

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092721AL\
 Data File : FC055849.D
 Signal(s) : FID1A.CH
 Acq On : 27 Sep 2021 22:27
 Operator : AJ\MA
 Sample : M3925-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 28 01:10:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092021.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 21 03:14:48 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)	11.663	3403420	26.951 ug/ml
Spiked Amount 50.000		Recovery =	53.90%
12) S 1-chlorooctadecane (S...	13.097	2691019	27.234 ug/ml
Spiked Amount 50.000		Recovery =	54.47%
Target Compounds			
7) T n-Hexadecane (C16)	9.893	254868	2.231 ug/ml
8) T n-Octadecane (C18)	11.337	267831	2.257 ug/ml
10) T n-Eicosane (C20)	12.647	237091	2.009 ug/ml
11) T n-Heneicosane (C21)	13.261	247555	2.075 ug/ml
13) T n-Docosane (C22)	13.848	242208	2.044 ug/ml
14) T n-Tetracosane (C24)	14.949	374798	3.167 ug/ml
15) T n-Hexacosane (C26)	15.973	501203	4.399 ug/ml
16) T n-Octacosane (C28)	16.924	298018	2.740 ug/ml
17) T n-Tricontane (C30)	17.814	722266	7.140 ug/ml
18) T n-Dotriacontane (C32)	18.646	597997	6.544 ug/ml
19) T n-Tetratriacontane (C34)	19.433	130283	1.509 ug/ml
20) T n-Hexatriacontane (C36)	20.101	207276	2.437 ug/ml
21) T n-Octatriacontane (C38)	20.924	327575	4.303 ug/ml
22) T n-Tetracontane (C40)	21.868f	904365	12.911 ug/ml

(f)=RT Delta > 1/2 Window

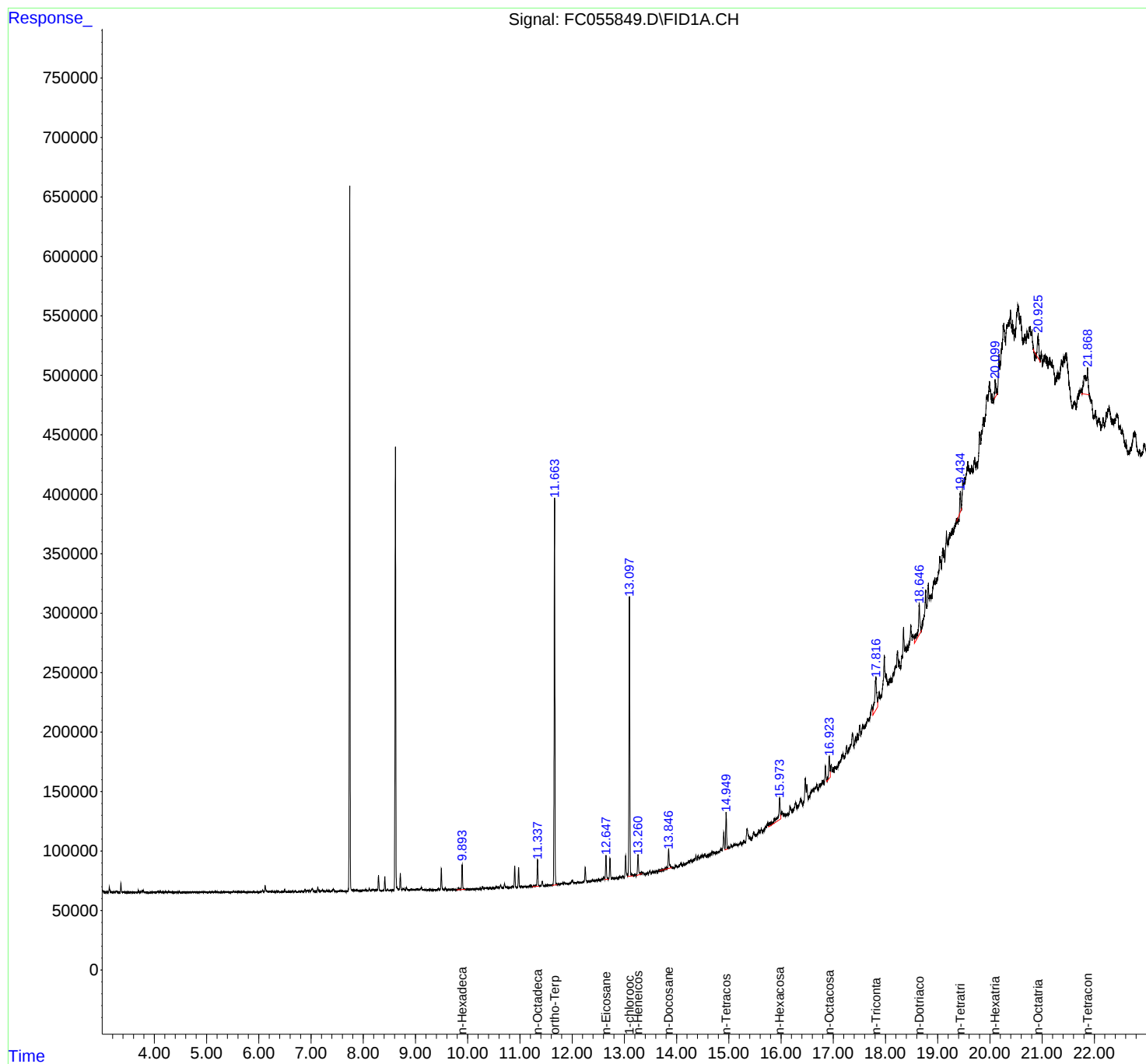
(m)=manual int.

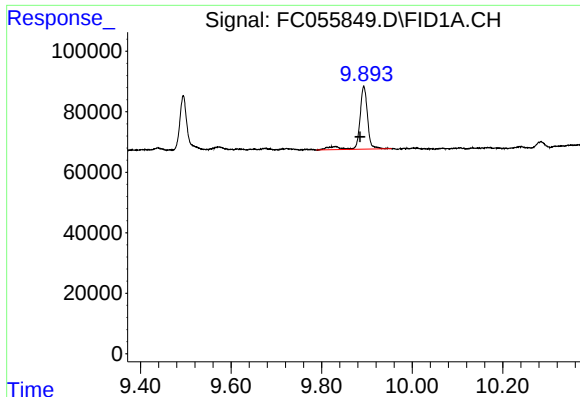
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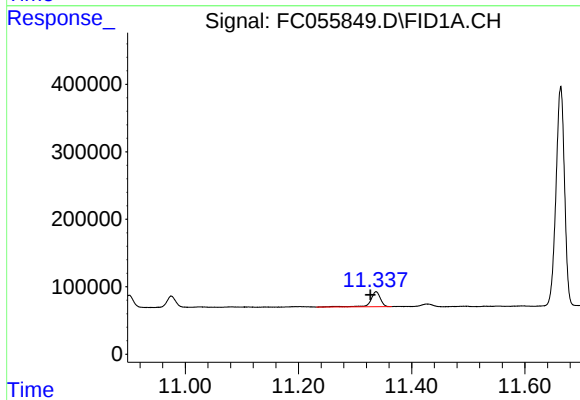




#7 n-Hexadecane (C16)

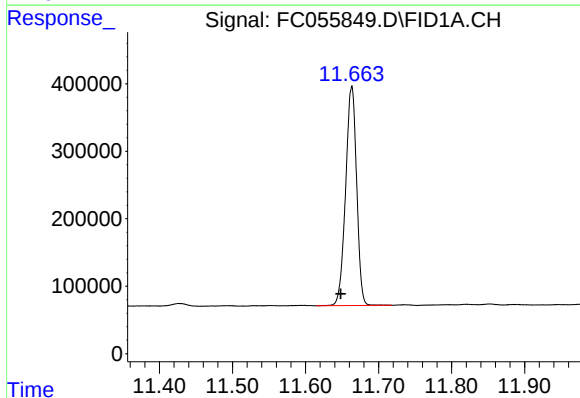
R.T.: 9.893 min
Delta R.T.: 0.009 min
Response: 254868
Conc: 2.23 ug/ml

Instrument :
FID_C
ClientSampleId :



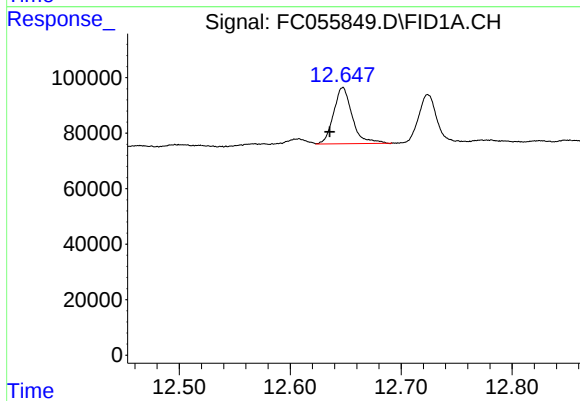
#8 n-Octadecane (C18)

R.T.: 11.337 min
Delta R.T.: 0.010 min
Response: 267831
Conc: 2.26 ug/ml



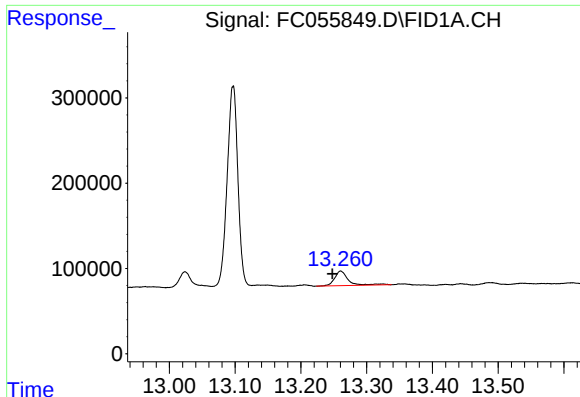
#9 ortho-Terphenyl (SURR)

R.T.: 11.663 min
Delta R.T.: 0.015 min
Response: 3403420
Conc: 26.95 ug/ml



#10 n-Eicosane (C20)

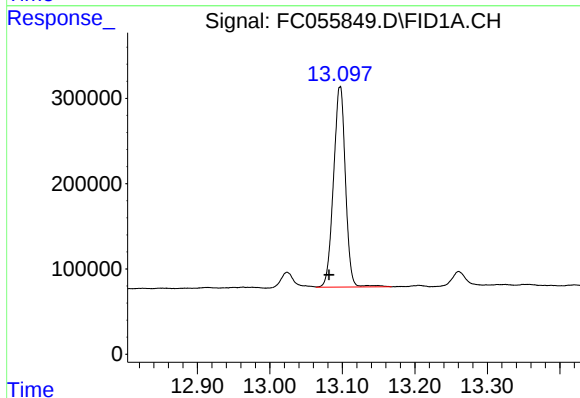
R.T.: 12.647 min
Delta R.T.: 0.012 min
Response: 237091
Conc: 2.01 ug/ml



#11 n-Heneicosane (C21)

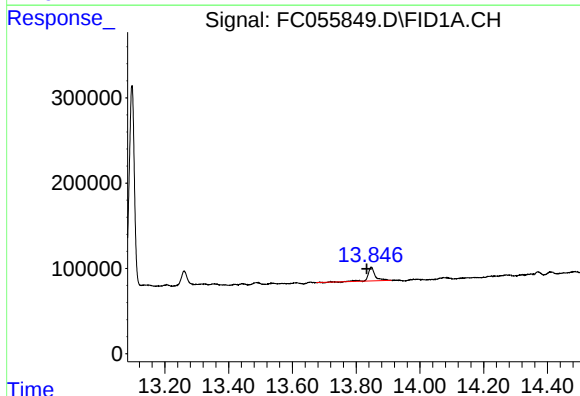
R.T.: 13.261 min
Delta R.T.: 0.013 min
Response: 247555
Conc: 2.07 ug/ml

Instrument :
FID_C
ClientSampleId :



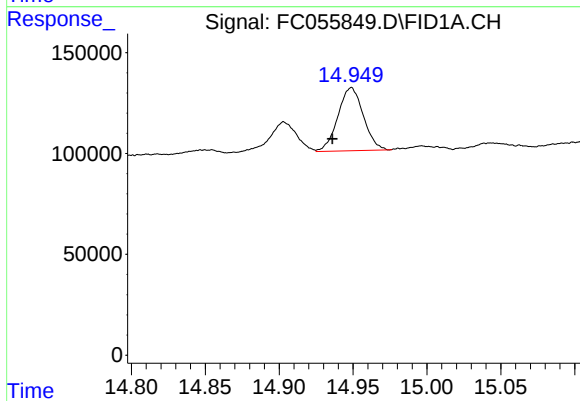
#12 1-chlorooctadecane (SURR)

R.T.: 13.097 min
Delta R.T.: 0.015 min
Response: 2691019
Conc: 27.23 ug/ml



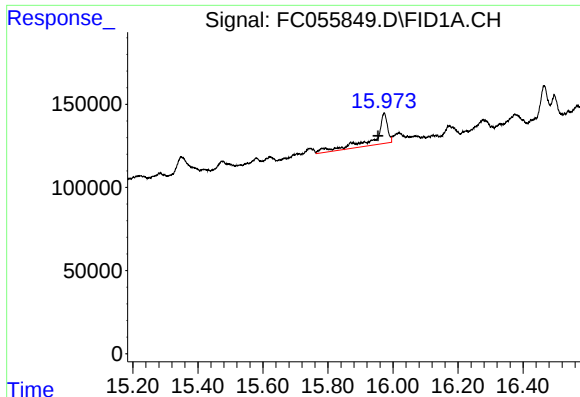
#13 n-Docosane (C22)

R.T.: 13.848 min
Delta R.T.: 0.014 min
Response: 242208
Conc: 2.04 ug/ml



#14 n-Tetracosane (C24)

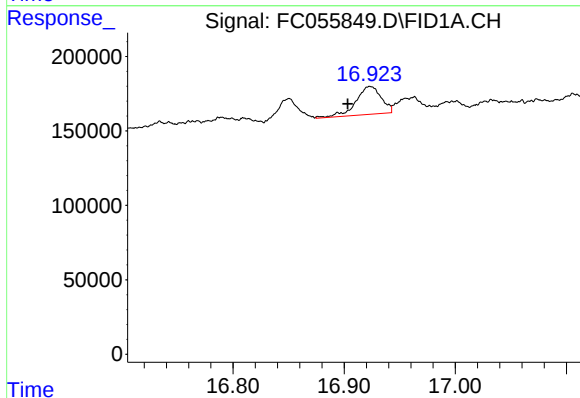
R.T.: 14.949 min
Delta R.T.: 0.013 min
Response: 374798
Conc: 3.17 ug/ml



#15 n-Hexacosane (C26)

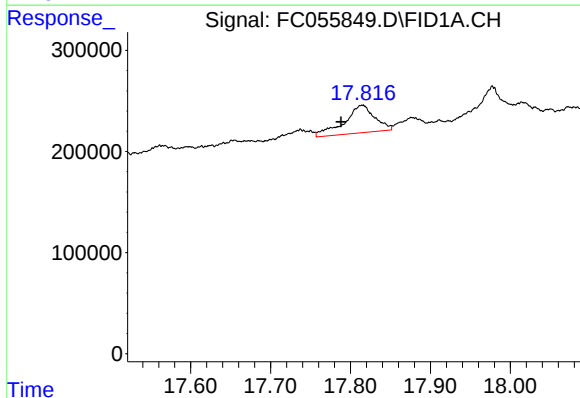
R.T.: 15.973 min
Delta R.T.: 0.019 min
Response: 501203
Conc: 4.40 ug/ml

Instrument :
FID_C
ClientSampleId :



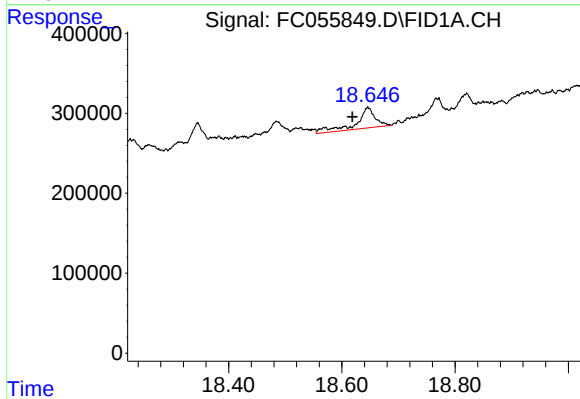
#16 n-Octacosane (C28)

R.T.: 16.924 min
Delta R.T.: 0.020 min
Response: 298018
Conc: 2.74 ug/ml



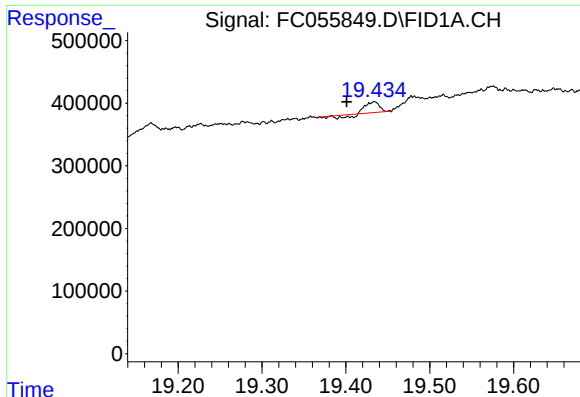
#17 n-Tricontane (C30)

R.T.: 17.814 min
Delta R.T.: 0.026 min
Response: 722266
Conc: 7.14 ug/ml



#18 n-Dotriacontane (C32)

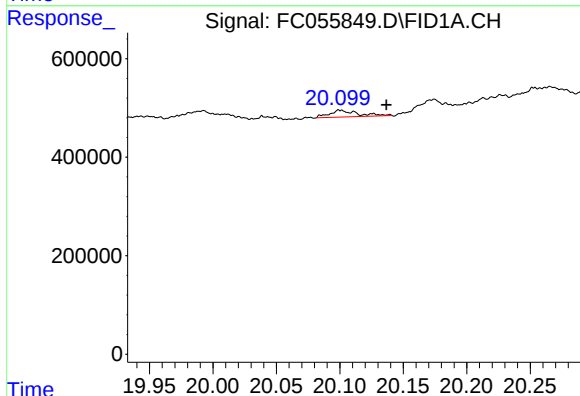
R.T.: 18.646 min
Delta R.T.: 0.027 min
Response: 597997
Conc: 6.54 ug/ml



#19 n-Tetratriacontane (C34)

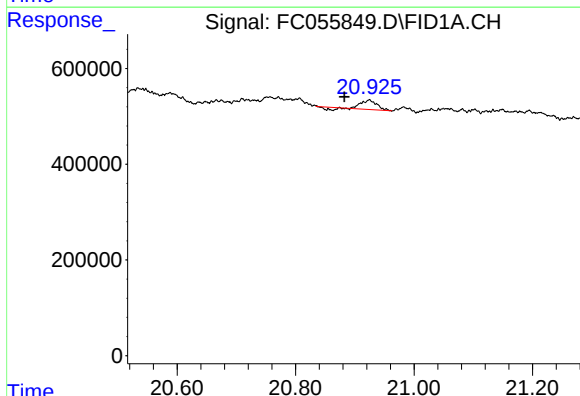
R.T.: 19.433 min
Delta R.T.: 0.032 min
Response: 130283
Conc: 1.51 ug/ml

Instrument :
FID_C
ClientSampleId :



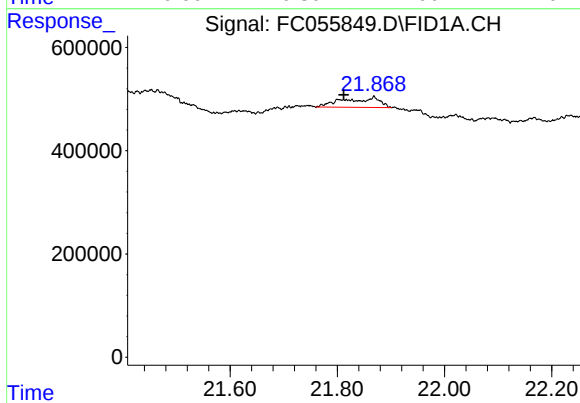
#20 n-Hexatriacontane (C36)

R.T.: 20.101 min
Delta R.T.: -0.036 min
Response: 207276
Conc: 2.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.924 min
Delta R.T.: 0.042 min
Response: 327575
Conc: 4.30 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.868 min
Delta R.T.: 0.057 min
Response: 904365
Conc: 12.91 ug/ml