Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041123AL\
Data File : FE041304.D
Signal(s) : FID1B.ch
Acq On : 11 Apr 2023 11:24
Operator : YP\AJ
Sample : 02260-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :

Integration File: autoint1.e
Quant Time: Apr 11 15:16:29 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
Quant Title : GC Extractables
QLast Update : Sat Mar 25 06:32:15 2023
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)	11.838	8499809	45.226 ug/ml
Spiked Amount	50.000		Recovery =	90.45%
12) S	1-chlorooctadecane (S...	13.276	6266318	43.552 ug/ml
Spiked Amount	50.000		Recovery =	87.10%
	Target Compounds			
13) T	n-Docosane (C22)	14.027	27920	0.169 ug/ml
14) T	n-Tetracosane (C24)	15.131	71341	0.441 ug/ml
15) T	n-Hexacosane (C26)	16.152	118861	0.767 ug/ml
16) T	n-Octacosane (C28)	17.149	41571	0.271 ug/ml
17) T	n-Tricontane (C30)	17.991	235263	1.539 ug/ml
18) T	n-Dotriacontane (C32)	18.824	189332	1.213 ug/ml
19) T	n-Tetratriacontane (C34)	19.609	32996	0.213 ug/ml
20) T	n-Hexatriacontane (C36)	20.351	123055	0.810 ug/ml
22) T	n-Tetracontane (C40)	21.948	106073	0.665 ug/ml

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

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Data File : FE041304.D
Signal(s) : FID1B.ch
Acq On : 11 Apr 2023 11:24
Operator : YP\AJ
Sample : 02260-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_E
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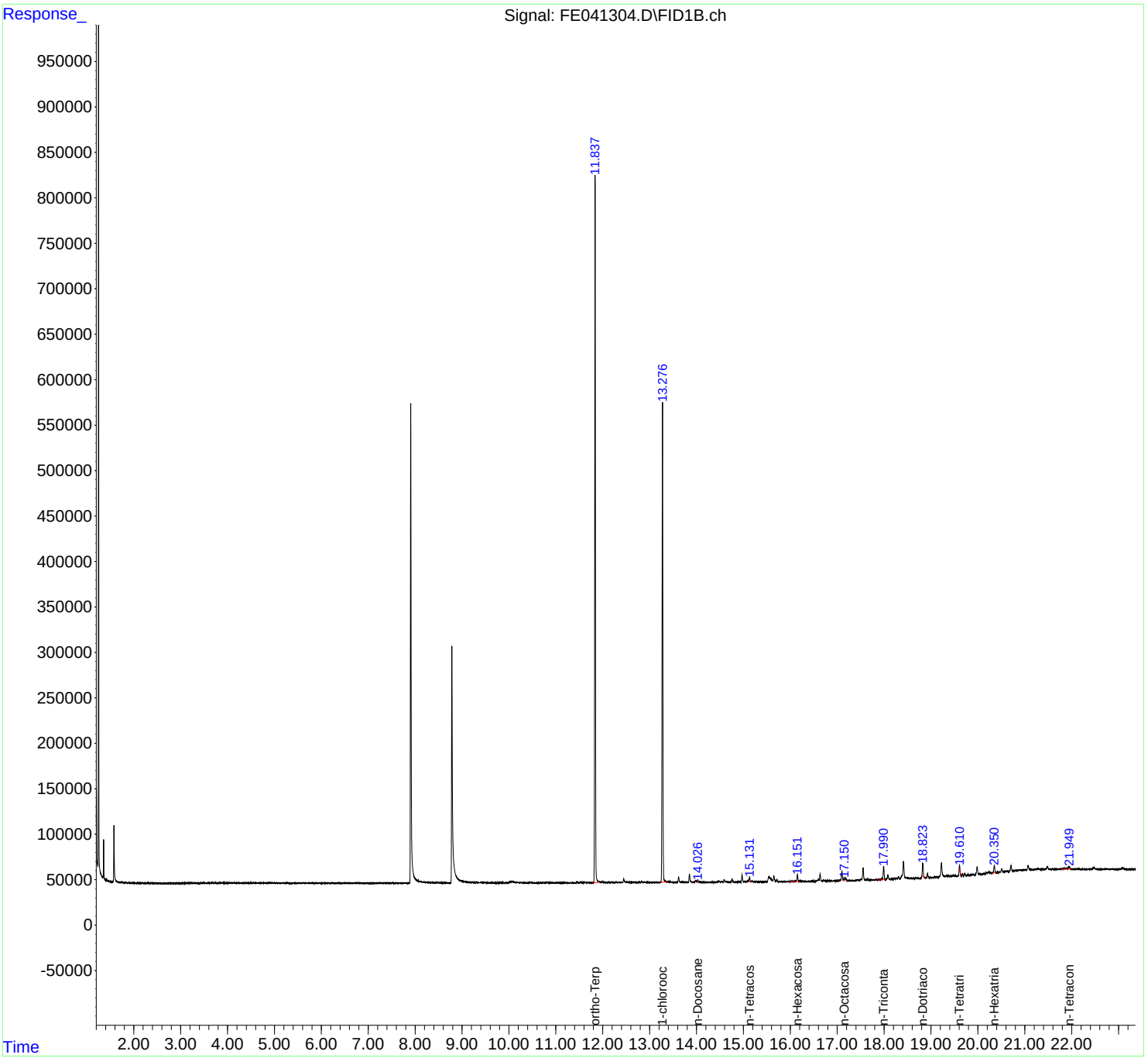
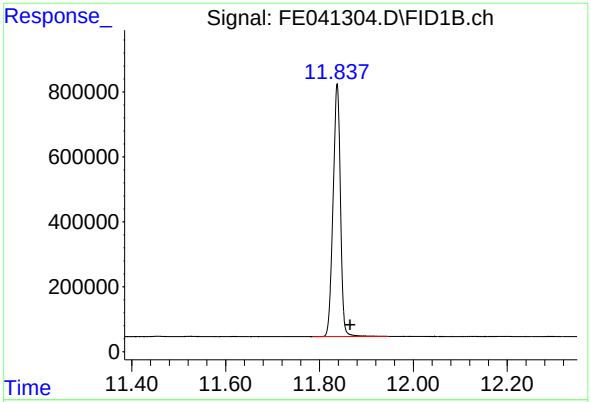
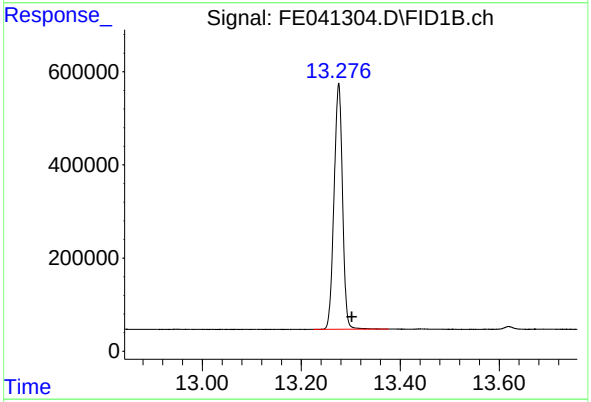




#9 ortho-Terphenyl (SURR)

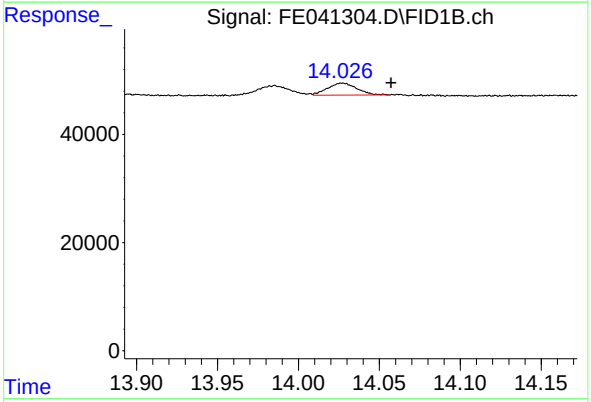
R.T.: 11.838 min
Delta R.T.: -0.027 min
Response: 8499809
Conc: 45.23 ug/ml

Instrument :
FID_E
ClientSampleId :



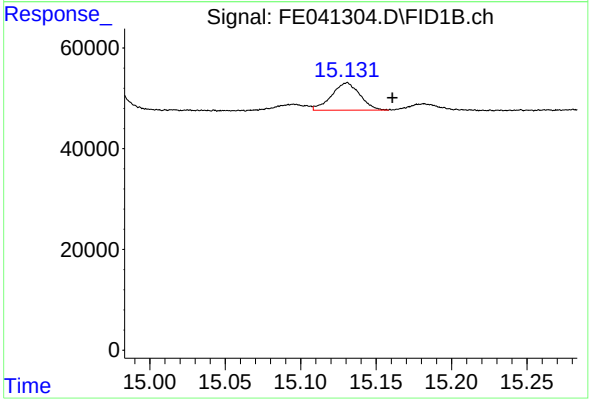
#12 1-chlorooctadecane (SURR)

R.T.: 13.276 min
Delta R.T.: -0.026 min
Response: 6266318
Conc: 43.55 ug/ml



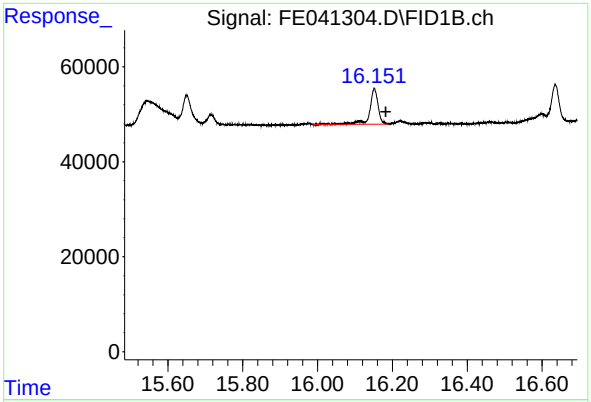
#13 n-Docosane (C22)

R.T.: 14.027 min
Delta R.T.: -0.030 min
Response: 27920
Conc: 0.17 ug/ml



#14 n-Tetracosane (C24)

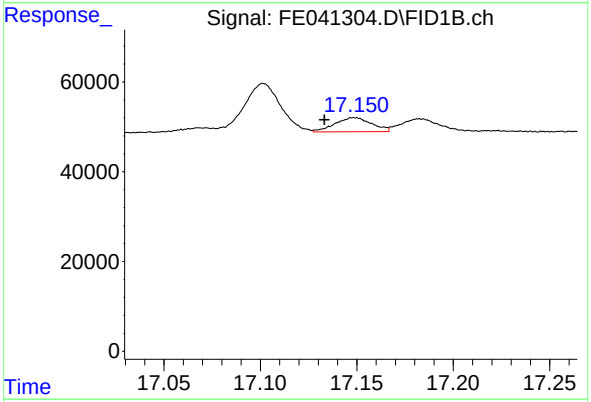
R.T.: 15.131 min
Delta R.T.: -0.030 min
Response: 71341
Conc: 0.44 ug/ml



#15 n-Hexacosane (C26)

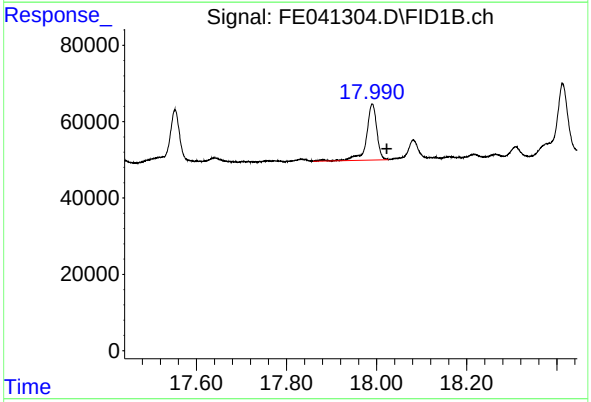
R.T.: 16.152 min
Delta R.T.: -0.030 min
Response: 118861
Conc: 0.77 ug/ml

Instrument :
FID_E
ClientSampleId :



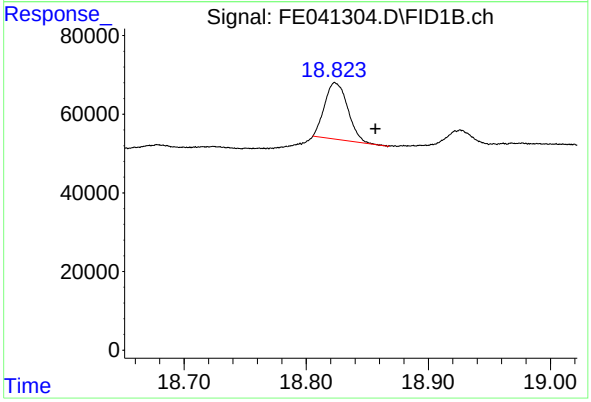
#16 n-Octacosane (C28)

R.T.: 17.149 min
Delta R.T.: 0.016 min
Response: 41571
Conc: 0.27 ug/ml



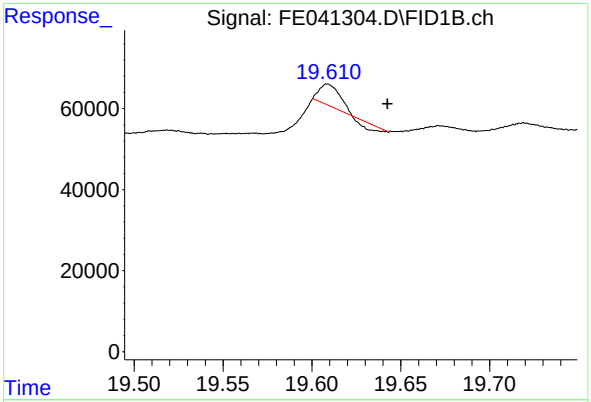
#17 n-Tricontane (C30)

R.T.: 17.991 min
Delta R.T.: -0.032 min
Response: 235263
Conc: 1.54 ug/ml



#18 n-Dotriacontane (C32)

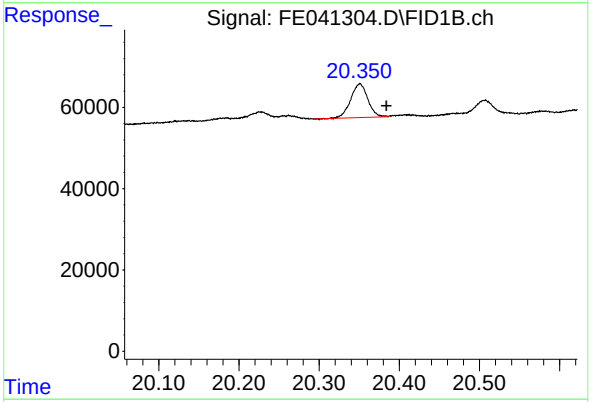
R.T.: 18.824 min
Delta R.T.: -0.033 min
Response: 189332
Conc: 1.21 ug/ml



#19 n-Tetratriacontane (C34)

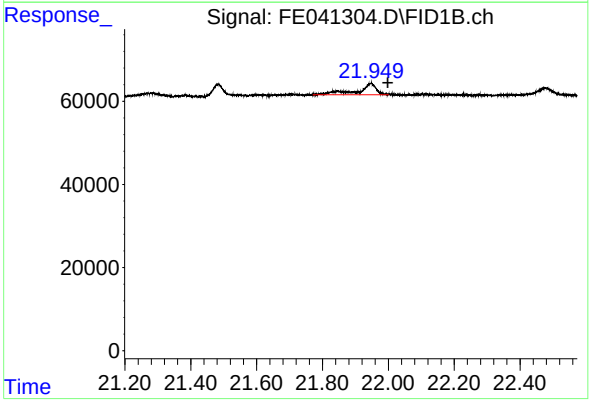
R.T.: 19.609 min
Delta R.T.: -0.034 min
Response: 32996
Conc: 0.21 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.351 min
Delta R.T.: -0.033 min
Response: 123055
Conc: 0.81 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.948 min
Delta R.T.: -0.050 min
Response: 106073
Conc: 0.66 ug/ml