

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042325AL\
 Data File : FE053495.D
 Signal(s) : FID1B.ch
 Acq On : 23 Apr 2025 09:12
 Operator : YP\AJ
 Sample : Q1850-01DL 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 CONCRETE-PILE-N-C-LOTDL

Integration File: autoint1.e
 Quant Time: Apr 24 01:24:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 15:58:53 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)	11.869	549176	3.045 ug/ml
Spiked Amount 50.000		Recovery =	6.09%
12) S 1-chlorooctadecane (S...	13.315	402586	2.978 ug/ml
Spiked Amount 50.000		Recovery =	5.96%
Target Compounds			
5) T A~2-methylnaphthalene...	7.296	401809	2.691 ug/ml
6) T n-Tetradecane (C14)	8.443f	415495	2.962 ug/ml
7) T n-Hexadecane (C16)	10.107	270378	1.887 ug/ml
10) T n-Eicosane (C20)	12.874	184165	1.266 ug/ml
11) T n-Heneicosane (C21)	13.513	231705	1.600 ug/ml
13) T n-Docosane (C22)	14.096	134595	0.933 ug/ml

(f)=RT Delta > 1/2 Window

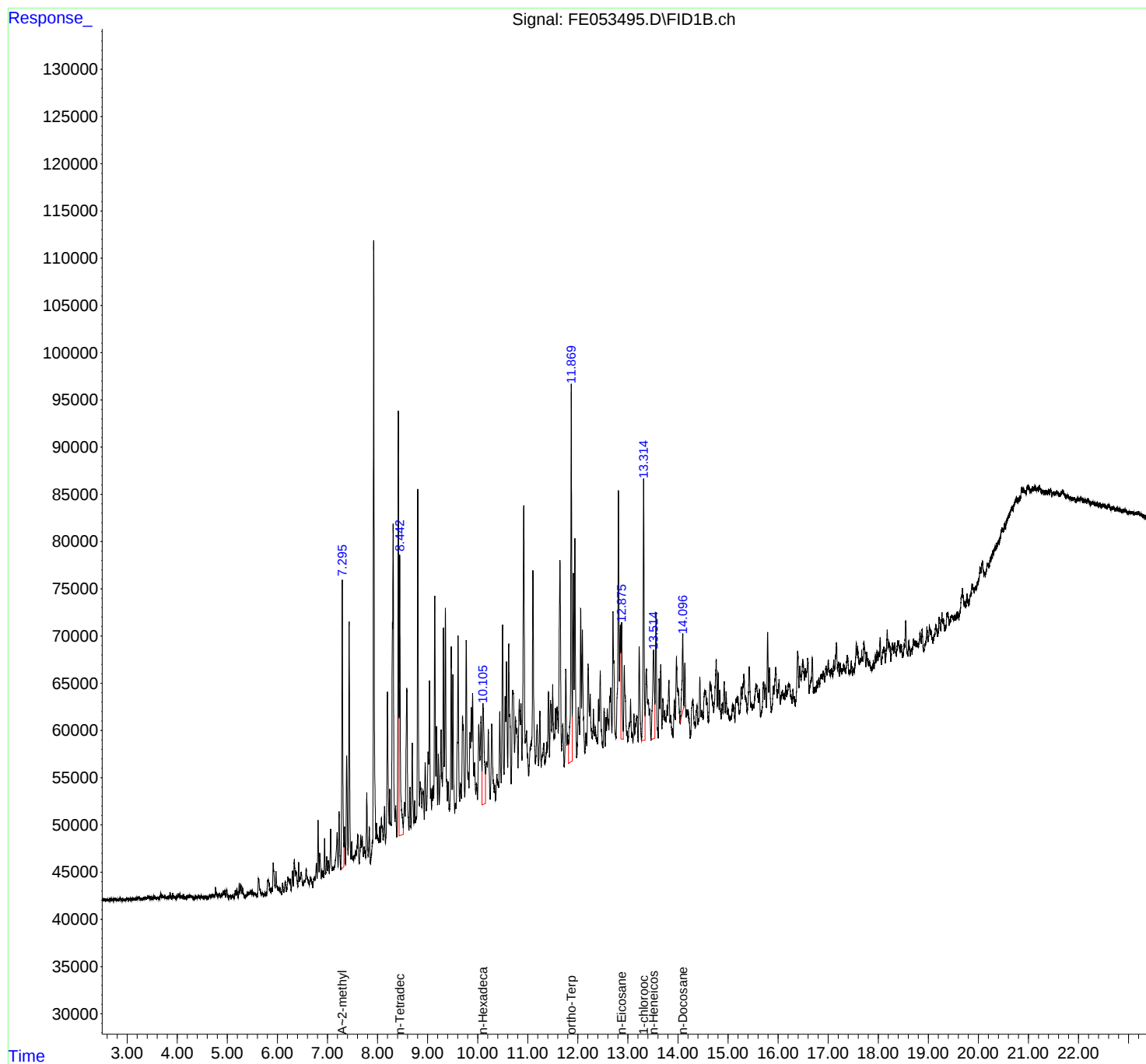
(m)=manual int.

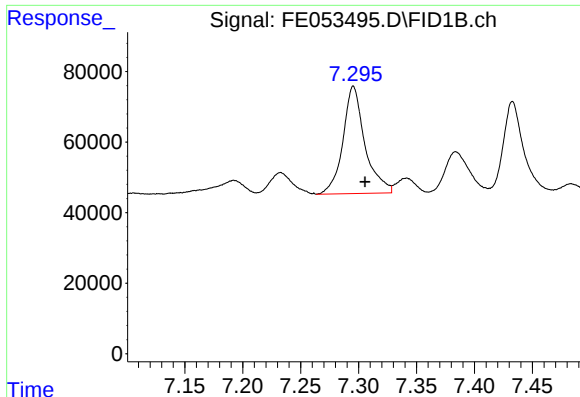
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Signal Info : 20M x 0.18mm x 0.18um

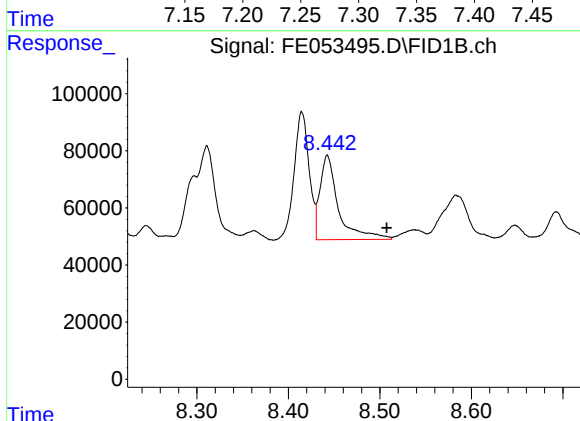




#5 A~2-methylnaphthalene (C12.89)

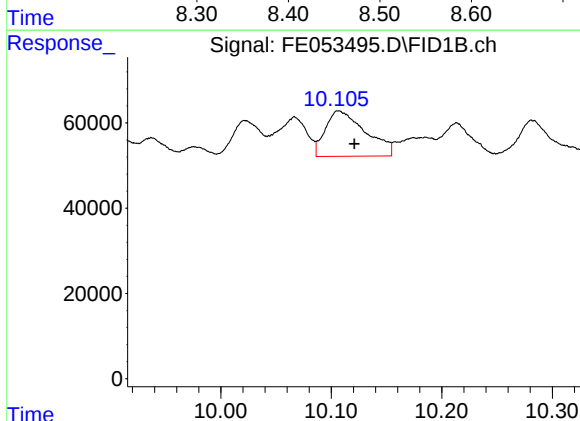
R.T.: 7.296 min
Delta R.T.: -0.010 min
Response: 401809
Conc: 2.69 ug/ml

Instrument :
FID_E
ClientSampleId :
CONCRETE-PILE-N-C-LOTDL



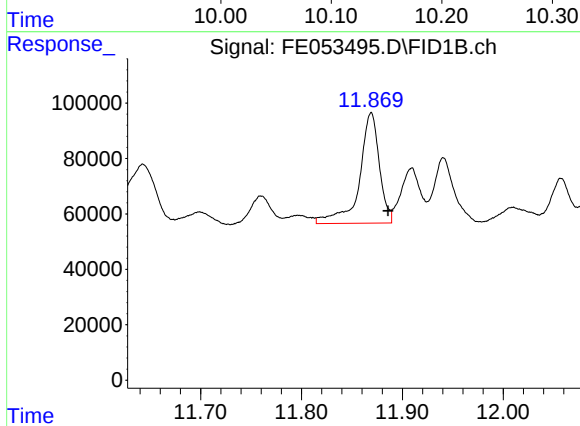
#6 n-Tetradecane (C14)

R.T.: 8.443 min
Delta R.T.: -0.065 min
Response: 415495
Conc: 2.96 ug/ml



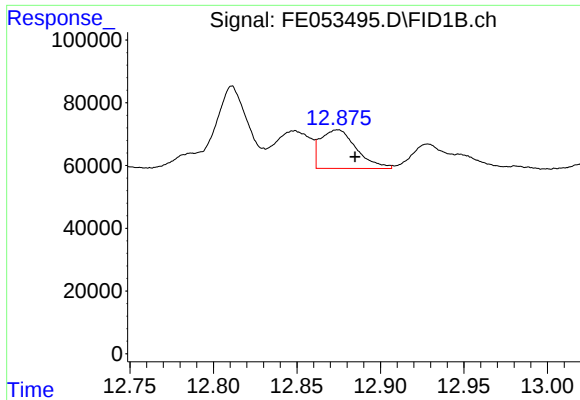
#7 n-Hexadecane (C16)

R.T.: 10.107 min
Delta R.T.: -0.014 min
Response: 270378
Conc: 1.89 ug/ml



#9 ortho-Terphenyl (SURR)

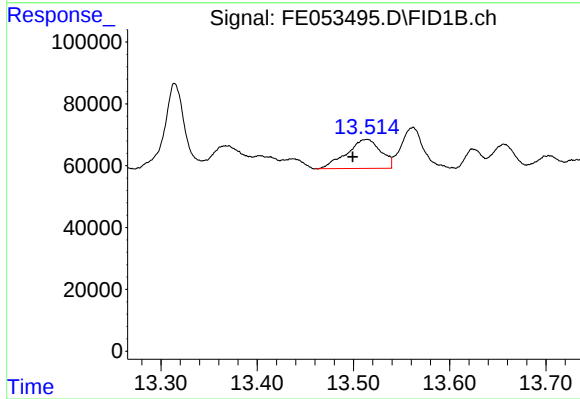
R.T.: 11.869 min
Delta R.T.: -0.017 min
Response: 549176
Conc: 3.04 ug/ml



#10 n-Eicosane (C20)

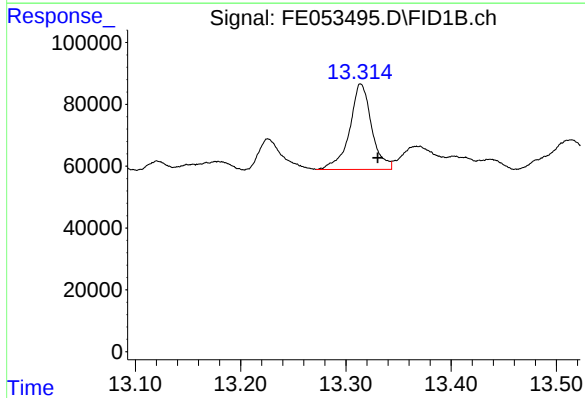
R.T.: 12.874 min
Delta R.T.: -0.011 min
Response: 184165
Conc: 1.27 ug/ml

Instrument :
FID_E
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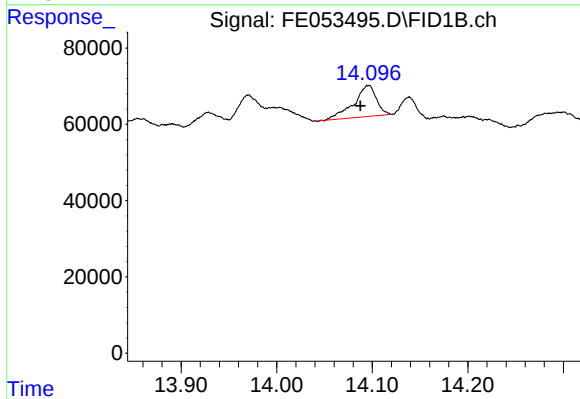
#11 n-Heneicosane (C21)

R.T.: 13.513 min
Delta R.T.: 0.014 min
Response: 231705
Conc: 1.60 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.315 min
Delta R.T.: -0.016 min
Response: 402586
Conc: 2.98 ug/ml



#13 n-Docosane (C22)

R.T.: 14.096 min
Delta R.T.: 0.008 min
Response: 134595
Conc: 0.93 ug/ml