Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072823AL\
Data File : FE043624.D
Signal(s) : FID1B.ch
Acq On : 29 Jul 2023 05:37
Operator : YP\AJ
Sample : 03813-03
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :

Integration File: autoint1.e
Quant Time: Jul 31 02:11:43 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
Quant Title : GC Extractables
QLast Update : Thu Jul 13 03:02:53 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)	11.886	5778820	32.272 ug/ml
Spiked Amount	50.000		Recovery =	64.54%
12) S	1-chlorooctadecane (S...	13.323	4515763	34.368 ug/ml
Spiked Amount	50.000		Recovery =	68.74%
	Target Compounds			
10) T	n-Eicosane (C20)	12.946	550026	3.540 ug/ml
14) T	n-Tetracosane (C24)	15.168	439107	2.990 ug/ml
16) T	n-Octacosane (C28)	17.174	143968	1.023 ug/ml
17) T	n-Tricontane (C30)	18.034	180538	1.226 ug/ml
18) T	n-Dotriacontane (C32)	18.866	201915	1.363 ug/ml
19) T	n-Tetratriacontane (C34)	19.686	175752	1.218 ug/ml
20) T	n-Hexatriacontane (C36)	20.464	49044	0.334 ug/ml

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

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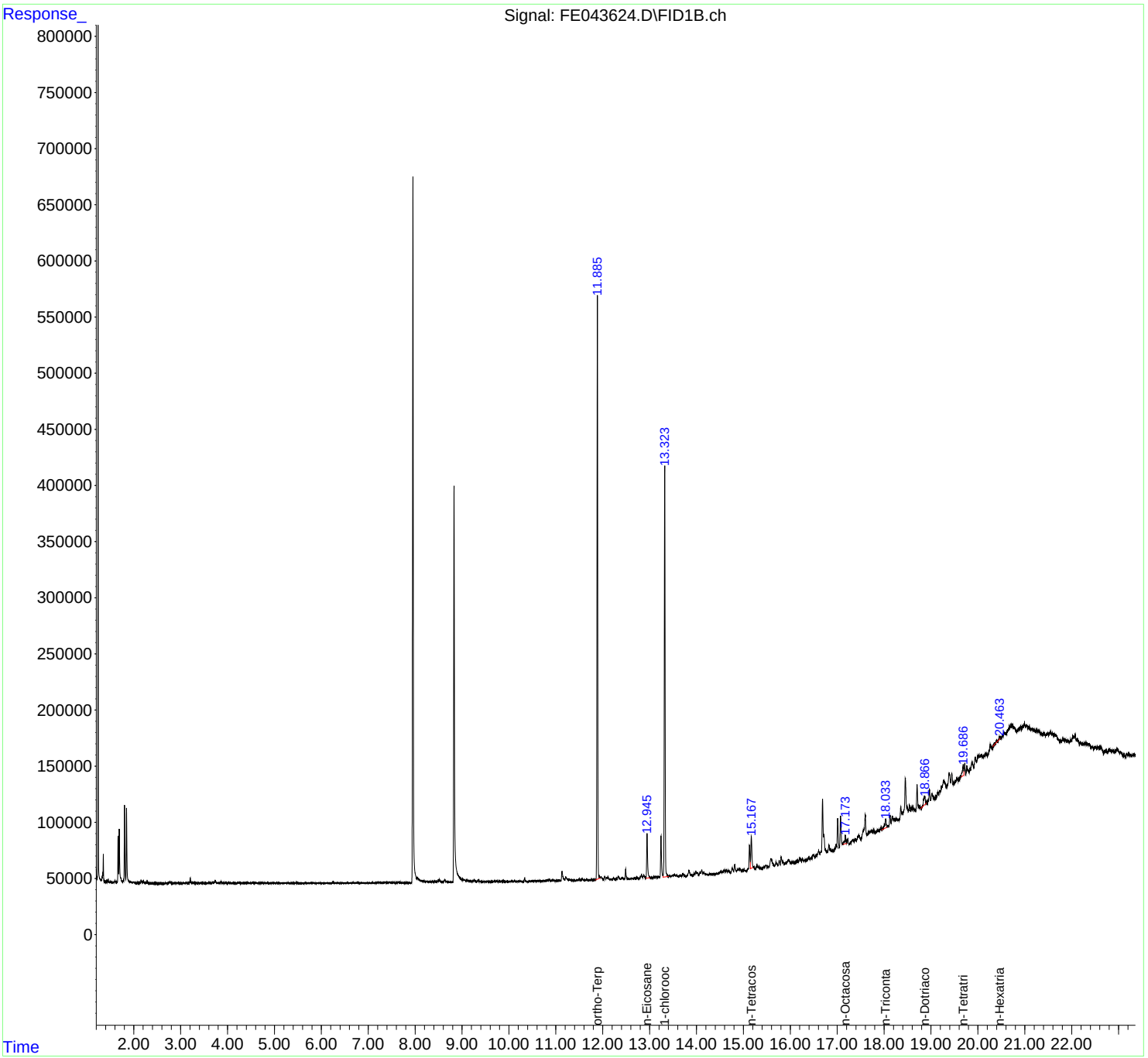
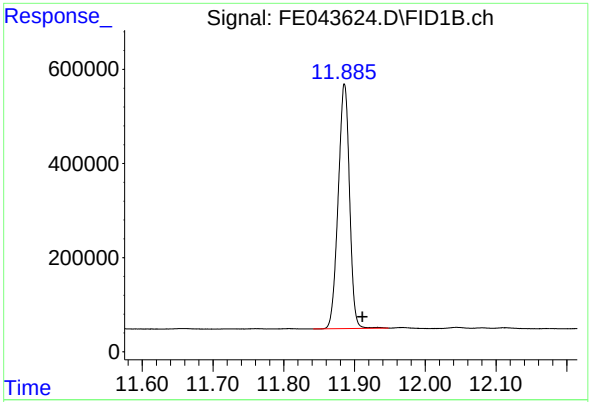
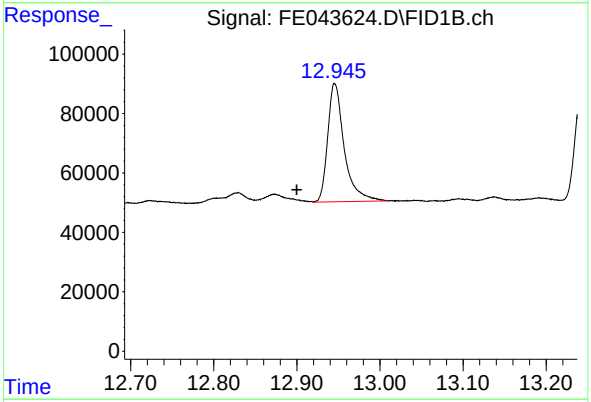




#9 ortho-Terphenyl (SURR)

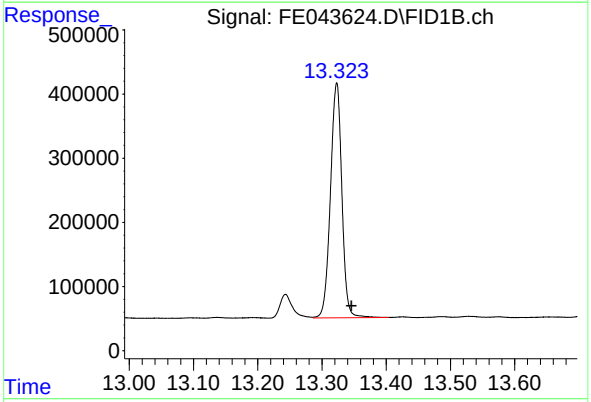
R.T.: 11.886 min
Delta R.T.: -0.026 min
Response: 5778820
Conc: 32.27 ug/ml

Instrument :
FID_E
ClientSampleId :



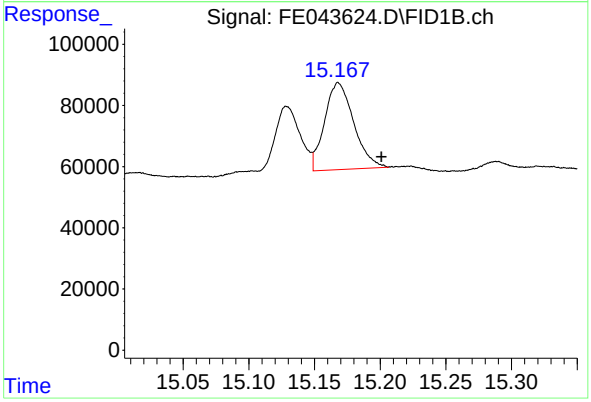
#10 n-Eicosane (C20)

R.T.: 12.946 min
Delta R.T.: 0.046 min
Response: 550026
Conc: 3.54 ug/ml



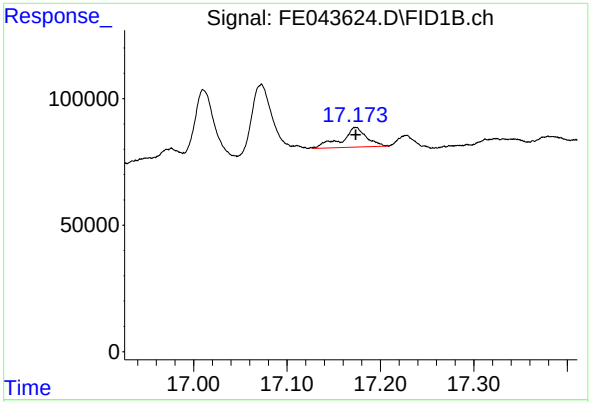
#12 1-chlorooctadecane (SURR)

R.T.: 13.323 min
Delta R.T.: -0.023 min
Response: 4515763
Conc: 34.37 ug/ml



#14 n-Tetracosane (C24)

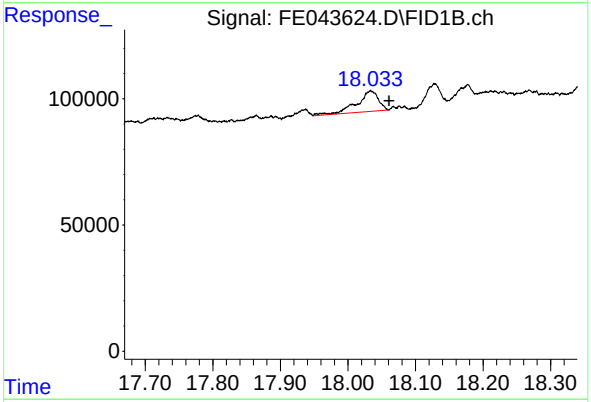
R.T.: 15.168 min
Delta R.T.: -0.033 min
Response: 439107
Conc: 2.99 ug/ml



#16 n-Octacosane (C28)

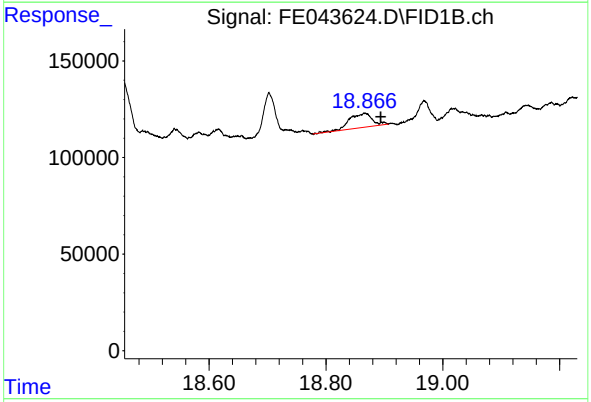
R.T.: 17.174 min
Delta R.T.: 0.000 min
Response: 143968
Conc: 1.02 ug/ml

Instrument :
FID_E
ClientSampleId :



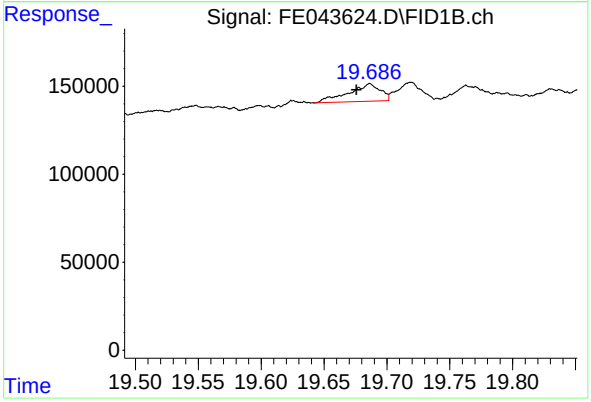
#17 n-Tricontane (C30)

R.T.: 18.034 min
Delta R.T.: -0.027 min
Response: 180538
Conc: 1.23 ug/ml



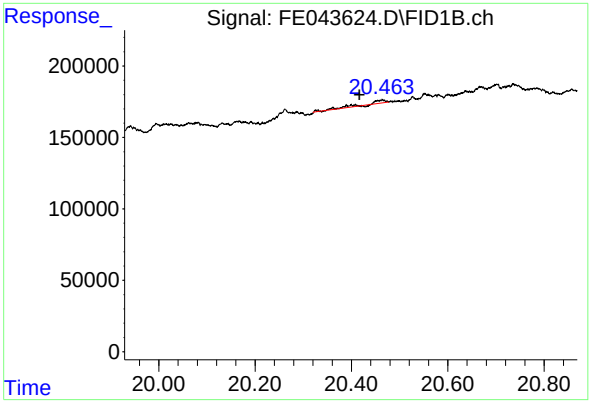
#18 n-Dotriacontane (C32)

R.T.: 18.866 min
Delta R.T.: -0.027 min
Response: 201915
Conc: 1.36 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.686 min
Delta R.T.: 0.011 min
Response: 175752
Conc: 1.22 ug/ml



#20 n-Hexatriacontane (C36)

R.T.:	20.464 min
Delta R.T.:	0.048 min
Response:	49044
Conc:	0.33 ug/ml

Instrument :
FID_E
ClientSampleId :