Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032824AL\
Data File : FE047383.D
Signal(s) : FID1B.ch
Acq On : 28 Mar 2024 16:39
Operator : YP\AJ
Sample : P1900-01D
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :

Integration File: autoint1.e
Quant Time: Mar 29 01:23:29 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032324.M
Quant Title : GC Extractables
QLast Update : Sat Mar 23 01:31:33 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)	11.983	5206457	33.246 ug/ml
Spiked Amount	50.000		Recovery =	66.49%
12) S	1-chlorooctadecane (S...	13.415	4299708	35.453 ug/ml
Spiked Amount	50.000		Recovery =	70.91%
	Target Compounds			
7) T	n-Hexadecane (C16)	10.217	51651	0.341 ug/ml
8) T	n-Octadecane (C18)	11.658	66166	0.435 ug/ml
10) T	n-Eicosane (C20)	12.967	59535	0.409 ug/ml
11) T	n-Heneicosane (C21)	13.581	58725	0.411 ug/ml
13) T	n-Docosane (C22)	14.164	33976	0.239 ug/ml
14) T	n-Tetracosane (C24)	15.246	110528	0.784 ug/ml
15) T	n-Hexacosane (C26)	16.285	39913	0.287 ug/ml
16) T	n-Octacosane (C28)	17.234	108133	0.791 ug/ml
17) T	n-Tricontane (C30)	18.119	168767	1.216 ug/ml
18) T	n-Dotriacontane (C32)	18.950	119369	0.865 ug/ml
19) T	n-Tetratriacontane (C34)	19.735	81501	0.595 ug/ml
20) T	n-Hexatriacontane (C36)	20.471	43705	0.320 ug/ml
22) T	n-Tetracontane (C40)	22.142	137157	0.957 ug/ml

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

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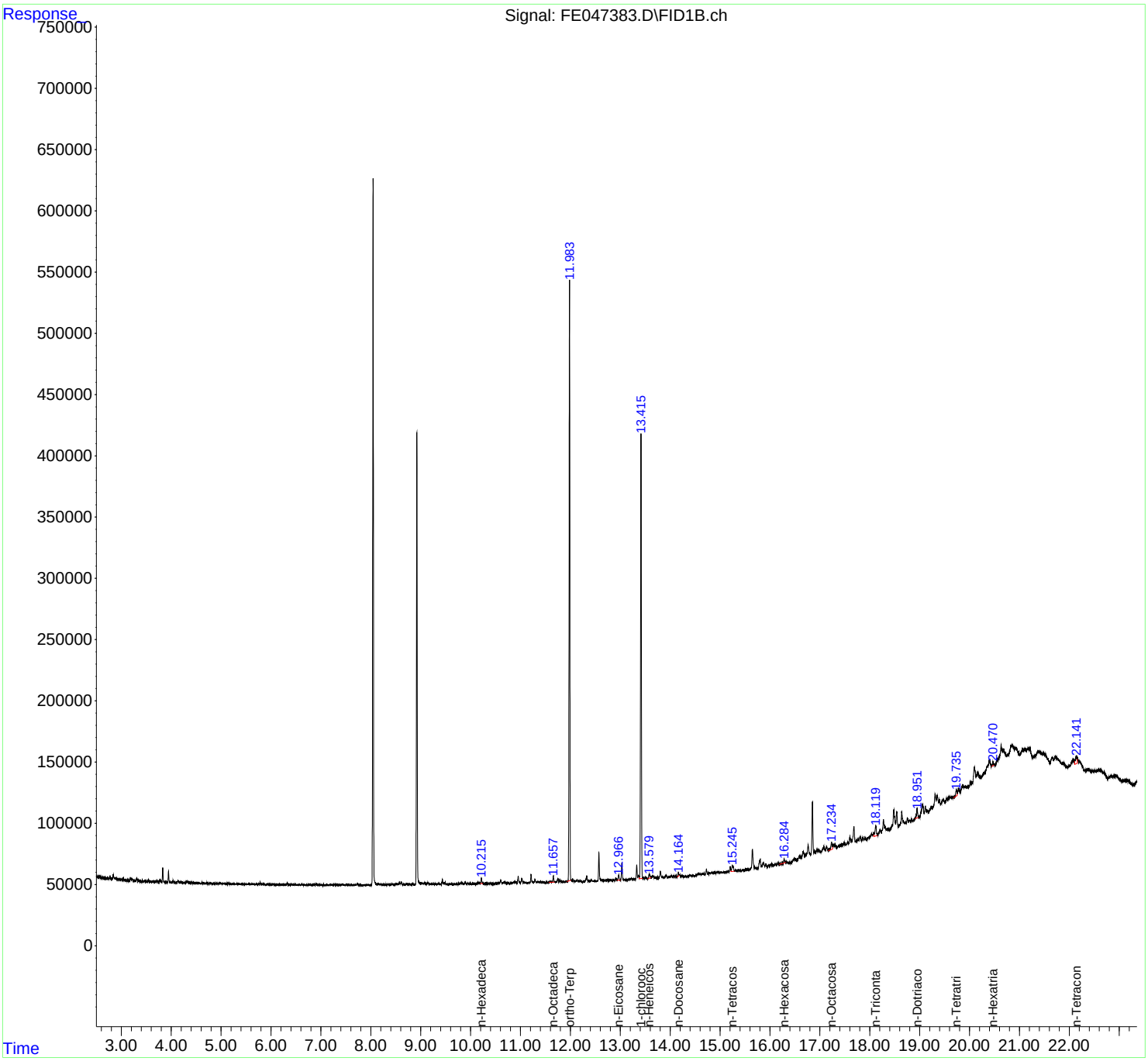
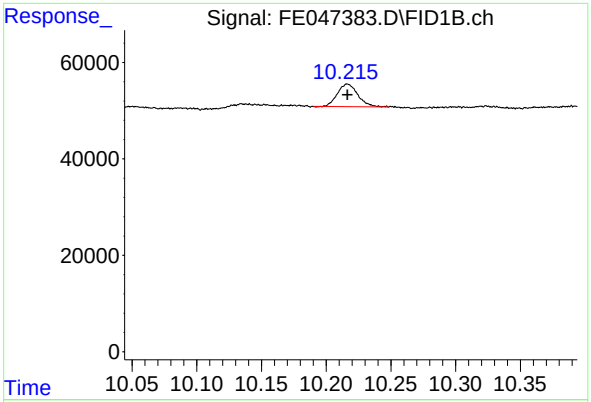
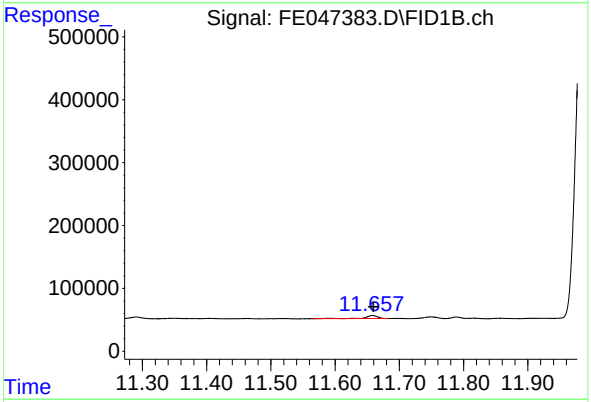




#7 n-Hexadecane (C16)

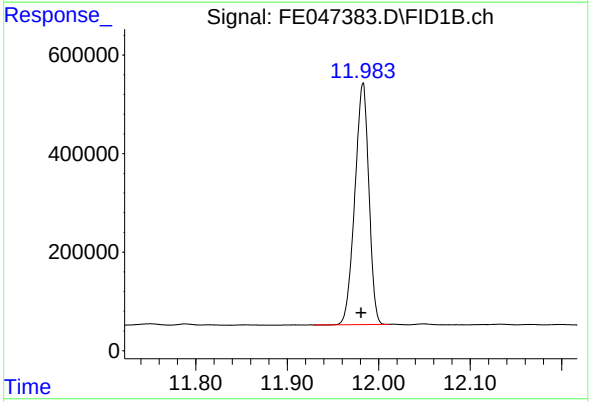
R.T.: 10.217 min
Delta R.T.: 0.000 min
Response: 51651
Conc: 0.34 ug/ml

Instrument :
FID_E
ClientSampleId :



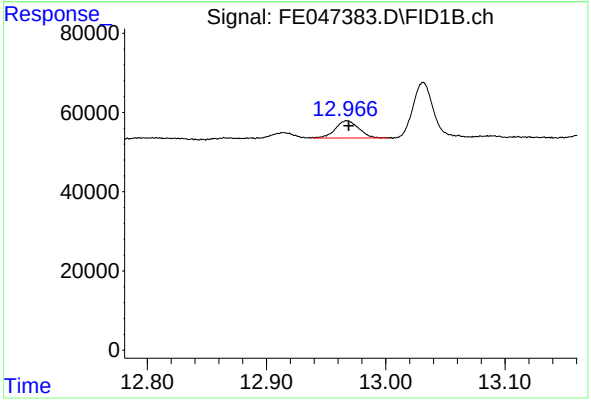
#8 n-Octadecane (C18)

R.T.: 11.658 min
Delta R.T.: -0.002 min
Response: 66166
Conc: 0.44 ug/ml



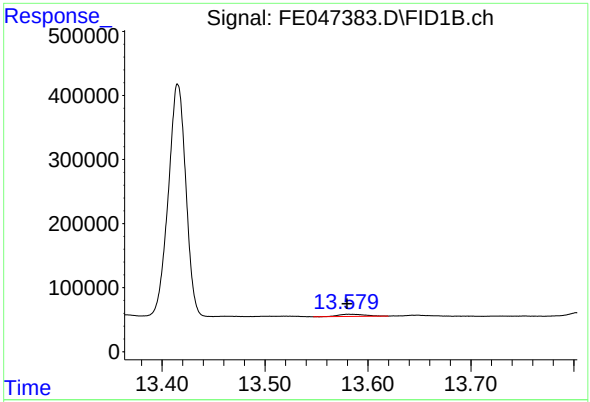
#9 ortho-Terphenyl (SURR)

R.T.: 11.983 min
Delta R.T.: 0.002 min
Response: 5206457
Conc: 33.25 ug/ml



#10 n-Eicosane (C20)

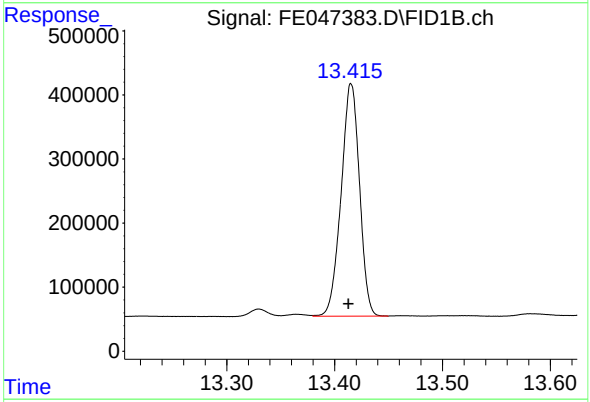
R.T.: 12.967 min
Delta R.T.: -0.002 min
Response: 59535
Conc: 0.41 ug/ml



#11 n-Heneicosane (C21)

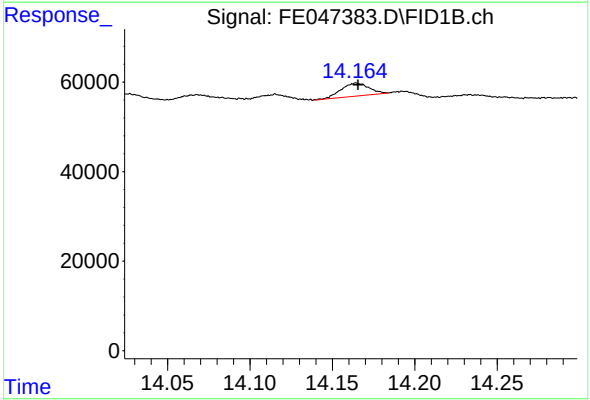
R.T.: 13.581 min
Delta R.T.: 0.001 min
Response: 58725
Conc: 0.41 ug/ml

Instrument :
FID_E
ClientSampleId :



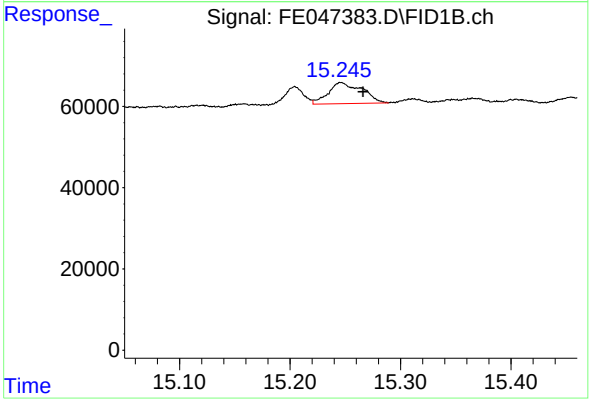
#12 1-chlorooctadecane (SURR)

R.T.: 13.415 min
Delta R.T.: 0.002 min
Response: 4299708
Conc: 35.45 ug/ml



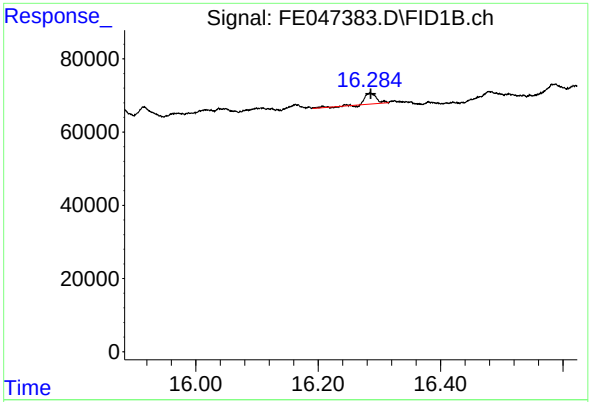
#13 n-Docosane (C22)

R.T.: 14.164 min
Delta R.T.: -0.001 min
Response: 33976
Conc: 0.24 ug/ml



#14 n-Tetracosane (C24)

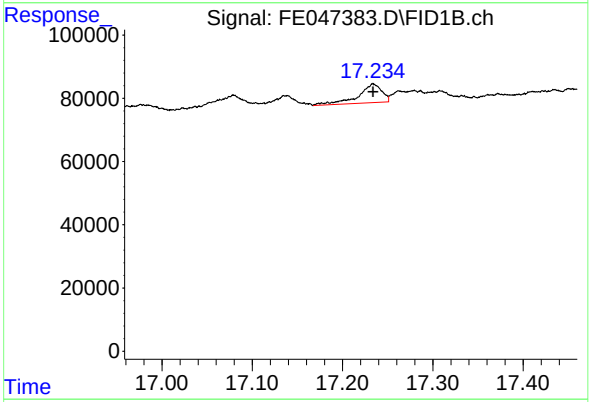
R.T.: 15.246 min
Delta R.T.: -0.020 min
Response: 110528
Conc: 0.78 ug/ml



#15 n-Hexacosane (C26)

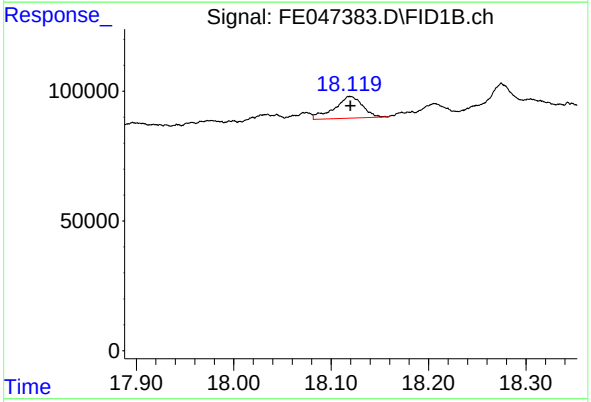
R.T.: 16.285 min
Delta R.T.: -0.001 min
Response: 39913
Conc: 0.29 ug/ml

Instrument :
FID_E
ClientSampleId :



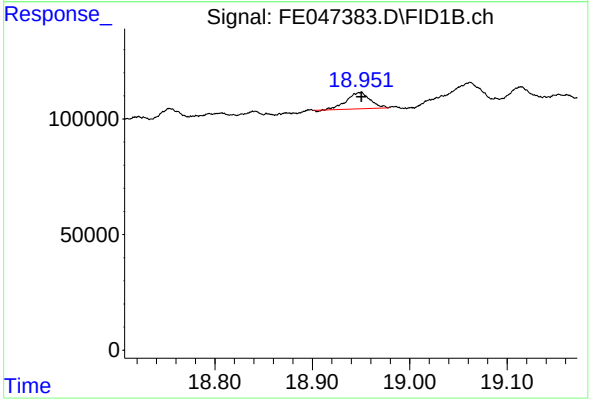
#16 n-Octacosane (C28)

R.T.: 17.234 min
Delta R.T.: 0.000 min
Response: 108133
Conc: 0.79 ug/ml



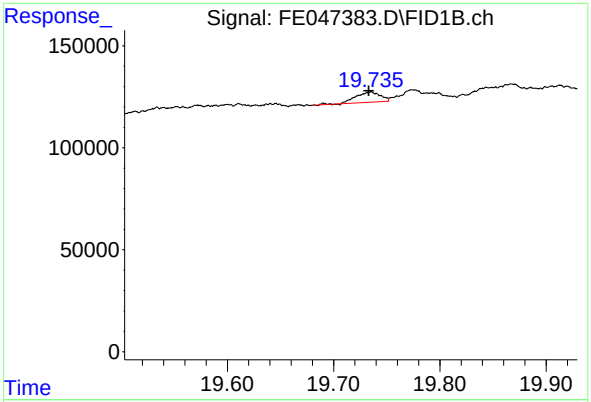
#17 n-Tricontane (C30)

R.T.: 18.119 min
Delta R.T.: 0.000 min
Response: 168767
Conc: 1.22 ug/ml



#18 n-Dotriacontane (C32)

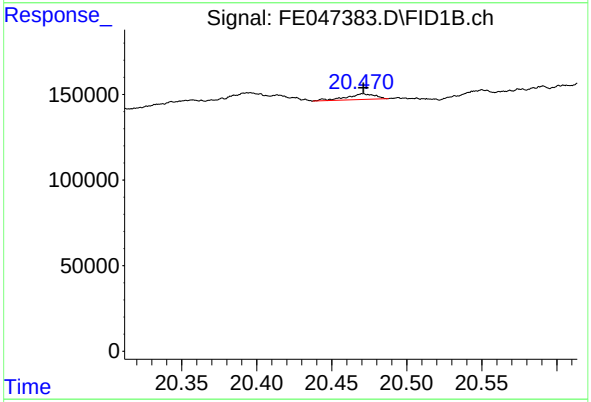
R.T.: 18.950 min
Delta R.T.: 0.000 min
Response: 119369
Conc: 0.87 ug/ml



#19 n-Tetratriacontane (C34)

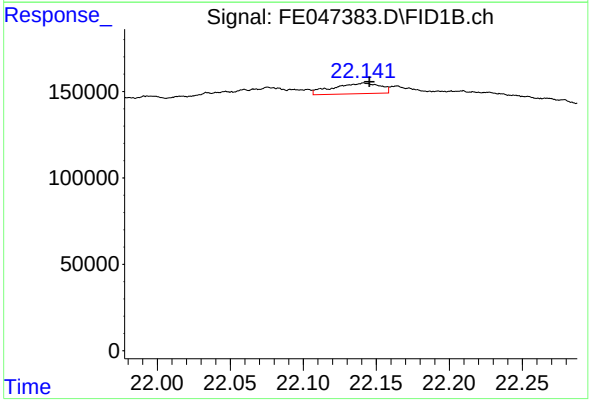
R.T.: 19.735 min
Delta R.T.: 0.002 min
Response: 81501
Conc: 0.59 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.471 min
Delta R.T.: 0.000 min
Response: 43705
Conc: 0.32 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.142 min
Delta R.T.: -0.004 min
Response: 137157
Conc: 0.96 ug/ml