

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012425AL\
 Data File : FE052038.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jan 2025 08:46
 Operator : YP\AJ
 Sample : Q1154-02DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 25 04:57:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 16:05:07 2025
 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)	12.209	40689532	284.688 ug/ml
Spiked Amount 50.000		Recovery =	569.38%
12) S 1-chlorooctadecane (S...	13.623	12011579	104.708 ug/ml
Spiked Amount 50.000		Recovery =	209.42%
Target Compounds			
6) T n-Tetradecane (C14)	8.790	379328	3.261 ug/ml
7) T n-Hexadecane (C16)	10.440	17790961	141.064 ug/ml
8) T n-Octadecane (C18)	11.881	30329415	229.235 ug/ml
10) T n-Eicosane (C20)	13.157	8197077	62.528 ug/ml
11) T n-Heneicosane (C21)	13.782	5516190	42.379 ug/ml
13) T n-Docosane (C22)	14.363	4357344	33.202 ug/ml
14) T n-Tetracosane (C24)	15.445	951568	7.164 ug/ml
15) T n-Hexacosane (C26)	16.519	236585	1.790 ug/ml

(f)=RT Delta > 1/2 Window

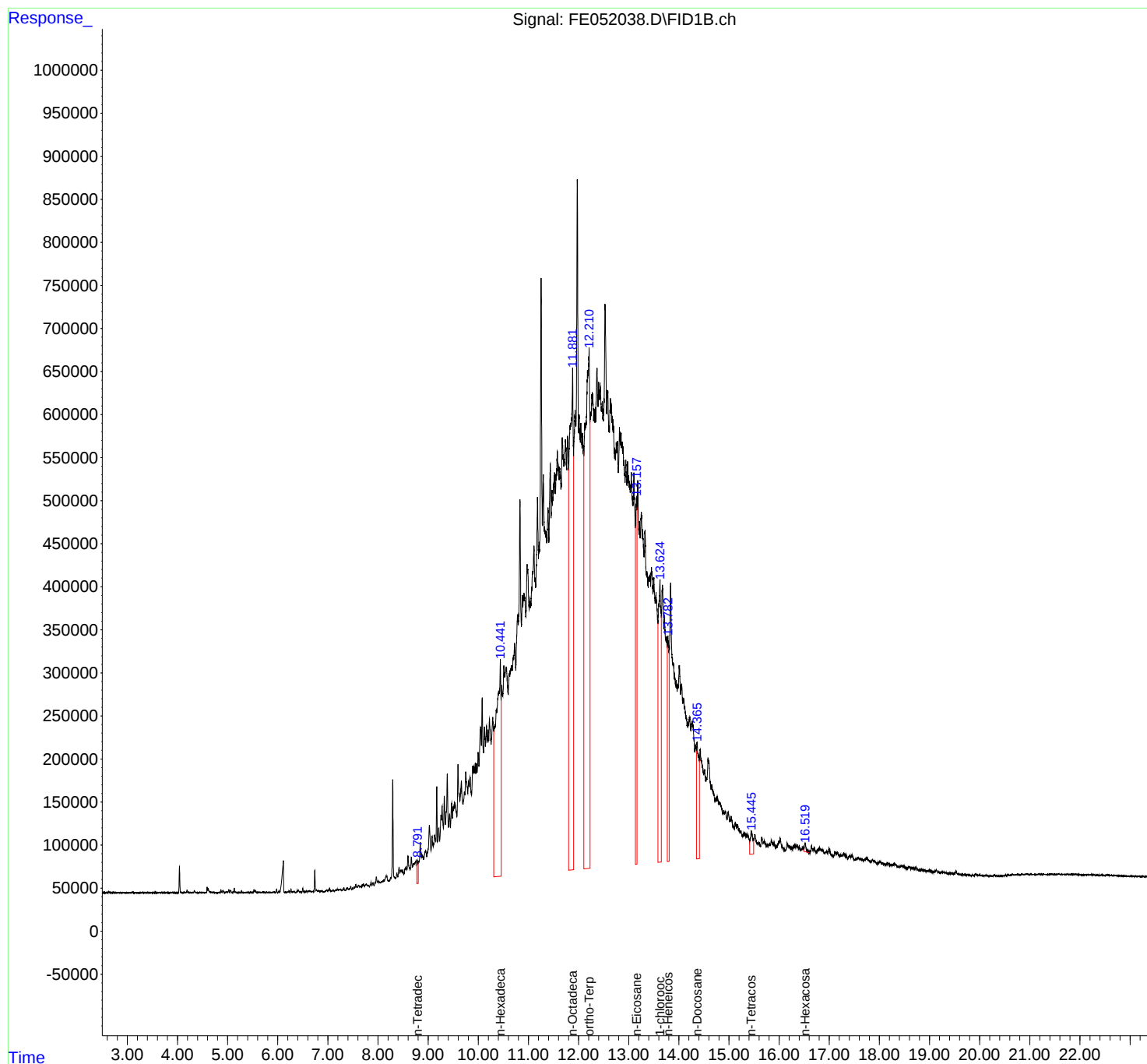
(m)=manual int.

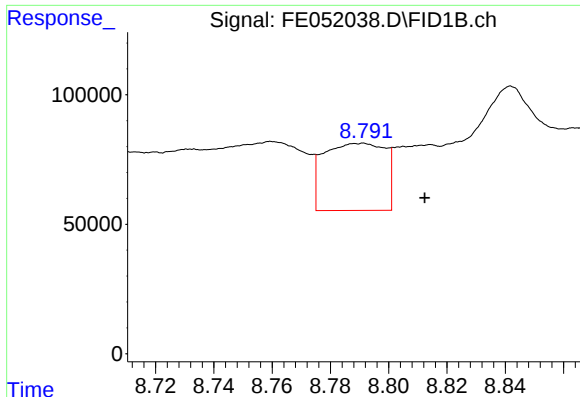
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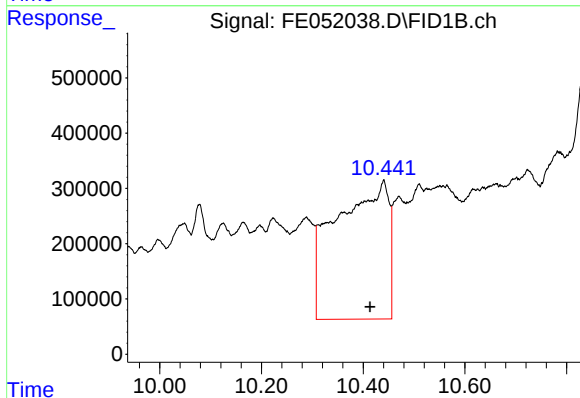




#6 n-Tetradecane (C14)

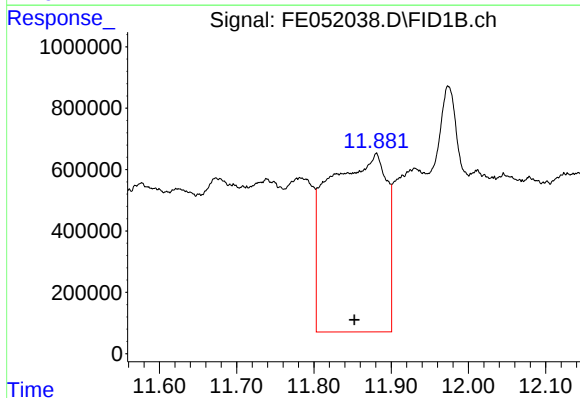
R.T.: 8.790 min
Delta R.T.: -0.022 min
Response: 379328
Conc: 3.26 ug/ml

Instrument :
FID_E
ClientSampleId :



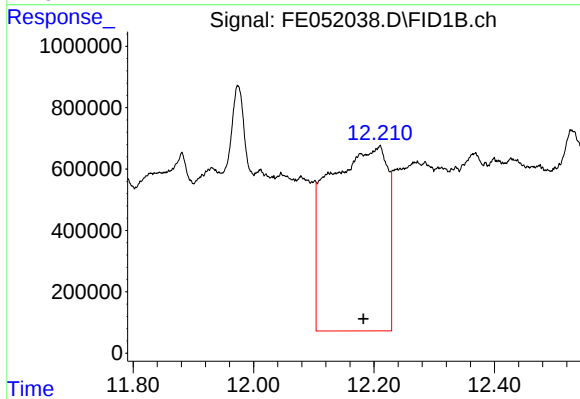
#7 n-Hexadecane (C16)

R.T.: 10.440 min
Delta R.T.: 0.027 min
Response: 17790961
Conc: 141.06 ug/ml



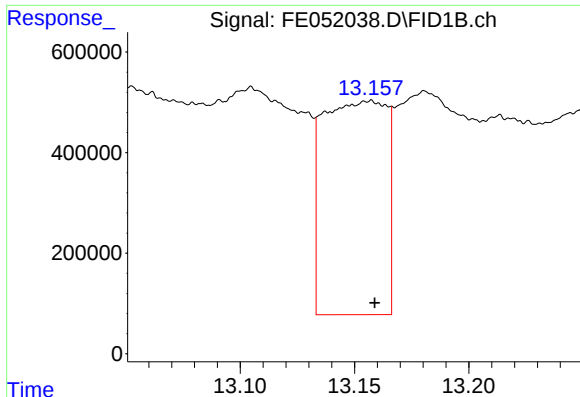
#8 n-Octadecane (C18)

R.T.: 11.881 min
Delta R.T.: 0.028 min
Response: 30329415
Conc: 229.24 ug/ml



#9 ortho-Terphenyl (SURR)

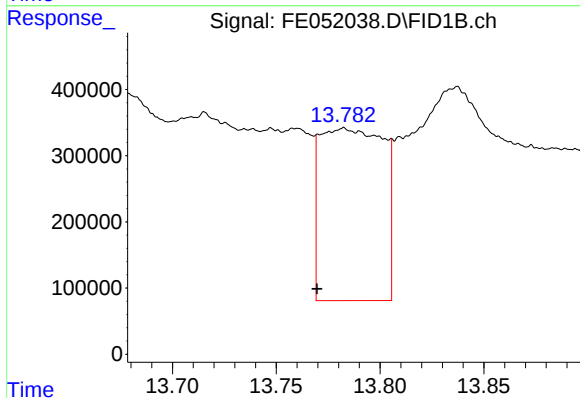
R.T.: 12.209 min
Delta R.T.: 0.026 min
Response: 40689532
Conc: 284.69 ug/ml



#10 n-Eicosane (C20)

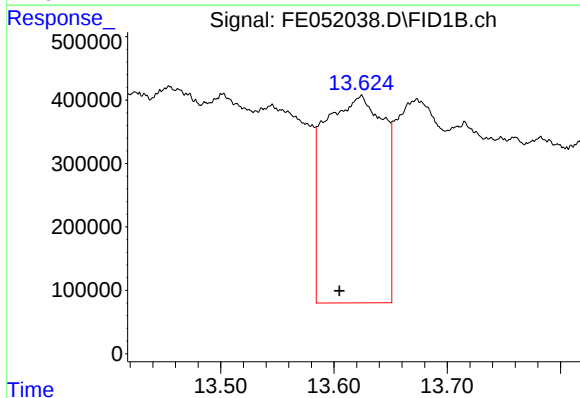
R.T.: 13.157 min
Delta R.T.: -0.002 min
Response: 8197077
Conc: 62.53 ug/ml

Instrument :
FID_E
ClientSampleId :



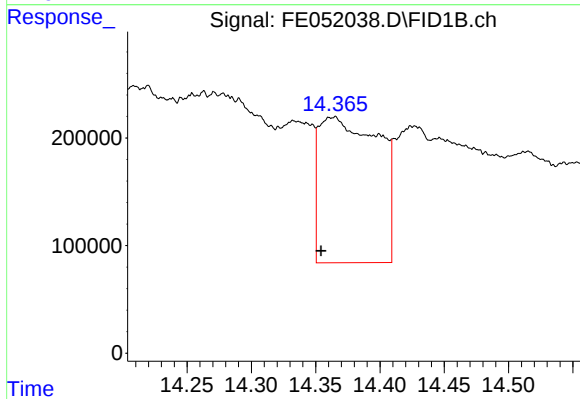
#11 n-Heneicosane (C21)

R.T.: 13.782 min
Delta R.T.: 0.013 min
Response: 5516190
Conc: 42.38 ug/ml



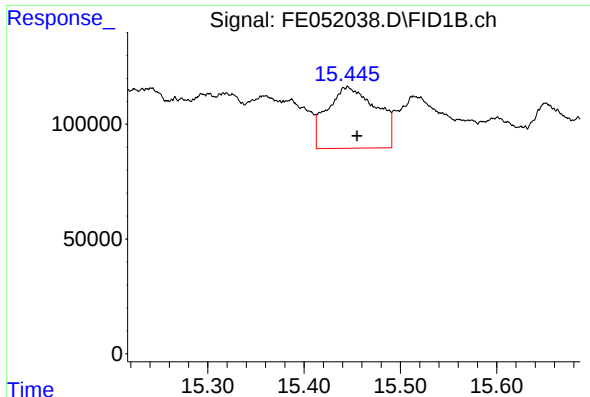
#12 1-chlorooctadecane (SURR)

R.T.: 13.623 min
Delta R.T.: 0.018 min
Response: 12011579
Conc: 104.71 ug/ml



#13 n-Docosane (C22)

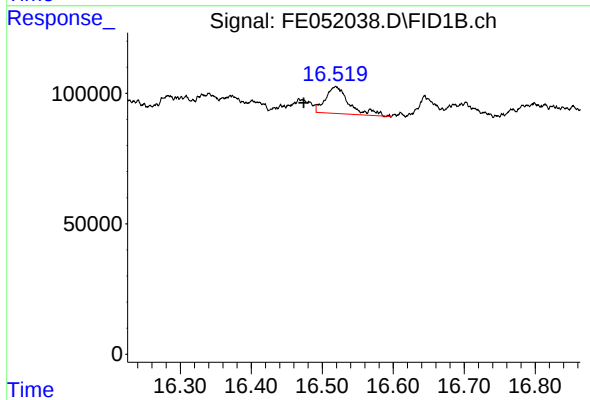
R.T.: 14.363 min
Delta R.T.: 0.009 min
Response: 4357344
Conc: 33.20 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.445 min
Delta R.T.: -0.010 min
Response: 951568
Conc: 7.16 ug/ml

Instrument :
FID_E
ClientSampleId :



#15 n-Hexacosane (C26)

R.T.: 16.519 min
Delta R.T.: 0.045 min
Response: 236585
Conc: 1.79 ug/ml