

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100223AL\
 Data File : FE044562.D
 Signal(s) : FID1B.ch
 Acq On : 02 Oct 2023 21:53
 Operator : YP\AJ
 Sample : 04691-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 03 00:45:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 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)	11.923	6826992	36.364 ug/ml
Spiked Amount 50.000		Recovery =	72.73%
12) S 1-chlorooctadecane (S...	13.362	5238364	38.505 ug/ml
Spiked Amount 50.000		Recovery =	77.01%
Target Compounds			
4) T n-Dodecane (C12)	6.723	84075	0.505 ug/ml
6) T n-Tetradecane (C14)	8.550	184506	1.124 ug/ml
7) T n-Hexadecane (C16)	10.158	270277	1.595 ug/ml
8) T n-Octadecane (C18)	11.604	232561	1.370 ug/ml
10) T n-Eicosane (C20)	12.915	185641	1.154 ug/ml
11) T n-Heneicosane (C21)	13.527	123768	0.790 ug/ml
13) T n-Docosane (C22)	14.114	117355	0.761 ug/ml
14) T n-Tetracosane (C24)	15.190	52176	0.345 ug/ml
17) T n-Tricontane (C30)	18.079	174103	1.175 ug/ml

(f)=RT Delta > 1/2 Window

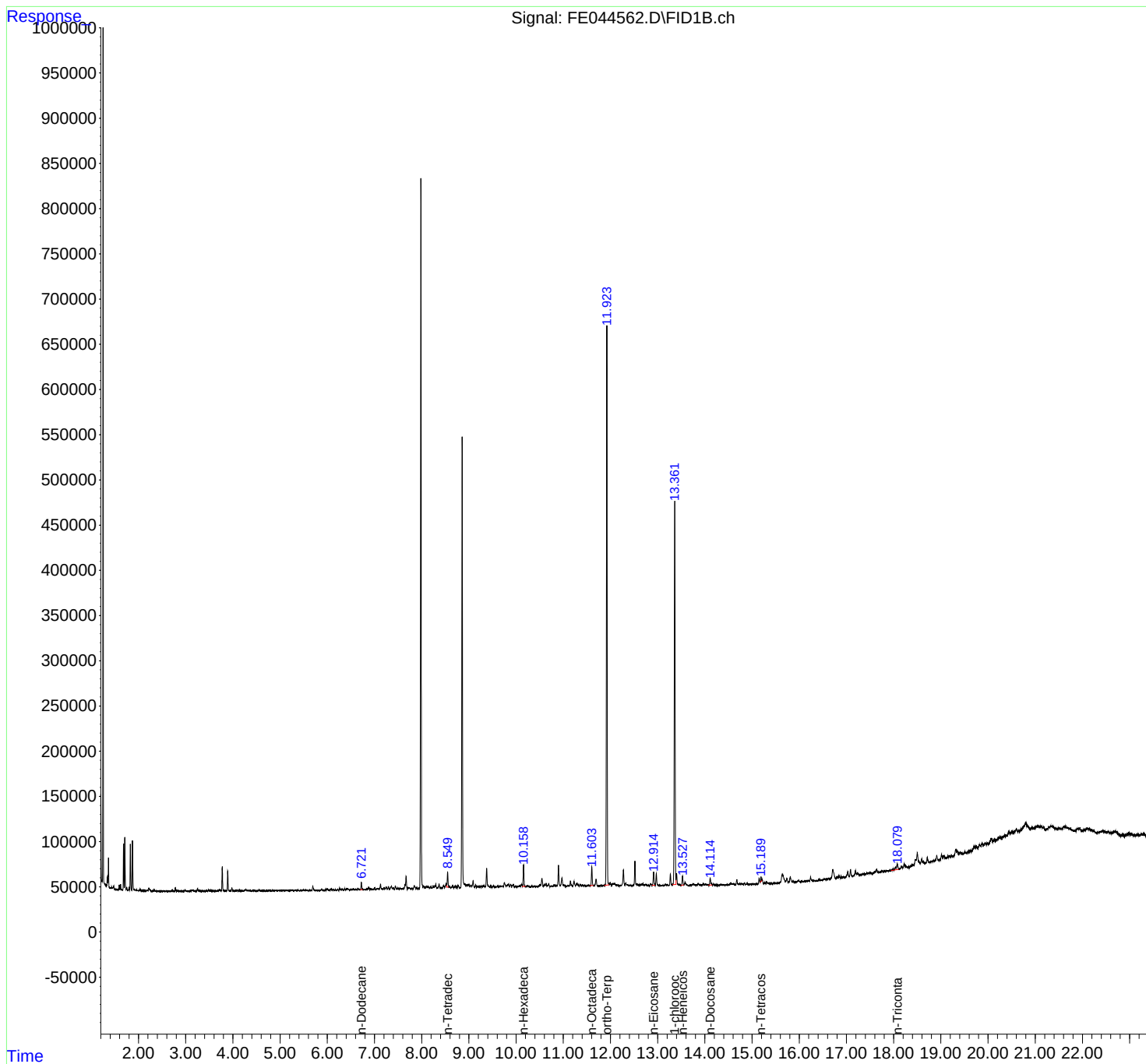
(m)=manual int.

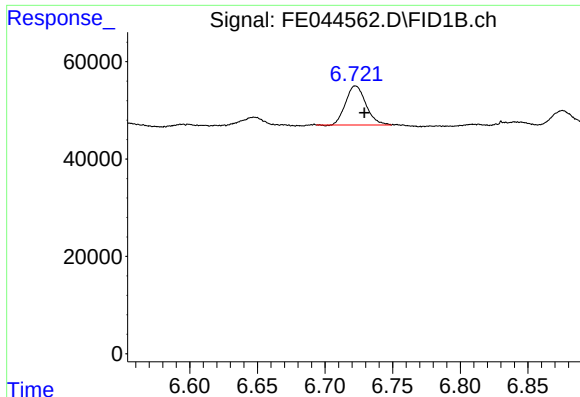
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

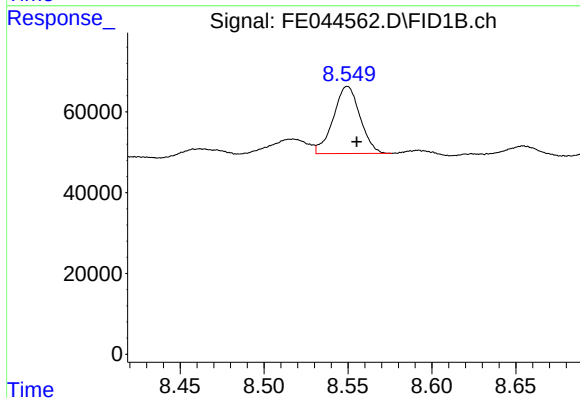




#4 n-Dodecane (C12)

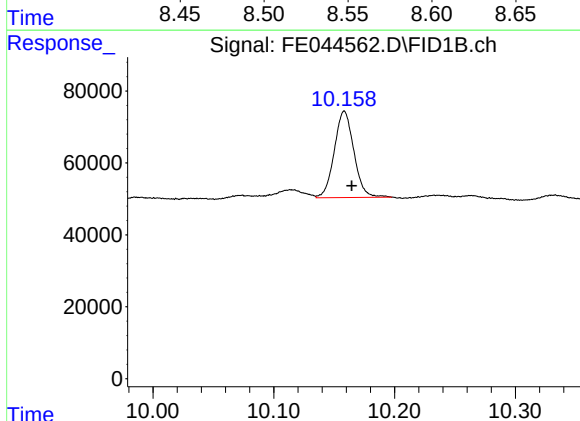
R.T.: 6.723 min
Delta R.T.: -0.006 min
Response: 84075
Conc: 0.51 ug/ml

Instrument :
FID_E
ClientSampleId :



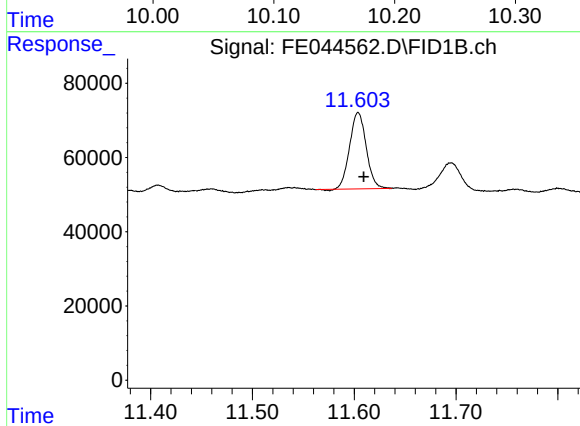
#6 n-Tetradecane (C14)

R.T.: 8.550 min
Delta R.T.: -0.006 min
Response: 184506
Conc: 1.12 ug/ml



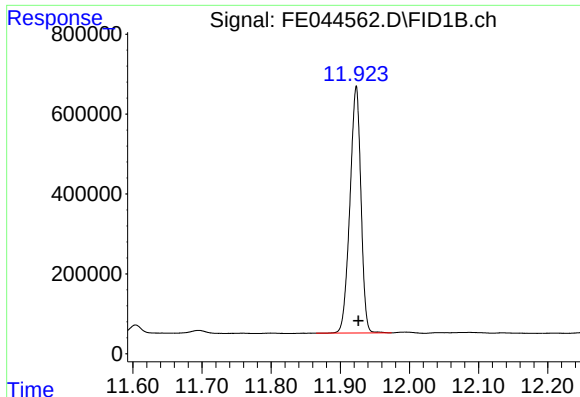
#7 n-Hexadecane (C16)

R.T.: 10.158 min
Delta R.T.: -0.006 min
Response: 270277
Conc: 1.60 ug/ml



#8 n-Octadecane (C18)

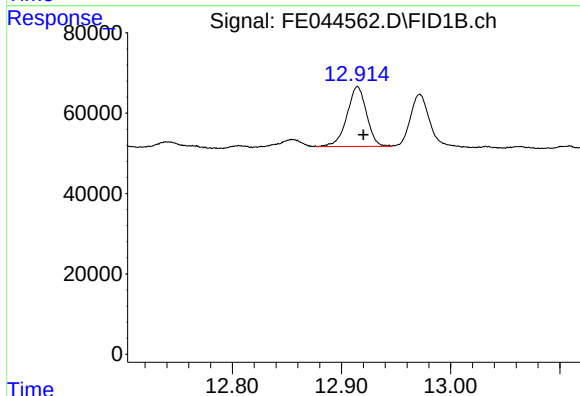
R.T.: 11.604 min
Delta R.T.: -0.006 min
Response: 232561
Conc: 1.37 ug/ml



#9 ortho-Terphenyl (SURR)

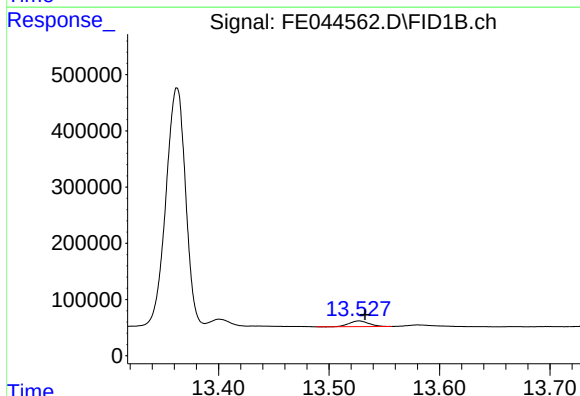
R.T.: 11.923 min
Delta R.T.: -0.003 min
Response: 6826992
Conc: 36.36 ug/ml

Instrument :
FID_E
ClientSampleId :



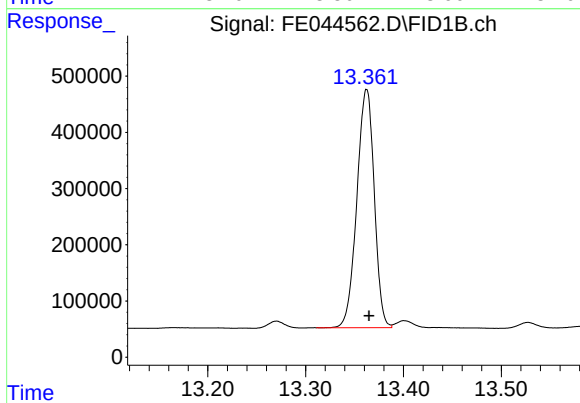
#10 n-Eicosane (C20)

R.T.: 12.915 min
Delta R.T.: -0.005 min
Response: 185641
Conc: 1.15 ug/ml



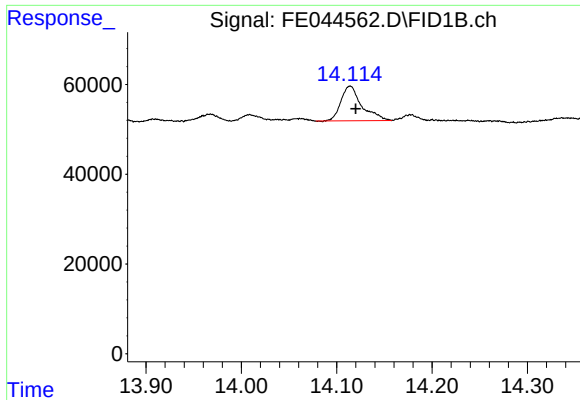
#11 n-Heneicosane (C21)

R.T.: 13.527 min
Delta R.T.: -0.005 min
Response: 123768
Conc: 0.79 ug/ml



#12 1-chlorooctadecane (SURR)

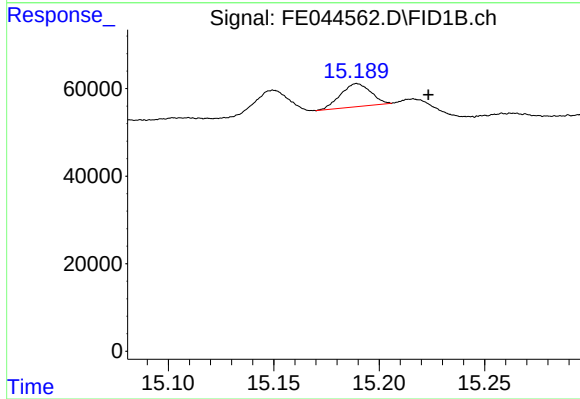
R.T.: 13.362 min
Delta R.T.: -0.003 min
Response: 5238364
Conc: 38.51 ug/ml



#13 n-Docosane (C22)

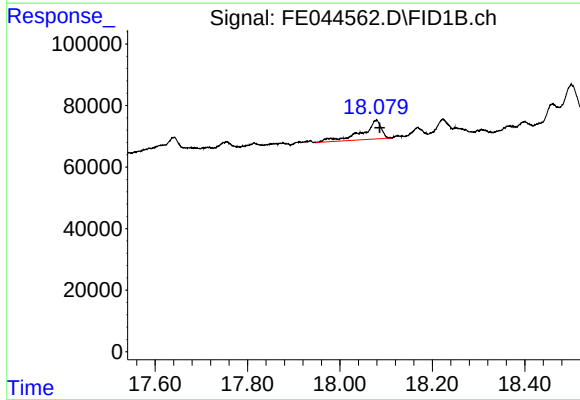
R.T.: 14.114 min
Delta R.T.: -0.006 min
Response: 117355
Conc: 0.76 ug/ml

Instrument :
FID_E
ClientSampleId :



#14 n-Tetracosane (C24)

R.T.: 15.190 min
Delta R.T.: -0.034 min
Response: 52176
Conc: 0.35 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.079 min
Delta R.T.: -0.007 min
Response: 174103
Conc: 1.17 ug/ml