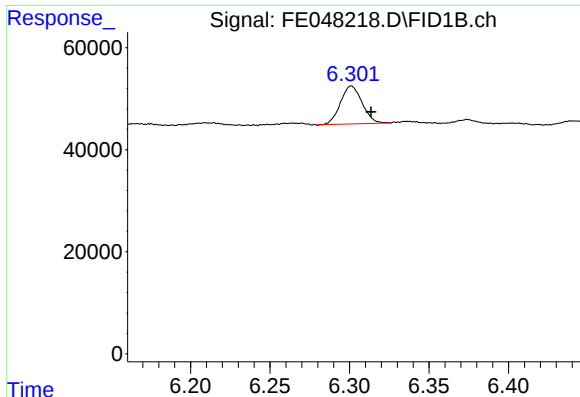
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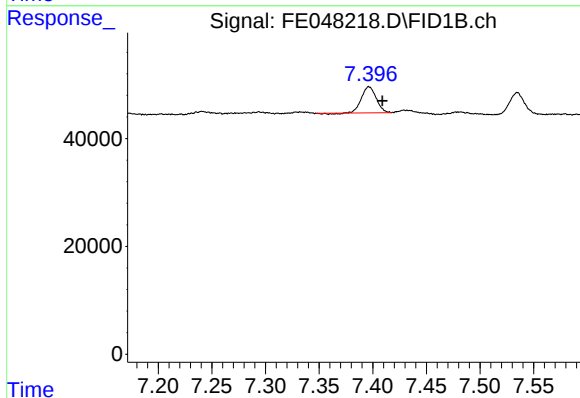




#3 A~Naphthalene (C11.7)

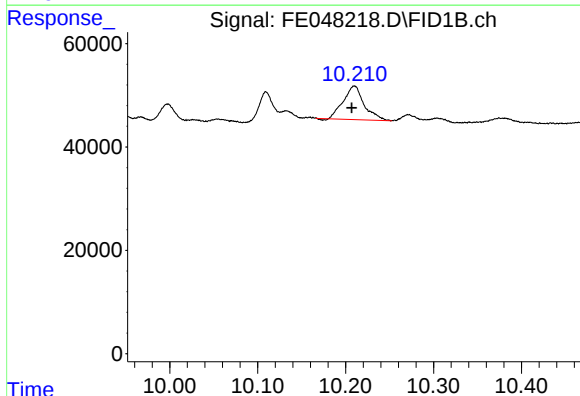
R.T.: 6.301 min
Delta R.T.: -0.012 min
Response: 70450
Conc: 0.51 ug/ml

Instrument :
FID_E
ClientSampleId :



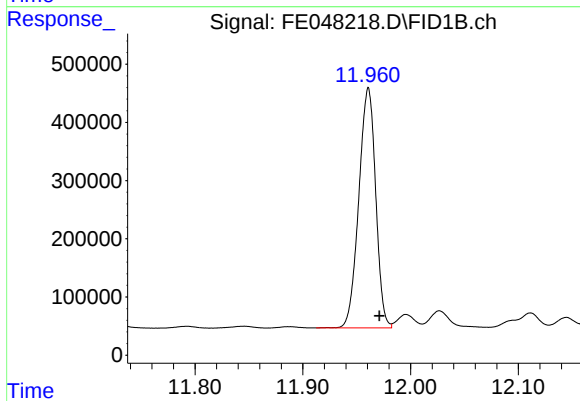
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.396 min
Delta R.T.: -0.013 min
Response: 45496
Conc: 0.34 ug/ml



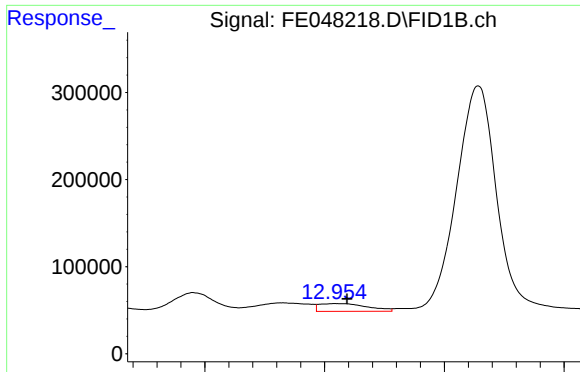
#7 n-Hexadecane (C16)

R.T.: 10.210 min
Delta R.T.: 0.003 min
Response: 107071
Conc: 0.78 ug/ml



#9 ortho-Terphenyl (SURR)

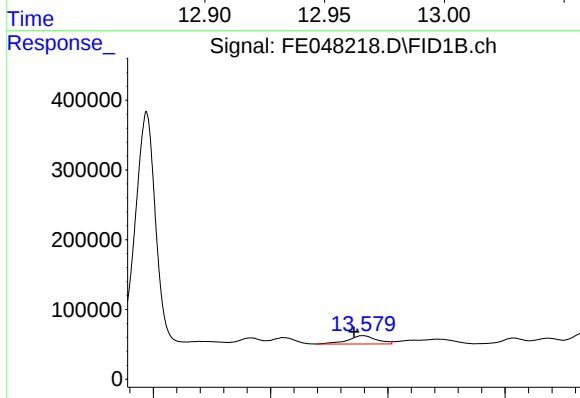
R.T.: 11.961 min
Delta R.T.: -0.010 min
Response: 4483014
Conc: 31.07 ug/ml



#10 n-Eicosane (C20)

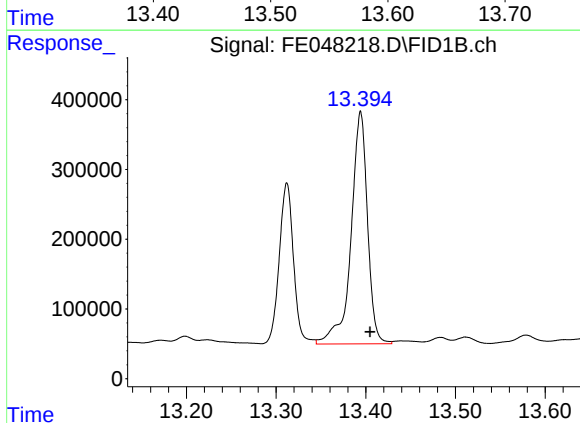
R.T.: 12.955 min
Delta R.T.: -0.004 min
Response: 125738
Conc: 0.93 ug/ml

Instrument :
FID_E
ClientSampleId :



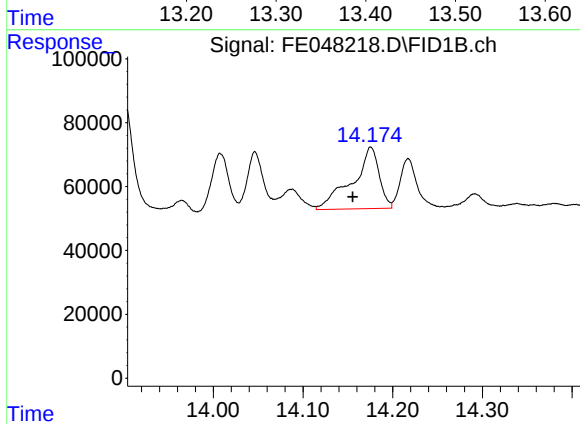
#11 n-Heneicosane (C21)

R.T.: 13.579 min
Delta R.T.: 0.008 min
Response: 204535
Conc: 1.55 ug/ml



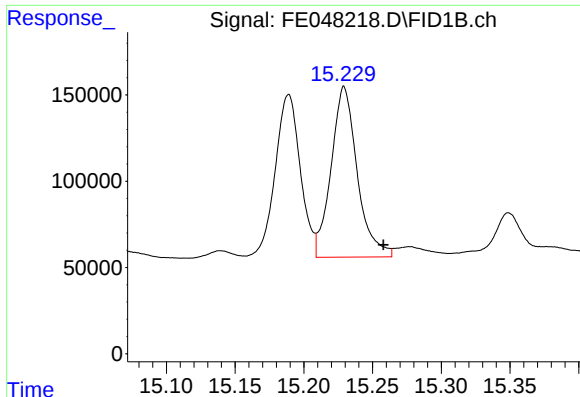
#12 1-chlorooctadecane (SURR)

R.T.: 13.394 min
Delta R.T.: -0.011 min
Response: 4258240
Conc: 38.11 ug/ml



#13 n-Docosane (C22)

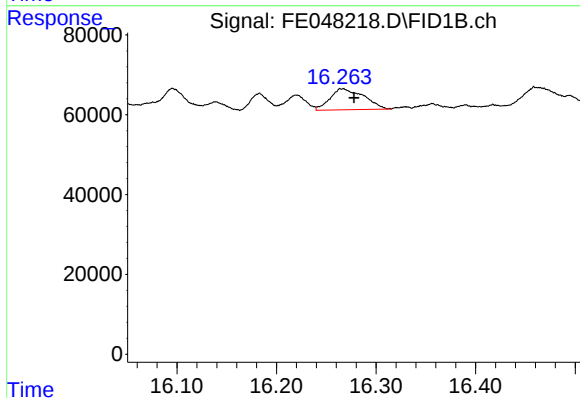
R.T.: 14.176 min
Delta R.T.: 0.020 min
Response: 401633
Conc: 3.03 ug/ml



#14 n-Tetracosane (C24)

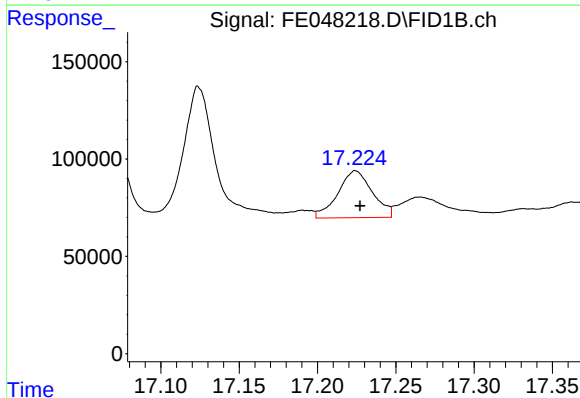
R.T.: 15.229 min
Delta R.T.: -0.029 min
Response: 1309292
Conc: 9.83 ug/ml

Instrument :
FID_E
ClientSampleId :



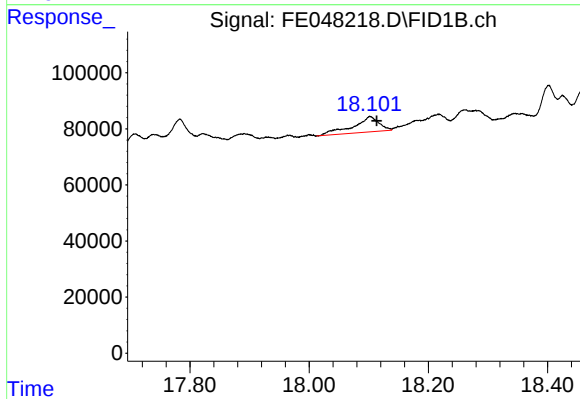
#15 n-Hexacosane (C26)

R.T.: 16.266 min
Delta R.T.: -0.012 min
Response: 124946
Conc: 0.94 ug/ml



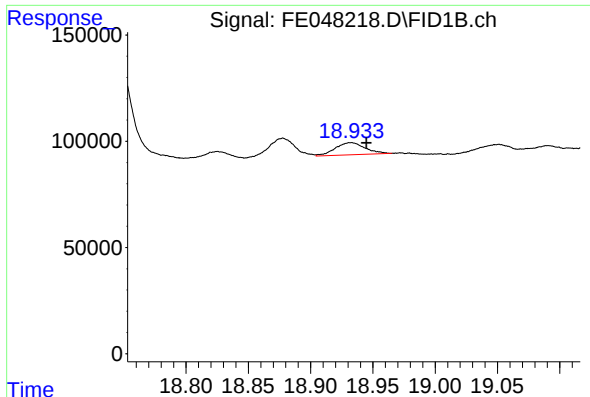
#16 n-Octacosane (C28)

R.T.: 17.224 min
Delta R.T.: -0.003 min
Response: 369942
Conc: 2.78 ug/ml



#17 n-Tricontane (C30)

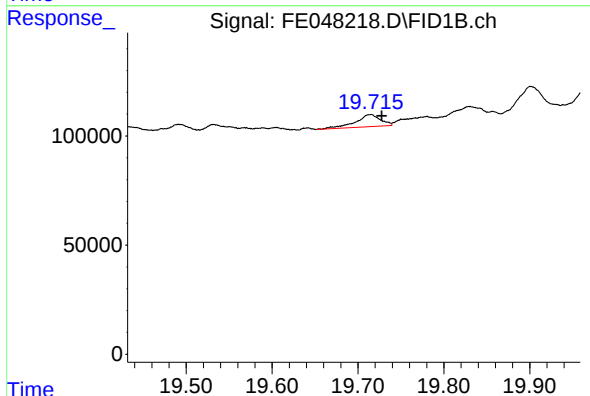
R.T.: 18.102 min
Delta R.T.: -0.011 min
Response: 165471
Conc: 1.20 ug/ml



#18 n-Dotriacontane (C32)

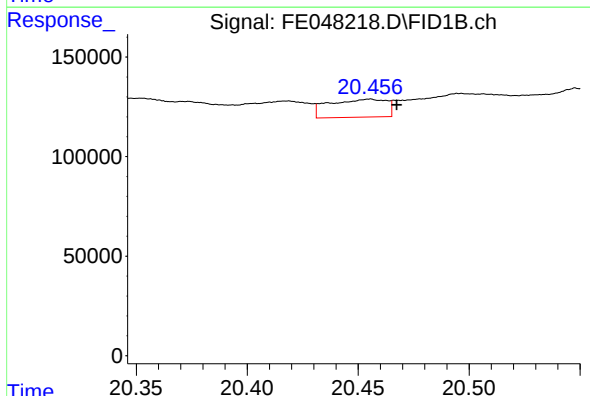
R.T.: 18.932 min
Delta R.T.: -0.012 min
Response: 95494
Conc: 0.69 ug/ml

Instrument :
FID_E
ClientSampleId :



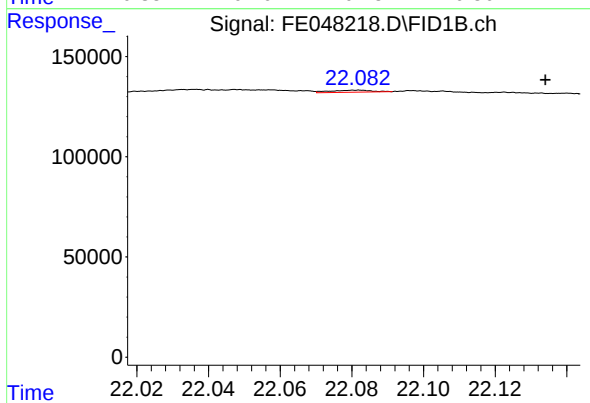
#19 n-Tetratriacontane (C34)

R.T.: 19.715 min
Delta R.T.: -0.013 min
Response: 111931
Conc: 0.82 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.455 min
Delta R.T.: -0.012 min
Response: 162381
Conc: 1.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.081 min
Delta R.T.: -0.053 min
Response: 8212
Conc: 0.06 ug/ml