

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121721AL\
 Data File : FC057566.D
 Signal(s) : FID1A.CH
 Acq On : 17 Dec 2021 11:53
 Operator : AJ\MA
 Sample : M5030-04DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 17 12:20:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 20:43:13 2021
 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)	10.868	118704	0.853 ug/ml
Spiked Amount 50.000		Recovery =	1.71%
12) S 1-chlorooctadecane (S...	12.294	368529	3.328 ug/ml
Spiked Amount 50.000		Recovery =	6.66%
Target Compounds			
7) T n-Hexadecane (C16)	9.059	49506	0.395 ug/ml
10) T n-Eicosane (C20)	11.849	886312	6.822 ug/ml
11) T n-Heneicosane (C21)	12.477	120282	0.916 ug/ml
13) T n-Docosane (C22)	13.051	101012	0.769 ug/ml
14) T n-Tetracosane (C24)	14.181	166747	1.254 ug/ml
16) T n-Octacosane (C28)	16.077	85764	0.652 ug/ml
17) T n-Tricontane (C30)	17.002	12056	0.088 ug/ml
18) T n-Dotriacontane (C32)	17.798	464387	3.464 ug/ml
19) T n-Tetratriacontane (C34)	18.581	315689	2.421 ug/ml
20) T n-Hexatriacontane (C36)	19.323	226747	1.910 ug/ml
21) T n-Octatriacontane (C38)	20.046	186329	1.697 ug/ml
22) T n-Tetracontane (C40)	21.000	656493	6.575 ug/ml

(f)=RT Delta > 1/2 Window

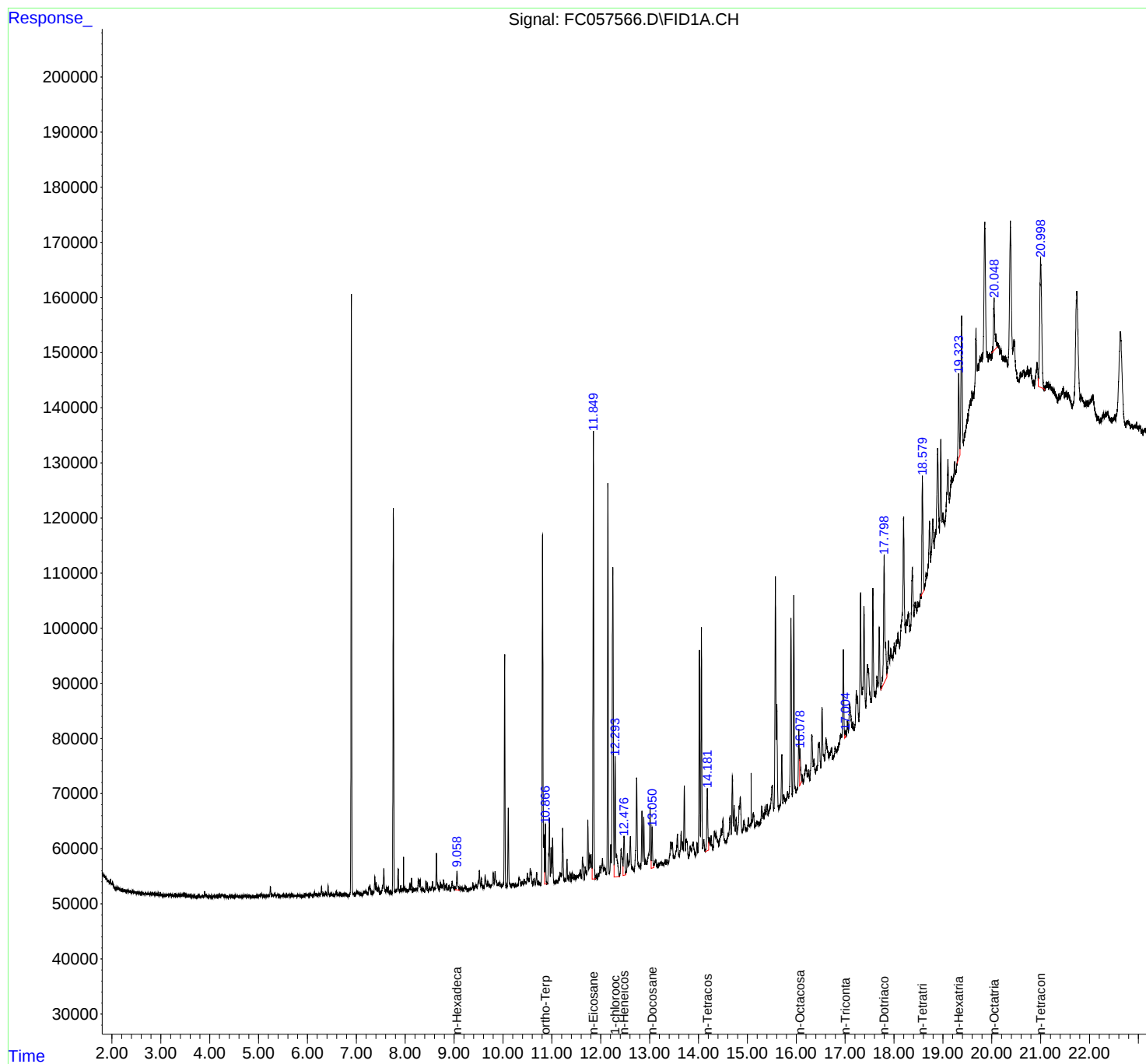
(m)=manual int.

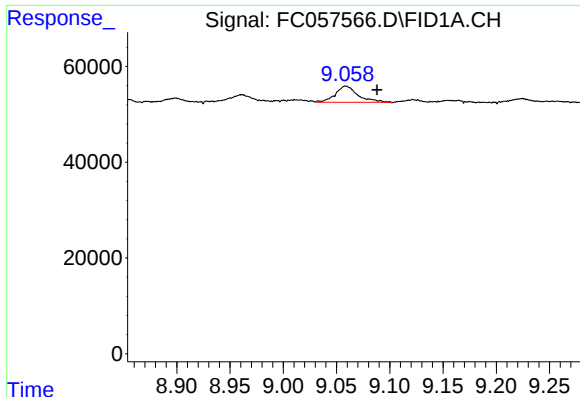
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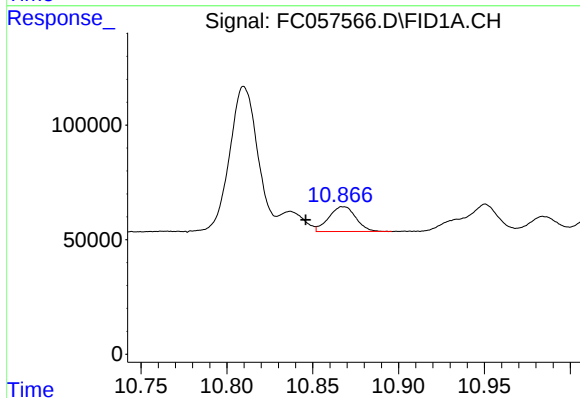




#7 n-Hexadecane (C16)

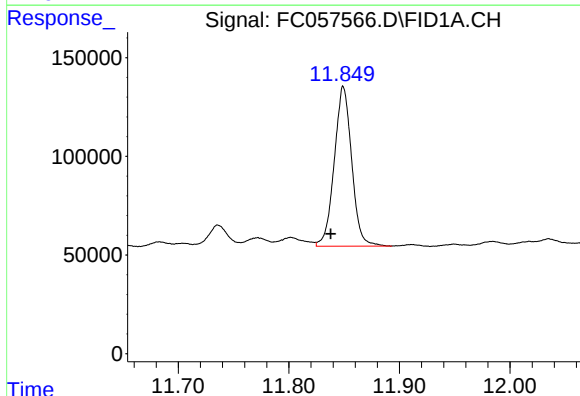
R.T.: 9.059 min
Delta R.T.: -0.029 min
Response: 49506
Conc: 0.39 ug/ml

Instrument :
FID_C
ClientSampleId :



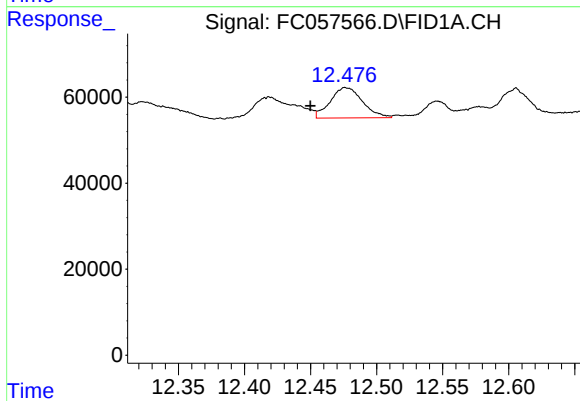
#9 ortho-Terphenyl (SURR)

R.T.: 10.868 min
Delta R.T.: 0.022 min
Response: 118704
Conc: 0.85 ug/ml



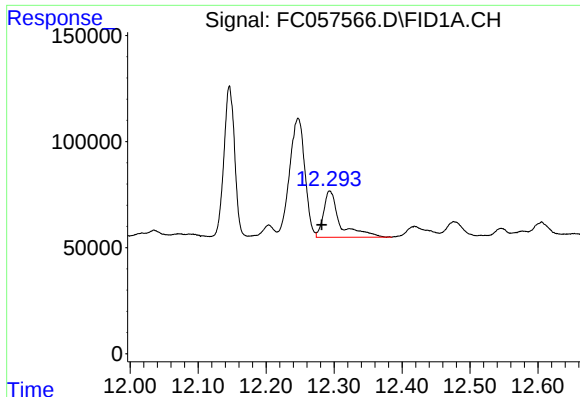
#10 n-Eicosane (C20)

R.T.: 11.849 min
Delta R.T.: 0.011 min
Response: 886312
Conc: 6.82 ug/ml



#11 n-Heneicosane (C21)

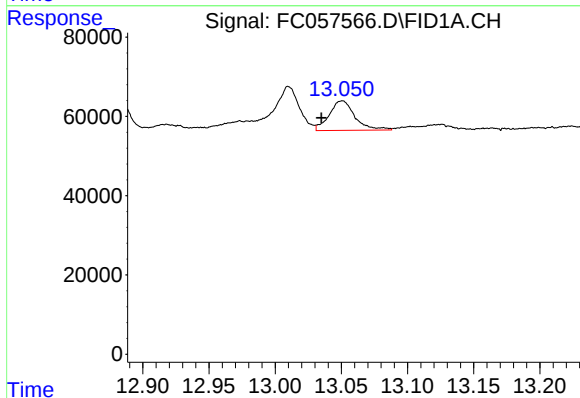
R.T.: 12.477 min
Delta R.T.: 0.027 min
Response: 120282
Conc: 0.92 ug/ml



#12 1-chlorooctadecane (SURR)

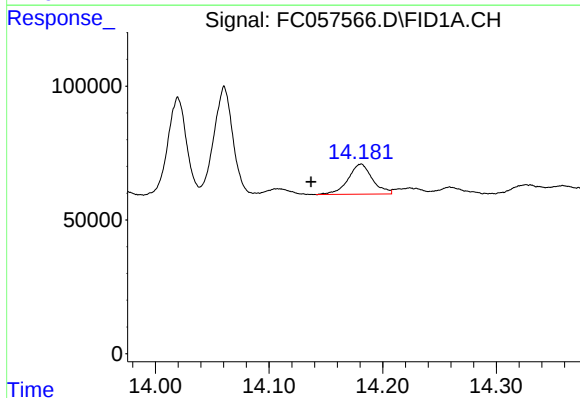
R.T.: 12.294 min
Delta R.T.: 0.012 min
Response: 368529
Conc: 3.33 ug/ml

Instrument :
FID_C
ClientSampleId :



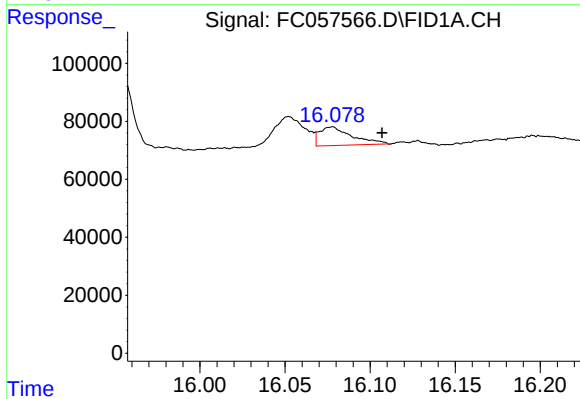
#13 n-Docosane (C22)

R.T.: 13.051 min
Delta R.T.: 0.016 min
Response: 101012
Conc: 0.77 ug/ml



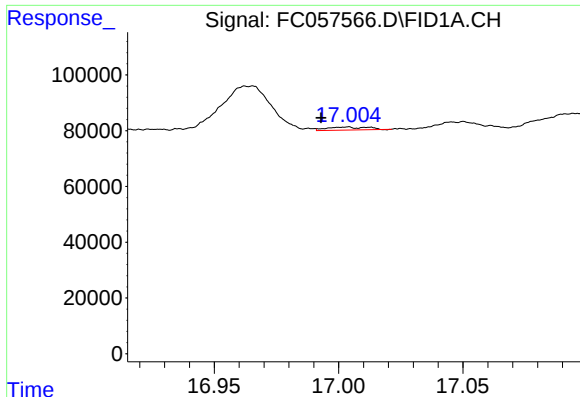
#14 n-Tetracosane (C24)

R.T.: 14.181 min
Delta R.T.: 0.044 min
Response: 166747
Conc: 1.25 ug/ml



#16 n-Octacosane (C28)

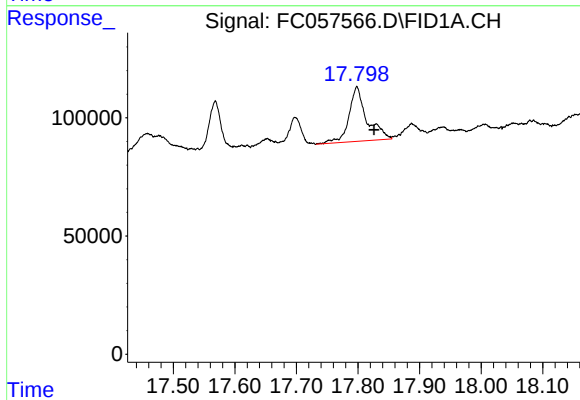
R.T.: 16.077 min
Delta R.T.: -0.030 min
Response: 85764
Conc: 0.65 ug/ml



#17 n-Tricontane (C30)

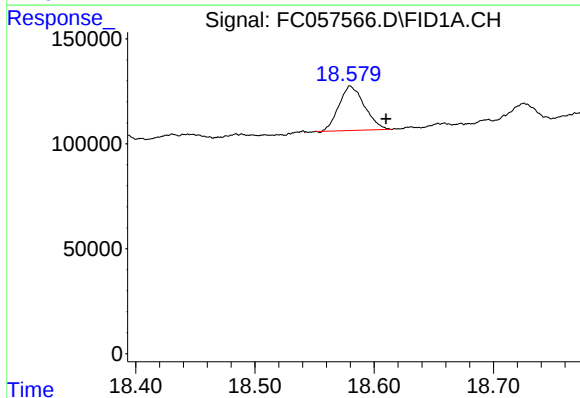
R.T.: 17.002 min
Delta R.T.: 0.009 min
Response: 12056
Conc: 0.09 ug/ml

Instrument :
FID_C
ClientSampleId :



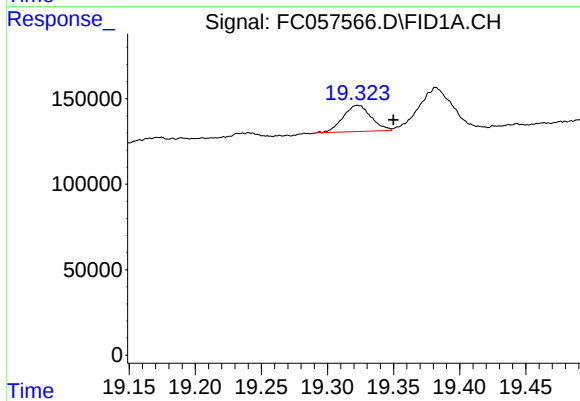
#18 n-Dotriacontane (C32)

R.T.: 17.798 min
Delta R.T.: -0.028 min
Response: 464387
Conc: 3.46 ug/ml



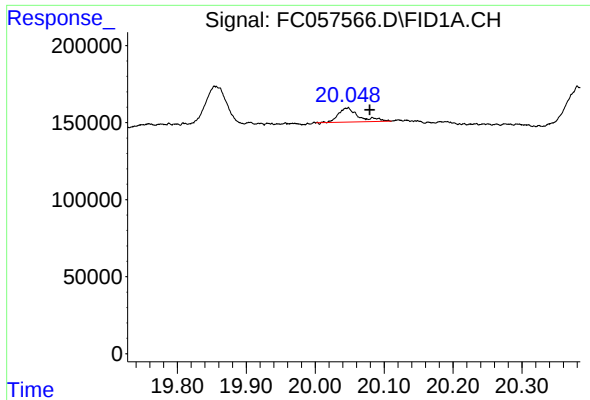
#19 n-Tetratriacontane (C34)

R.T.: 18.581 min
Delta R.T.: -0.029 min
Response: 315689
Conc: 2.42 ug/ml



#20 n-Hexatriacontane (C36)

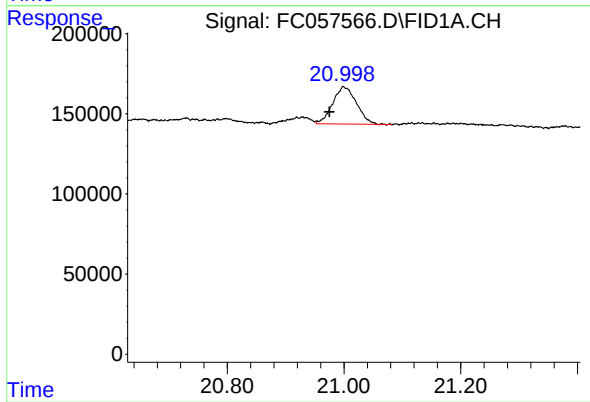
R.T.: 19.323 min
Delta R.T.: -0.027 min
Response: 226747
Conc: 1.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.046 min
Delta R.T.: -0.033 min
Response: 186329
Conc: 1.70 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.000 min
Delta R.T.: 0.025 min
Response: 656493
Conc: 6.58 ug/ml