

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051024AL\
 Data File : FE048104.D
 Signal(s) : FID1B.ch
 Acq On : 11 May 2024 01:39
 Operator : YP\AJ
 Sample : PB160814BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 11 02:33:15 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)	11.958	225386	1.562 ug/ml
Spiked Amount 50.000		Recovery =	3.12%
12) S 1-chlorooctadecane (S...	13.395	5000530	44.751 ug/ml
Spiked Amount 50.000		Recovery =	89.50%
Target Compounds			
4) T n-Dodecane (C12)	6.759	179093	1.343 ug/ml
6) T n-Tetradecane (C14)	8.588	48941	0.369 ug/ml
10) T n-Eicosane (C20)	12.946	49896	0.371 ug/ml
13) T n-Docosane (C22)	14.144	131767	0.994 ug/ml
14) T n-Tetracosane (C24)	15.245	315988	2.373 ug/ml
15) T n-Hexacosane (C26)	16.266	450709	3.378 ug/ml
16) T n-Octacosane (C28)	17.215	592369	4.449 ug/ml
17) T n-Tricontane (C30)	18.102	767264	5.559 ug/ml
18) T n-Dotriacontane (C32)	18.935	1038724	7.520 ug/ml
19) T n-Tetratriacontane (C34)	19.717	472393	3.468 ug/ml
20) T n-Hexatriacontane (C36)	20.456	285758	2.110 ug/ml
21) T n-Octatriacontane (C38)	21.194	141343	1.024 ug/ml
22) T n-Tetracontane (C40)	22.164	291202	2.090 ug/ml

(f)=RT Delta > 1/2 Window

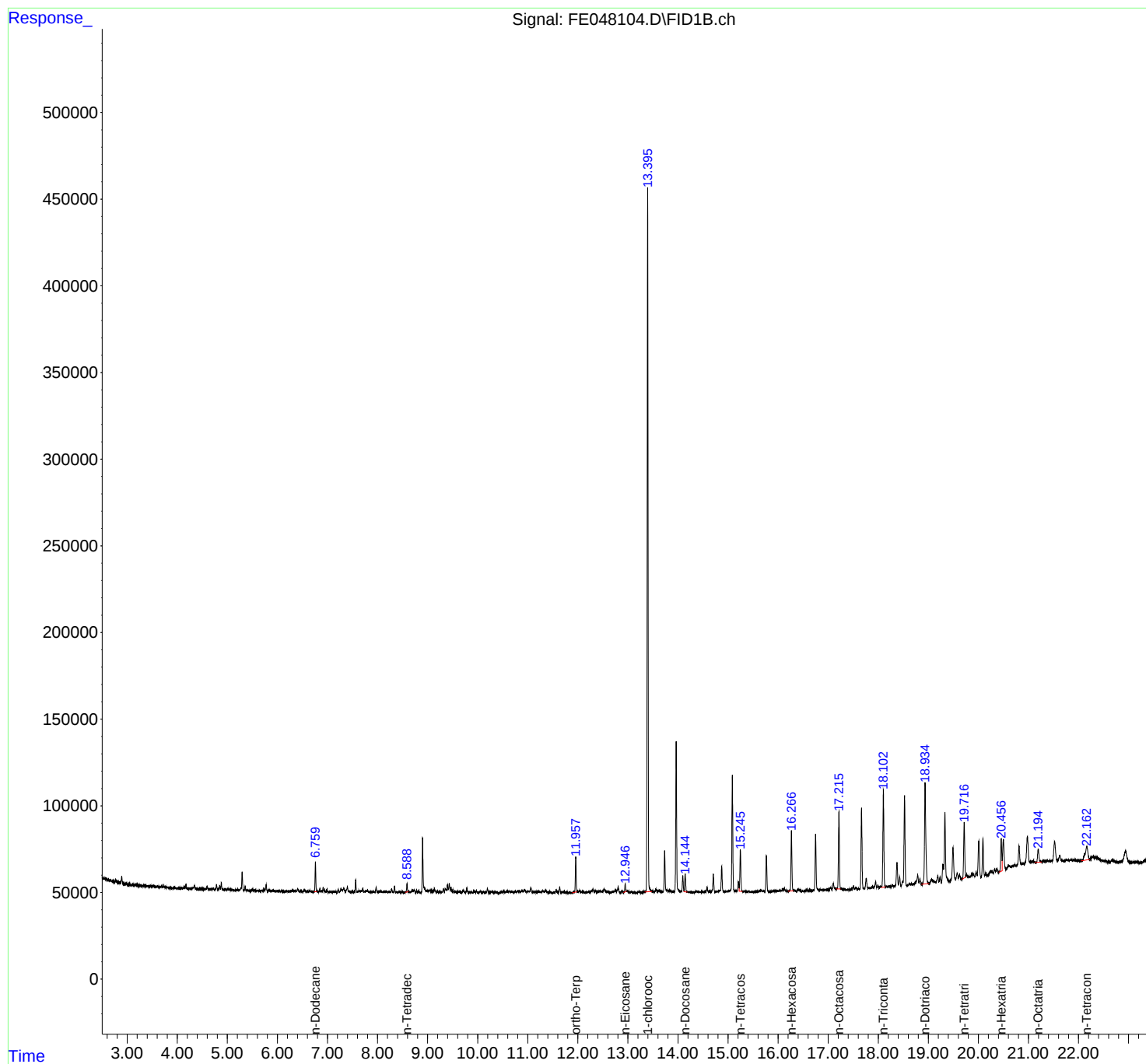
(m)=manual int.

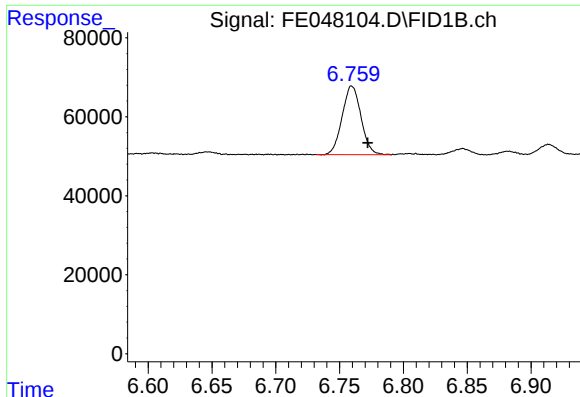
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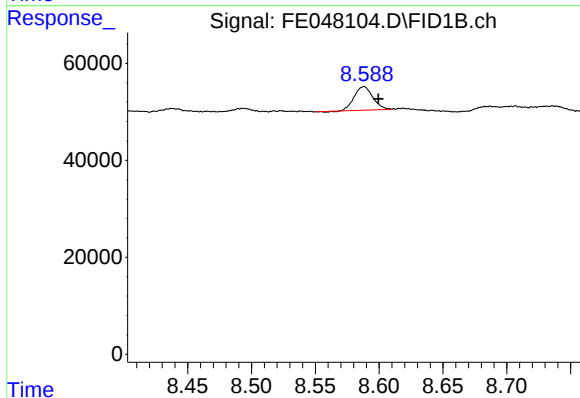




#4 n-Dodecane (C12)

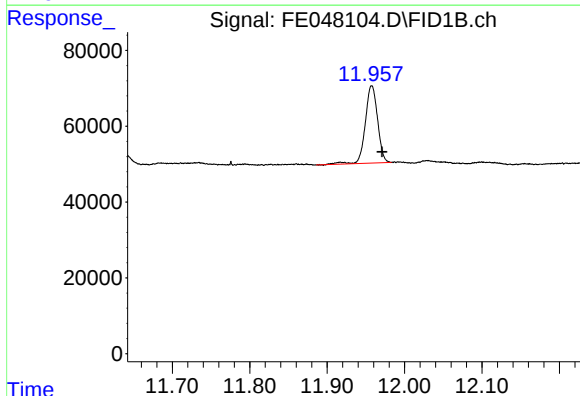
R.T.: 6.759 min
Delta R.T.: -0.013 min
Response: 179093
Conc: 1.34 ug/ml

Instrument :
FID_E
ClientSampleId :



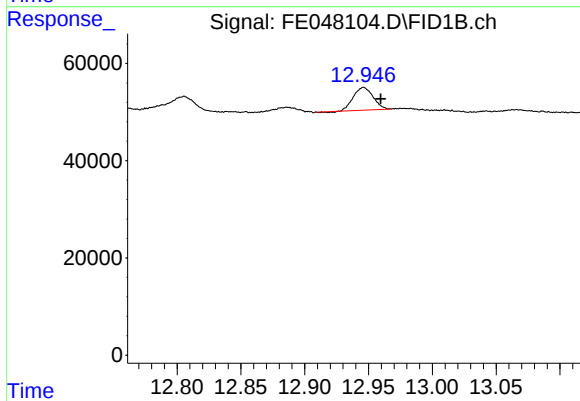
#6 n-Tetradecane (C14)

R.T.: 8.588 min
Delta R.T.: -0.011 min
Response: 48941
Conc: 0.37 ug/ml



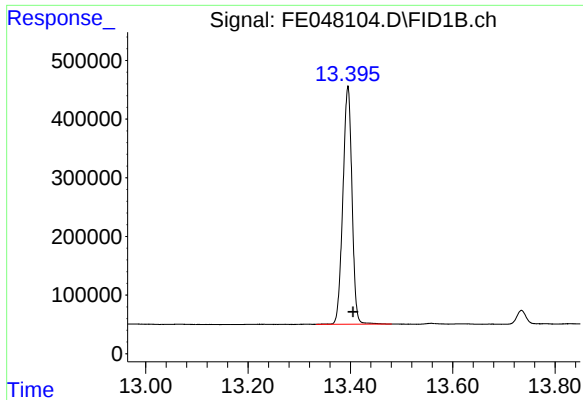
#9 ortho-Terphenyl (SURR)

R.T.: 11.958 min
Delta R.T.: -0.013 min
Response: 225386
Conc: 1.56 ug/ml



#10 n-Eicosane (C20)

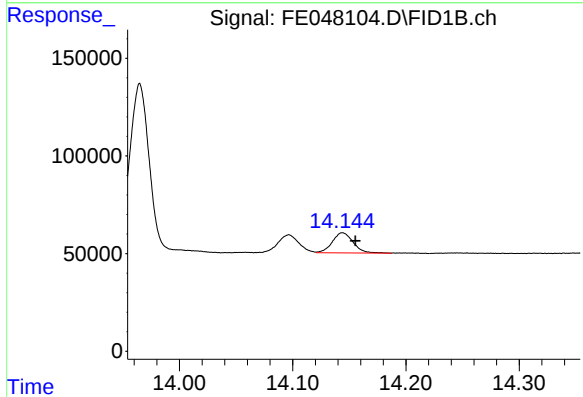
R.T.: 12.946 min
Delta R.T.: -0.013 min
Response: 49896
Conc: 0.37 ug/ml



#12 1-chlorooctadecane (SURR)

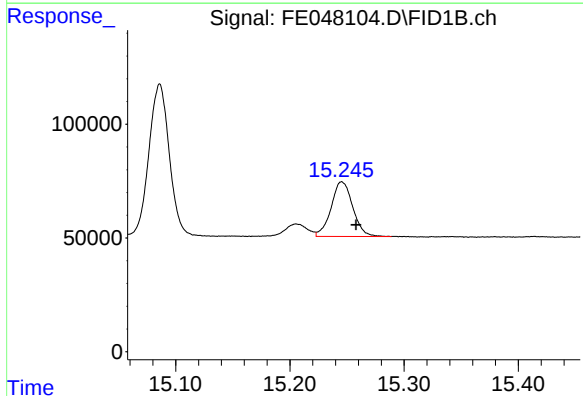
R.T.: 13.395 min
Delta R.T.: -0.010 min
Response: 5000530
Conc: 44.75 ug/ml

Instrument :
FID_E
ClientSampleId :



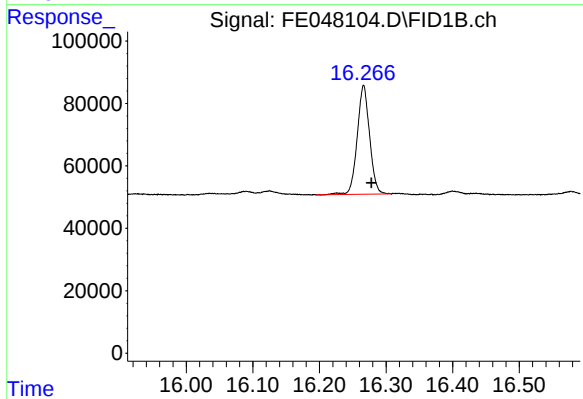
#13 n-Docosane (C22)

R.T.: 14.144 min
Delta R.T.: -0.011 min
Response: 131767
Conc: 0.99 ug/ml



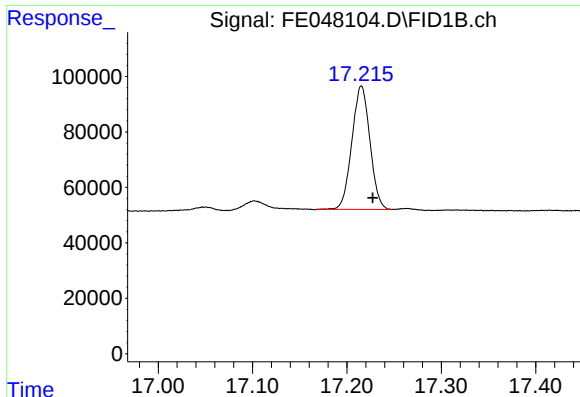
#14 n-Tetracosane (C24)

R.T.: 15.245 min
Delta R.T.: -0.012 min
Response: 315988
Conc: 2.37 ug/ml



#15 n-Hexacosane (C26)

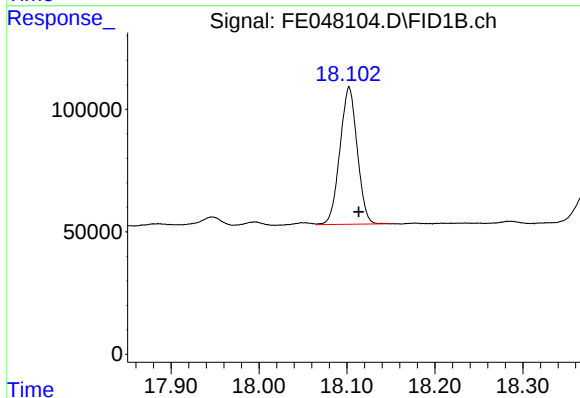
R.T.: 16.266 min
Delta R.T.: -0.012 min
Response: 450709
Conc: 3.38 ug/ml



#16 n-Octacosane (C28)

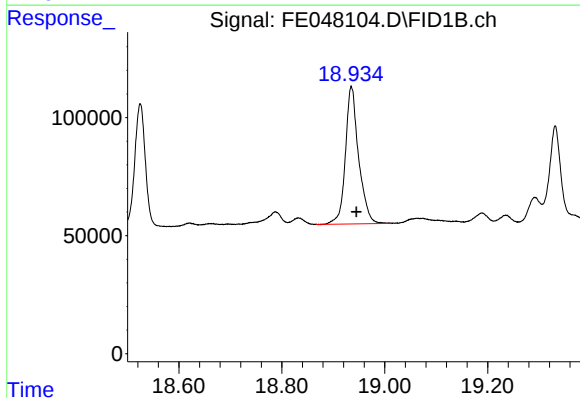
R.T.: 17.215 min
Delta R.T.: -0.012 min
Response: 592369
Conc: 4.45 ug/ml

Instrument :
FID_E
ClientSampleId :



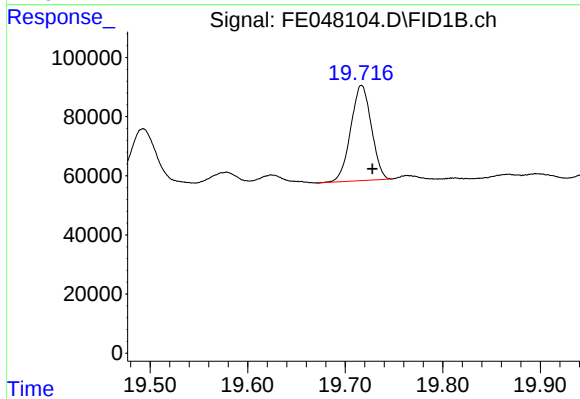
#17 n-Tricontane (C30)

R.T.: 18.102 min
Delta R.T.: -0.011 min
Response: 767264
Conc: 5.56 ug/ml



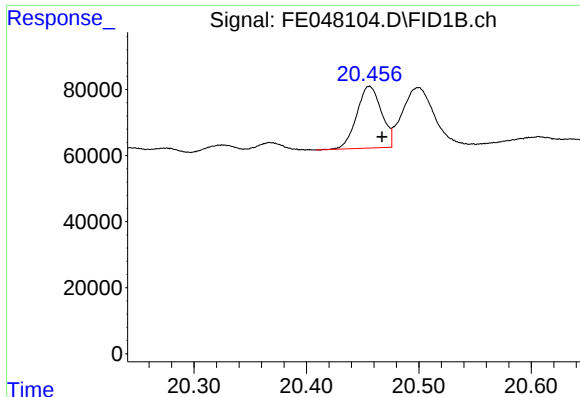
#18 n-Dotriacontane (C32)

R.T.: 18.935 min
Delta R.T.: -0.010 min
Response: 1038724
Conc: 7.52 ug/ml



#19 n-Tetratriacontane (C34)

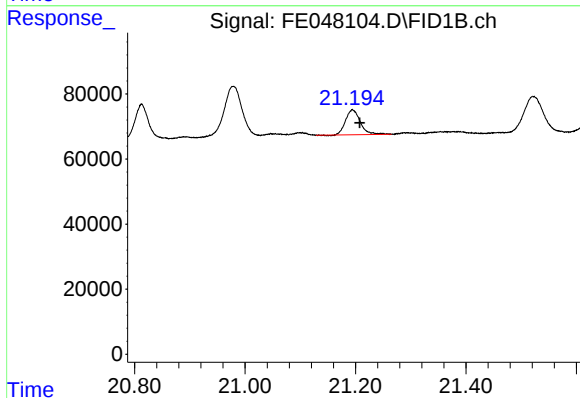
R.T.: 19.717 min
Delta R.T.: -0.011 min
Response: 472393
Conc: 3.47 ug/ml



#20 n-Hexatriacontane (C36)

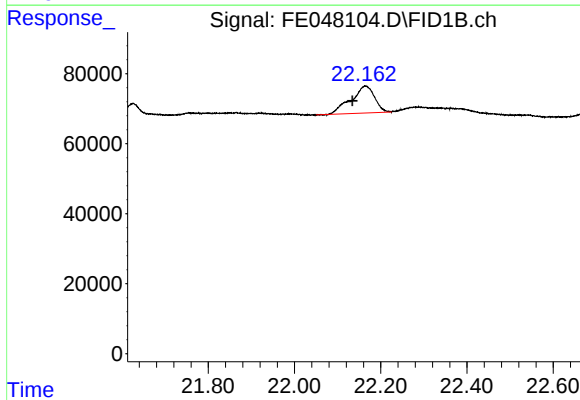
R.T.: 20.456 min
Delta R.T.: -0.011 min
Response: 285758
Conc: 2.11 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.194 min
Delta R.T.: -0.013 min
Response: 141343
Conc: 1.02 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.164 min
Delta R.T.: 0.030 min
Response: 291202
Conc: 2.09 ug/ml