

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061325AL\
 Data File : FE054351.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jun 2025 21:44
 Operator : YP\AJ
 Sample : Q2287-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 CONCRETE-SLAB

Integration File: autoint1.e
 Quant Time: Jun 13 05:43:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.827	6508083	39.387 ug/ml
Spiked Amount 50.000		Recovery =	78.77%
12) S 1-chlorooctadecane (S...	13.272	5039007	41.321 ug/ml
Spiked Amount 50.000		Recovery =	82.64%
Target Compounds			
6) T n-Tetradecane (C14)	8.455	41099	0.317 ug/ml
7) T n-Hexadecane (C16)	10.066	45385	0.342 ug/ml
8) T n-Octadecane (C18)	11.511	113106	0.838 ug/ml
10) T n-Eicosane (C20)	12.824	183494	1.372 ug/ml
11) T n-Heneicosane (C21)	13.439	119879	0.902 ug/ml
13) T n-Docosane (C22)	14.022	114076	0.870 ug/ml
14) T n-Tetracosane (C24)	15.137	74478	0.577 ug/ml
15) T n-Hexacosane (C26)	16.166	77149	0.615 ug/ml
16) T n-Octacosane (C28)	17.122	123474	1.007 ug/ml
17) T n-Tricontane (C30)	17.994	45693	0.369 ug/ml
18) T n-Dotriacontane (C32)	18.825	115702	0.921 ug/ml
19) T n-Tetratriacontane (C34)	19.615	73509	0.591 ug/ml
20) T n-Hexatriacontane (C36)	20.412	26691	0.207 ug/ml

(f)=RT Delta > 1/2 Window

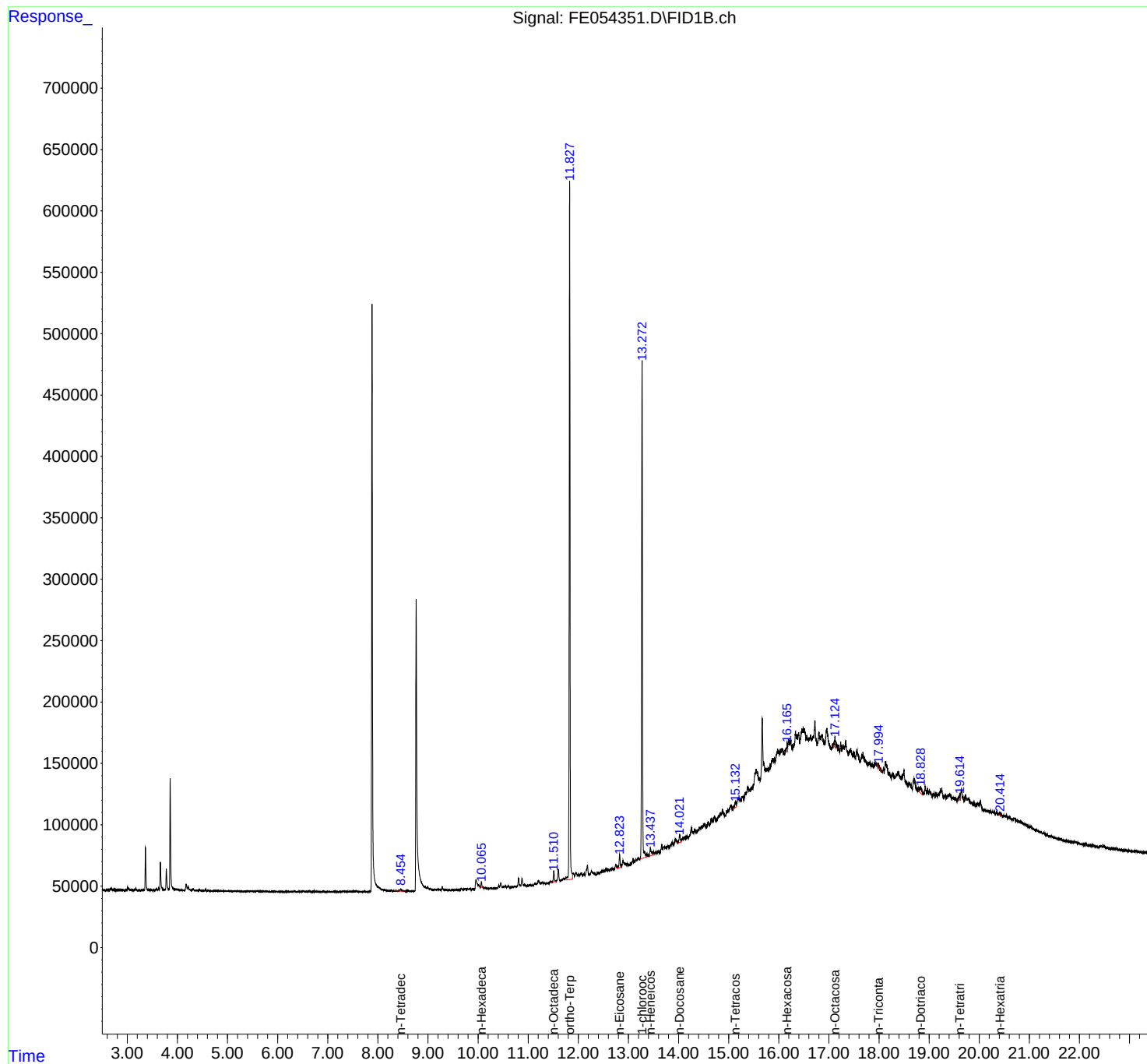
(m)=manual int.

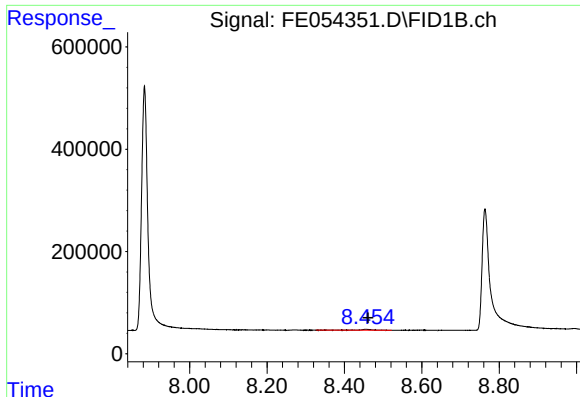
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

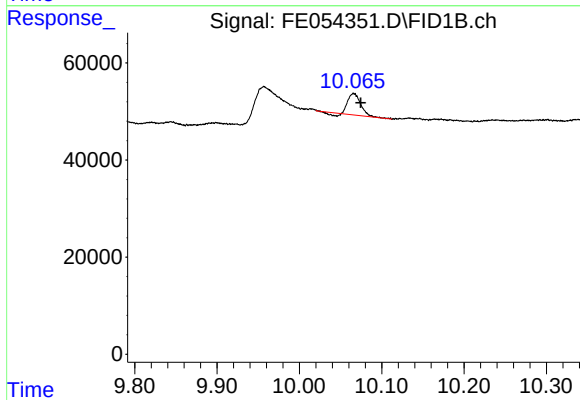




#6 n-Tetradecane (C14)

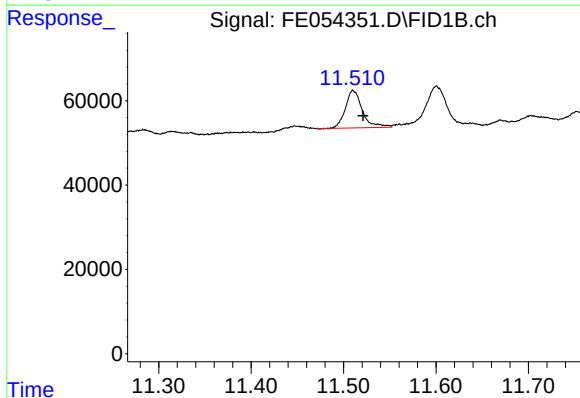
R.T.: 8.455 min
Delta R.T.: -0.006 min
Response: 41099
Conc: 0.32 ug/ml

Instrument :
FID_E
ClientSampleId :
CONCRETE-SLAB



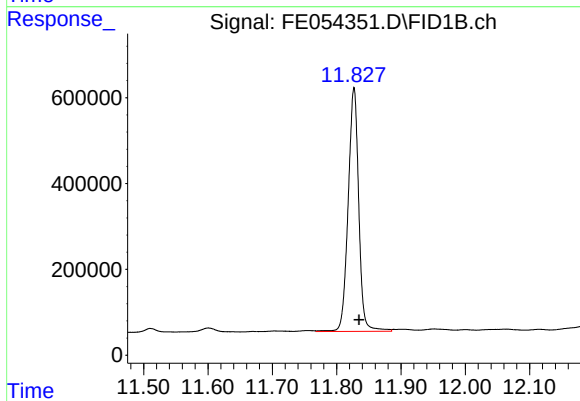
#7 n-Hexadecane (C16)

R.T.: 10.066 min
Delta R.T.: -0.009 min
Response: 45385
Conc: 0.34 ug/ml



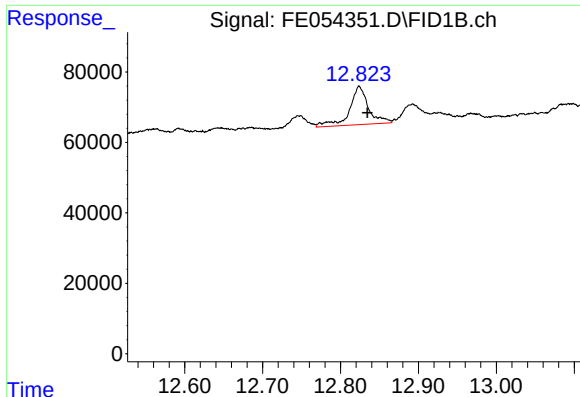
#8 n-Octadecane (C18)

R.T.: 11.511 min
Delta R.T.: -0.010 min
Response: 113106
Conc: 0.84 ug/ml



#9 ortho-Terphenyl (SURR)

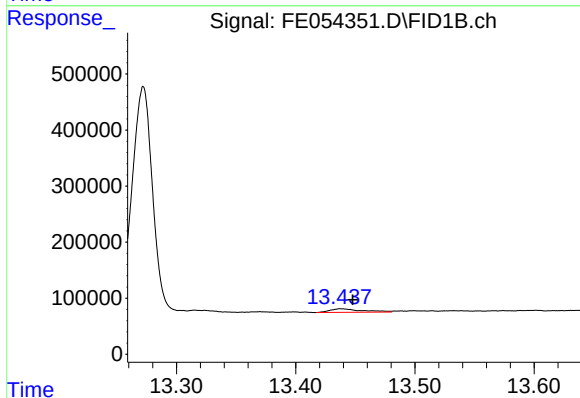
R.T.: 11.827 min
Delta R.T.: -0.008 min
Response: 6508083
Conc: 39.39 ug/ml



#10 n-Eicosane (C20)

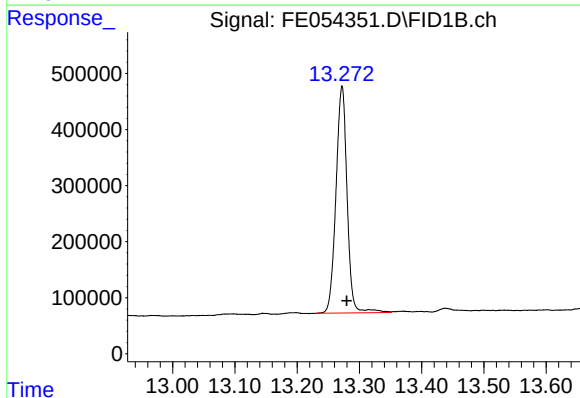
R.T.: 12.824 min
Delta R.T.: -0.010 min
Response: 183494
Conc: 1.37 ug/ml

Instrument :
FID_E
ClientSampleId :
CONCRETE-SLAB



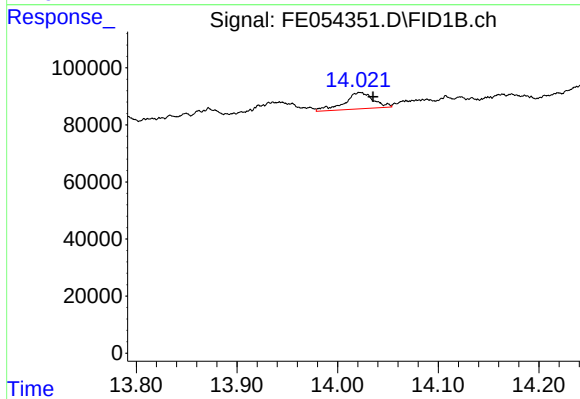
#11 n-Heneicosane (C21)

R.T.: 13.439 min
Delta R.T.: -0.009 min
Response: 119879
Conc: 0.90 ug/ml



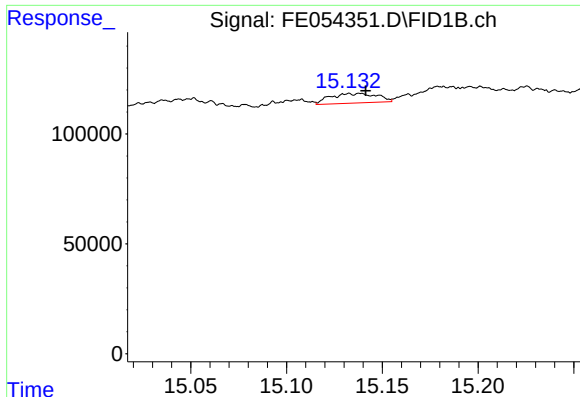
#12 1-chlorooctadecane (SURR)

R.T.: 13.272 min
Delta R.T.: -0.008 min
Response: 5039007
Conc: 41.32 ug/ml



#13 n-Docosane (C22)

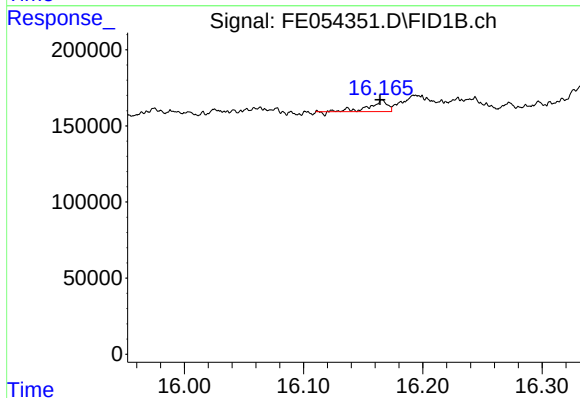
R.T.: 14.022 min
Delta R.T.: -0.013 min
Response: 114076
Conc: 0.87 ug/ml



#14 n-Tetracosane (C24)

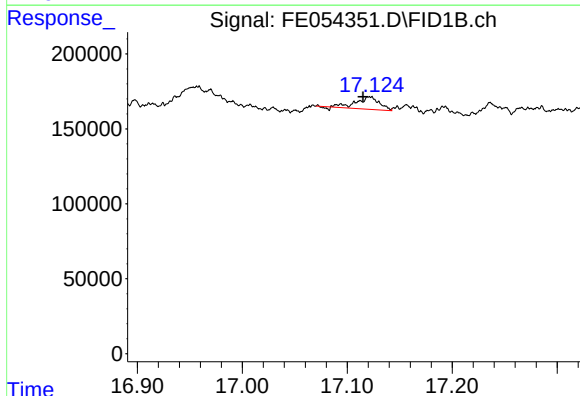
R.T.: 15.137 min
Delta R.T.: -0.004 min
Response: 74478
Conc: 0.58 ug/ml

Instrument :
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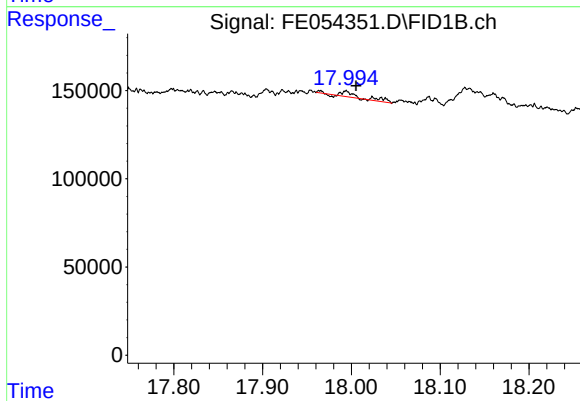
#15 n-Hexacosane (C26)

R.T.: 16.166 min
Delta R.T.: 0.002 min
Response: 77149
Conc: 0.61 ug/ml



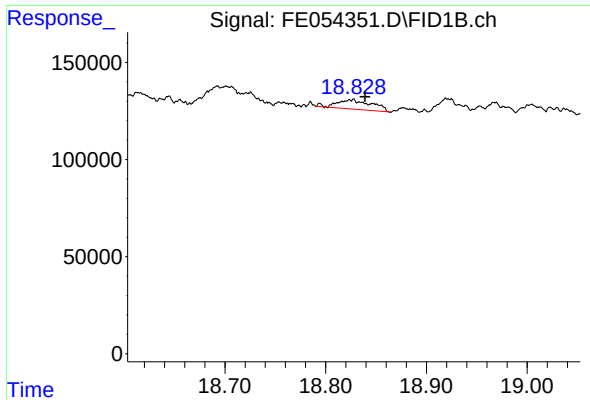
#16 n-Octacosane (C28)

R.T.: 17.122 min
Delta R.T.: 0.007 min
Response: 123474
Conc: 1.01 ug/ml



#17 n-Tricontane (C30)

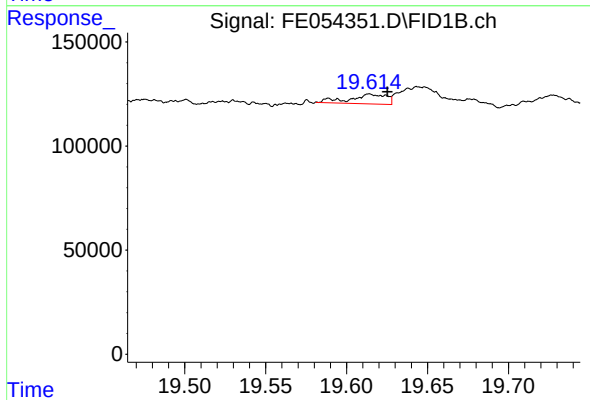
R.T.: 17.994 min
Delta R.T.: -0.012 min
Response: 45693
Conc: 0.37 ug/ml



#18 n-Dotriacontane (C32)

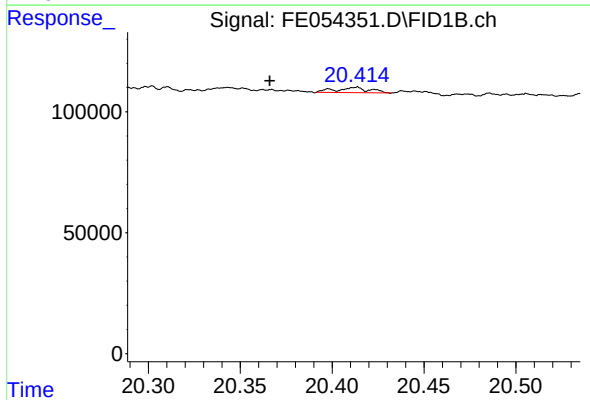
R.T.: 18.825 min
Delta R.T.: -0.014 min
Response: 115702
Conc: 0.92 ug/ml

Instrument :
FID_E
ClientSampleId :
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#19 n-Tetratriacontane (C34)

R.T.: 19.615 min
Delta R.T.: -0.010 min
Response: 73509
Conc: 0.59 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.412 min
Delta R.T.: 0.046 min
Response: 26691
Conc: 0.21 ug/ml