

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120524AL\
 Data File : FC067918.D
 Signal(s) : FID1A.ch
 Acq On : 05 Dec 2024 16:04
 Operator : YP/AJ
 Sample : P5095-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 06 00:19:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:13:15 2024
 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)	11.475	6461339	33.327 ug/ml
Spiked Amount 50.000		Recovery =	66.65%
12) S 1-chlorooctadecane (S...	12.915	5332279	36.734 ug/ml
Spiked Amount 50.000		Recovery =	73.47%
Target Compounds			
6) T n-Tetradecane (C14)	8.122	118072	0.705 ug/ml
7) T n-Hexadecane (C16)	9.721	80138	0.462 ug/ml
8) T n-Octadecane (C18)	11.160	79377	0.451 ug/ml
10) T n-Eicosane (C20)	12.468	57650	0.342 ug/ml
16) T n-Octacosane (C28)	16.737	52450	0.347 ug/ml
17) T n-Tricontane (C30)	17.623	93381	0.610 ug/ml
18) T n-Dotriacontane (C32)	18.454	125959	0.853 ug/ml
19) T n-Tetratriacontane (C34)	19.236	77852	0.617 ug/ml
20) T n-Hexatriacontane (C36)	19.977	51151	0.489 ug/ml

(f)=RT Delta > 1/2 Window

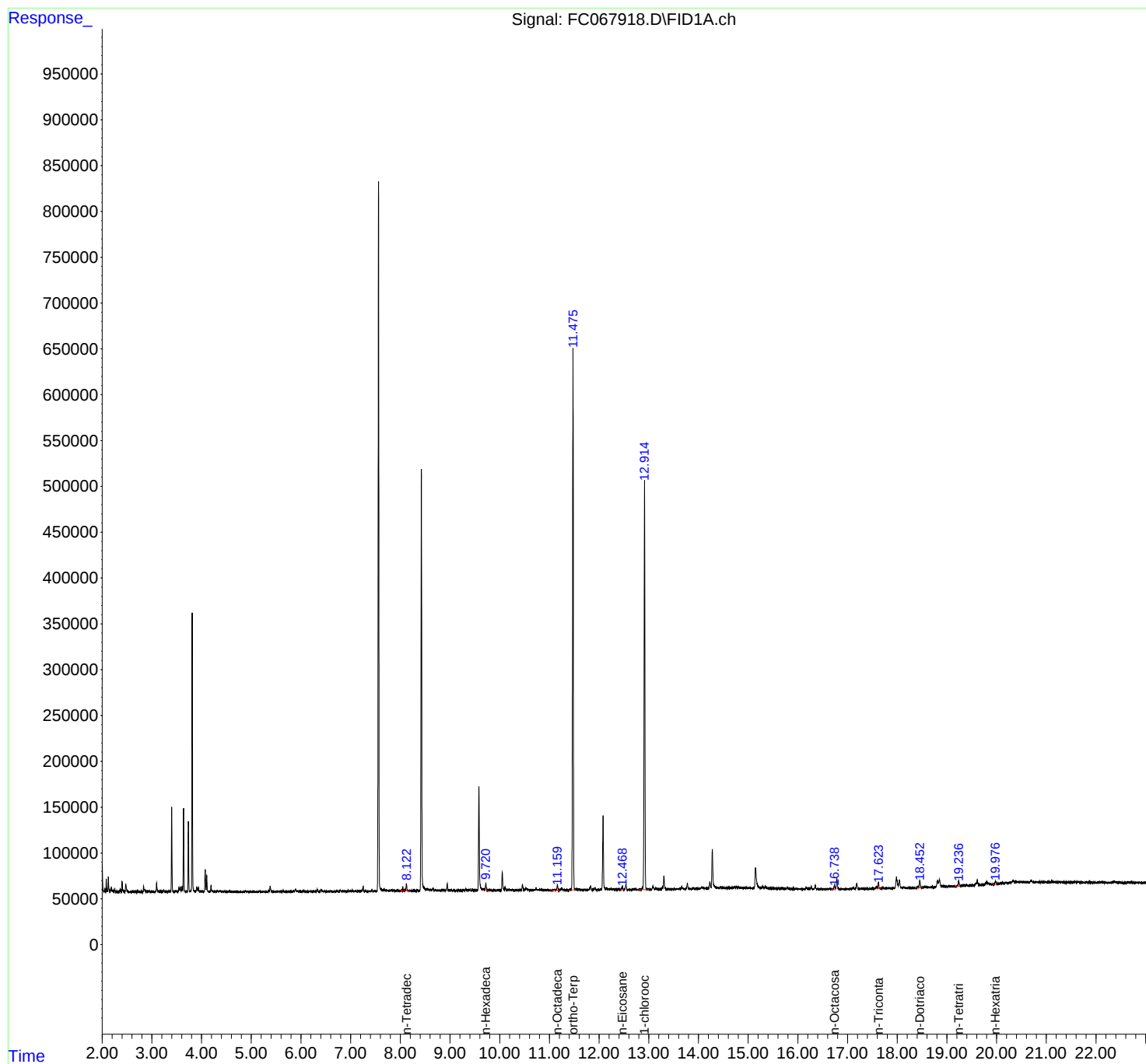
(m)=manual int.

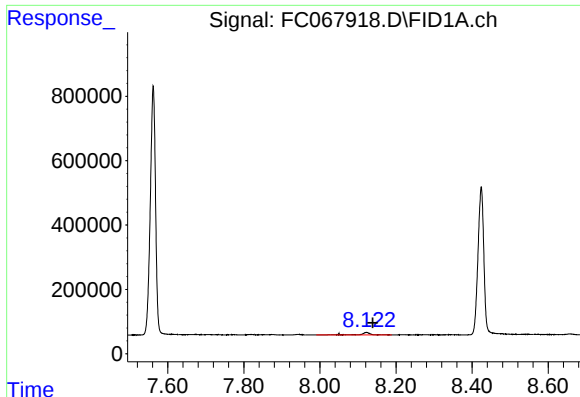
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

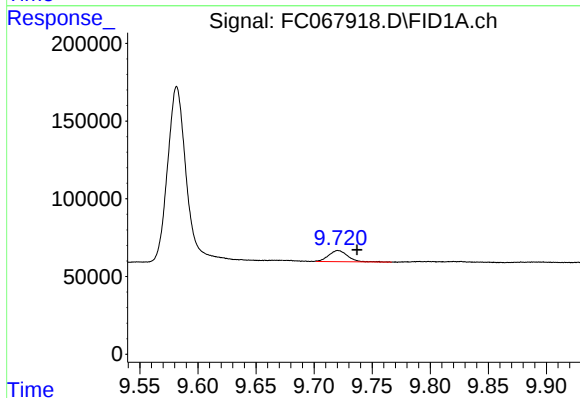




#6 n-Tetradecane (C14)

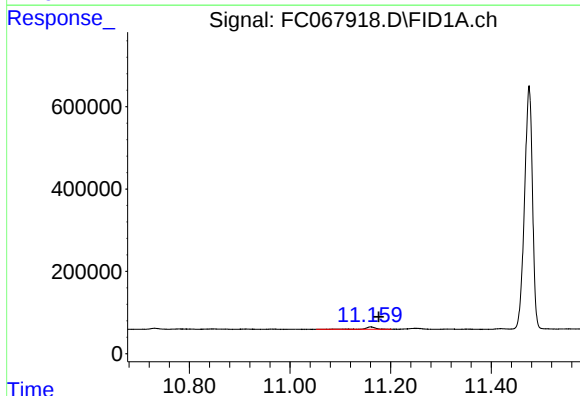
R.T.: 8.122 min
Delta R.T.: -0.017 min
Response: 118072
Conc: 0.71 ug/ml

Instrument :
FID_C
ClientSampleId :



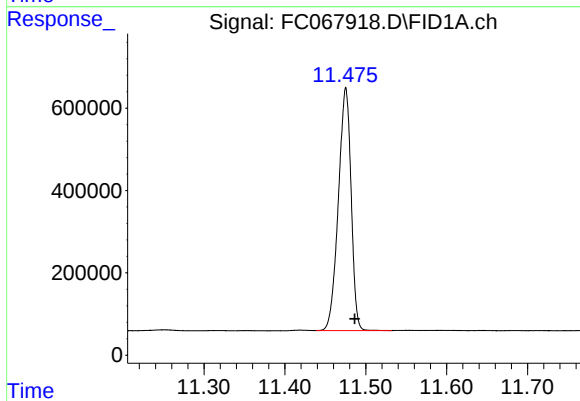
#7 n-Hexadecane (C16)

R.T.: 9.721 min
Delta R.T.: -0.016 min
Response: 80138
Conc: 0.46 ug/ml



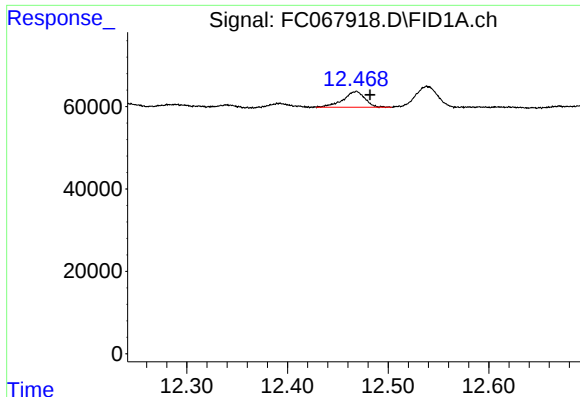
#8 n-Octadecane (C18)

R.T.: 11.160 min
Delta R.T.: -0.016 min
Response: 79377
Conc: 0.45 ug/ml



#9 ortho-Terphenyl (SURR)

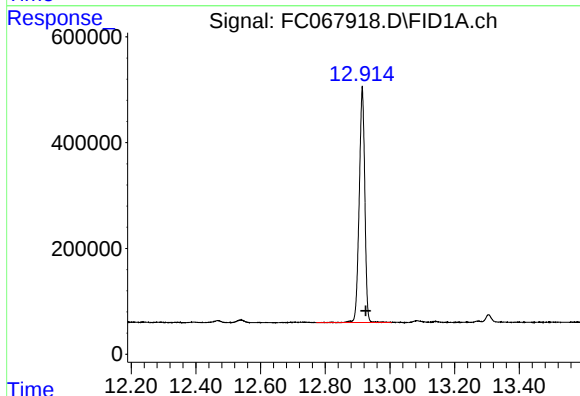
R.T.: 11.475 min
Delta R.T.: -0.011 min
Response: 6461339
Conc: 33.33 ug/ml



#10 n-Eicosane (C20)

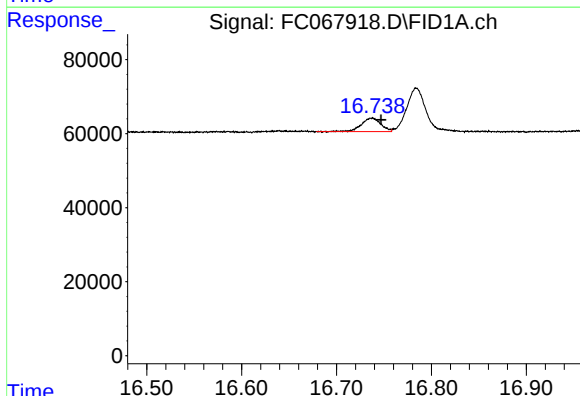
R.T.: 12.468 min
Delta R.T.: -0.014 min
Response: 57650
Conc: 0.34 ug/ml

Instrument :
FID_C
ClientSampleId :



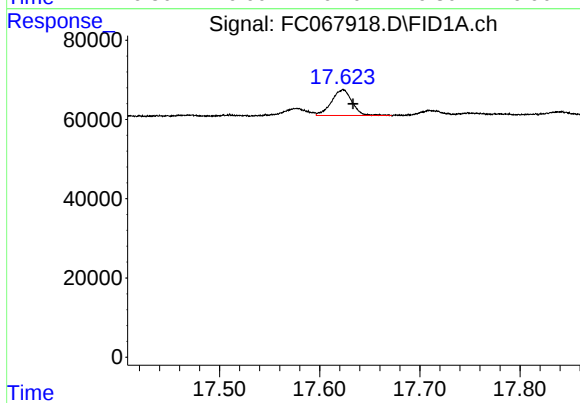
#12 1-chlorooctadecane (SURR)

R.T.: 12.915 min
Delta R.T.: -0.011 min
Response: 5332279
Conc: 36.73 ug/ml



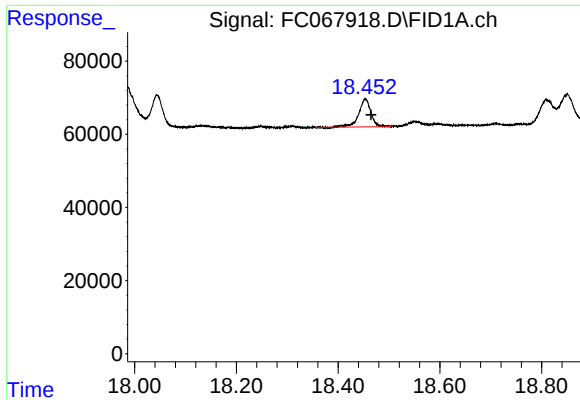
#16 n-Octacosane (C28)

R.T.: 16.737 min
Delta R.T.: -0.010 min
Response: 52450
Conc: 0.35 ug/ml



#17 n-Tricontane (C30)

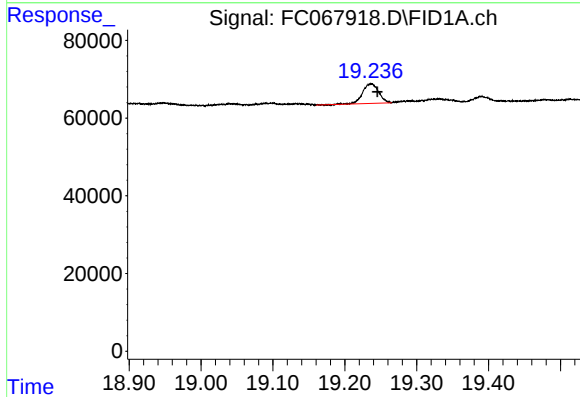
R.T.: 17.623 min
Delta R.T.: -0.010 min
Response: 93381
Conc: 0.61 ug/ml



#18 n-Dotriacontane (C32)

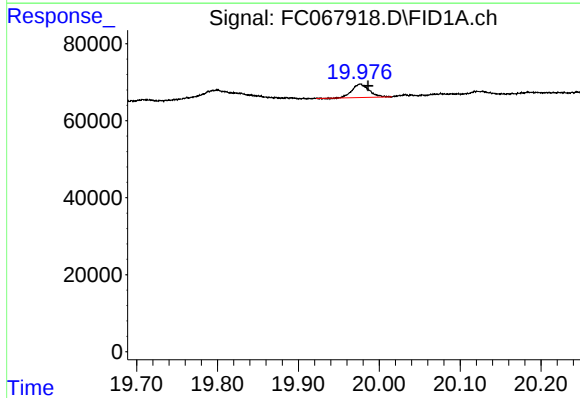
R.T.: 18.454 min
Delta R.T.: -0.011 min
Response: 125959
Conc: 0.85 ug/ml

Instrument :
FID_C
ClientSampleId :



#19 n-Tetratriacontane (C34)

R.T.: 19.236 min
Delta R.T.: -0.009 min
Response: 77852
Conc: 0.62 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.977 min
Delta R.T.: -0.010 min
Response: 51151
Conc: 0.49 ug/ml