

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110325AL\
 Data File : FE056632.D
 Signal(s) : FID1B.ch
 Acq On : 03 Nov 2025 12:55
 Operator : YP\AJ
 Sample : Q3501-01DL 500X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 461

Integration File: autoint1.e
 Quant Time: Nov 04 00:38:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:50:27 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)	12.002	390900	1.871 ug/ml
Spiked Amount 50.000		Recovery =	3.74%
12) S 1-chlorooctadecane (S...	13.408	171461	1.064 ug/ml
Spiked Amount 50.000		Recovery =	2.13%
Target Compounds			
7) T n-Hexadecane (C16)	10.196	96673	0.528 ug/ml
8) T n-Octadecane (C18)	11.643	228126	1.205 ug/ml
10) T n-Eicosane (C20)	12.954	558090	2.995 ug/ml
11) T n-Heneicosane (C21)	13.595	214165	1.165 ug/ml
13) T n-Docosane (C22)	14.217	234697	1.254 ug/ml

(f)=RT Delta > 1/2 Window

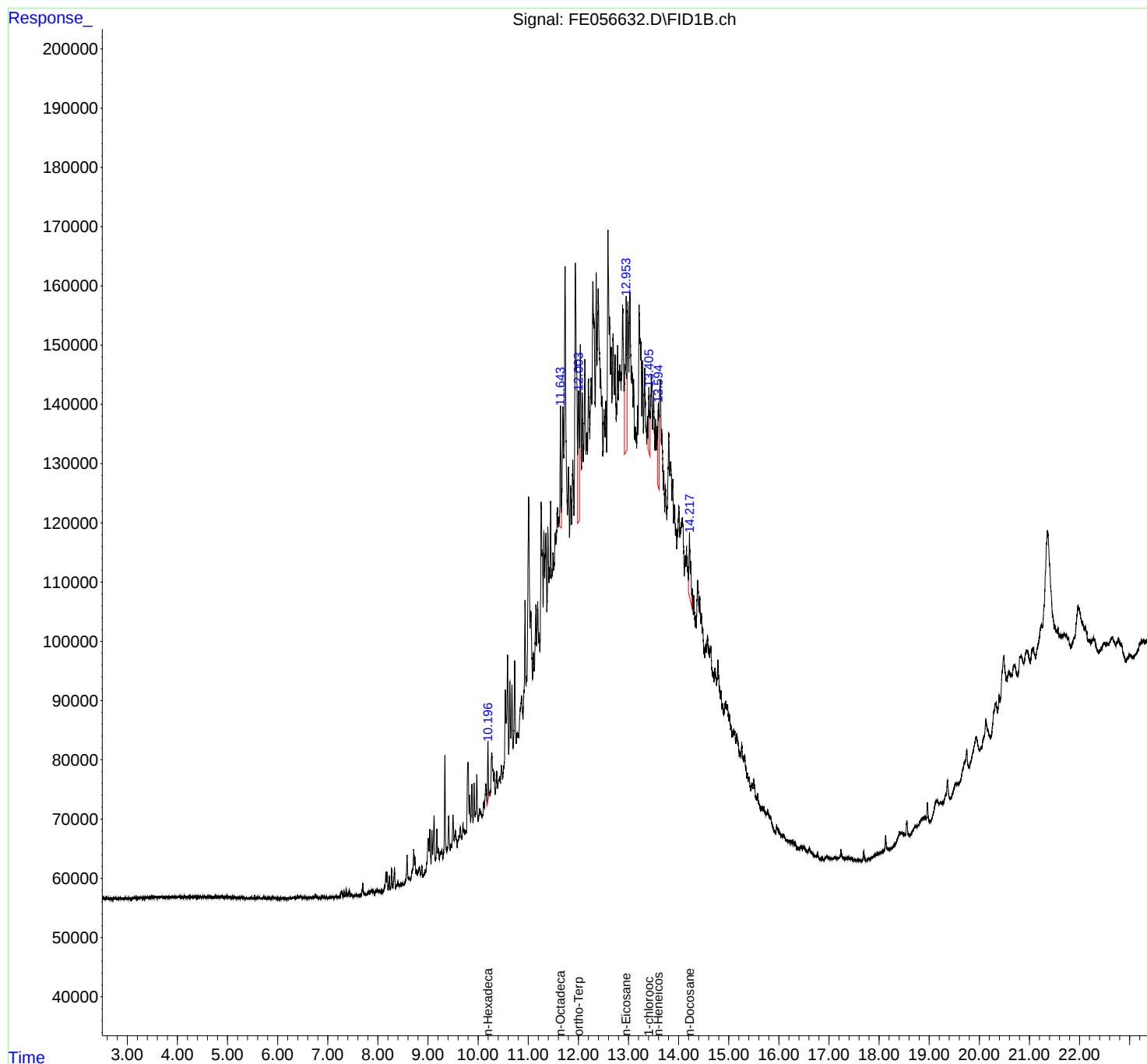
(m)=manual int.

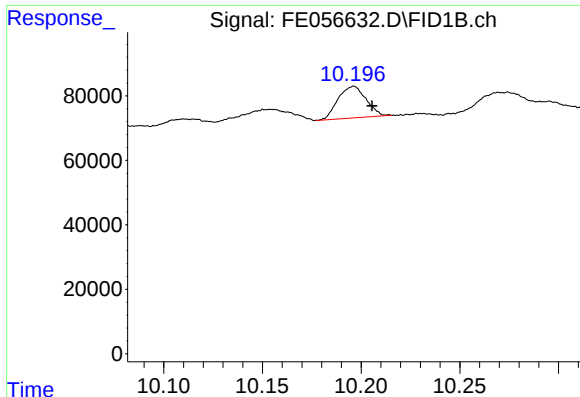
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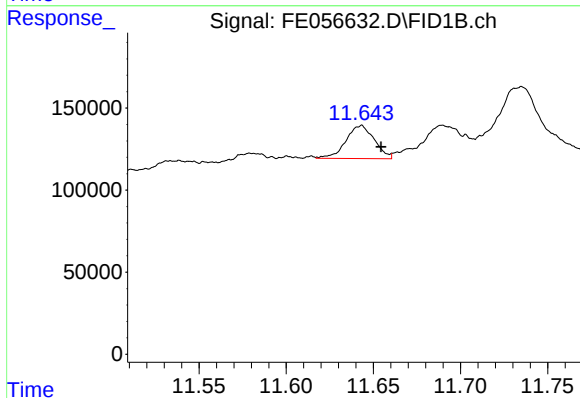




#7 n-Hexadecane (C16)

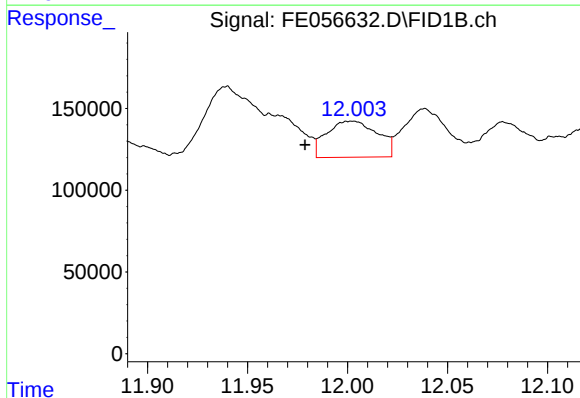
R.T.: 10.196 min
Delta R.T.: -0.010 min
Response: 96673
Conc: 0.53 ug/ml

Instrument :
FID_E
ClientSampleId :
461



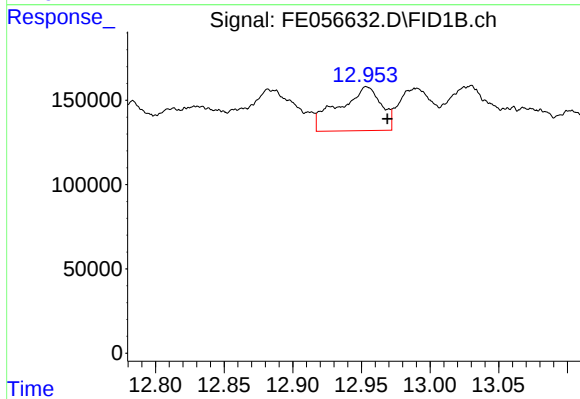
#8 n-Octadecane (C18)

R.T.: 11.643 min
Delta R.T.: -0.012 min
Response: 228126
Conc: 1.21 ug/ml



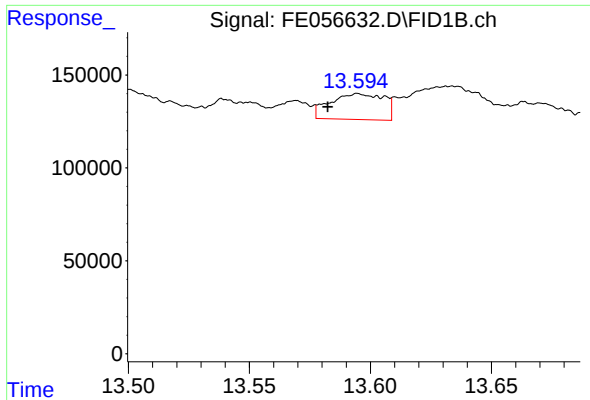
#9 ortho-Terphenyl (SURR)

R.T.: 12.002 min
Delta R.T.: 0.023 min
Response: 390900
Conc: 1.87 ug/ml



#10 n-Eicosane (C20)

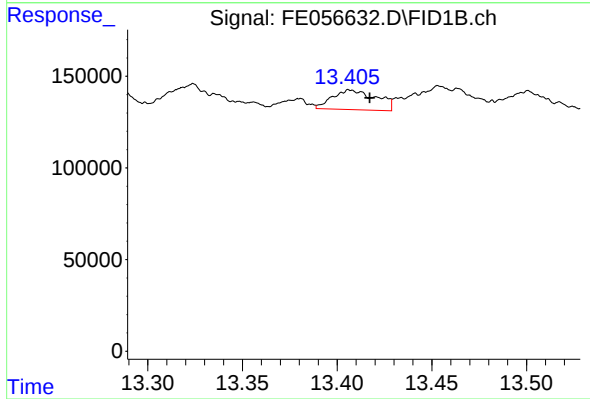
R.T.: 12.954 min
Delta R.T.: -0.015 min
Response: 558090
Conc: 2.99 ug/ml



#11 n-Heneicosane (C21)

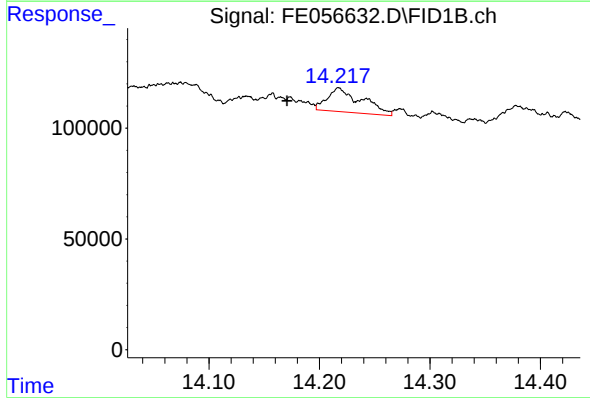
R.T.: 13.595 min
Delta R.T.: 0.013 min
Response: 214165
Conc: 1.16 ug/ml

Instrument :
FID_E
ClientSampleId :
461



#12 1-chlorooctadecane (SURR)

R.T.: 13.408 min
Delta R.T.: -0.010 min
Response: 171461
Conc: 1.06 ug/ml



#13 n-Docosane (C22)

R.T.: 14.217 min
Delta R.T.: 0.047 min
Response: 234697
Conc: 1.25 ug/ml