

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030421AL\
 Data File : FC052225.D
 Signal(s) : FID1A.CH
 Acq On : 04 Mar 2021 21:42
 Operator : DD\AJ
 Sample : M1539-02DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 05 00:37:26 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 03:56:17 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)	11.621	706057	5.354 ug/ml
Spiked Amount 50.000		Recovery =	10.71%
12) S 1-chlorooctadecane (S...	13.047	3867611	37.189 ug/ml
Spiked Amount 50.000		Recovery =	74.38%
Target Compounds			
4) T n-Dodecane (C12)	6.452	87522	0.724 ug/ml
6) T n-Tetradecane (C14)	8.252	341685	2.818 ug/ml
7) T n-Hexadecane (C16)	9.857	455983	3.811 ug/ml
8) T n-Octadecane (C18)	11.301	345615	2.792 ug/ml
10) T n-Eicosane (C20)	12.613	249015	2.021 ug/ml
11) T n-Heneicosane (C21)	13.227	202015	1.655 ug/ml
13) T n-Docosane (C22)	13.813	120169	0.999 ug/ml
14) T n-Tetracosane (C24)	14.915	177637	1.524 ug/ml
17) T n-Tricontane (C30)	17.781	161986	1.721 ug/ml
18) T n-Dotriacontane (C32)	18.615	155471	1.821 ug/ml
19) T n-Tetratriacontane (C34)	19.397	96706	1.247 ug/ml
20) T n-Hexatriacontane (C36)	20.141	186493	2.595 ug/ml
22) T n-Tetracontane (C40)	21.814	151814	2.111 ug/ml

(f)=RT Delta > 1/2 Window

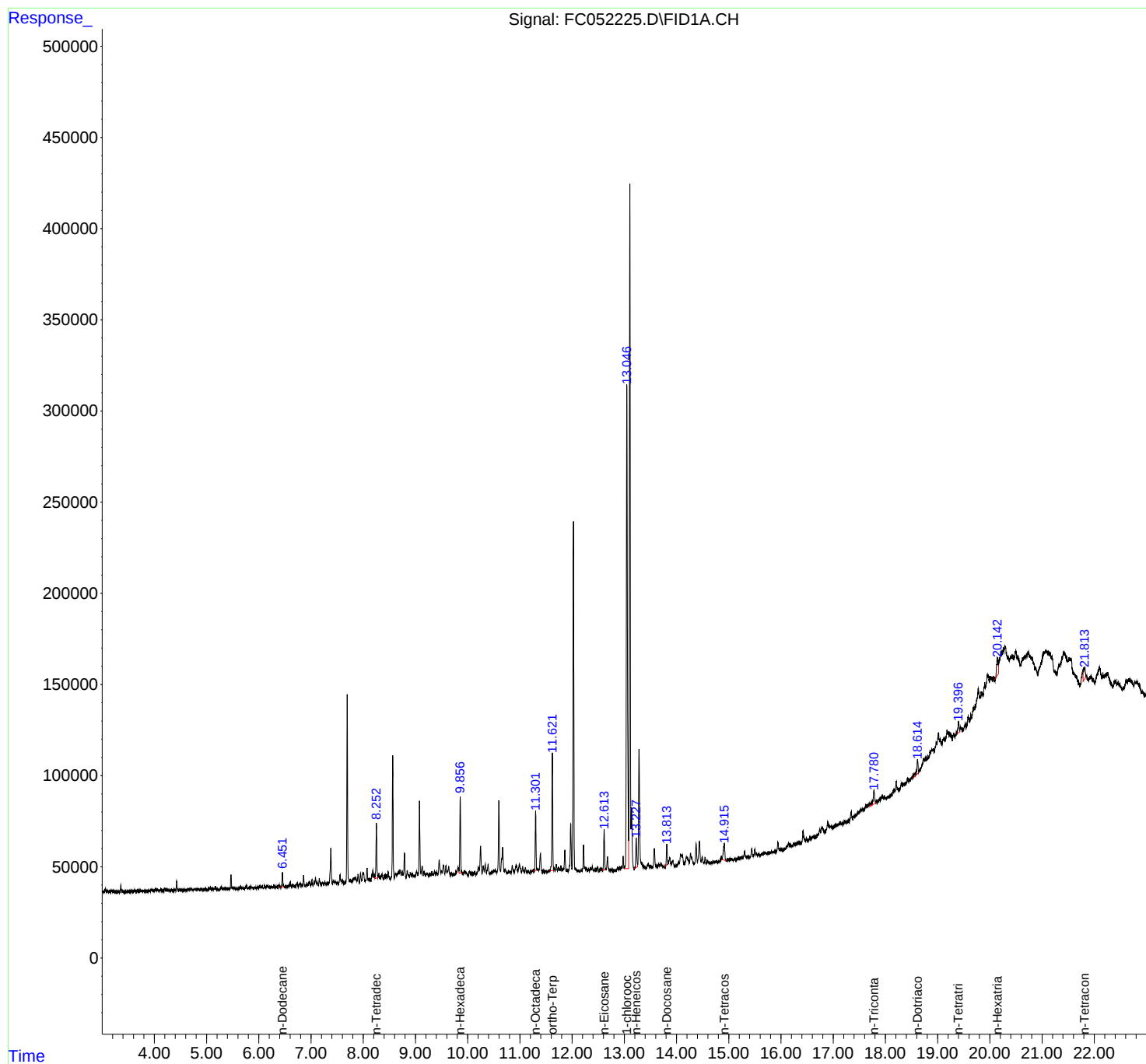
(m)=manual int.

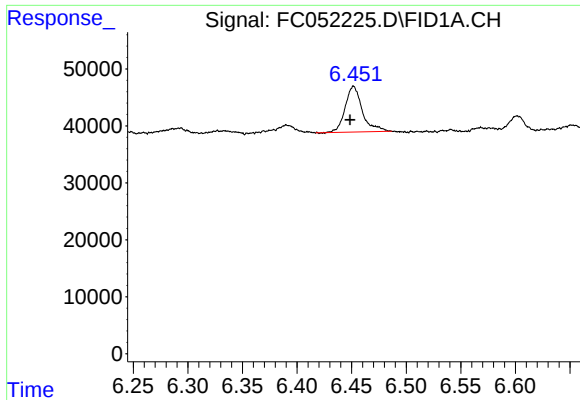
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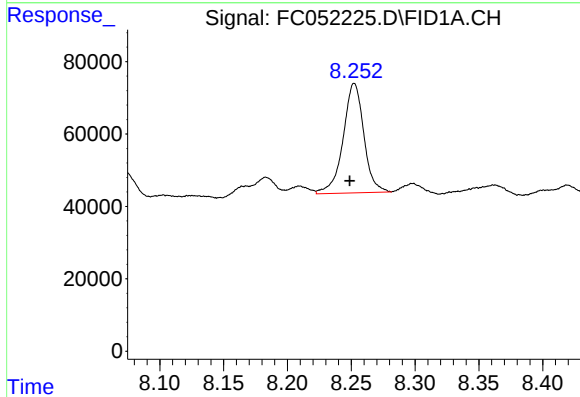




#4 n-Dodecane (C12)

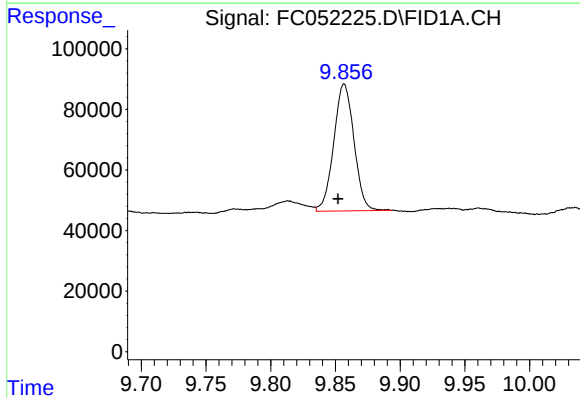
R.T.: 6.452 min
Delta R.T.: 0.003 min
Response: 87522
Conc: 0.72 ug/ml

Instrument :
FID_C
ClientSampleId :



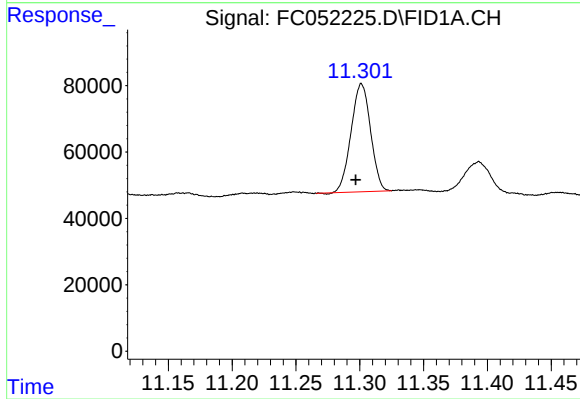
#6 n-Tetradecane (C14)

R.T.: 8.252 min
Delta R.T.: 0.003 min
Response: 341685
Conc: 2.82 ug/ml



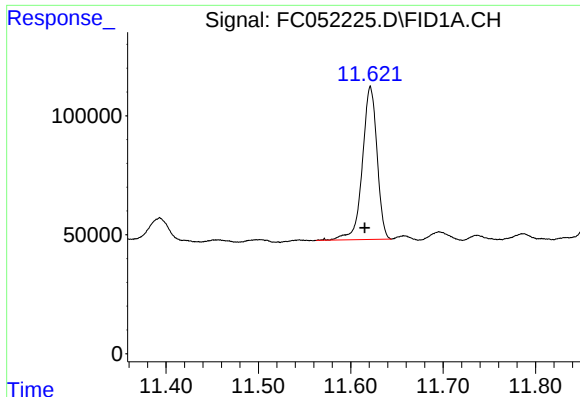
#7 n-Hexadecane (C16)

R.T.: 9.857 min
Delta R.T.: 0.005 min
Response: 455983
Conc: 3.81 ug/ml



#8 n-Octadecane (C18)

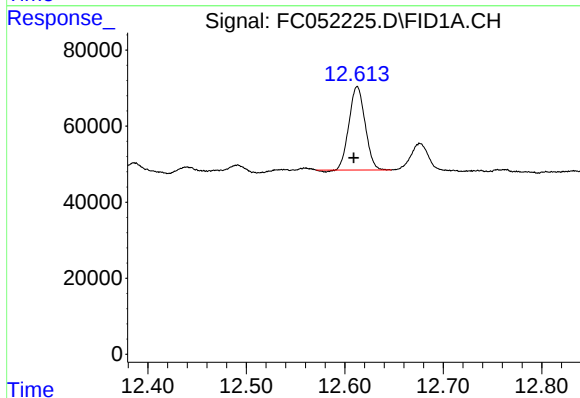
R.T.: 11.301 min
Delta R.T.: 0.005 min
Response: 345615
Conc: 2.79 ug/ml



#9 ortho-Terphenyl (SURR)

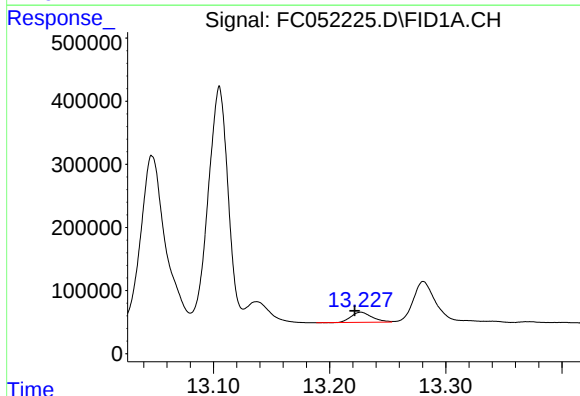
R.T.: 11.621 min
Delta R.T.: 0.006 min
Response: 706057
Conc: 5.35 ug/ml

Instrument :
FID_C
ClientSampleId :



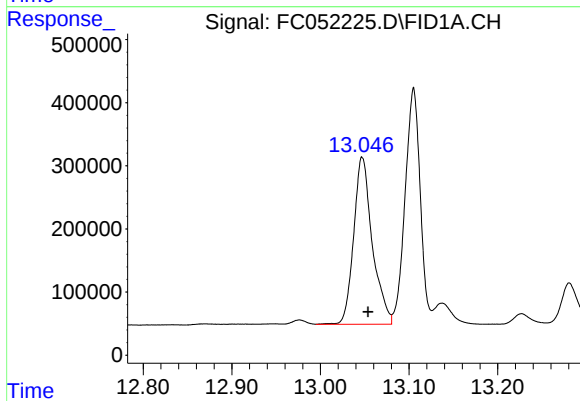
#10 n-Eicosane (C20)

R.T.: 12.613 min
Delta R.T.: 0.003 min
Response: 249015
Conc: 2.02 ug/ml



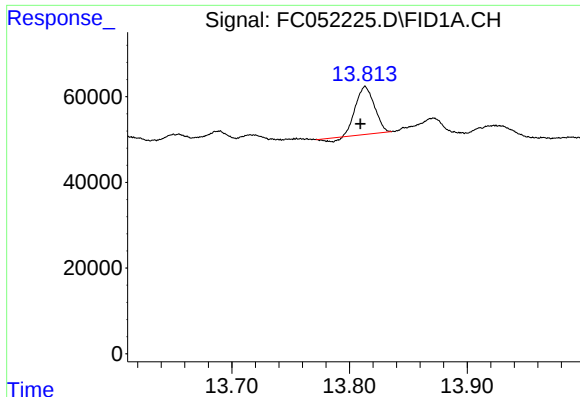
#11 n-Heneicosane (C21)

R.T.: 13.227 min
Delta R.T.: 0.005 min
Response: 202015
Conc: 1.65 ug/ml



#12 1-chlorooctadecane (SURR)

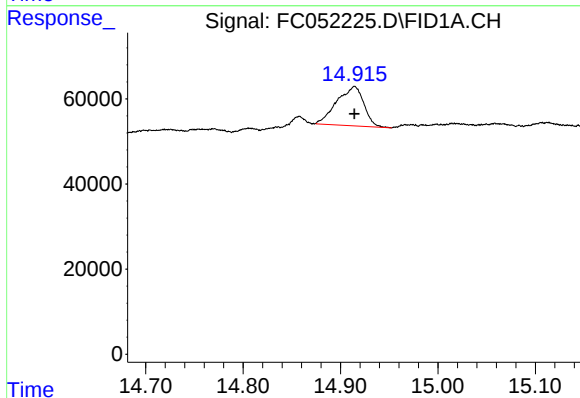
R.T.: 13.047 min
Delta R.T.: -0.006 min
Response: 3867611
Conc: 37.19 ug/ml



#13 n-Docosane (C22)

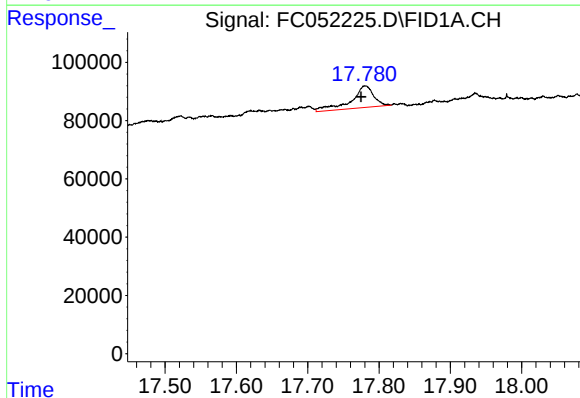
R.T.: 13.813 min
Delta R.T.: 0.004 min
Response: 120169
Conc: 1.00 ug/ml

Instrument :
FID_C
ClientSampleId :



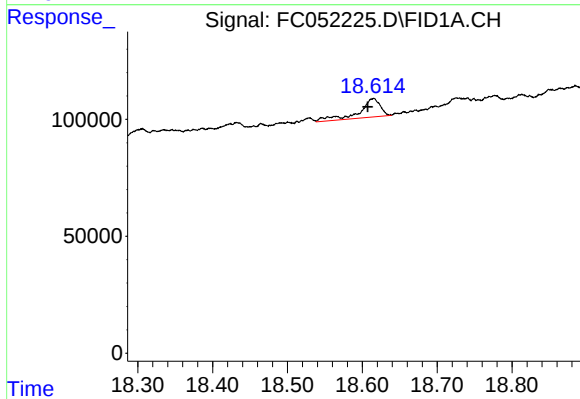
#14 n-Tetracosane (C24)

R.T.: 14.915 min
Delta R.T.: 0.000 min
Response: 177637
Conc: 1.52 ug/ml



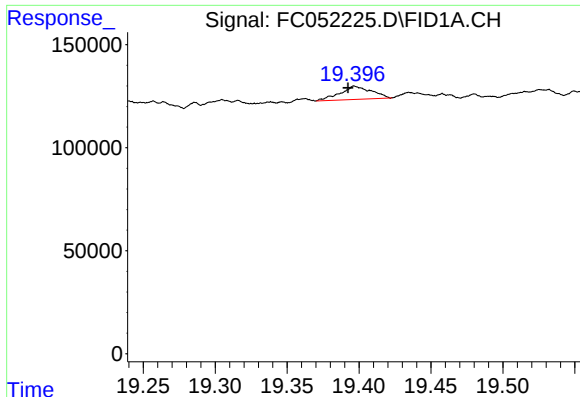
#17 n-Tricontane (C30)

R.T.: 17.781 min
Delta R.T.: 0.006 min
Response: 161986
Conc: 1.72 ug/ml



#18 n-Dotriacontane (C32)

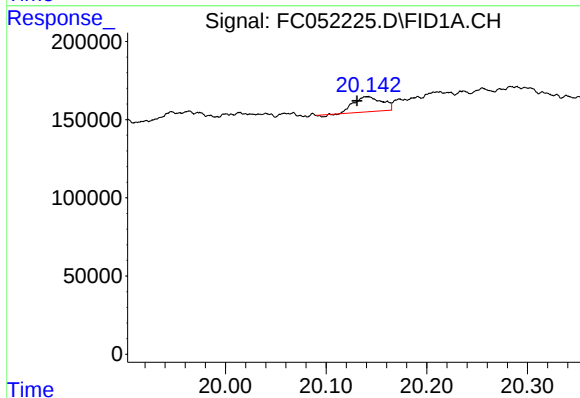
R.T.: 18.615 min
Delta R.T.: 0.008 min
Response: 155471
Conc: 1.82 ug/ml



#19 n-Tetratriacontane (C34)

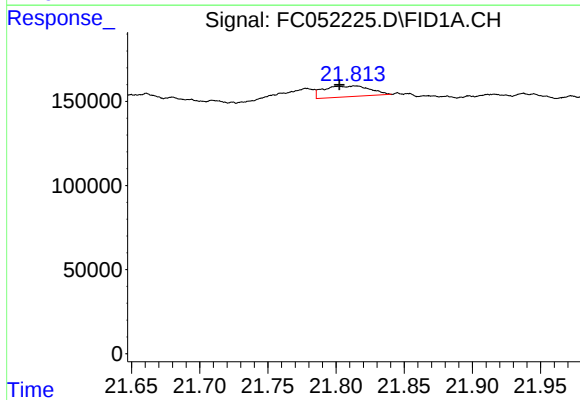
R.T.: 19.397 min
Delta R.T.: 0.005 min
Response: 96706
Conc: 1.25 ug/ml

Instrument :
FID_C
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.141 min
Delta R.T.: 0.010 min
Response: 186493
Conc: 2.60 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.814 min
Delta R.T.: 0.012 min
Response: 151814
Conc: 2.11 ug/ml