

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012425AL\
 Data File : FE052036.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jan 2025 07:46
 Operator : YP\AJ
 Sample : Q1154-01DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 25 04:56:27 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)	12.208	43296285	302.926 ug/ml
Spiked Amount 50.000		Recovery =	605.85%
12) S 1-chlorooctadecane (S...	13.624	12301639	107.237 ug/ml
Spiked Amount 50.000		Recovery =	214.47%
Target Compounds			
6) T n-Tetradecane (C14)	8.788	270991	2.330 ug/ml
7) T n-Hexadecane (C16)	10.416	12773339	101.279 ug/ml
8) T n-Octadecane (C18)	11.880	29681281	224.337 ug/ml
10) T n-Eicosane (C20)	13.182	15218059	116.085 ug/ml
11) T n-Heneicosane (C21)	13.754	3697557	28.407 ug/ml
13) T n-Docosane (C22)	14.366	3901223	29.727 ug/ml
14) T n-Tetracosane (C24)	15.516f	152184	1.146 ug/ml
15) T n-Hexacosane (C26)	16.522	342273	2.589 ug/ml

(f)=RT Delta > 1/2 Window

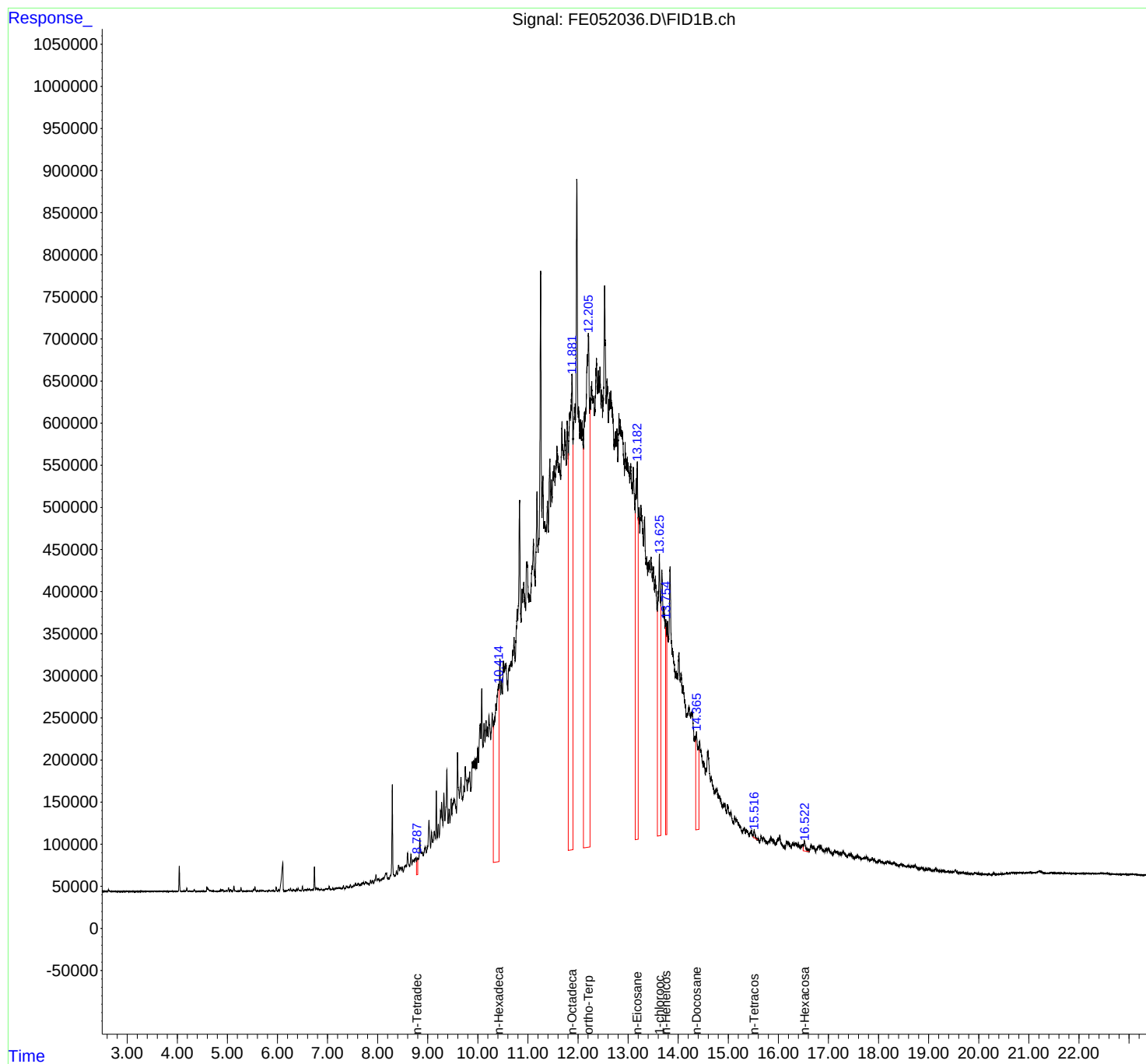
(m)=manual int.

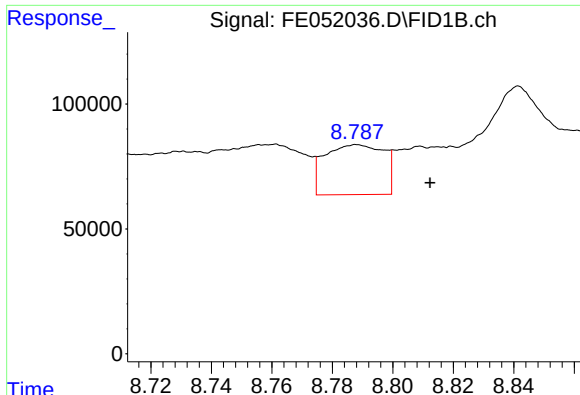
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Signal Info : 20M x 0.18mm x 0.18um

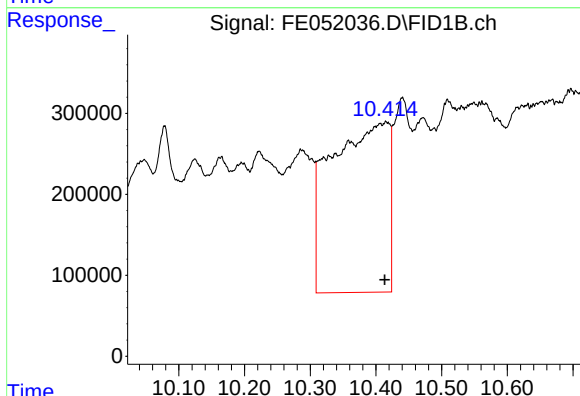




#6 n-Tetradecane (C14)

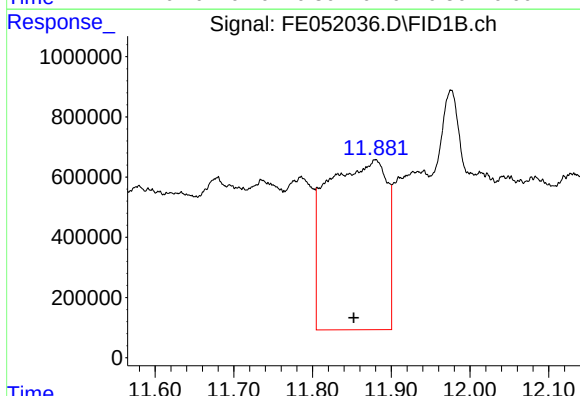
R.T.: 8.788 min
Delta R.T.: -0.024 min
Response: 270991
Conc: 2.33 ug/ml

Instrument :
FID_E
ClientSampleId :



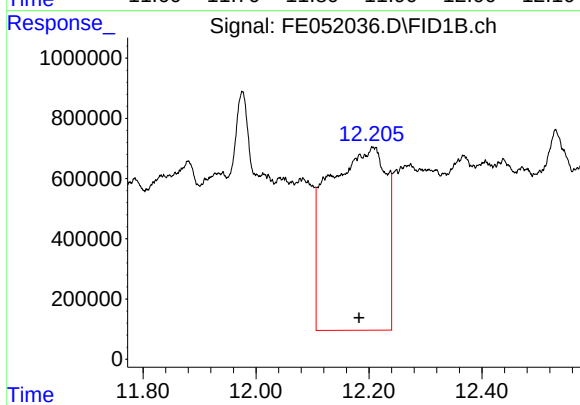
#7 n-Hexadecane (C16)

R.T.: 10.416 min
Delta R.T.: 0.003 min
Response: 12773339
Conc: 101.28 ug/ml



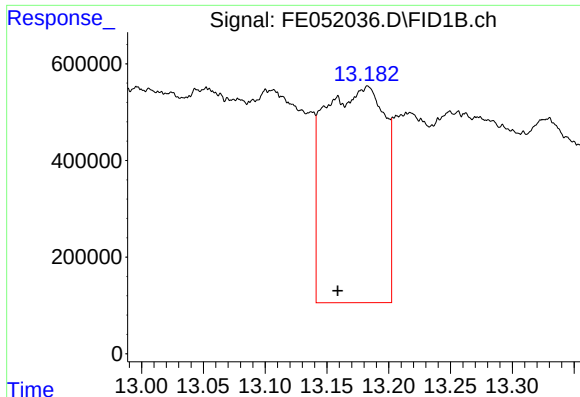
#8 n-Octadecane (C18)

R.T.: 11.880 min
Delta R.T.: 0.028 min
Response: 29681281
Conc: 224.34 ug/ml



#9 ortho-Terphenyl (SURR)

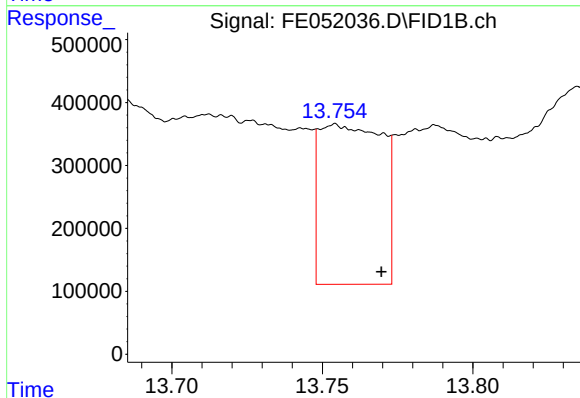
R.T.: 12.208 min
Delta R.T.: 0.026 min
Response: 43296285
Conc: 302.93 ug/ml



#10 n-Eicosane (C20)

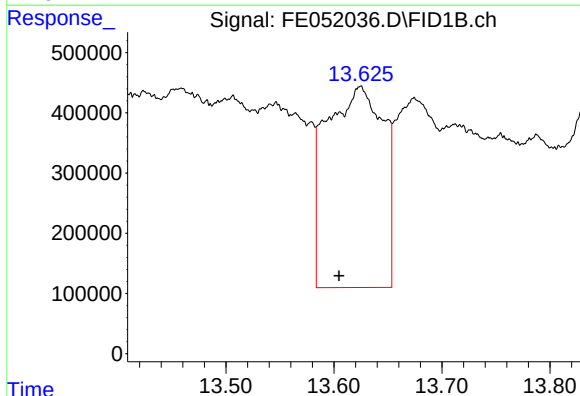
R.T.: 13.182 min
Delta R.T.: 0.023 min
Response: 15218059
Conc: 116.08 ug/ml

Instrument :
FID_E
ClientSampleId :



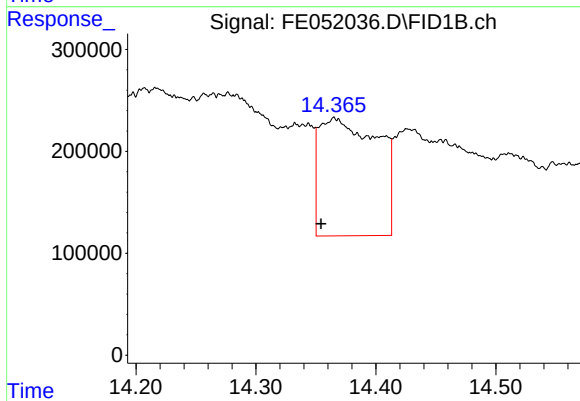
#11 n-Heneicosane (C21)

R.T.: 13.754 min
Delta R.T.: -0.015 min
Response: 3697557
Conc: 28.41 ug/ml



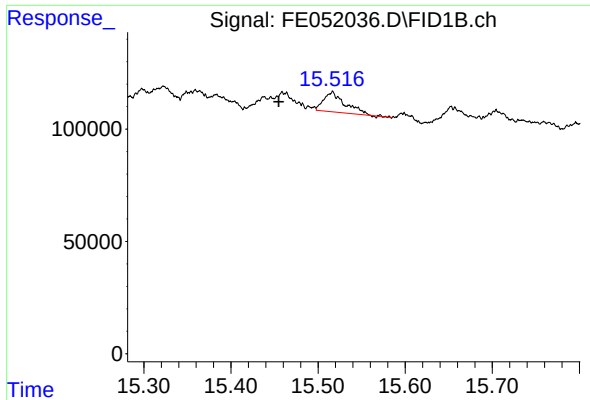
#12 1-chlorooctadecane (SURR)

R.T.: 13.624 min
Delta R.T.: 0.020 min
Response: 12301639
Conc: 107.24 ug/ml



#13 n-Docosane (C22)

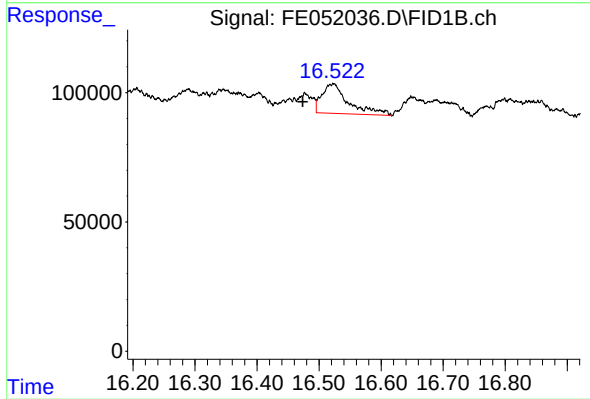
R.T.: 14.366 min
Delta R.T.: 0.011 min
Response: 3901223
Conc: 29.73 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.516 min
Delta R.T.: 0.061 min
Response: 152184
Conc: 1.15 ug/ml

Instrument :
FID_E
ClientSampleId :



#15 n-Hexacosane (C26)

R.T.: 16.522 min
Delta R.T.: 0.048 min
Response: 342273
Conc: 2.59 ug/ml