

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032922AL\
 Data File : FC058977.D
 Signal(s) : FID1A.CH
 Acq On : 30 Mar 2022 13:23
 Operator : UA/NP
 Sample : N2158-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 30 14:26:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 2022
 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)	11.097	3093924	21.473 ug/ml
Spiked Amount 50.000		Recovery =	42.95%
12) S 1-chlorooctadecane (S...	12.540	7148202	63.770 ug/ml
Spiked Amount 50.000		Recovery =	127.54%
Target Compounds			
6) T n-Tetradecane (C14)	7.780	211441	1.626 ug/ml
7) T n-Hexadecane (C16)	9.371	325601	2.452 ug/ml
8) T n-Octadecane (C18)	10.805	318093	2.392 ug/ml
10) T n-Eicosane (C20)	12.106	269193	2.055 ug/ml
11) T n-Heneicosane (C21)	12.716	217661	1.668 ug/ml
13) T n-Docosane (C22)	13.299	187476	1.447 ug/ml
14) T n-Tetracosane (C24)	14.396	217152	1.719 ug/ml
15) T n-Hexacosane (C26)	15.414	196297	1.625 ug/ml
16) T n-Octacosane (C28)	16.343	631067	5.329 ug/ml
17) T n-Tricontane (C30)	17.242	1035575	9.078 ug/ml
18) T n-Dotriacontane (C32)	18.079	341090	3.184 ug/ml
19) T n-Tetratriacontane (C34)	18.861	343105	3.396 ug/ml
20) T n-Hexatriacontane (C36)	19.617	452791	4.739 ug/ml
21) T n-Octatriacontane (C38)	20.298	94863	1.031 ug/ml

(f)=RT Delta > 1/2 Window

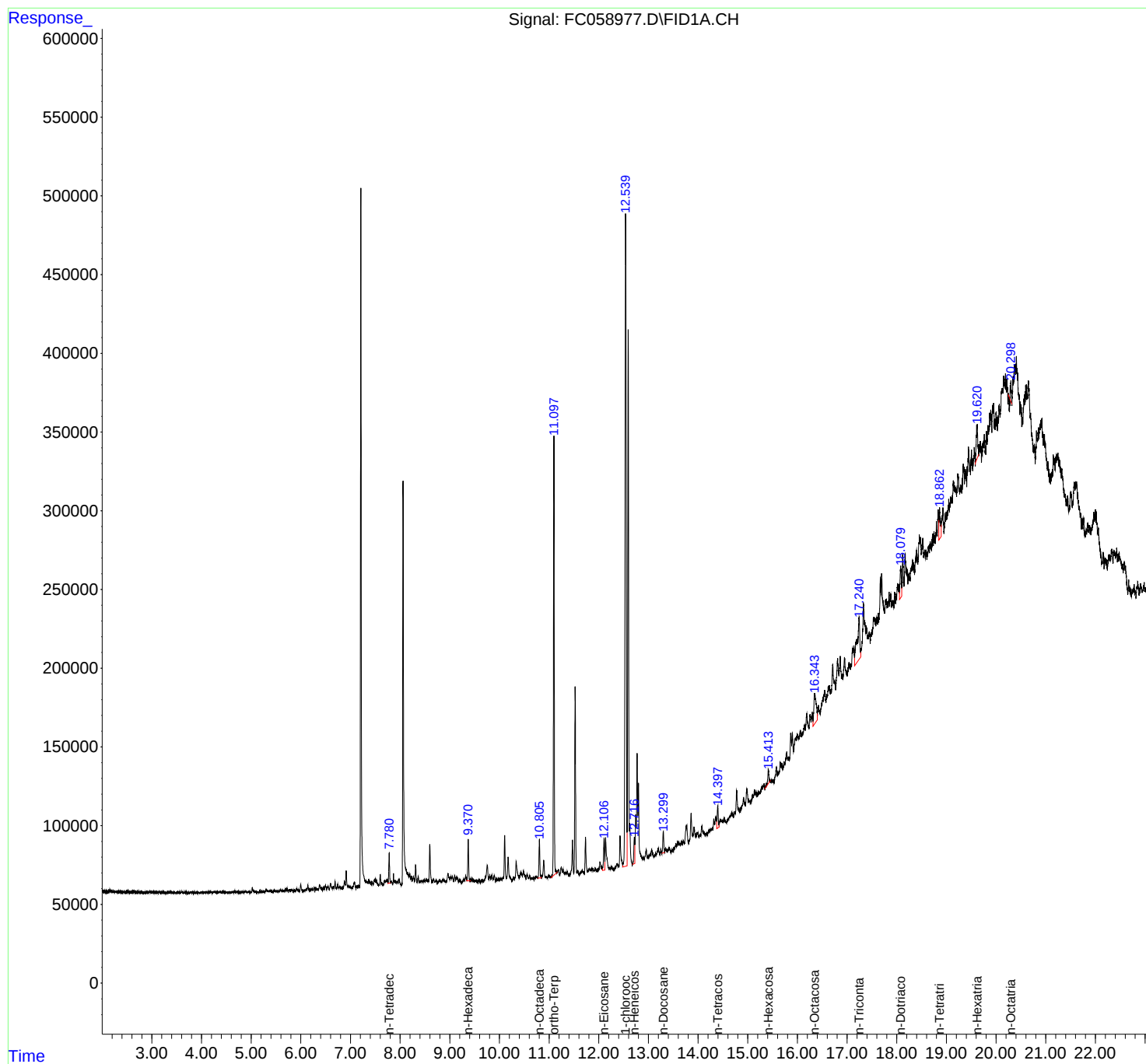
(m)=manual int.

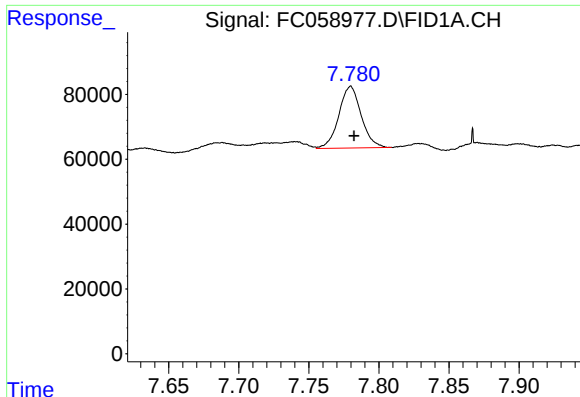
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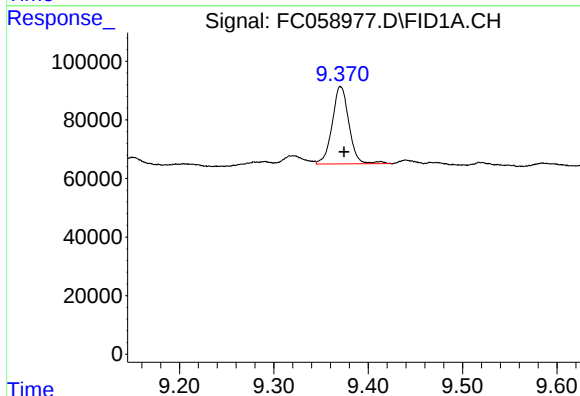




#6 n-Tetradecane (C14)

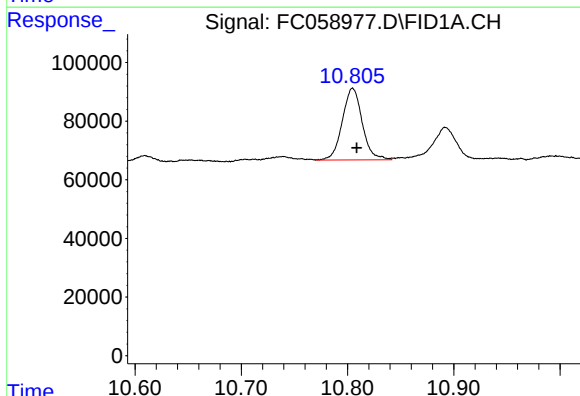
R.T.: 7.780 min
Delta R.T.: -0.003 min
Response: 211441
Conc: 1.63 ug/ml

Instrument :
FID_C
ClientSampleId :



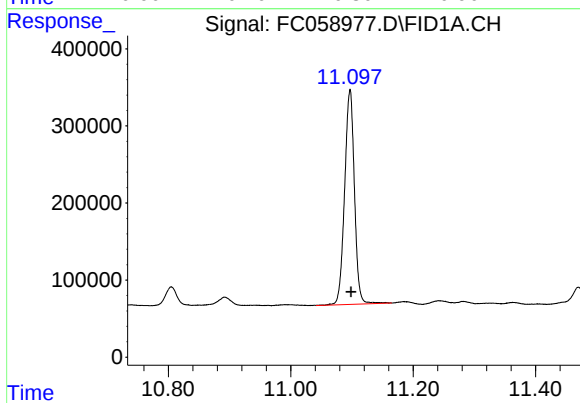
#7 n-Hexadecane (C16)

R.T.: 9.371 min
Delta R.T.: -0.004 min
Response: 325601
Conc: 2.45 ug/ml



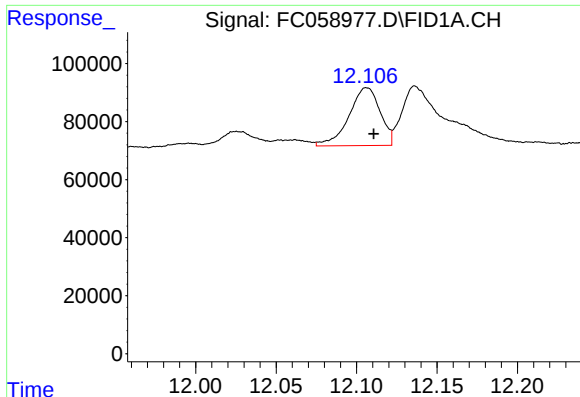
#8 n-Octadecane (C18)

R.T.: 10.805 min
Delta R.T.: -0.004 min
Response: 318093
Conc: 2.39 ug/ml



#9 ortho-Terphenyl (SURR)

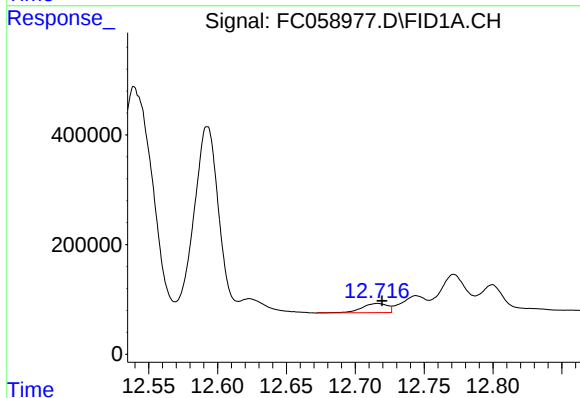
R.T.: 11.097 min
Delta R.T.: -0.002 min
Response: 3093924
Conc: 21.47 ug/ml



#10 n-Eicosane (C20)

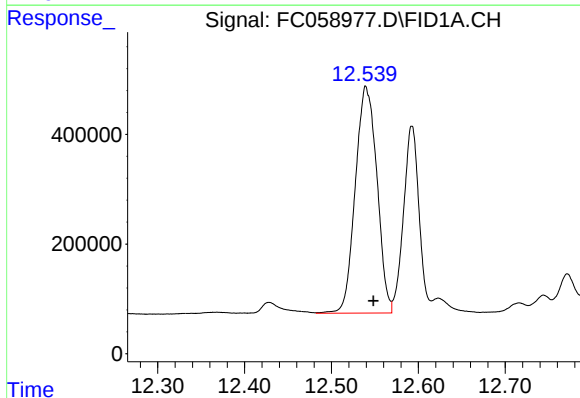
R.T.: 12.106 min
Delta R.T.: -0.004 min
Response: 269193
Conc: 2.05 ug/ml

Instrument :
FID_C
ClientSampleId :



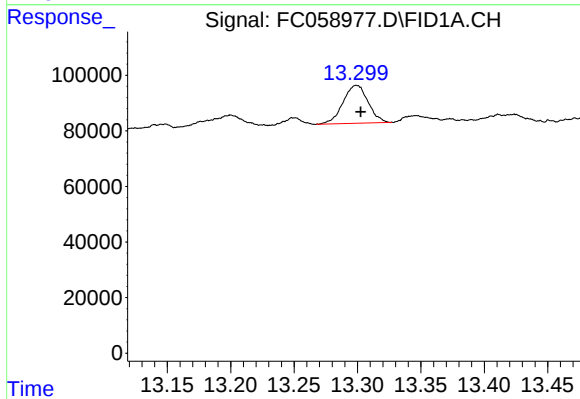
#11 n-Heneicosane (C21)

R.T.: 12.716 min
Delta R.T.: -0.003 min
Response: 217661
Conc: 1.67 ug/ml



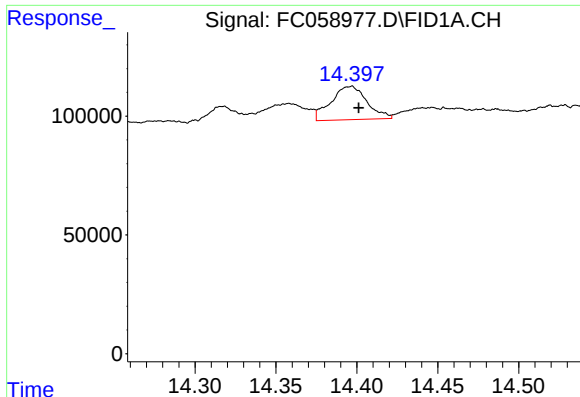
#12 1-chlorooctadecane (SURR)

R.T.: 12.540 min
Delta R.T.: -0.008 min
Response: 7148202
Conc: 63.77 ug/ml



#13 n-Docosane (C22)

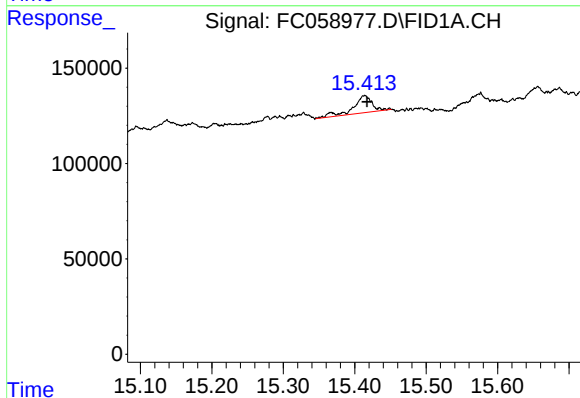
R.T.: 13.299 min
Delta R.T.: -0.004 min
Response: 187476
Conc: 1.45 ug/ml



#14 n-Tetracosane (C24)

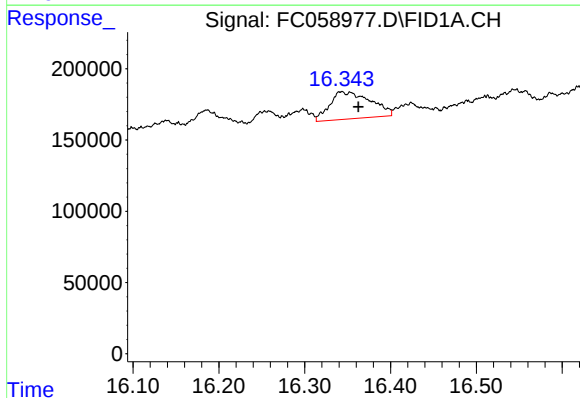
R.T.: 14.396 min
Delta R.T.: -0.005 min
Response: 217152
Conc: 1.72 ug/ml

Instrument :
FID_C
ClientSampleId :



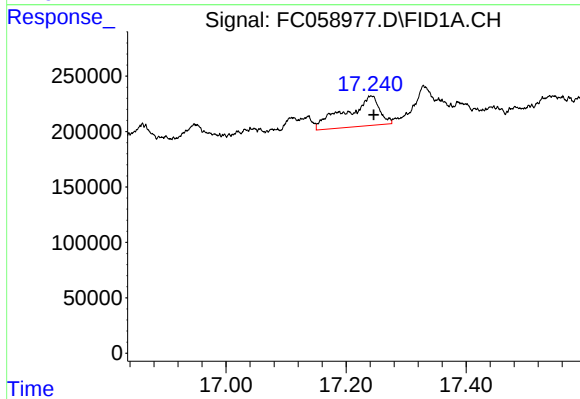
#15 n-Hexacosane (C26)

R.T.: 15.414 min
Delta R.T.: -0.003 min
Response: 196297
Conc: 1.63 ug/ml



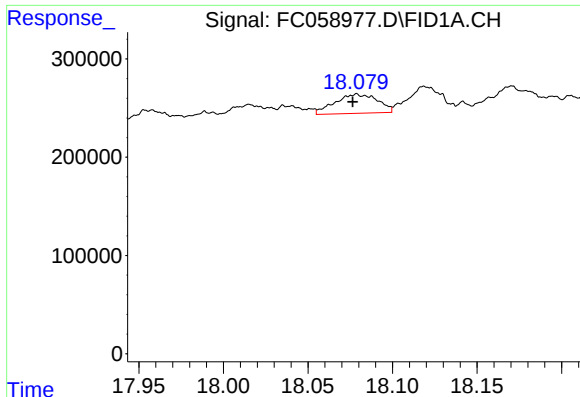
#16 n-Octacosane (C28)

R.T.: 16.343 min
Delta R.T.: -0.020 min
Response: 631067
Conc: 5.33 ug/ml



#17 n-Tricontane (C30)

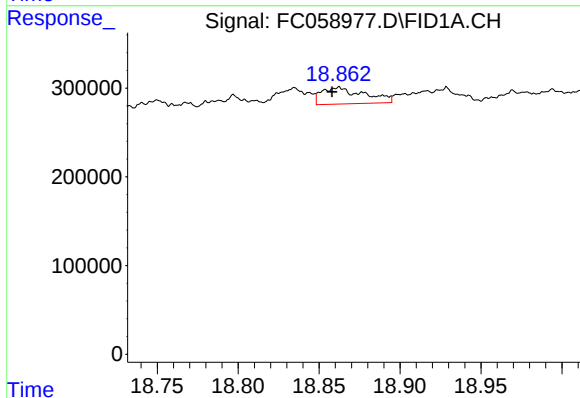
R.T.: 17.242 min
Delta R.T.: -0.004 min
Response: 1035575
Conc: 9.08 ug/ml



#18 n-Dotriacontane (C32)

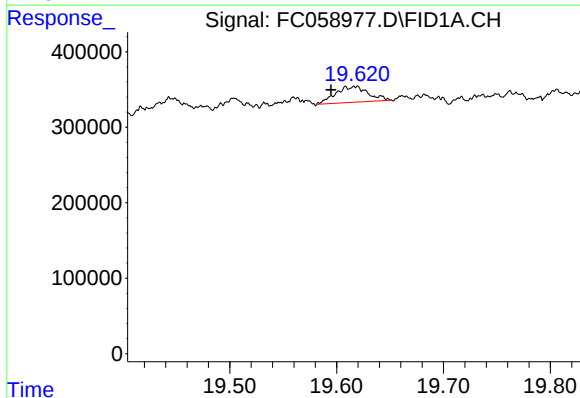
R.T.: 18.079 min
Delta R.T.: 0.002 min
Response: 341090
Conc: 3.18 ug/ml

Instrument :
FID_C
ClientSampleId :



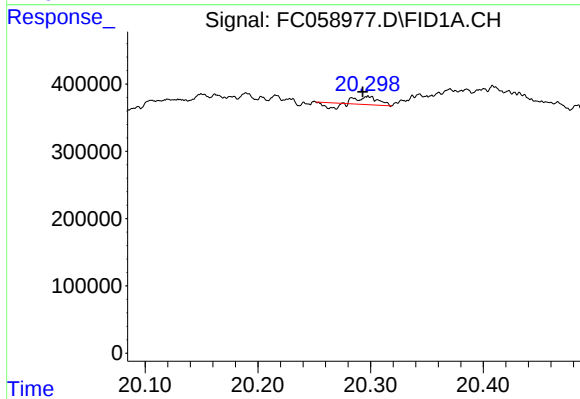
#19 n-Tetratriacontane (C34)

R.T.: 18.861 min
Delta R.T.: 0.003 min
Response: 343105
Conc: 3.40 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.617 min
Delta R.T.: 0.022 min
Response: 452791
Conc: 4.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.298 min
Delta R.T.: 0.005 min
Response: 94863
Conc: 1.03 ug/ml