

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051322AL\
 Data File : FD042456.D
 Signal(s) : FID2B.CH
 Acq On : 13 May 2022 21:26
 Operator : UA/NP
 Sample : N2823-06
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 14 00:21:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 22 01:55:29 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)	11.207	6699557	39.948 ug/ml
Spiked Amount 50.000		Recovery =	79.90%
12) S 1-chlorooctadecane (S...	12.640	9469149	71.758 ug/ml
Spiked Amount 50.000		Recovery =	143.52%
Target Compounds			
7) T n-Hexadecane (C16)	9.480	304249	2.094 ug/ml
8) T n-Octadecane (C18)	10.904	274555	1.832 ug/ml
10) T n-Eicosane (C20)	12.210	1159618	7.576 ug/ml
11) T n-Heneicosane (C21)	12.811	2740369	17.775 ug/ml
13) T n-Docosane (C22)	13.394	2836108	18.399 ug/ml
14) T n-Tetracosane (C24)	14.487	683906	4.422 ug/ml
15) T n-Hexacosane (C26)	15.500	1047690	6.811 ug/ml
16) T n-Octacosane (C28)	16.433	1964286	12.848 ug/ml
17) T n-Tricontane (C30)	17.327	608419	4.056 ug/ml
18) T n-Dotriacontane (C32)	18.152	292473	2.068 ug/ml
19) T n-Tetratriacontane (C34)	18.930	205887	1.600 ug/ml
20) T n-Hexatriacontane (C36)	19.669	163252	1.443 ug/ml
21) T n-Octatriacontane (C38)	20.364	87338	0.875 ug/ml
22) T n-Tetracontane (C40)	21.133	69941	0.775 ug/ml

(f)=RT Delta > 1/2 Window

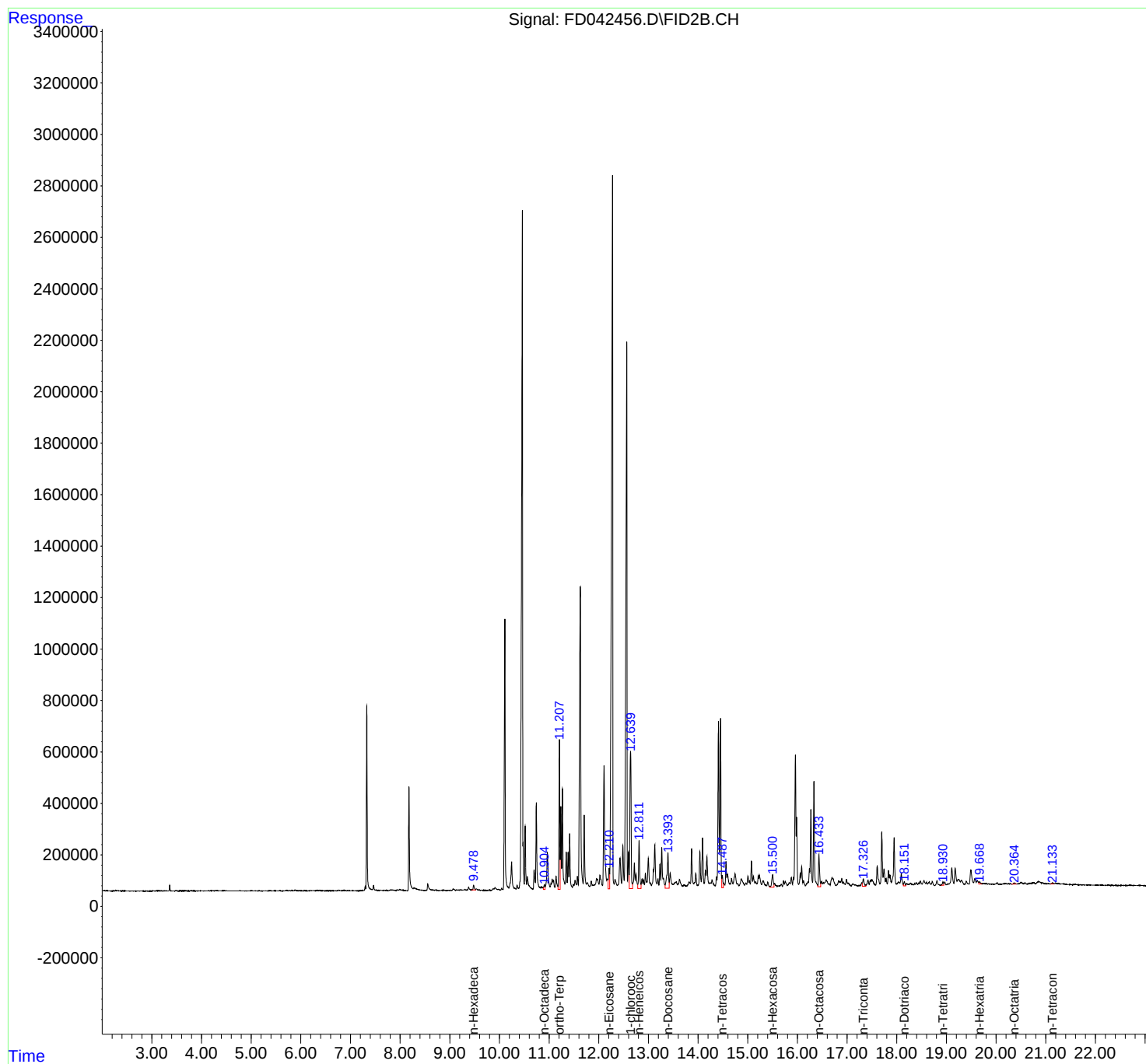
(m)=manual int.

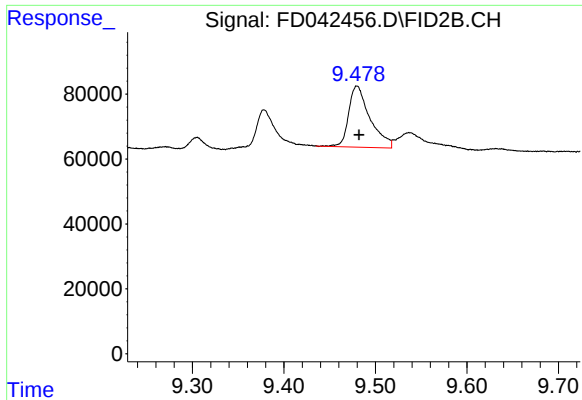
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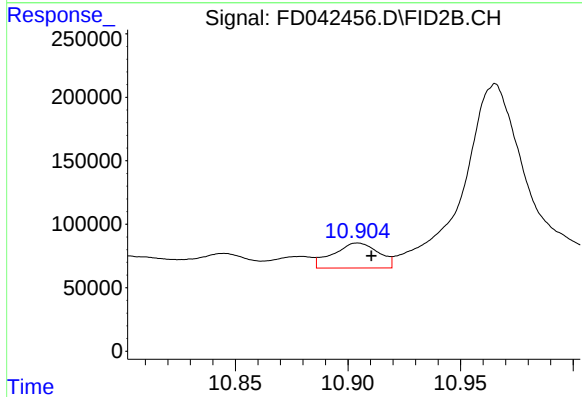




#7 n-Hexadecane (C16)

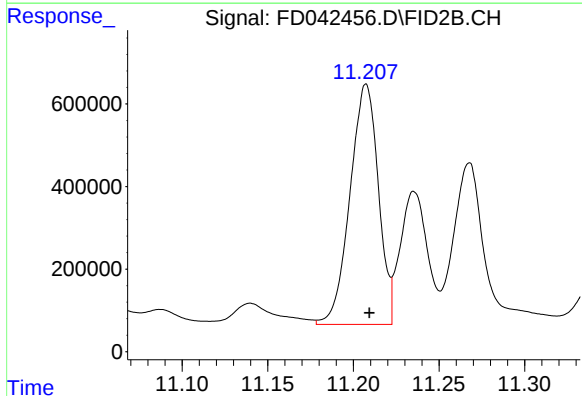
R.T.: 9.480 min
Delta R.T.: -0.002 min
Response: 304249
Conc: 2.09 ug/ml

Instrument :
FID_D
ClientSampleId :



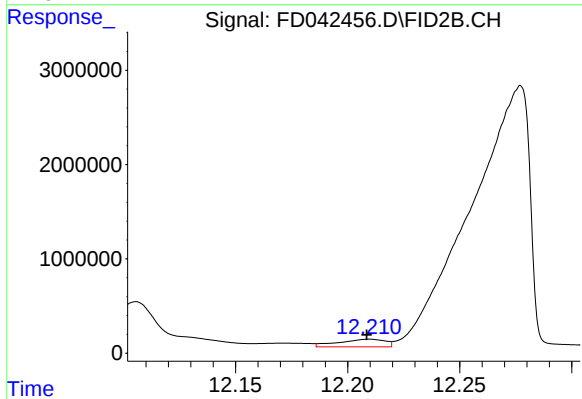
#8 n-Octadecane (C18)

R.T.: 10.904 min
Delta R.T.: -0.006 min
Response: 274555
Conc: 1.83 ug/ml



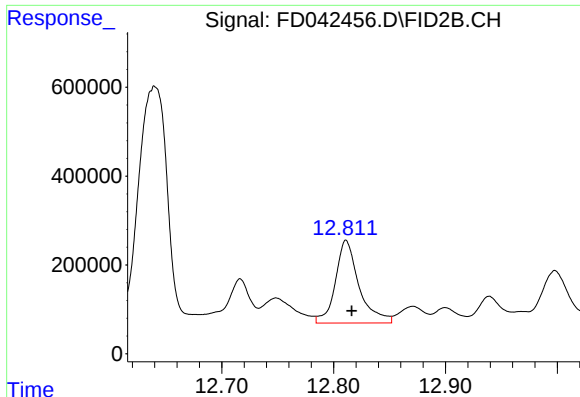
#9 ortho-Terphenyl (SURR)

R.T.: 11.207 min
Delta R.T.: -0.002 min
Response: 6699557
Conc: 39.95 ug/ml



#10 n-Eicosane (C20)

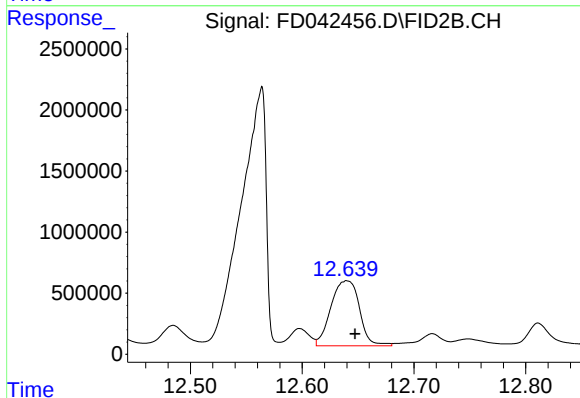
R.T.: 12.210 min
Delta R.T.: 0.001 min
Response: 1159618
Conc: 7.58 ug/ml



#11 n-Heneicosane (C21)

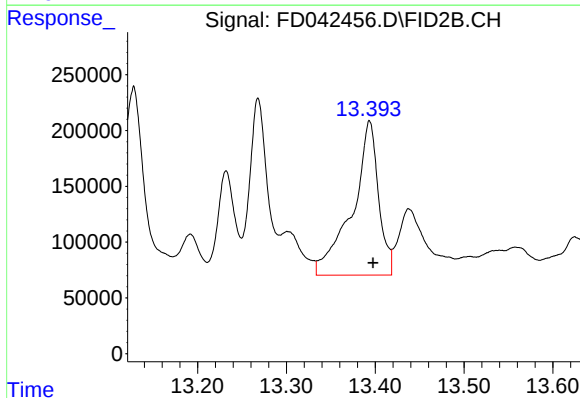
R.T.: 12.811 min
Delta R.T.: -0.005 min
Response: 2740369
Conc: 17.78 ug/ml

Instrument :
FID_D
ClientSampleId :



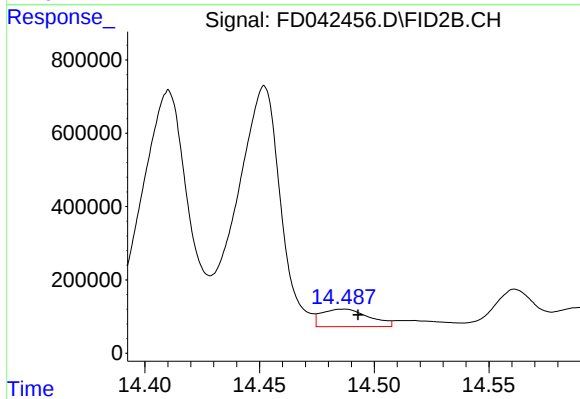
#12 1-chlorooctadecane (SURR)

R.T.: 12.640 min
Delta R.T.: -0.007 min
Response: 9469149
Conc: 71.76 ug/ml



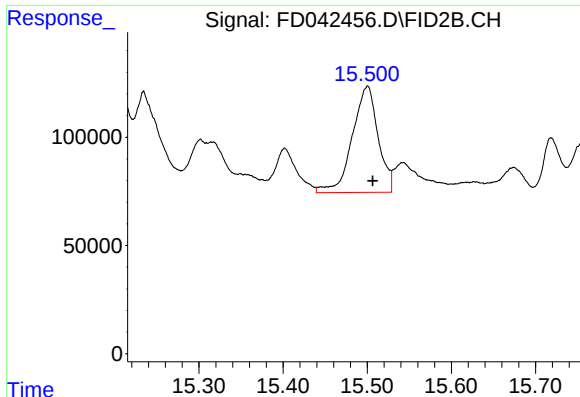
#13 n-Docosane (C22)

R.T.: 13.394 min
Delta R.T.: -0.004 min
Response: 2836108
Conc: 18.40 ug/ml



#14 n-Tetracosane (C24)

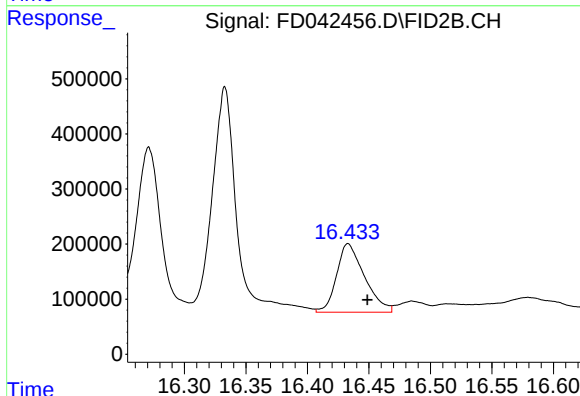
R.T.: 14.487 min
Delta R.T.: -0.006 min
Response: 683906
Conc: 4.42 ug/ml



#15 n-Hexacosane (C26)

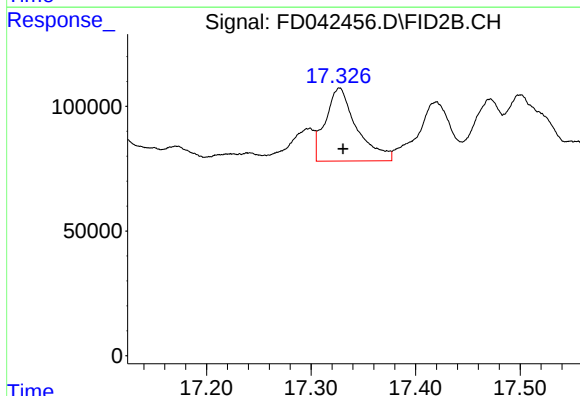
R.T.: 15.500 min
Delta R.T.: -0.006 min
Response: 1047690
Conc: 6.81 ug/ml

Instrument :
FID_D
ClientSampleId :



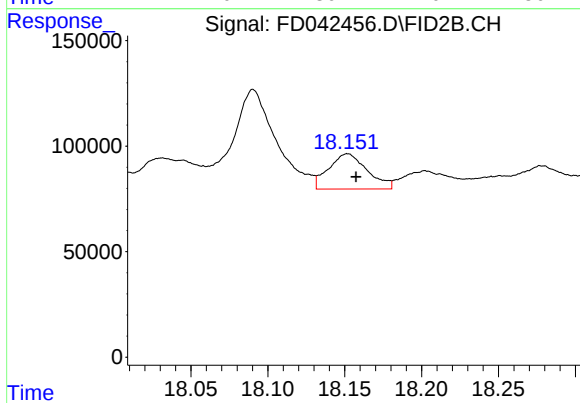
#16 n-Octacosane (C28)

R.T.: 16.433 min
Delta R.T.: -0.016 min
Response: 1964286
Conc: 12.85 ug/ml



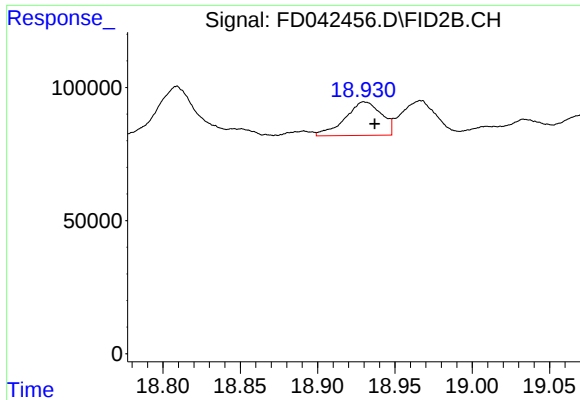
#17 n-Tricontane (C30)

R.T.: 17.327 min
Delta R.T.: -0.003 min
Response: 608419
Conc: 4.06 ug/ml



#18 n-Dotriacontane (C32)

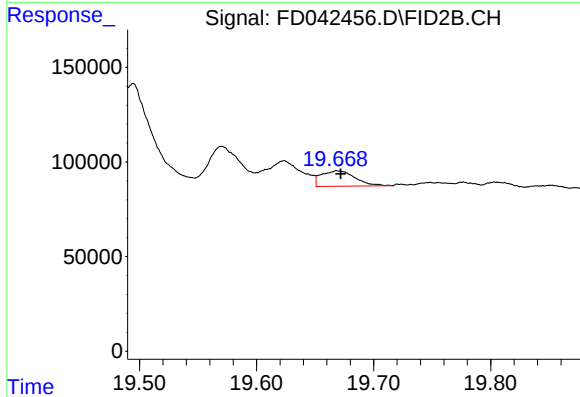
R.T.: 18.152 min
Delta R.T.: -0.005 min
Response: 292473
Conc: 2.07 ug/ml



#19 n-Tetratriacontane (C34)

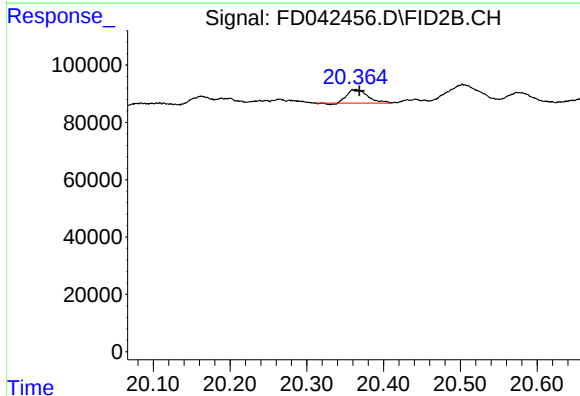
R.T.: 18.930 min
Delta R.T.: -0.007 min
Response: 205887
Conc: 1.60 ug/ml

Instrument :
FID_D
ClientSampleId :



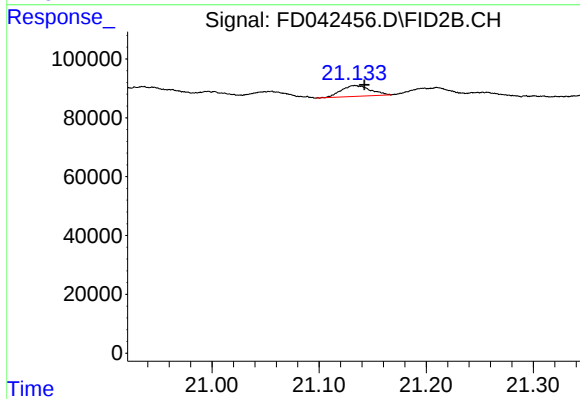
#20 n-Hexatriacontane (C36)

R.T.: 19.669 min
Delta R.T.: -0.003 min
Response: 163252
Conc: 1.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.364 min
Delta R.T.: -0.004 min
Response: 87338
Conc: 0.88 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.133 min
Delta R.T.: -0.009 min
Response: 69941
Conc: 0.78 ug/ml