

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060425AL\
 Data File : FE054175.D
 Signal(s) : FID1B.ch
 Acq On : 04 Jun 2025 17:53
 Operator : YP\AJ
 Sample : Q2194-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 COMP-12

Integration File: autoint1.e
 Quant Time: Jun 05 06:27:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.846	12666093	77.939 ug/ml
Spiked Amount 50.000		Recovery =	155.88%
12) S 1-chlorooctadecane (S...	13.289	10204886	86.081 ug/ml
Spiked Amount 50.000		Recovery =	172.16%
Target Compounds			
6) T n-Tetradecane (C14)	8.465	37723	0.280 ug/ml
7) T n-Hexadecane (C16)	10.082	83102	0.616 ug/ml
10) T n-Eicosane (C20)	12.829	842195	6.408 ug/ml
11) T n-Heneicosane (C21)	13.455	320400	2.471 ug/ml
13) T n-Docosane (C22)	14.085	210274	1.648 ug/ml
14) T n-Tetracosane (C24)	15.135	32243	0.258 ug/ml
16) T n-Octacosane (C28)	17.118	10208	0.084 ug/ml
17) T n-Tricontane (C30)	18.004	26037	0.209 ug/ml
18) T n-Dotriacontane (C32)	18.838	34944	0.279 ug/ml

(f)=RT Delta > 1/2 Window

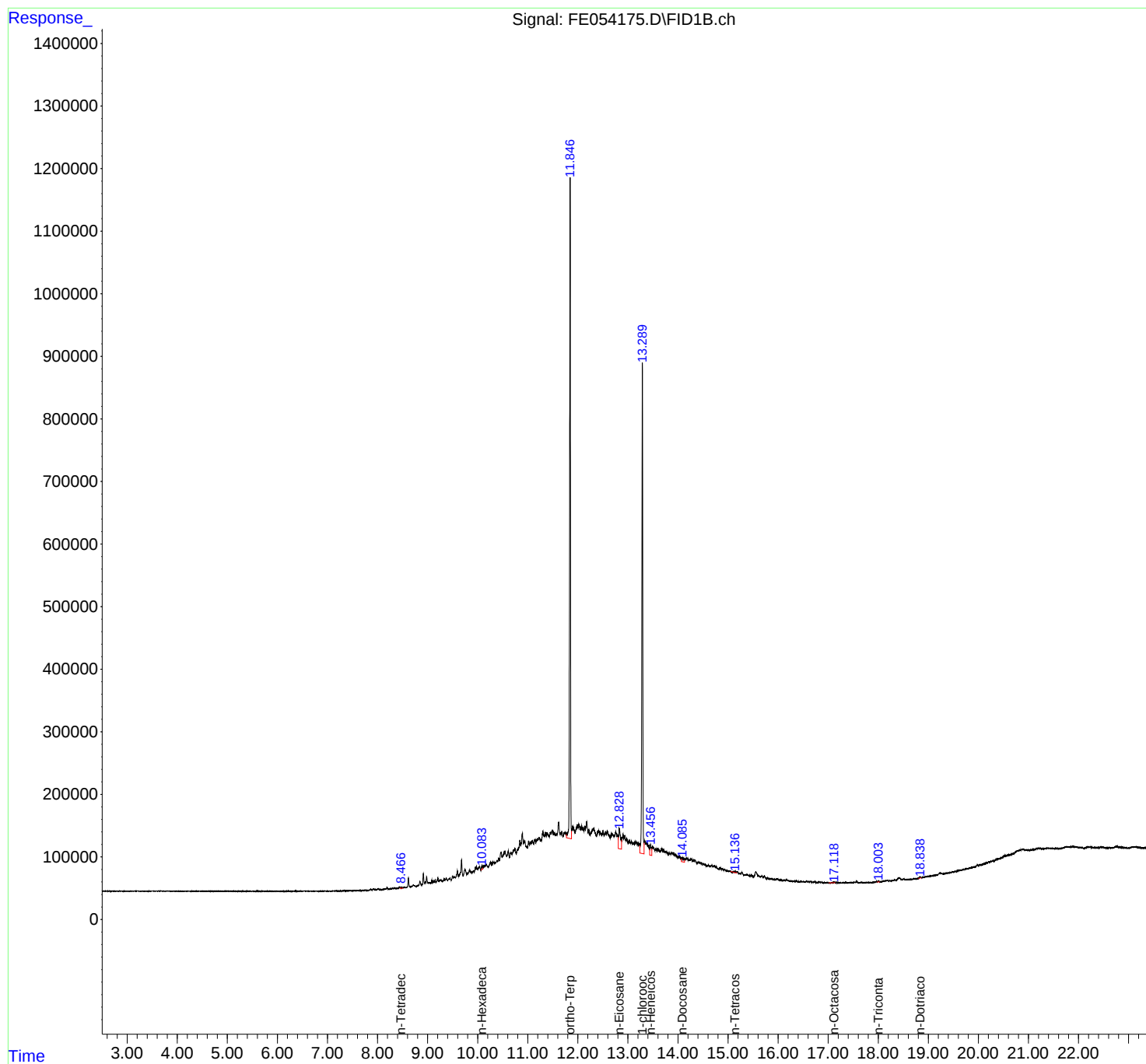
(m)=manual int.

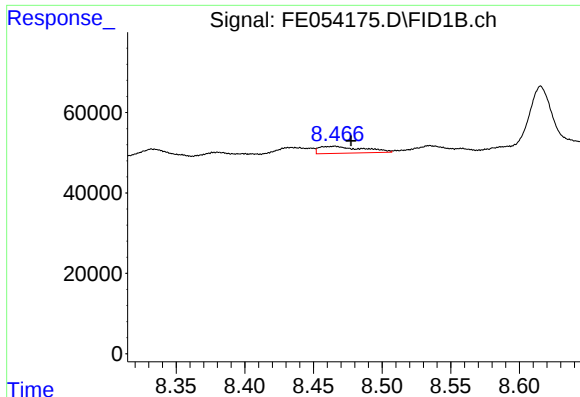
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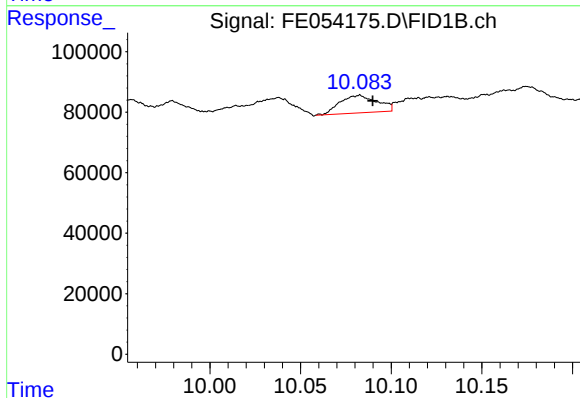




#6 n-Tetradecane (C14)

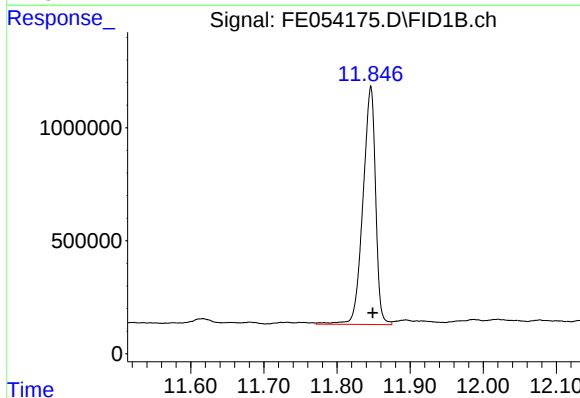
R.T.: 8.465 min
Delta R.T.: -0.013 min
Response: 37723
Conc: 0.28 ug/ml

Instrument :
FID_E
ClientSampleId :
COMP-12



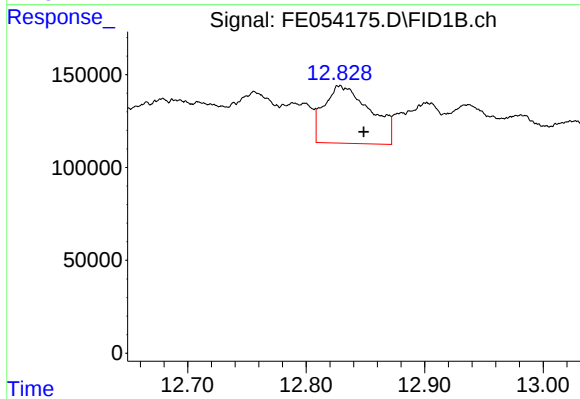
#7 n-Hexadecane (C16)

R.T.: 10.082 min
Delta R.T.: -0.008 min
Response: 83102
Conc: 0.62 ug/ml



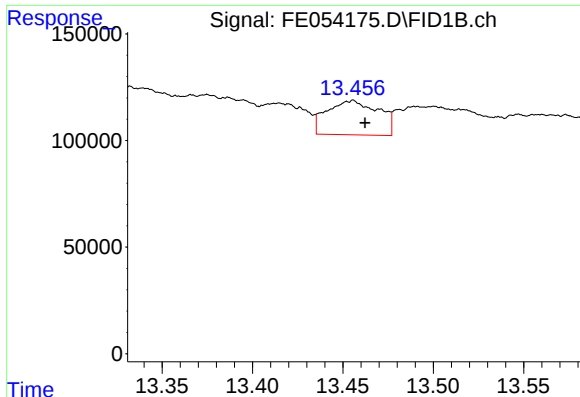
#9 ortho-Terphenyl (SURR)

R.T.: 11.846 min
Delta R.T.: -0.003 min
Response: 12666093
Conc: 77.94 ug/ml



#10 n-Eicosane (C20)

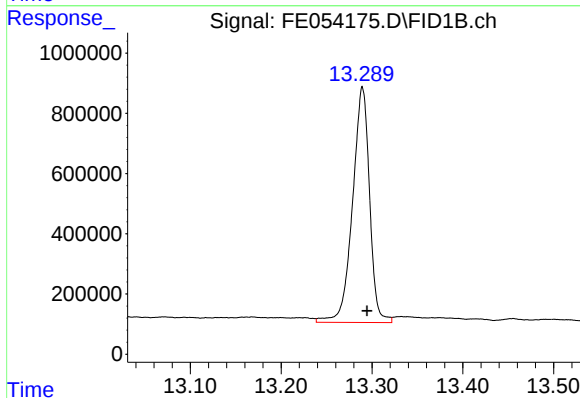
R.T.: 12.829 min
Delta R.T.: -0.020 min
Response: 842195
Conc: 6.41 ug/ml



#11 n-Heneicosane (C21)

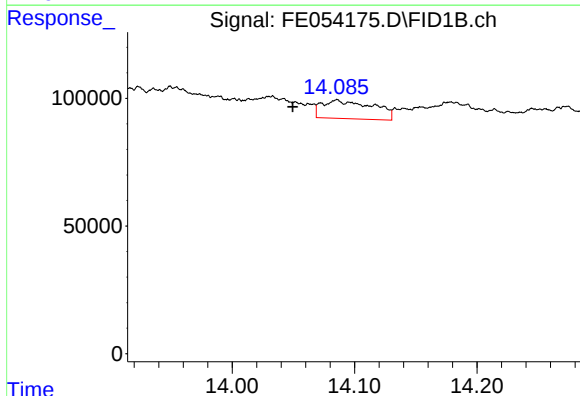
R.T.: 13.455 min
Delta R.T.: -0.007 min
Response: 320400
Conc: 2.47 ug/ml

Instrument :
FID_E
ClientSampleId :
COMP-12



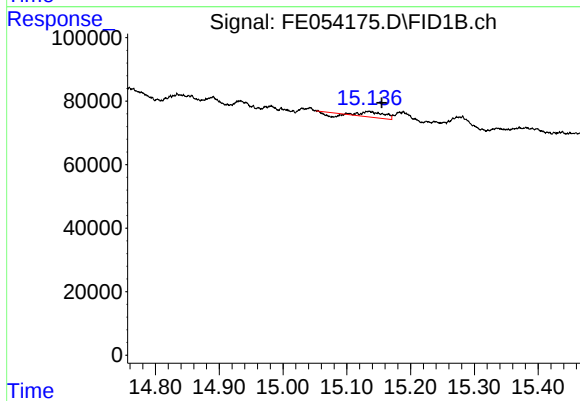
#12 1-chlorooctadecane (SURR)

R.T.: 13.289 min
Delta R.T.: -0.005 min
Response: 10204886
Conc: 86.08 ug/ml



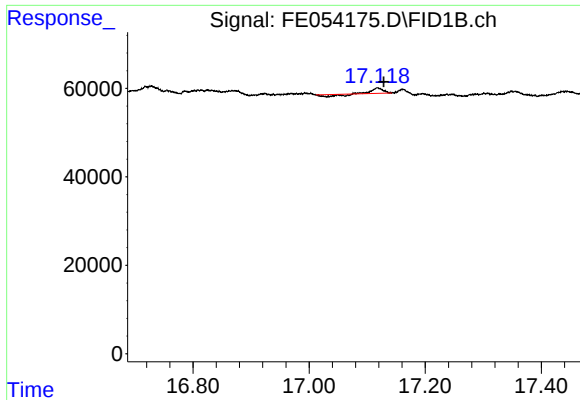
#13 n-Docosane (C22)

R.T.: 14.085 min
Delta R.T.: 0.036 min
Response: 210274
Conc: 1.65 ug/ml



#14 n-Tetracosane (C24)

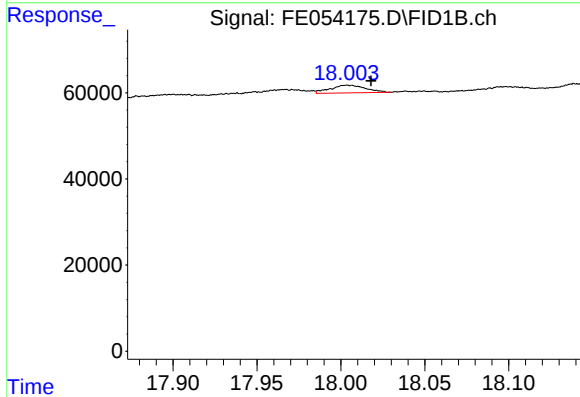
R.T.: 15.135 min
Delta R.T.: -0.020 min
Response: 32243
Conc: 0.26 ug/ml



#16 n-Octacosane (C28)

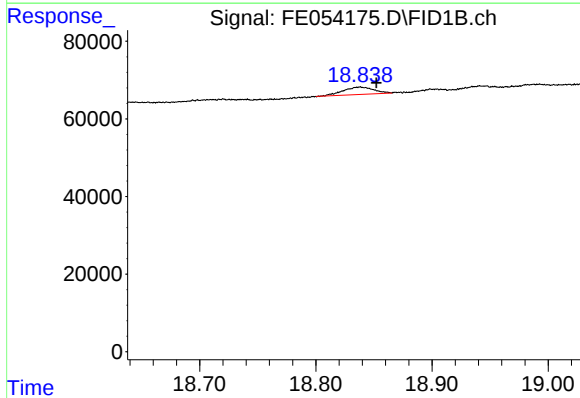
R.T.: 17.118 min
Delta R.T.: -0.011 min
Response: 10208
Conc: 0.08 ug/ml

Instrument :
FID_E
ClientSampleId :
COMP-12



#17 n-Tricontane (C30)

R.T.: 18.004 min
Delta R.T.: -0.014 min
Response: 26037
Conc: 0.21 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.838 min
Delta R.T.: -0.014 min
Response: 34944
Conc: 0.28 ug/ml