

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051322AL\
 Data File : FD042453.D
 Signal(s) : FID2B.CH
 Acq On : 13 May 2022 19:28
 Operator : UA/NP
 Sample : N2823-03
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 14 00:21:09 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)	11.203	5819507	34.700 ug/ml
Spiked Amount 50.000		Recovery =	69.40%
12) S 1-chlorooctadecane (S...	12.641	4994358	37.848 ug/ml
Spiked Amount 50.000		Recovery =	75.70%
Target Compounds			
7) T n-Hexadecane (C16)	9.476	70915	0.488 ug/ml
8) T n-Octadecane (C18)	10.903	128279	0.856 ug/ml
10) T n-Eicosane (C20)	12.201	734475	4.799 ug/ml
11) T n-Heneicosane (C21)	12.809	1476396	9.577 ug/ml
13) T n-Docosane (C22)	13.392	2606629	16.910 ug/ml
14) T n-Tetracosane (C24)	14.487	2683922	17.354 ug/ml
15) T n-Hexacosane (C26)	15.501	1743789	11.337 ug/ml
16) T n-Octacosane (C28)	16.444	1016630	6.649 ug/ml
17) T n-Tricontane (C30)	17.325	599848	3.999 ug/ml
18) T n-Dotriacontane (C32)	18.152	389374	2.754 ug/ml
19) T n-Tetratriacontane (C34)	18.931	264385	2.054 ug/ml
20) T n-Hexatriacontane (C36)	19.667	77310	0.683 ug/ml
21) T n-Octatriacontane (C38)	20.364	64436	0.646 ug/ml

(f)=RT Delta > 1/2 Window

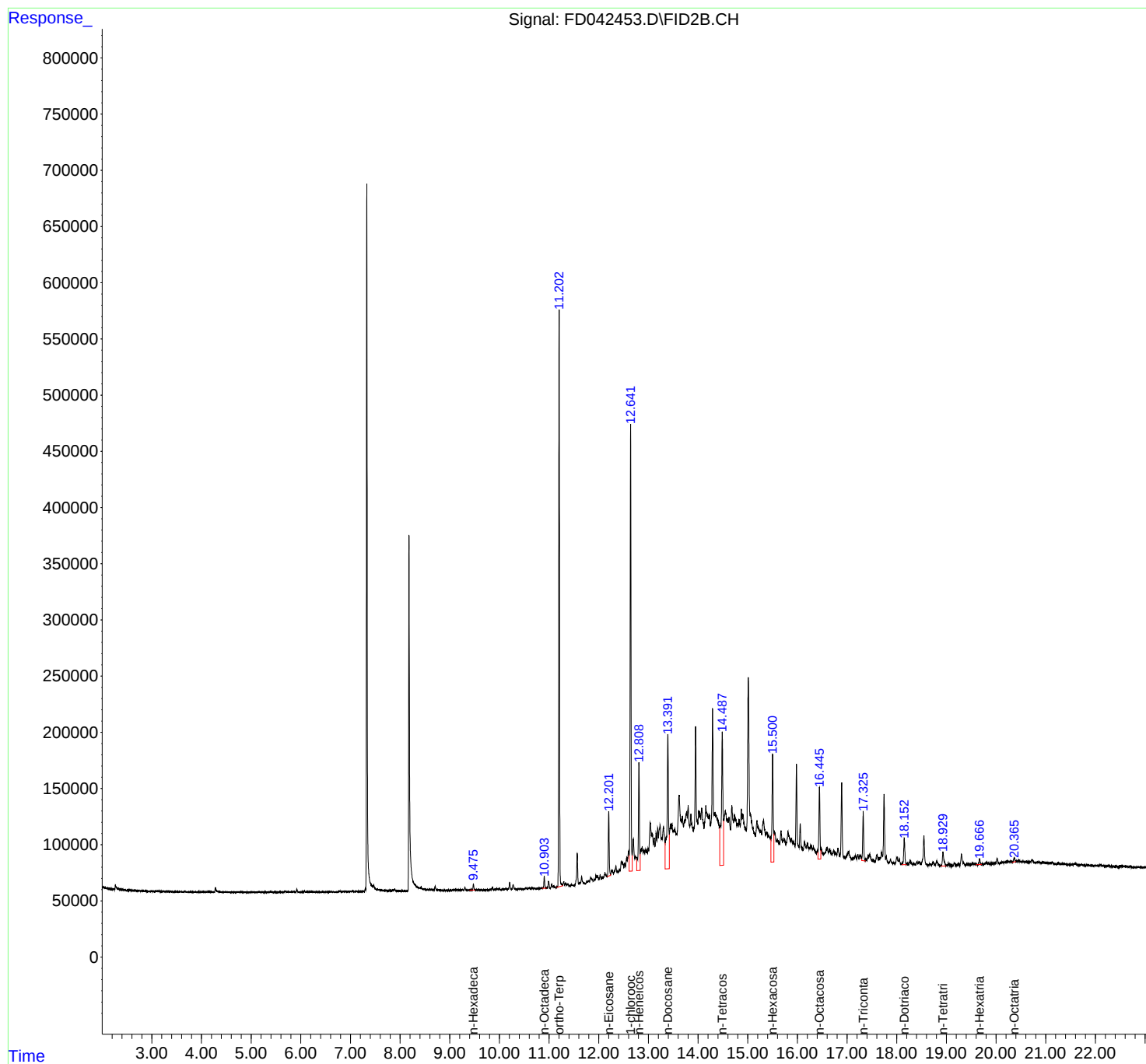
(m)=manual int.

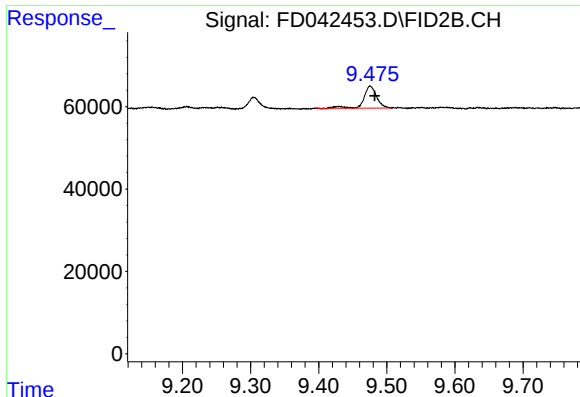
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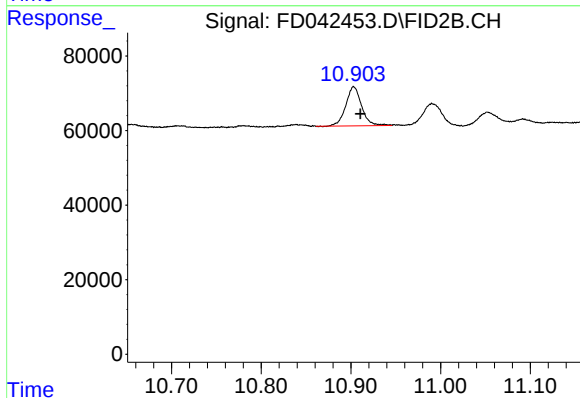




#7 n-Hexadecane (C16)

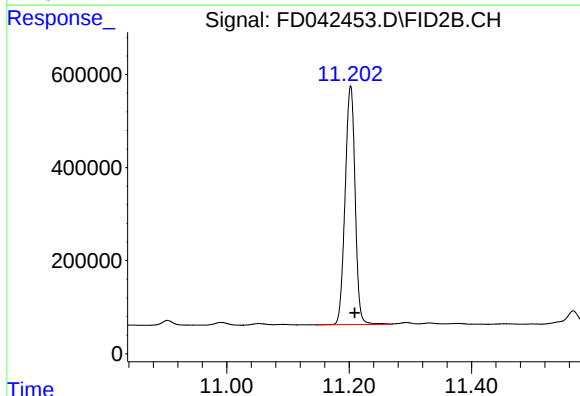
R.T.: 9.476 min
Delta R.T.: -0.006 min
Response: 70915
Conc: 0.49 ug/ml

Instrument :
FID_D
ClientSampleId :



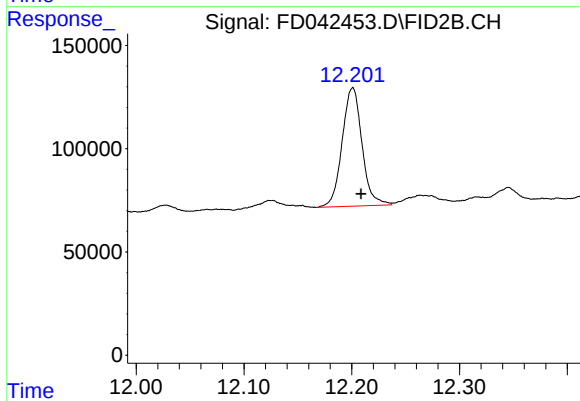
#8 n-Octadecane (C18)

R.T.: 10.903 min
Delta R.T.: -0.007 min
Response: 128279
Conc: 0.86 ug/ml



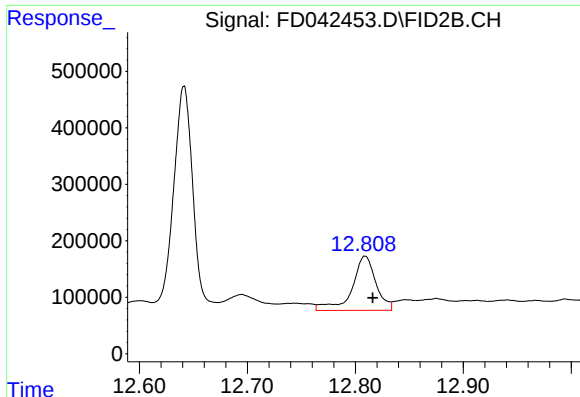
#9 ortho-Terphenyl (SURR)

R.T.: 11.203 min
Delta R.T.: -0.007 min
Response: 5819507
Conc: 34.70 ug/ml



#10 n-Eicosane (C20)

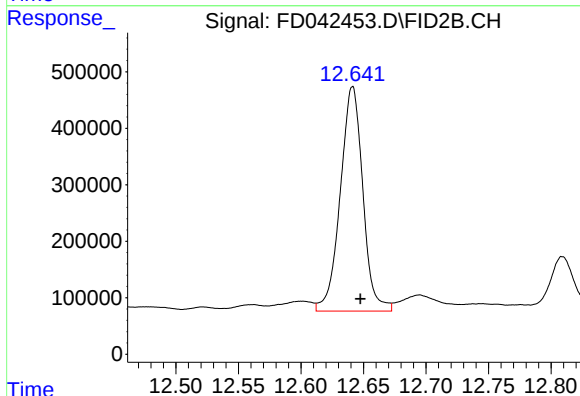
R.T.: 12.201 min
Delta R.T.: -0.008 min
Response: 734475
Conc: 4.80 ug/ml



#11 n-Heneicosane (C21)

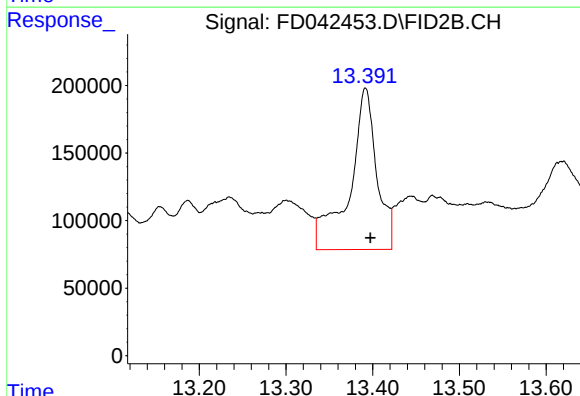
R.T.: 12.809 min
Delta R.T.: -0.007 min
Response: 1476396
Conc: 9.58 ug/ml

Instrument :
FID_D
ClientSampleId :



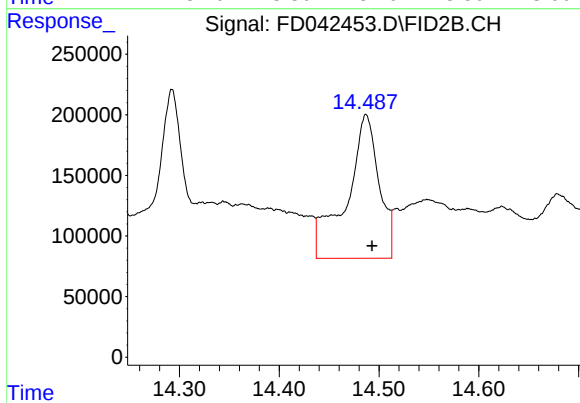
#12 1-chlorooctadecane (SURR)

R.T.: 12.641 min
Delta R.T.: -0.006 min
Response: 4994358
Conc: 37.85 ug/ml



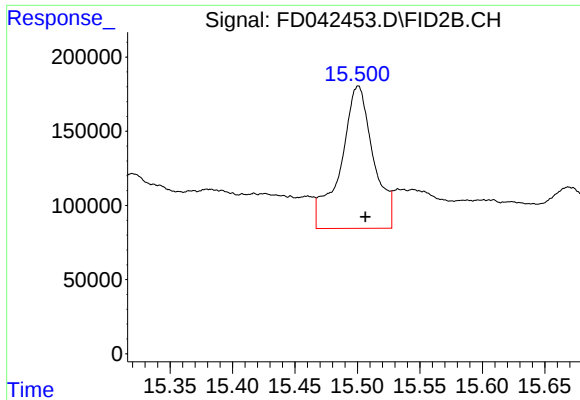
#13 n-Docosane (C22)

R.T.: 13.392 min
Delta R.T.: -0.006 min
Response: 2606629
Conc: 16.91 ug/ml



#14 n-Tetracosane (C24)

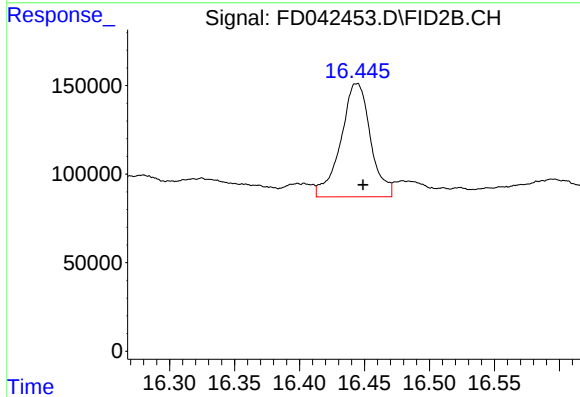
R.T.: 14.487 min
Delta R.T.: -0.006 min
Response: 2683922
Conc: 17.35 ug/ml



#15 n-Hexacosane (C26)

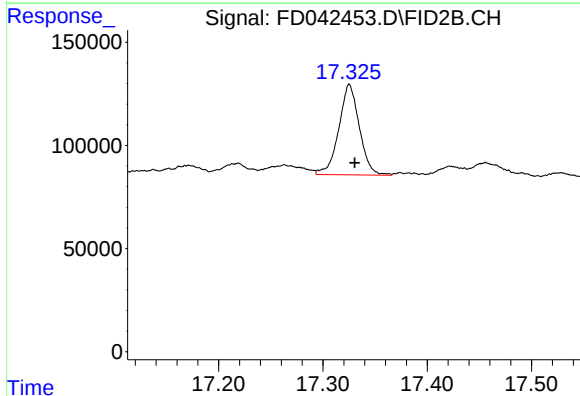
R.T.: 15.501 min
Delta R.T.: -0.006 min
Response: 1743789
Conc: 11.34 ug/ml

Instrument :
FID_D
ClientSampleId :



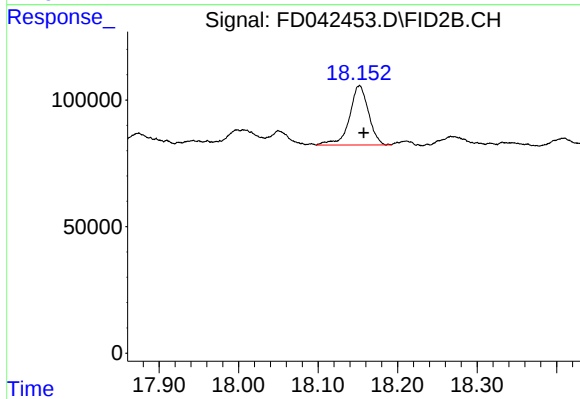
#16 n-Octacosane (C28)

R.T.: 16.444 min
Delta R.T.: -0.005 min
Response: 1016630
Conc: 6.65 ug/ml



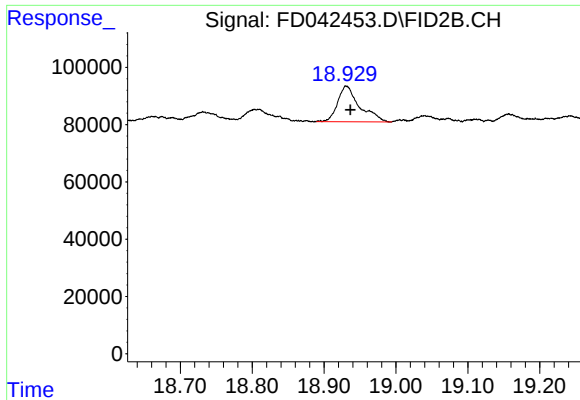
#17 n-Tricontane (C30)

R.T.: 17.325 min
Delta R.T.: -0.005 min
Response: 599848
Conc: 4.00 ug/ml



#18 n-Dotriacontane (C32)

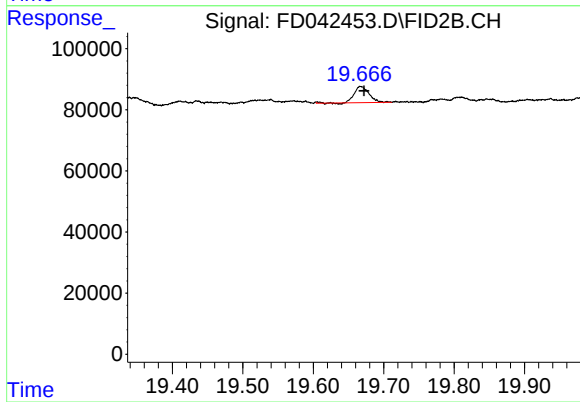
R.T.: 18.152 min
Delta R.T.: -0.005 min
Response: 389374
Conc: 2.75 ug/ml



#19 n-Tetratriacontane (C34)

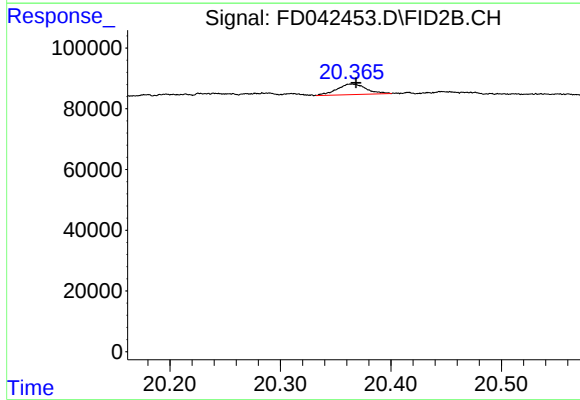
R.T.: 18.931 min
Delta R.T.: -0.006 min
Response: 264385
Conc: 2.05 ug/ml

Instrument :
FID_D
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 19.667 min
Delta R.T.: -0.005 min
Response: 77310
Conc: 0.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.364 min
Delta R.T.: -0.004 min
Response: 64436
Conc: 0.65 ug/ml