

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041922AL\
 Data File : FD041995.D
 Signal(s) : FID2B.CH
 Acq On : 19 Apr 2022 16:30
 Operator : UA/NP
 Sample : N2462-02DL 100X
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 19 19:26:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 05:05:55 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)	11.216	169908	0.958 ug/ml
Spiked Amount 50.000		Recovery =	1.92%
12) S 1-chlorooctadecane (S...	12.654	401594	2.900 ug/ml
Spiked Amount 50.000		Recovery =	5.80%
Target Compounds			
7) T n-Hexadecane (C16)	9.488	59925	0.389 ug/ml
10) T n-Eicosane (C20)	12.202	281454	1.779 ug/ml
11) T n-Heneicosane (C21)	12.828	88410	0.552 ug/ml
13) T n-Docosane (C22)	13.407	129874	0.809 ug/ml
14) T n-Tetracosane (C24)	14.501	326912	2.022 ug/ml
15) T n-Hexacosane (C26)	15.516	518838	3.212 ug/ml
16) T n-Octacosane (C28)	16.461	377670	2.346 ug/ml
17) T n-Tricontane (C30)	17.347	378196	2.400 ug/ml
18) T n-Dotriacontane (C32)	18.174	236851	1.596 ug/ml
19) T n-Tetratriacontane (C34)	18.975	87076	0.650 ug/ml
20) T n-Hexatriacontane (C36)	19.704	27633	0.231 ug/ml
21) T n-Octatriacontane (C38)	20.401	242477	2.191 ug/ml

(f)=RT Delta > 1/2 Window

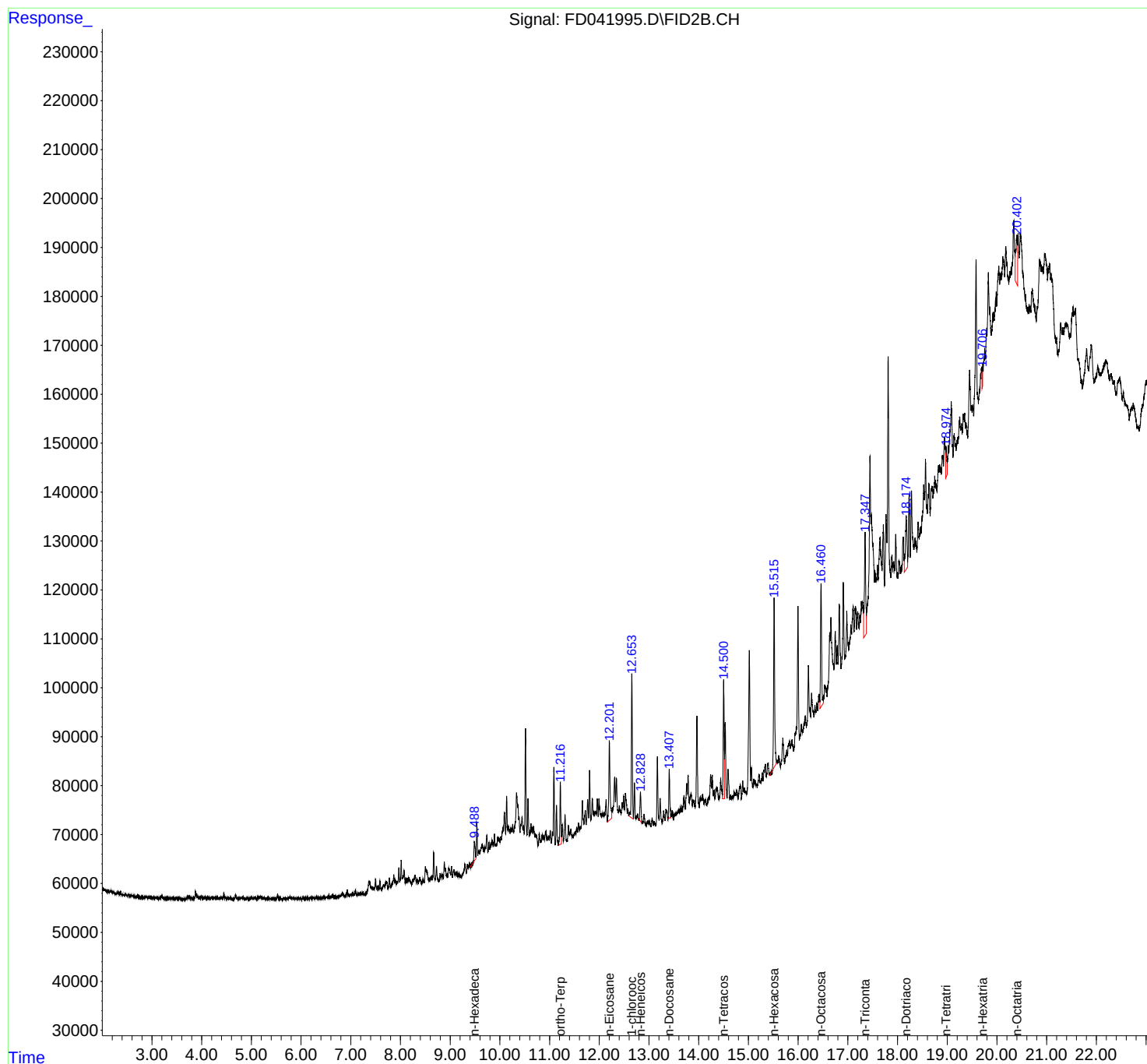
(m)=manual int.

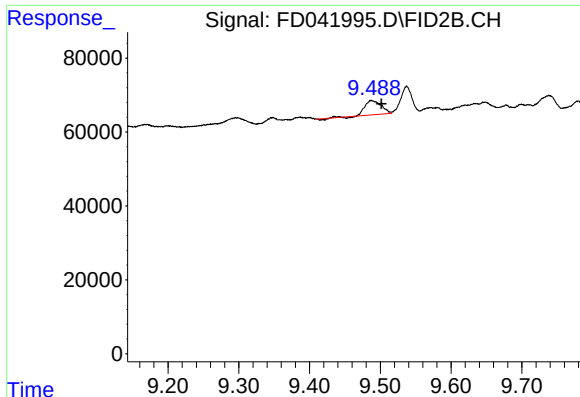
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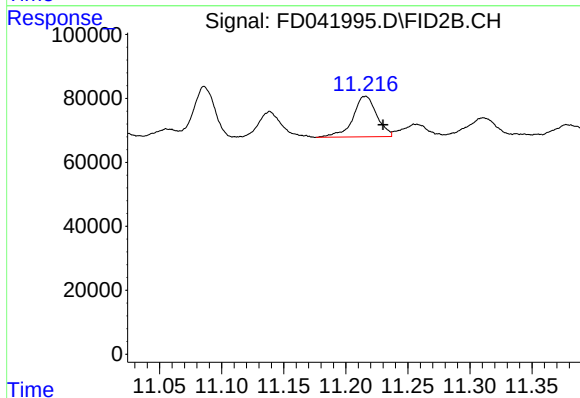




#7 n-Hexadecane (C16)

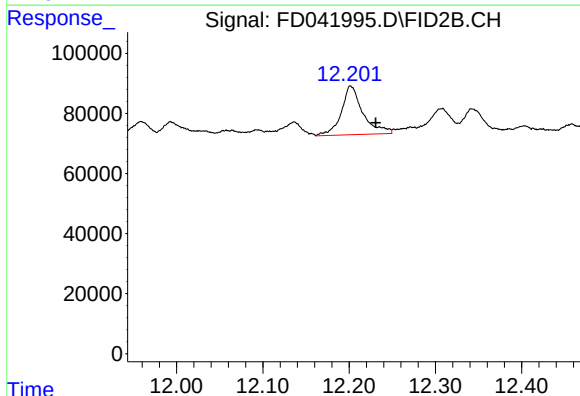
R.T.: 9.488 min
Delta R.T.: -0.014 min
Response: 59925
Conc: 0.39 ug/ml

Instrument :
FID_D
ClientSampleId :



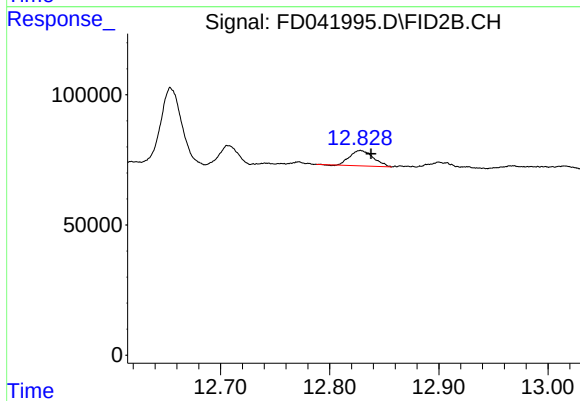
#9 ortho-Terphenyl (SURR)

R.T.: 11.216 min
Delta R.T.: -0.014 min
Response: 169908
Conc: 0.96 ug/ml



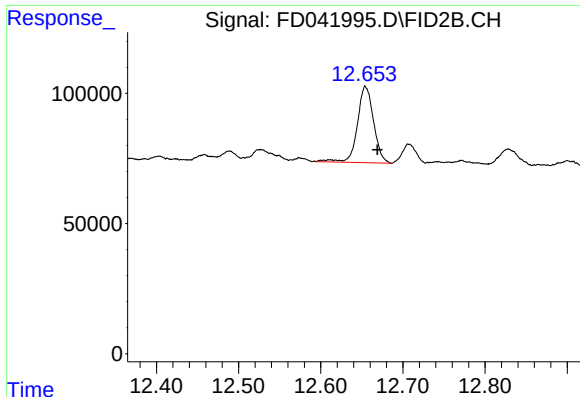
#10 n-Eicosane (C20)

R.T.: 12.202 min
Delta R.T.: -0.029 min
Response: 281454
Conc: 1.78 ug/ml



#11 n-Heneicosane (C21)

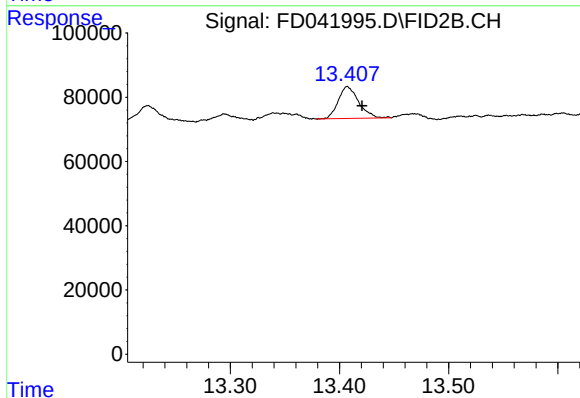
R.T.: 12.828 min
Delta R.T.: -0.010 min
Response: 88410
Conc: 0.55 ug/ml



#12 1-chlorooctadecane (SURR)

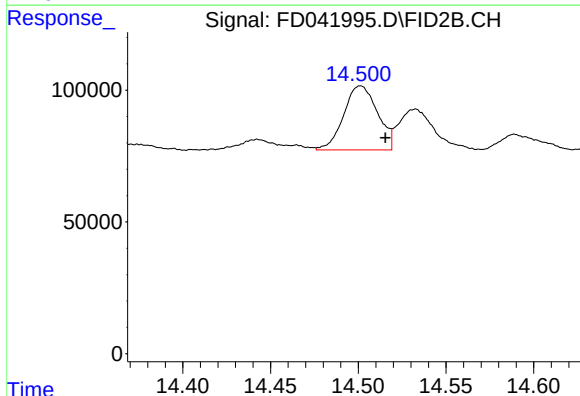
R.T.: 12.654 min
Delta R.T.: -0.015 min
Response: 401594
Conc: 2.90 ug/ml

Instrument :
FID_D
ClientSampleId :



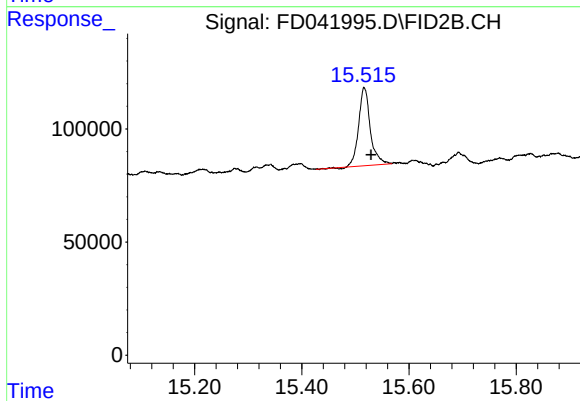
#13 n-Docosane (C22)

R.T.: 13.407 min
Delta R.T.: -0.014 min
Response: 129874
Conc: 0.81 ug/ml



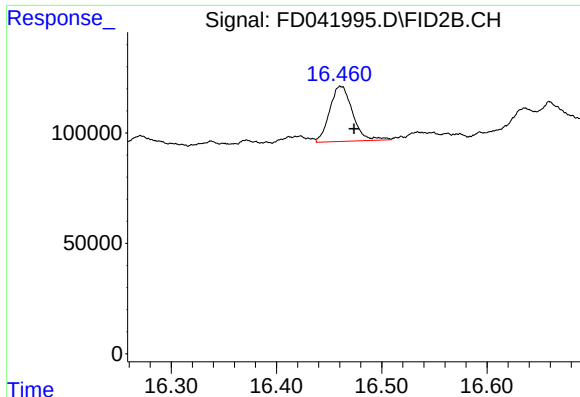
#14 n-Tetracosane (C24)

R.T.: 14.501 min
Delta R.T.: -0.014 min
Response: 326912
Conc: 2.02 ug/ml



#15 n-Hexacosane (C26)

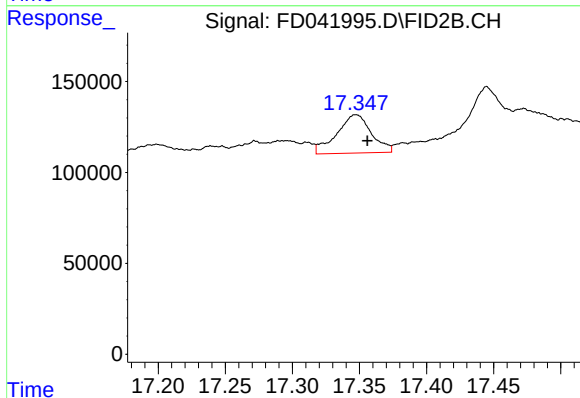
R.T.: 15.516 min
Delta R.T.: -0.013 min
Response: 518838
Conc: 3.21 ug/ml



#16 n-Octacosane (C28)

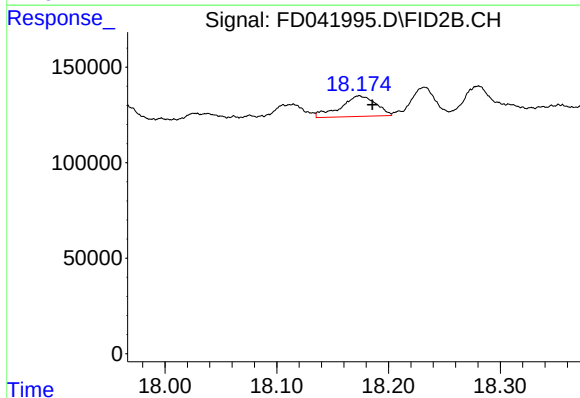
R.T.: 16.461 min
Delta R.T.: -0.012 min
Response: 377670
Conc: 2.35 ug/ml

Instrument :
FID_D
ClientSampleId :



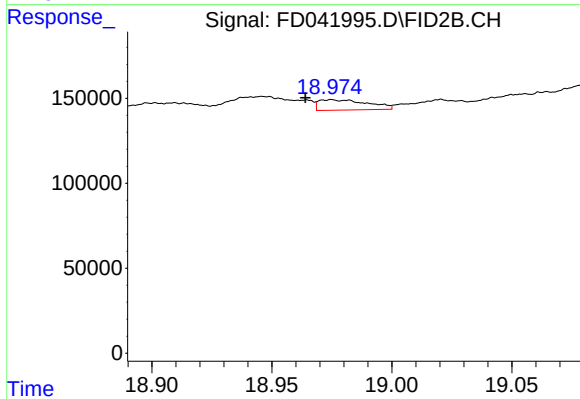
#17 n-Tricontane (C30)

R.T.: 17.347 min
Delta R.T.: -0.008 min
Response: 378196
Conc: 2.40 ug/ml



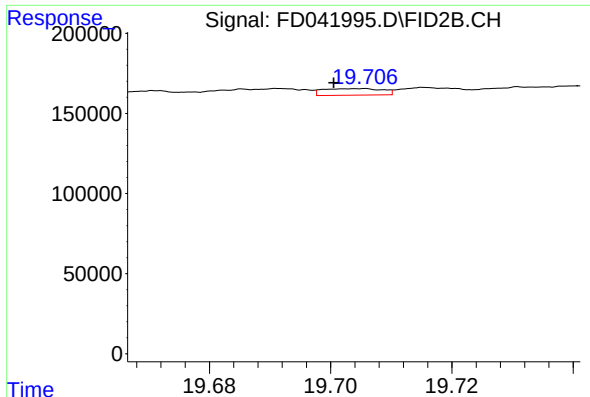
#18 n-Dotriacontane (C32)

R.T.: 18.174 min
Delta R.T.: -0.012 min
Response: 236851
Conc: 1.60 ug/ml



#19 n-Tetratriacontane (C34)

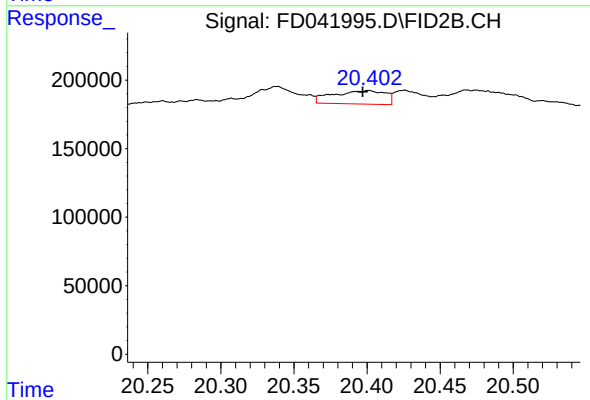
R.T.: 18.975 min
Delta R.T.: 0.011 min
Response: 87076
Conc: 0.65 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.704 min
Delta R.T.: 0.004 min
Response: 27633
Conc: 0.23 ug/ml

Instrument :
FID_D
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 20.401 min
Delta R.T.: 0.004 min
Response: 242477
Conc: 2.19 ug/ml