

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071223AL\
 Data File : FE043174.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jul 2023 11:14
 Operator : YP\AJ
 Sample : 03570-01DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 12 13:30:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 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)	11.901	1109529	6.040 ug/ml
Spiked Amount 50.000		Recovery =	12.08%
12) S 1-chlorooctadecane (S...	13.340	938018	6.893 ug/ml
Spiked Amount 50.000		Recovery =	13.79%
Target Compounds			
7) T n-Hexadecane (C16)	10.141	89811	0.545 ug/ml
8) T n-Octadecane (C18)	11.583	109672	0.660 ug/ml
10) T n-Eicosane (C20)	12.893	202719	1.278 ug/ml
11) T n-Heneicosane (C21)	13.505	58249	0.376 ug/ml
13) T n-Docosane (C22)	14.092	55461	0.364 ug/ml
14) T n-Tetracosane (C24)	15.183	434429	2.928 ug/ml
16) T n-Octacosane (C28)	17.188	104199	0.751 ug/ml
17) T n-Tricontane (C30)	18.055	112331	0.794 ug/ml
20) T n-Hexatriacontane (C36)	20.411	73421	0.549 ug/ml

(f)=RT Delta > 1/2 Window

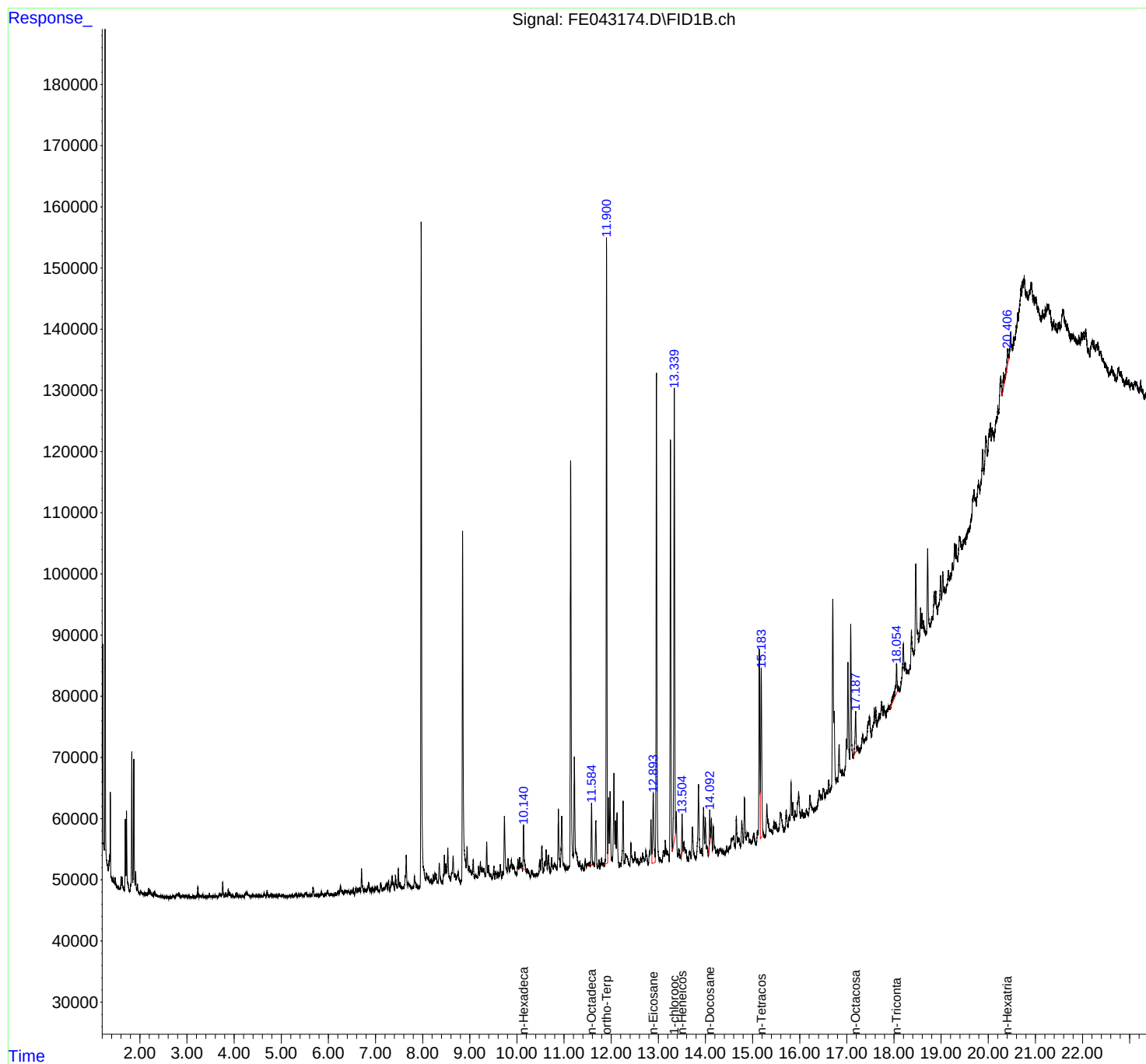
(m)=manual int.

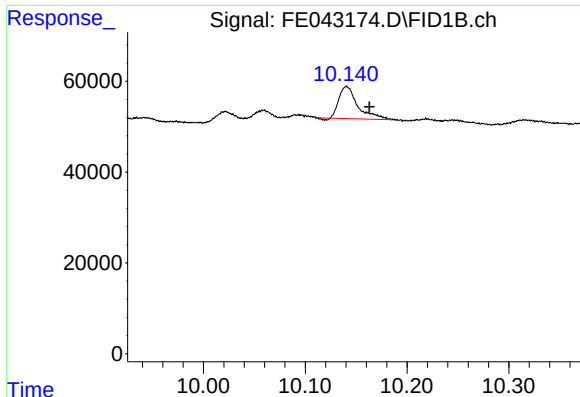
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

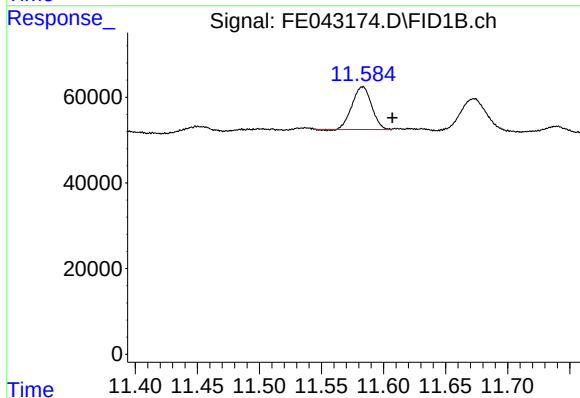




#7 n-Hexadecane (C16)

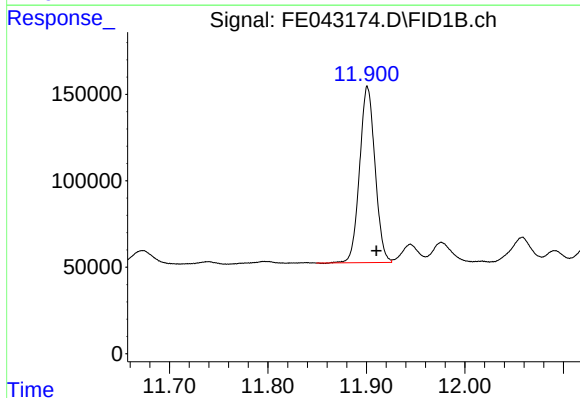
R.T.: 10.141 min
Delta R.T.: -0.022 min
Response: 89811
Conc: 0.55 ug/ml

Instrument :
FID_E
ClientSampleId :



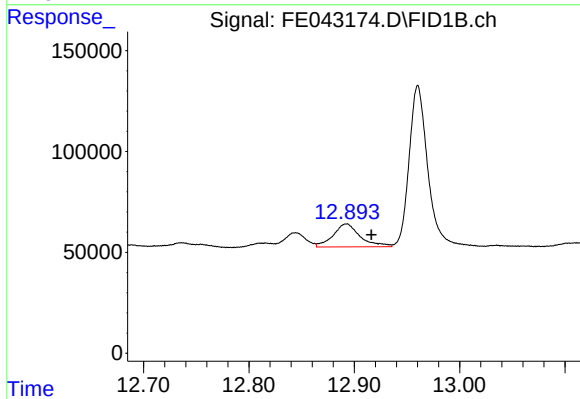
#8 n-Octadecane (C18)

R.T.: 11.583 min
Delta R.T.: -0.024 min
Response: 109672
Conc: 0.66 ug/ml



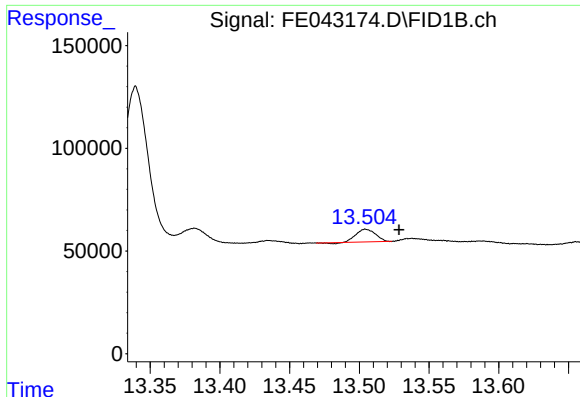
#9 ortho-Terphenyl (SURR)

R.T.: 11.901 min
Delta R.T.: -0.009 min
Response: 1109529
Conc: 6.04 ug/ml



#10 n-Eicosane (C20)

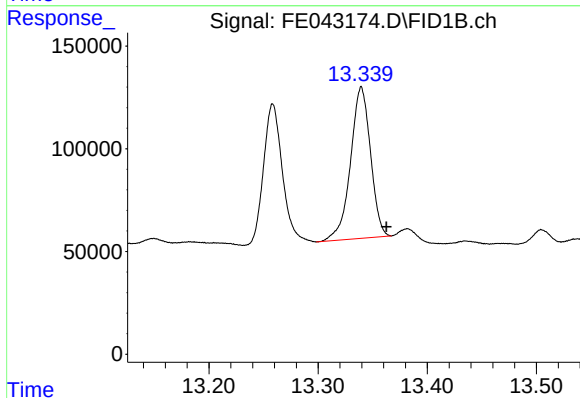
R.T.: 12.893 min
Delta R.T.: -0.024 min
Response: 202719
Conc: 1.28 ug/ml



#11 n-Heneicosane (C21)

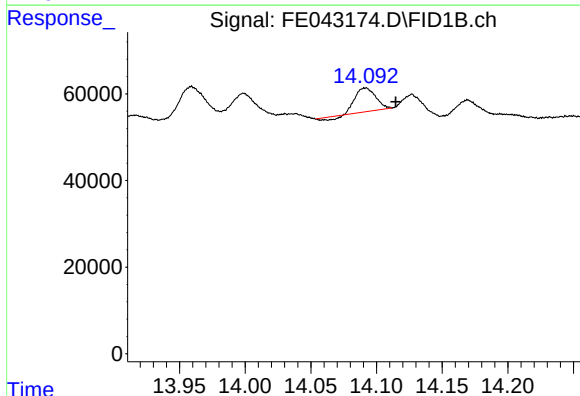
R.T.: 13.505 min
Delta R.T.: -0.024 min
Response: 58249
Conc: 0.38 ug/ml

Instrument :
FID_E
ClientSampleId :



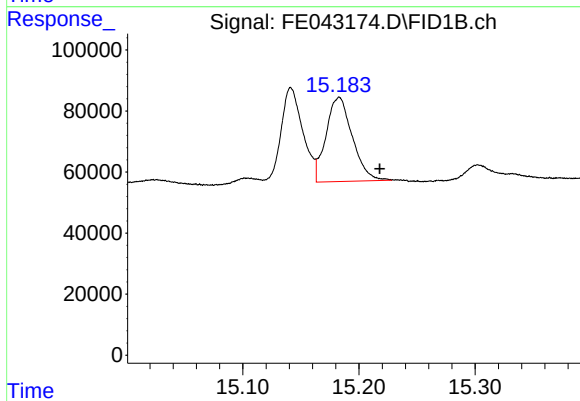
#12 1-chlorooctadecane (SURR)

R.T.: 13.340 min
Delta R.T.: -0.023 min
Response: 938018
Conc: 6.89 ug/ml



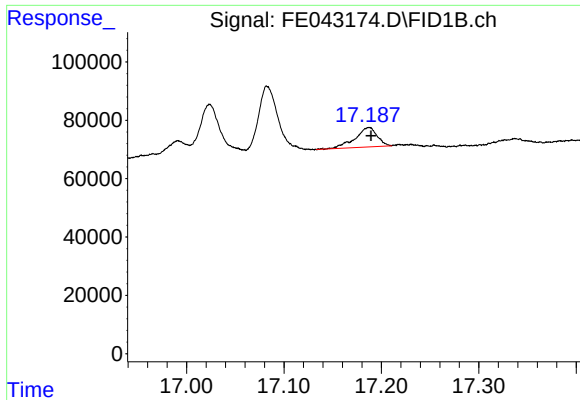
#13 n-Docosane (C22)

R.T.: 14.092 min
Delta R.T.: -0.023 min
Response: 55461
Conc: 0.36 ug/ml



#14 n-Tetracosane (C24)

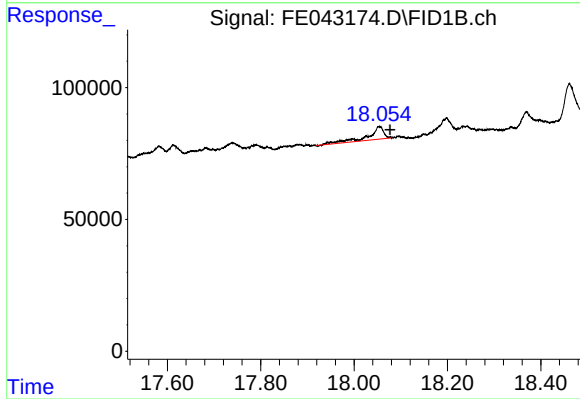
R.T.: 15.183 min
Delta R.T.: -0.035 min
Response: 434429
Conc: 2.93 ug/ml



#16 n-Octacosane (C28)

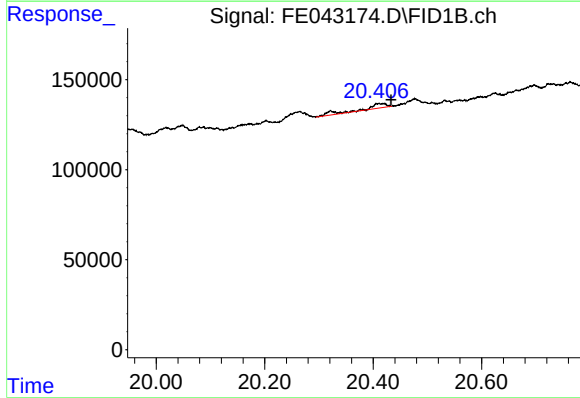
R.T.: 17.188 min
Delta R.T.: -0.002 min
Response: 104199
Conc: 0.75 ug/ml

Instrument :
FID_E
ClientSampleId :



#17 n-Tricontane (C30)

R.T.: 18.055 min
Delta R.T.: -0.022 min
Response: 112331
Conc: 0.79 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.411 min
Delta R.T.: -0.023 min
Response: 73421
Conc: 0.55 ug/ml