

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092120AL\
 Data File : FC049667.D
 Signal(s) : FID1A.CH
 Acq On : 21 Sep 2020 20:04
 Operator : DD\AJ
 Sample : L4091-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 CARLSTADT-TOPSOIL-2020

Integration File: autoint1.e
 Quant Time: Sep 22 00:39:28 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 090820.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 09 05:58:47 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.662	3499246	30.456 ug/ml
Spiked Amount 50.000		Recovery =	60.91%
12) S 1-chlorooctadecane (S...	13.095	2731616	30.667 ug/ml
Spiked Amount 50.000		Recovery =	61.33%
Target Compounds			
6) T n-Tetradecane (C14)	8.355	76481	0.725 ug/ml
10) T n-Eicosane (C20)	12.719f	169100	1.579 ug/ml
14) T n-Tetracosane (C24)	14.937	126126	1.205 ug/ml
16) T n-Octacosane (C28)	16.965	114922	1.144 ug/ml
17) T n-Tricontane (C30)	17.804	311136	3.196 ug/ml
18) T n-Dotriacontane (C32)	18.635	333141	3.687 ug/ml
19) T n-Tetratriacontane (C34)	19.462	170183	1.988 ug/ml

(f)=RT Delta > 1/2 Window

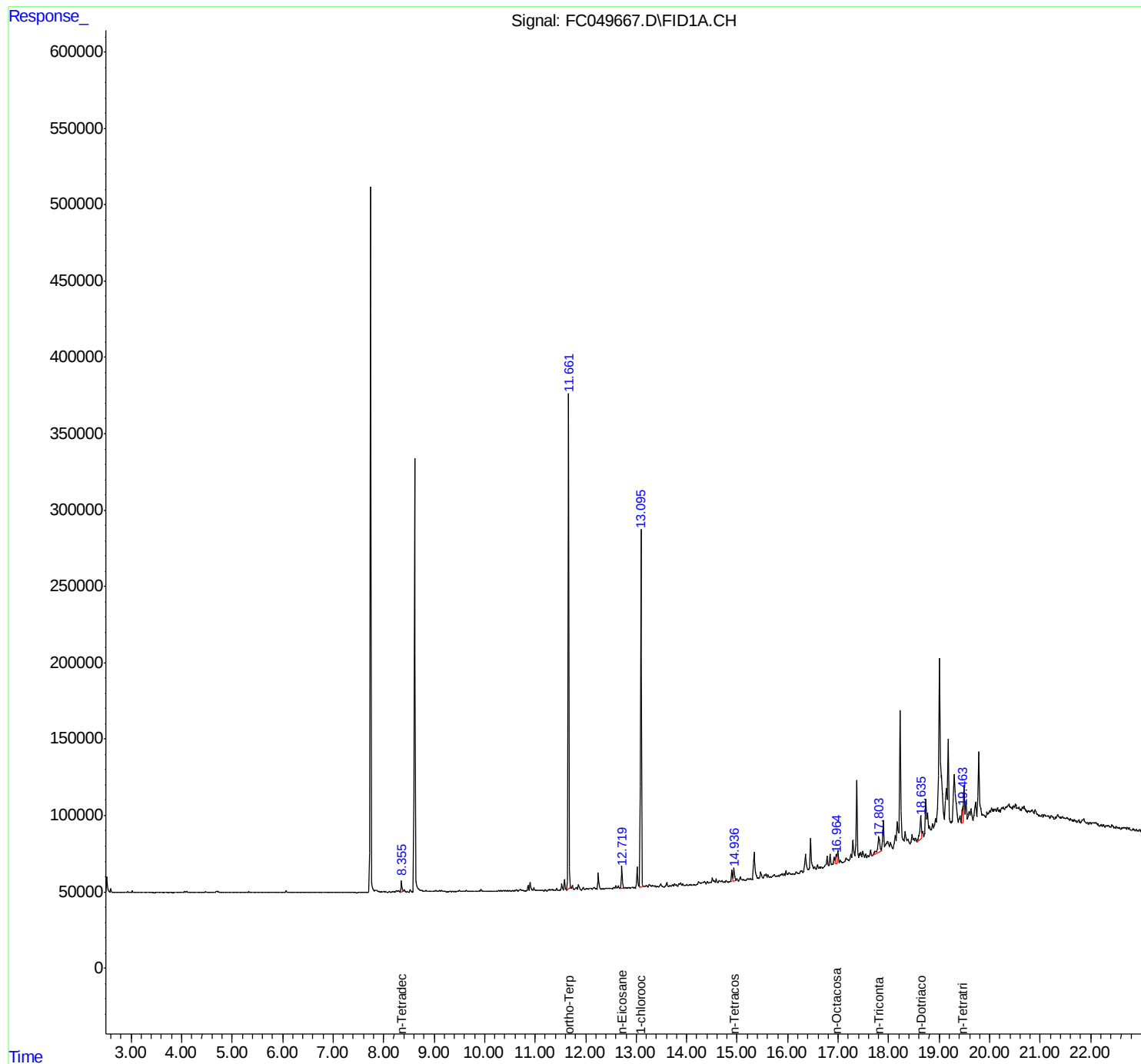
(m)=manual int.

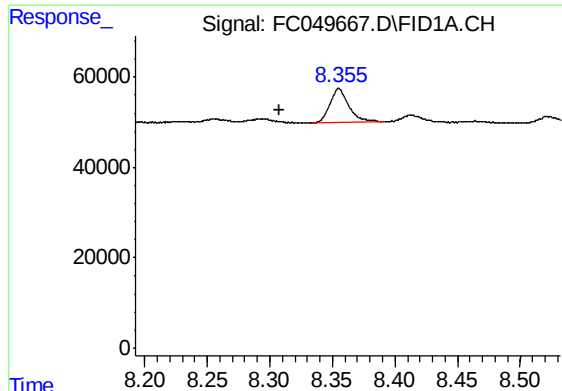
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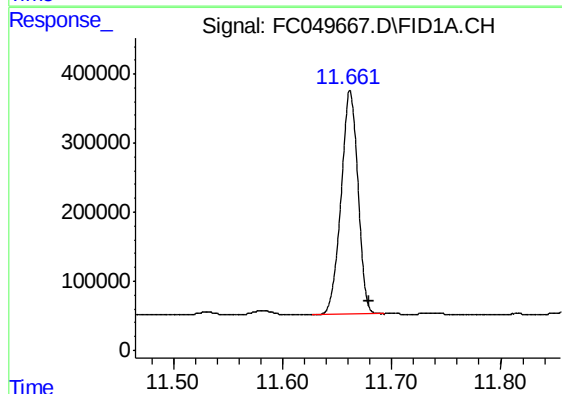




#6 n-Tetradecane (C14)

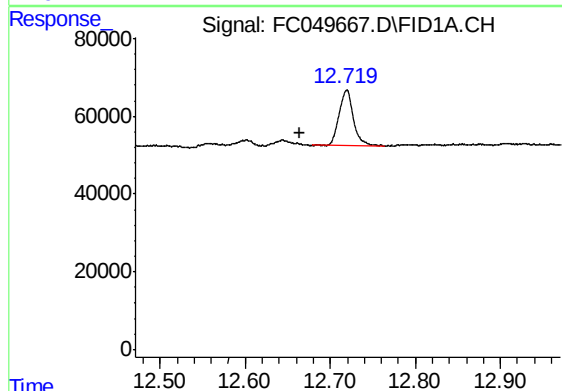
R.T.: 8.355 min
Delta R.T.: 0.048 min
Response: 76481
Conc: 0.72 ug/ml

Instrument :
FID_C
ClientSampleId :
CARLSTADT-TOPSOIL-2020



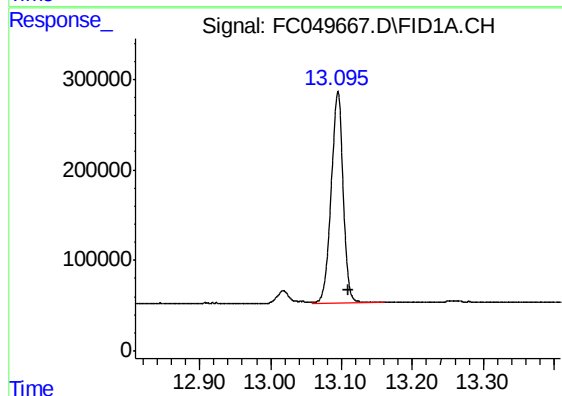
#9 ortho-Terphenyl (SURR)

R.T.: 11.662 min
Delta R.T.: -0.017 min
Response: 3499246
Conc: 30.46 ug/ml



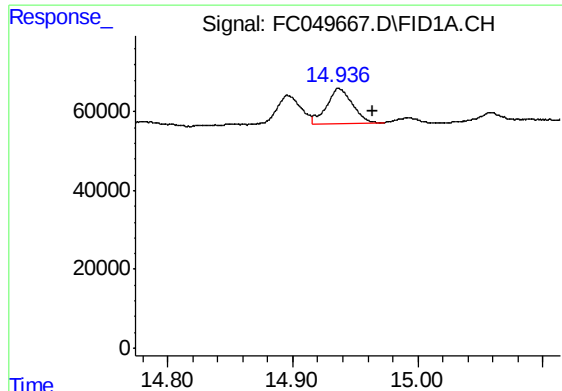
#10 n-Eicosane (C20)

R.T.: 12.719 min
Delta R.T.: 0.056 min
Response: 169100
Conc: 1.58 ug/ml



#12 1-chlorooctadecane (SURR)

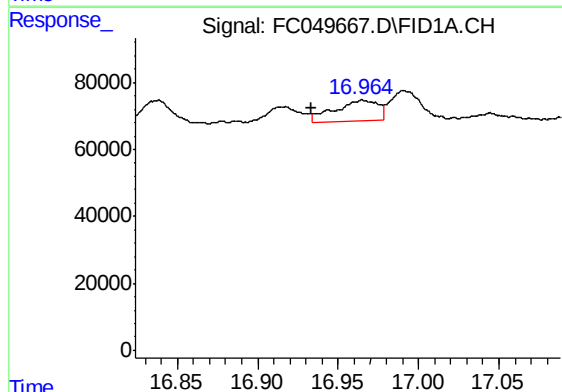
R.T.: 13.095 min
Delta R.T.: -0.014 min
Response: 2731616
Conc: 30.67 ug/ml



#14 n-Tetracosane (C24)

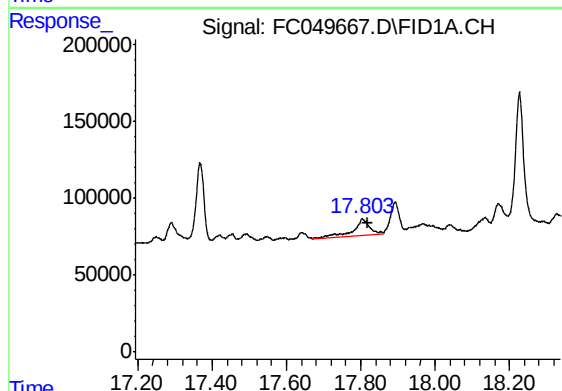
R.T.: 14.937 min
Delta R.T.: -0.027 min
Response: 126126
Conc: 1.21 ug/ml

Instrument :
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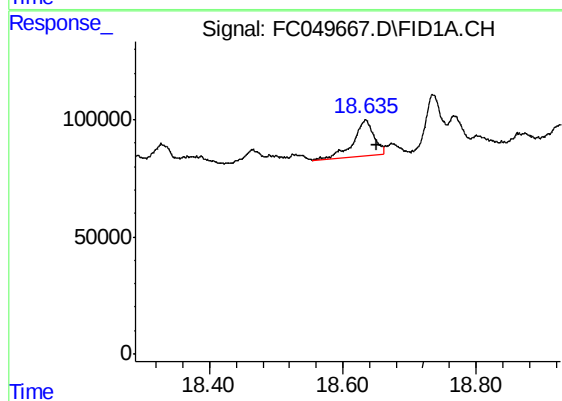
#16 n-Octacosane (C28)

R.T.: 16.965 min
Delta R.T.: 0.032 min
Response: 114922
Conc: 1.14 ug/ml



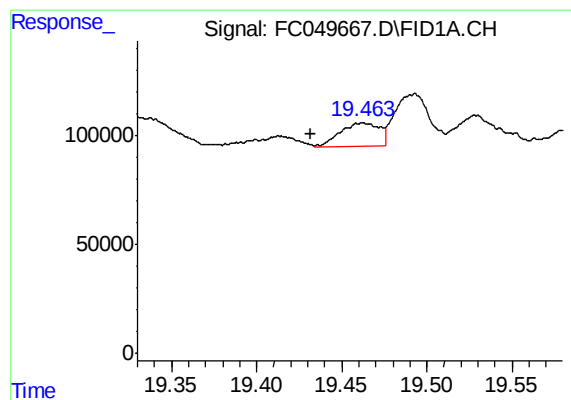
#17 n-Tricontane (C30)

R.T.: 17.804 min
Delta R.T.: -0.015 min
Response: 311136
Conc: 3.20 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.635 min
Delta R.T.: -0.015 min
Response: 333141
Conc: 3.69 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.462 min
Delta R.T.: 0.030 min
Response: 170183
Conc: 1.99 ug/ml

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