

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091824AL\
 Data File : FC067150.D
 Signal(s) : FID1A.ch
 Acq On : 18 Sep 2024 14:28
 Operator : YP/AJ
 Sample : P4085-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 19 04:04:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 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)	11.505	3551903	25.508 ug/ml
Spiked Amount 50.000		Recovery =	51.02%
12) S 1-chlorooctadecane (S...	12.944	2662323	27.254 ug/ml
Spiked Amount 50.000		Recovery =	54.51%
Target Compounds			
5) T A~2-methylnaphthalene...	6.918f	68479	0.513 ug/ml
6) T n-Tetradecane (C14)	8.150	152031	1.180 ug/ml
7) T n-Hexadecane (C16)	9.753	161875	1.256 ug/ml
8) T n-Octadecane (C18)	11.191	102077	0.798 ug/ml
14) T n-Tetracosane (C24)	14.762	76355	0.672 ug/ml
16) T n-Octacosane (C28)	16.767	59611	0.552 ug/ml
17) T n-Tricontane (C30)	17.652	121977	1.121 ug/ml
18) T n-Dotriacontane (C32)	18.484	174891	1.677 ug/ml
19) T n-Tetratriacontane (C34)	19.267	150130	1.627 ug/ml
20) T n-Hexatriacontane (C36)	20.006	145792	1.840 ug/ml
21) T n-Octatriacontane (C38)	20.731	193219	2.572 ug/ml
22) T n-Tetracontane (C40)	21.619	279582	4.002 ug/ml

(f)=RT Delta > 1/2 Window

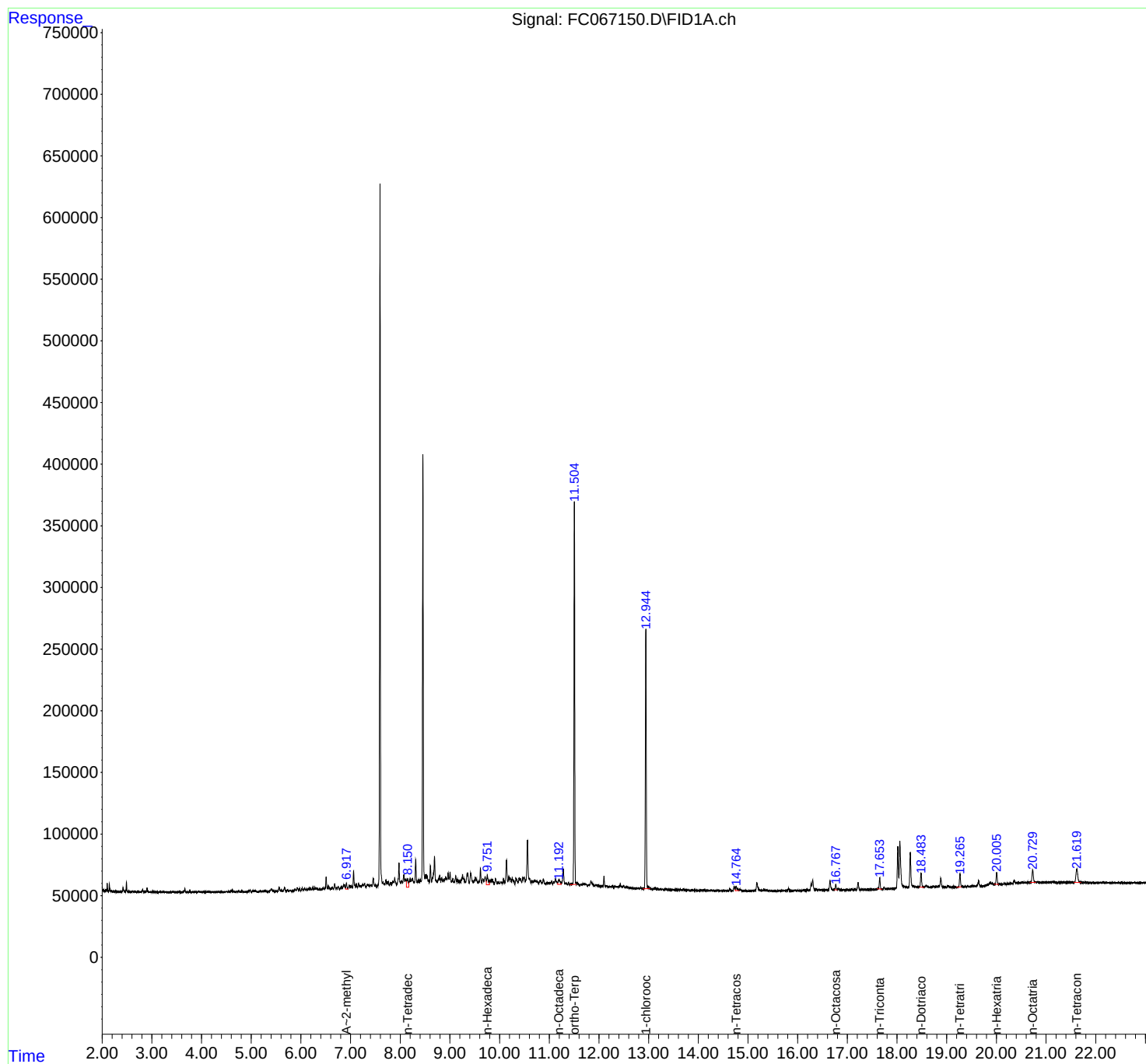
(m)=manual int.

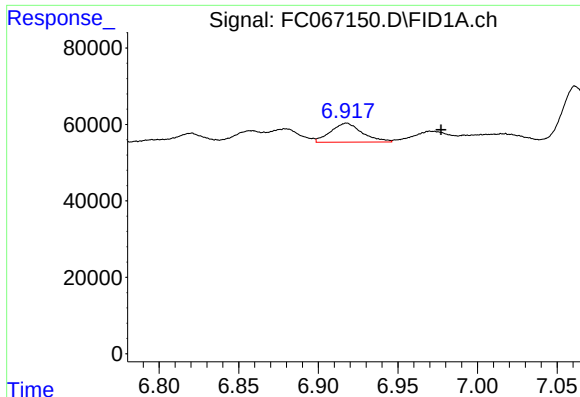
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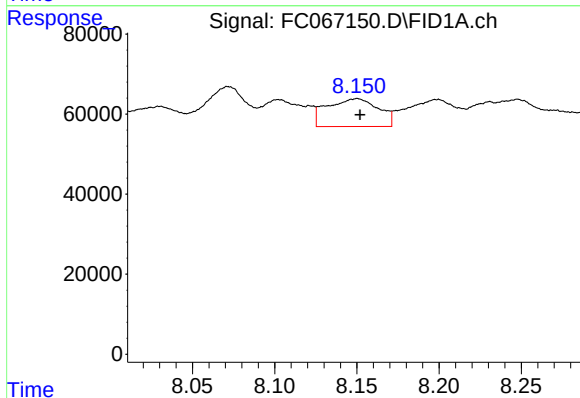




#5 A~2-methylnaphthalene (C12.89)

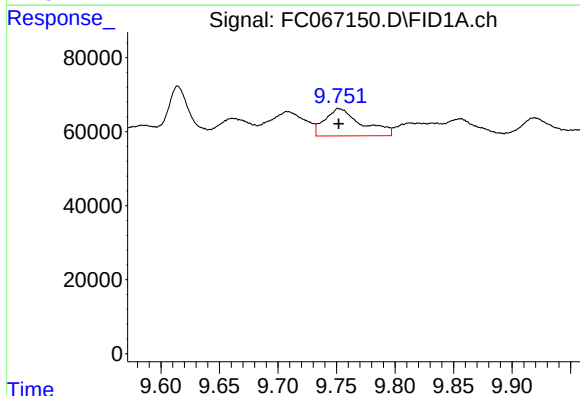
R.T.: 6.918 min
Delta R.T.: -0.059 min
Response: 68479
Conc: 0.51 ug/ml

Instrument :
FID_C
ClientSampleId :



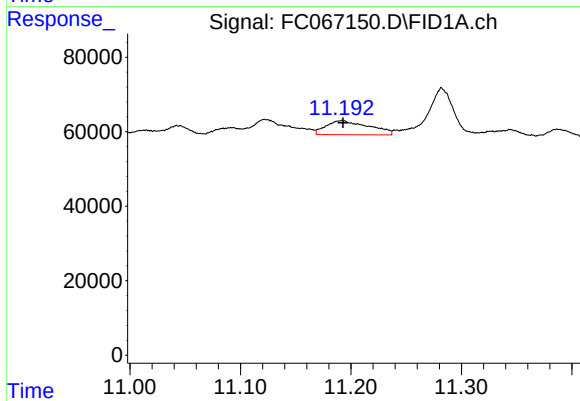
#6 n-Tetradecane (C14)

R.T.: 8.150 min
Delta R.T.: -0.002 min
Response: 152031
Conc: 1.18 ug/ml



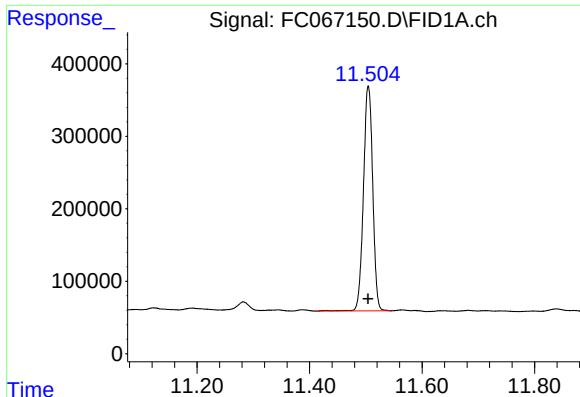
#7 n-Hexadecane (C16)

R.T.: 9.753 min
Delta R.T.: 0.000 min
Response: 161875
Conc: 1.26 ug/ml



#8 n-Octadecane (C18)

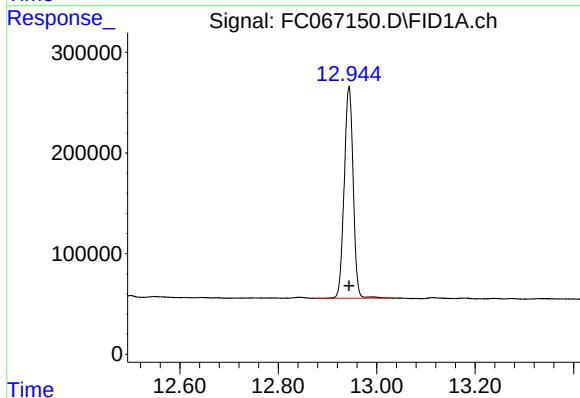
R.T.: 11.191 min
Delta R.T.: -0.001 min
Response: 102077
Conc: 0.80 ug/ml



#9 ortho-Terphenyl (SURR)

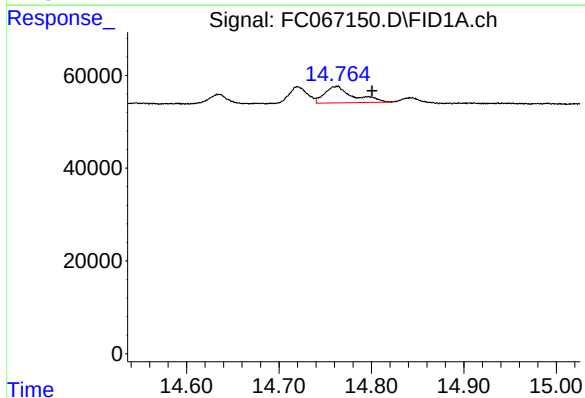
R.T.: 11.505 min
Delta R.T.: 0.000 min
Response: 3551903
Conc: 25.51 ug/ml

Instrument :
FID_C
ClientSampleId :



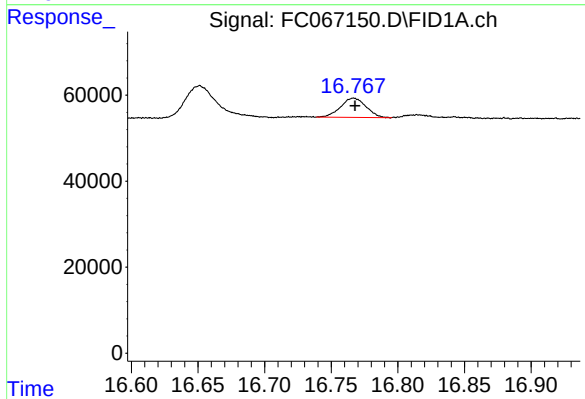
#12 1-chlorooctadecane (SURR)

R.T.: 12.944 min
Delta R.T.: 0.000 min
Response: 2662323
Conc: 27.25 ug/ml



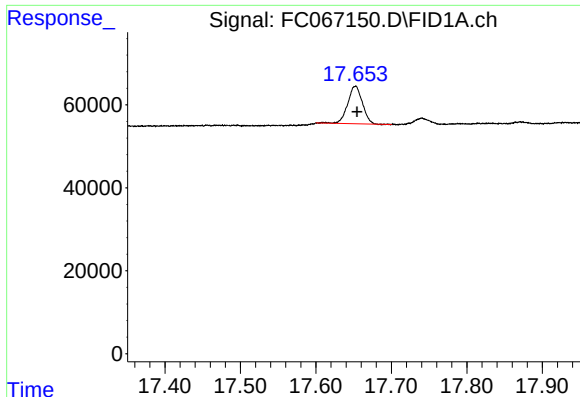
#14 n-Tetracosane (C24)

R.T.: 14.762 min
Delta R.T.: -0.039 min
Response: 76355
Conc: 0.67 ug/ml



#16 n-Octacosane (C28)

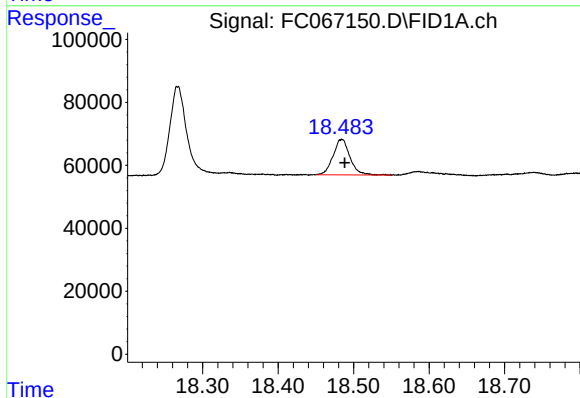
R.T.: 16.767 min
Delta R.T.: -0.001 min
Response: 59611
Conc: 0.55 ug/ml



#17 n-Tricontane (C30)

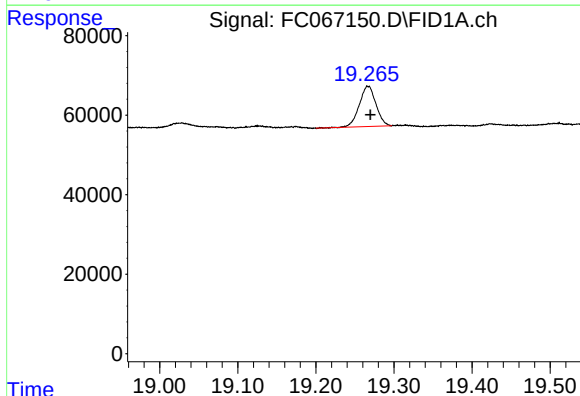
R.T.: 17.652 min
Delta R.T.: -0.002 min
Response: 121977
Conc: 1.12 ug/ml

Instrument :
FID_C
ClientSampleId :



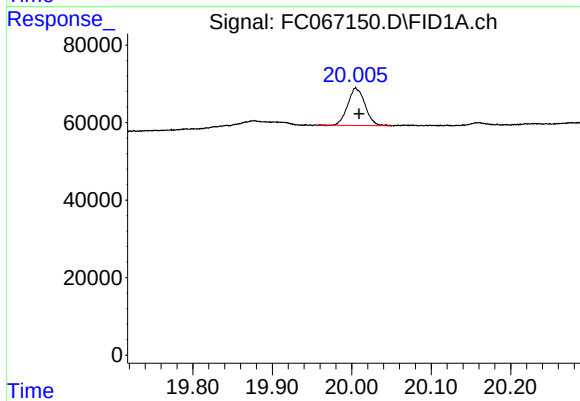
#18 n-Dotriacontane (C32)

R.T.: 18.484 min
Delta R.T.: -0.004 min
Response: 174891
Conc: 1.68 ug/ml



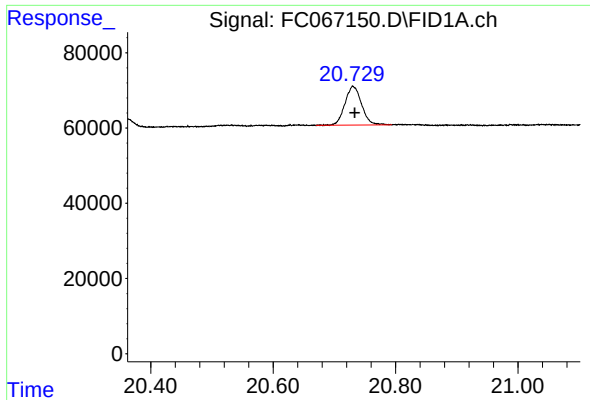
#19 n-Tetratriacontane (C34)

R.T.: 19.267 min
Delta R.T.: -0.003 min
Response: 150130
Conc: 1.63 ug/ml



#20 n-Hexatriacontane (C36)

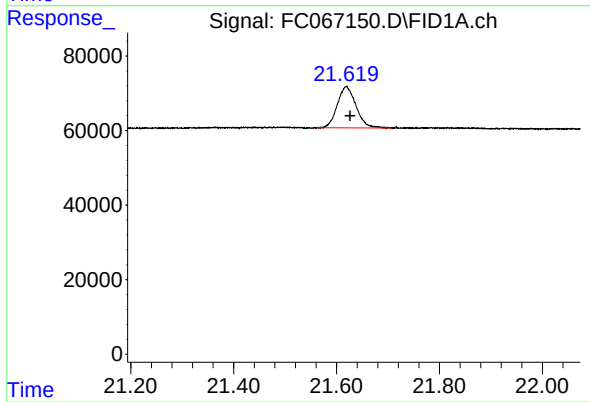
R.T.: 20.006 min
Delta R.T.: -0.003 min
Response: 145792
Conc: 1.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.731 min
Delta R.T.: -0.002 min
Response: 193219
Conc: 2.57 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.619 min
Delta R.T.: -0.008 min
Response: 279582
Conc: 4.00 ug/ml