

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052424AL\
 Data File : FE048382.D
 Signal(s) : FID1B.ch
 Acq On : 24 May 2024 10:27
 Operator : YP\AJ
 Sample : P2580-01DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 25 01:02:55 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)	11.955	937890	6.501 ug/ml
Spiked Amount 50.000		Recovery =	13.00%
12) S 1-chlorooctadecane (S...	13.378	5992983	53.633 ug/ml
Spiked Amount 50.000		Recovery =	107.27%
Target Compounds			
6) T n-Tetradecane (C14)	8.585	45268	0.342 ug/ml
7) T n-Hexadecane (C16)	10.192	71992	0.523 ug/ml
8) T n-Octadecane (C18)	11.635	73083	0.525 ug/ml
10) T n-Eicosane (C20)	12.942	65163	0.484 ug/ml
11) T n-Heneicosane (C21)	13.567	156280	1.181 ug/ml
13) T n-Docosane (C22)	14.142	10339	0.078 ug/ml
14) T n-Tetracosane (C24)	15.240	101068	0.759 ug/ml
16) T n-Octacosane (C28)	17.212	20555	0.154 ug/ml
17) T n-Tricontane (C30)	18.101	161850	1.173 ug/ml
18) T n-Dotriacontane (C32)	18.933	105839	0.766 ug/ml
19) T n-Tetratriacontane (C34)	19.714	89241	0.655 ug/ml
20) T n-Hexatriacontane (C36)	20.453	220170	1.626 ug/ml

(f)=RT Delta > 1/2 Window

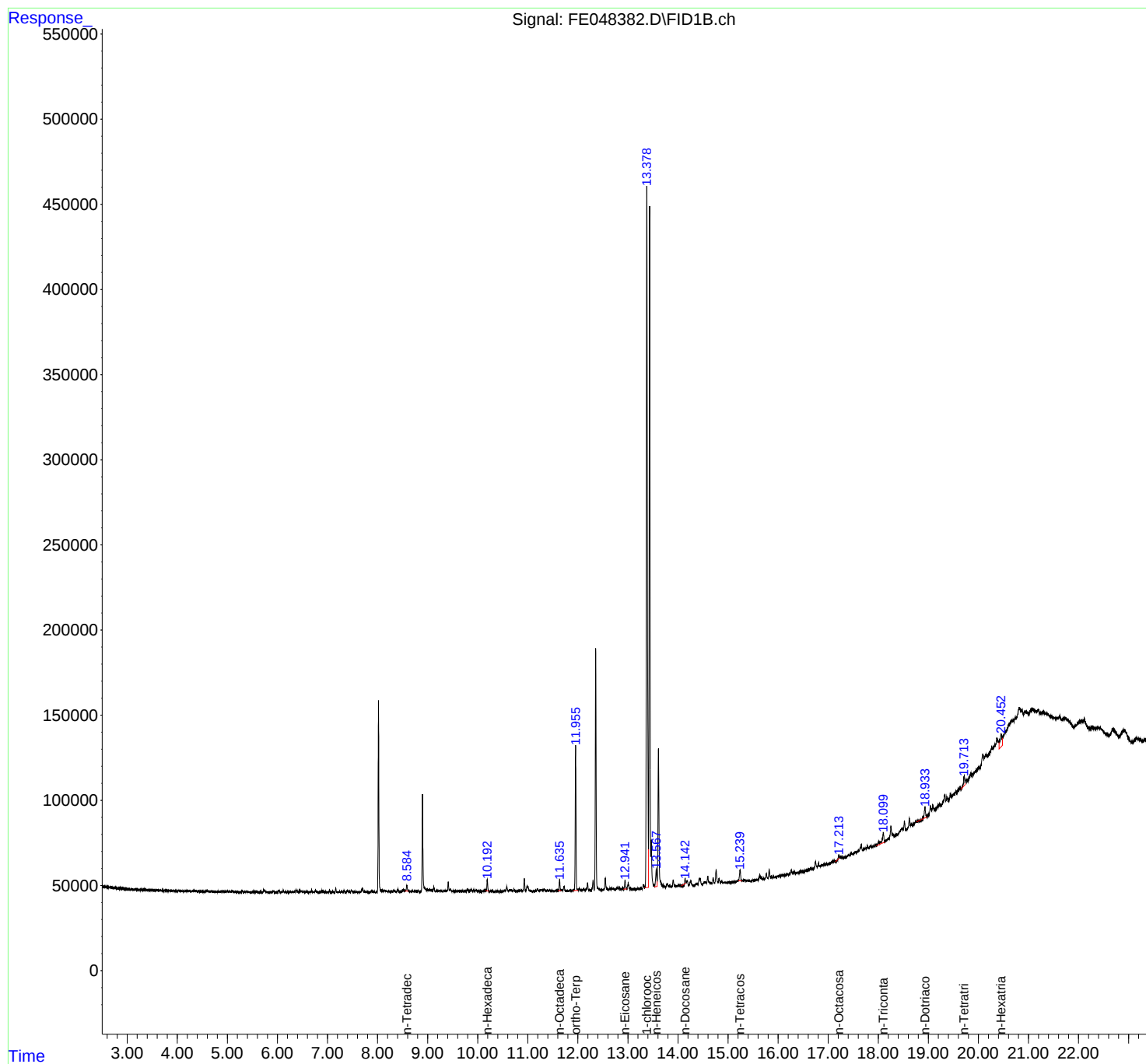
(m)=manual int.

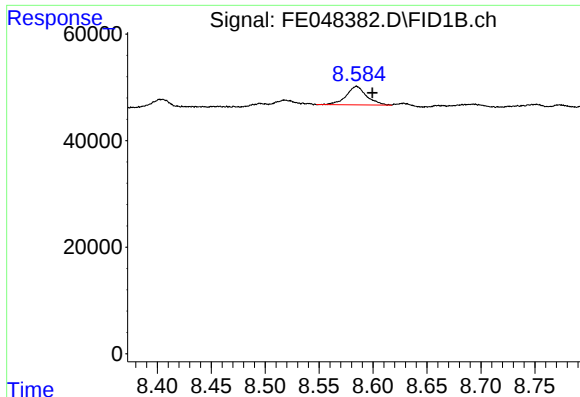
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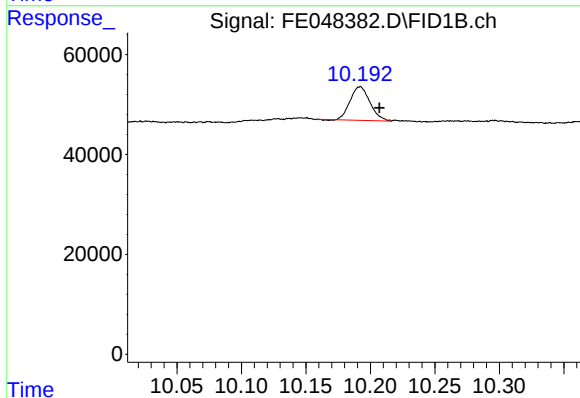




#6 n-Tetradecane (C14)

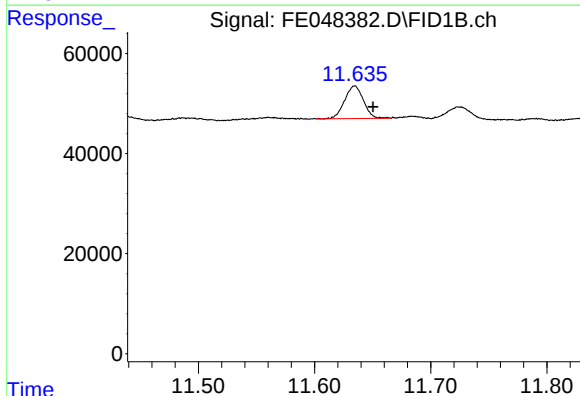
R.T.: 8.585 min
Delta R.T.: -0.015 min
Response: 45268
Conc: 0.34 ug/ml

Instrument :
FID_E
ClientSampleId :



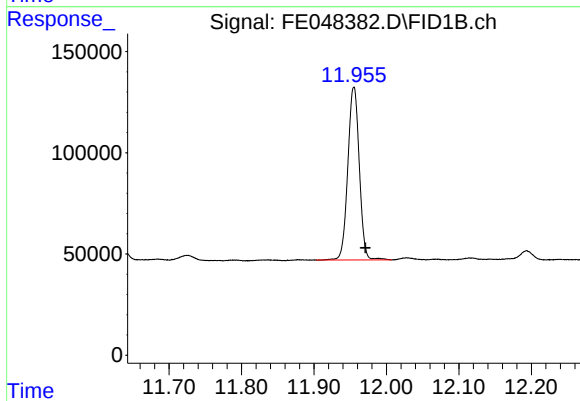
#7 n-Hexadecane (C16)

R.T.: 10.192 min
Delta R.T.: -0.015 min
Response: 71992
Conc: 0.52 ug/ml



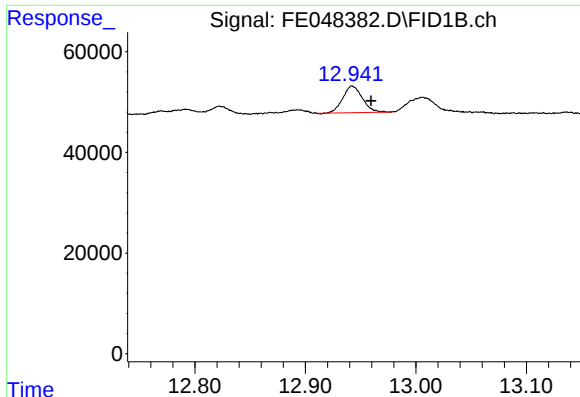
#8 n-Octadecane (C18)

R.T.: 11.635 min
Delta R.T.: -0.016 min
Response: 73083
Conc: 0.52 ug/ml



#9 ortho-Terphenyl (SURR)

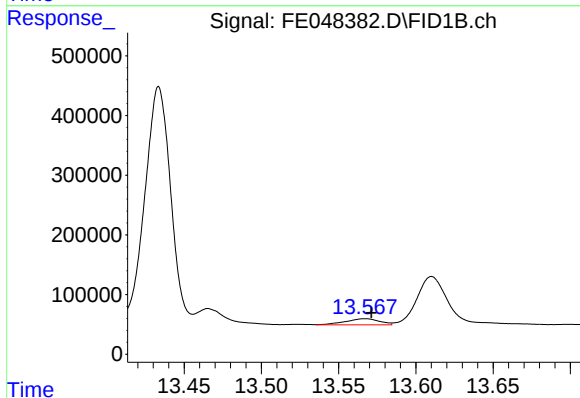
R.T.: 11.955 min
Delta R.T.: -0.016 min
Response: 937890
Conc: 6.50 ug/ml



#10 n-Eicosane (C20)

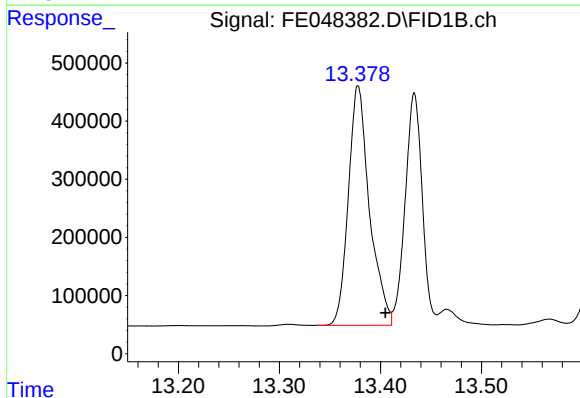
R.T.: 12.942 min
Delta R.T.: -0.017 min
Response: 65163
Conc: 0.48 ug/ml

Instrument :
FID_E
ClientSampleId :



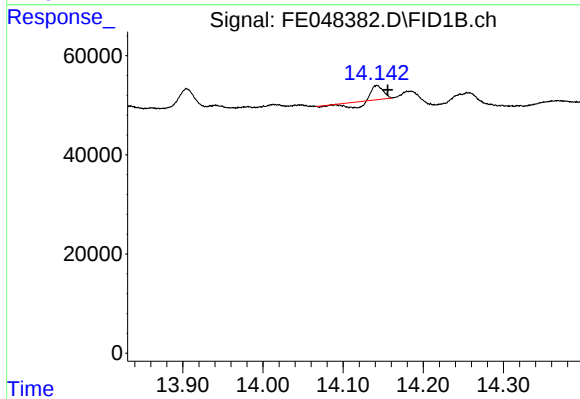
#11 n-Heneicosane (C21)

R.T.: 13.567 min
Delta R.T.: -0.004 min
Response: 156280
Conc: 1.18 ug/ml



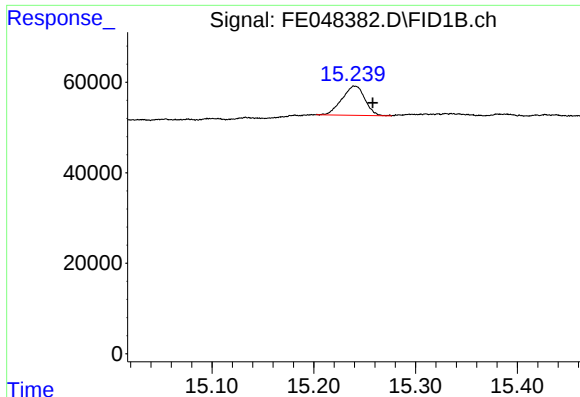
#12 1-chlorooctadecane (SURR)

R.T.: 13.378 min
Delta R.T.: -0.027 min
Response: 5992983
Conc: 53.63 ug/ml



#13 n-Docosane (C22)

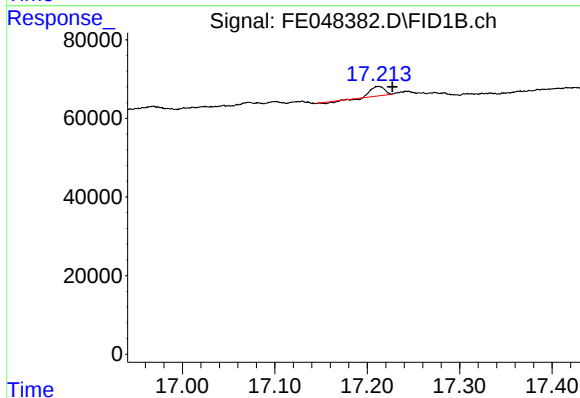
R.T.: 14.142 min
Delta R.T.: -0.013 min
Response: 10339
Conc: 0.08 ug/ml



#14 n-Tetracosane (C24)

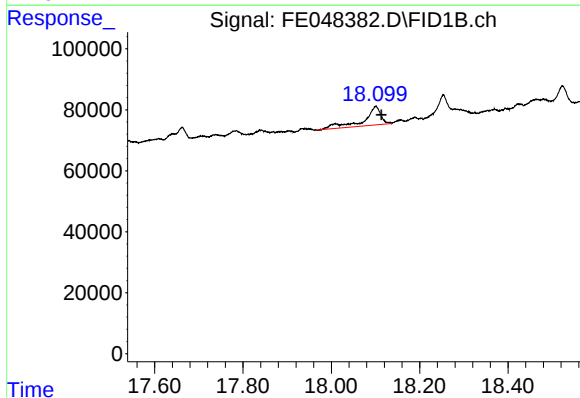
R.T.: 15.240 min
Delta R.T.: -0.018 min
Response: 101068
Conc: 0.76 ug/ml

Instrument :
FID_E
ClientSampleId :



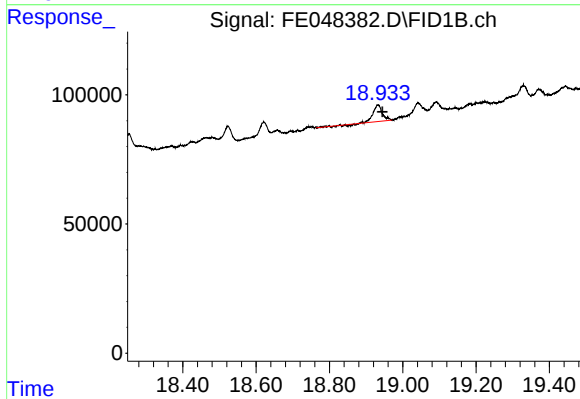
#16 n-Octacosane (C28)

R.T.: 17.212 min
Delta R.T.: -0.015 min
Response: 20555
Conc: 0.15 ug/ml



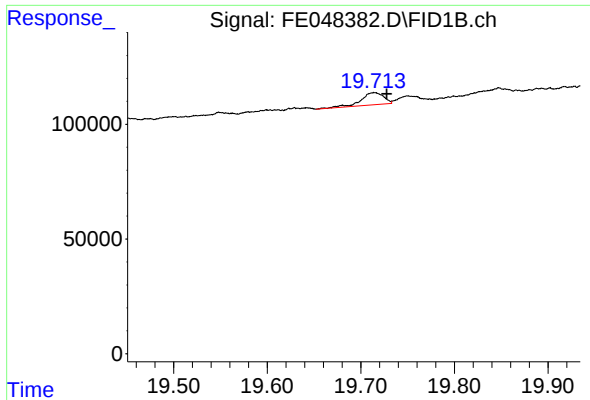
#17 n-Tricontane (C30)

R.T.: 18.101 min
Delta R.T.: -0.013 min
Response: 161850
Conc: 1.17 ug/ml



#18 n-Dotriacontane (C32)

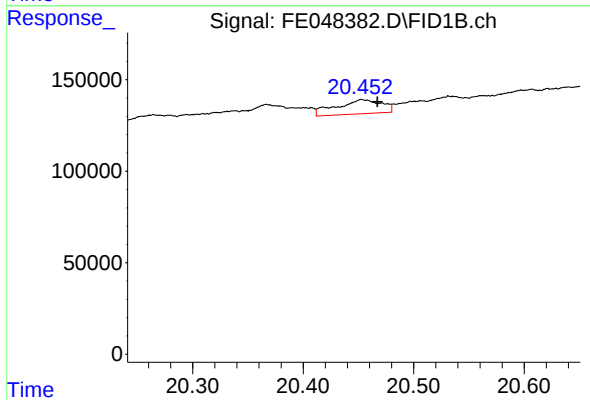
R.T.: 18.933 min
Delta R.T.: -0.012 min
Response: 105839
Conc: 0.77 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.013 min
Response: 89241
Conc: 0.66 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.453 min
Delta R.T.: -0.015 min
Response: 220170
Conc: 1.63 ug/ml