

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051322AL\
 Data File : FD042459.D
 Signal(s) : FID2B.CH
 Acq On : 13 May 2022 23:22
 Operator : UA/NP
 Sample : N2823-09
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 14 00:22:13 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)	11.205	6124138	36.517 ug/ml
Spiked Amount 50.000		Recovery =	73.03%
12) S 1-chlorooctadecane (S...	12.643	4955795	37.556 ug/ml
Spiked Amount 50.000		Recovery =	75.11%
Target Compounds			
4) T n-Dodecane (C12)	6.118	56730	0.398 ug/ml
6) T n-Tetradecane (C14)	7.889	70950	0.498 ug/ml
8) T n-Octadecane (C18)	10.905	62180	0.415 ug/ml
10) T n-Eicosane (C20)	12.203	380661	2.487 ug/ml
11) T n-Heneicosane (C21)	12.811	454667	2.949 ug/ml
13) T n-Docosane (C22)	13.392	463642	3.008 ug/ml
14) T n-Tetracosane (C24)	14.486	433054	2.800 ug/ml
15) T n-Hexacosane (C26)	15.501	365312	2.375 ug/ml
16) T n-Octacosane (C28)	16.443	233797	1.529 ug/ml
17) T n-Tricontane (C30)	17.327	227408	1.516 ug/ml
18) T n-Dotriacontane (C32)	18.150	127742	0.903 ug/ml
19) T n-Tetratriacontane (C34)	18.931	8504	0.066 ug/ml
21) T n-Octatriacontane (C38)	20.364	111908	1.122 ug/ml

(f)=RT Delta > 1/2 Window

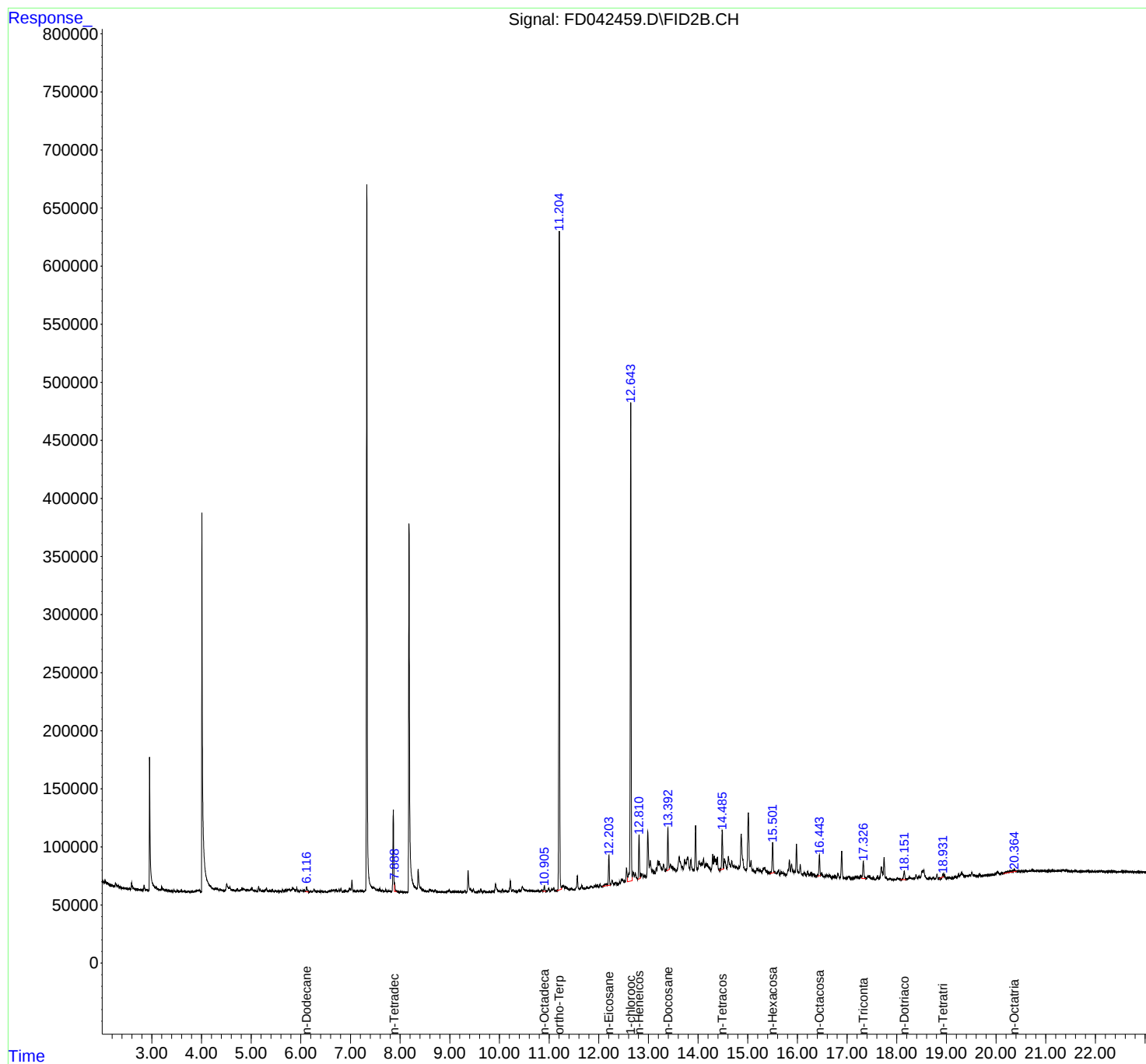
(m)=manual int.

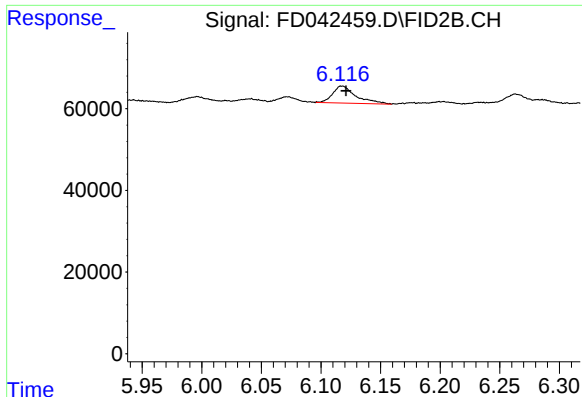
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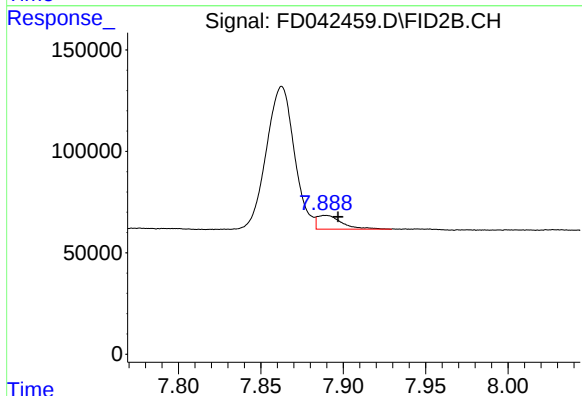




#4 n-Dodecane (C12)

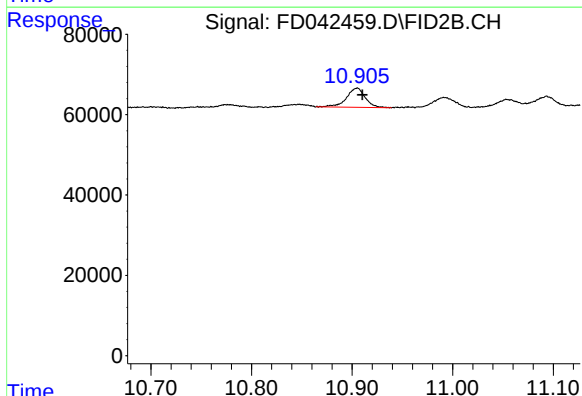
R.T.: 6.118 min
Delta R.T.: -0.003 min
Response: 56730
Conc: 0.40 ug/ml

Instrument :
FID_D
ClientSampleId :



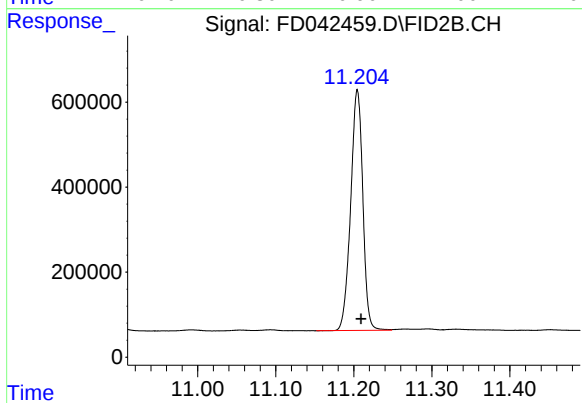
#6 n-Tetradecane (C14)

R.T.: 7.889 min
Delta R.T.: -0.007 min
Response: 70950
Conc: 0.50 ug/ml



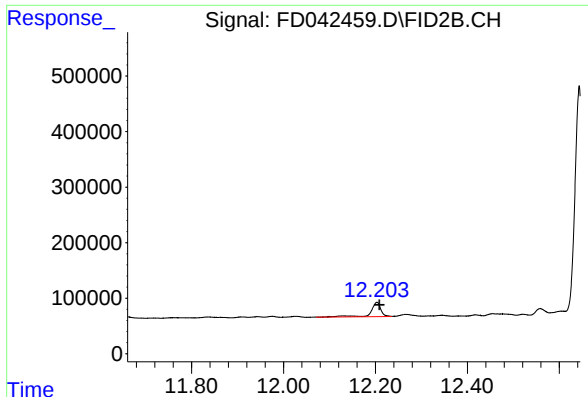
#8 n-Octadecane (C18)

R.T.: 10.905 min
Delta R.T.: -0.005 min
Response: 62180
Conc: 0.41 ug/ml



#9 ortho-Terphenyl (SURR)

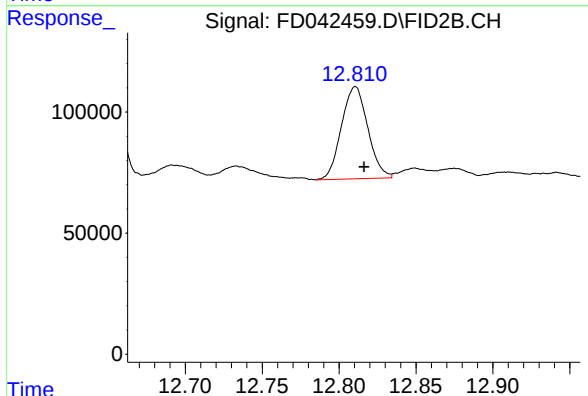
R.T.: 11.205 min
Delta R.T.: -0.005 min
Response: 6124138
Conc: 36.52 ug/ml



#10 n-Eicosane (C20)

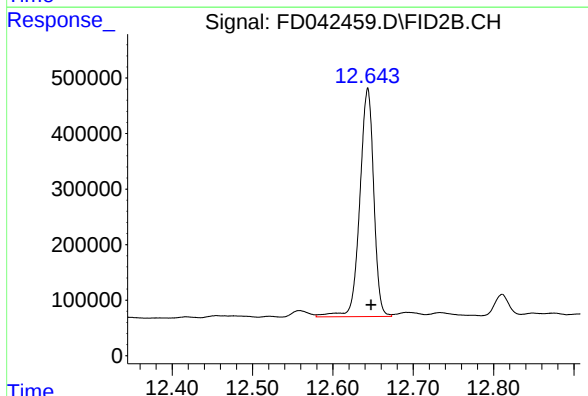
R.T.: 12.203 min
Delta R.T.: -0.005 min
Response: 380661
Conc: 2.49 ug/ml

Instrument :
FID_D
ClientSampleId :



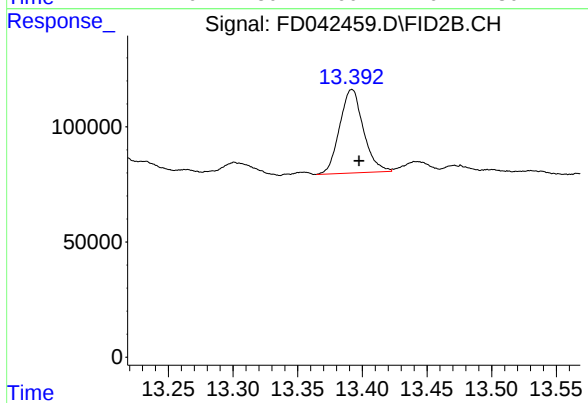
#11 n-Heneicosane (C21)

R.T.: 12.811 min
Delta R.T.: -0.006 min
Response: 454667
Conc: 2.95 ug/ml



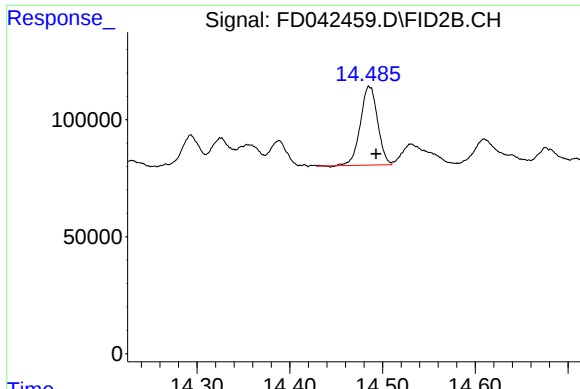
#12 1-chlorooctadecane (SURR)

R.T.: 12.643 min
Delta R.T.: -0.004 min
Response: 4955795
Conc: 37.56 ug/ml



#13 n-Docosane (C22)

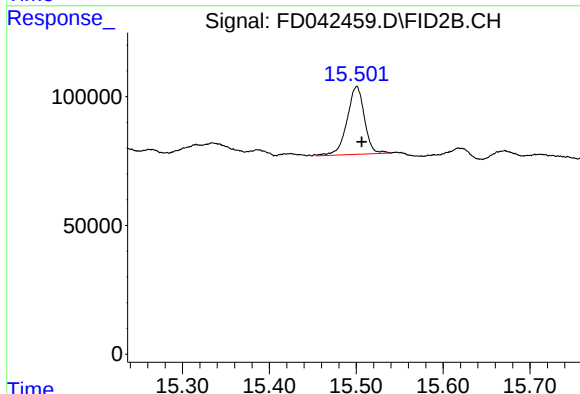
R.T.: 13.392 min
Delta R.T.: -0.005 min
Response: 463642
Conc: 3.01 ug/ml



#14 n-Tetracosane (C24)

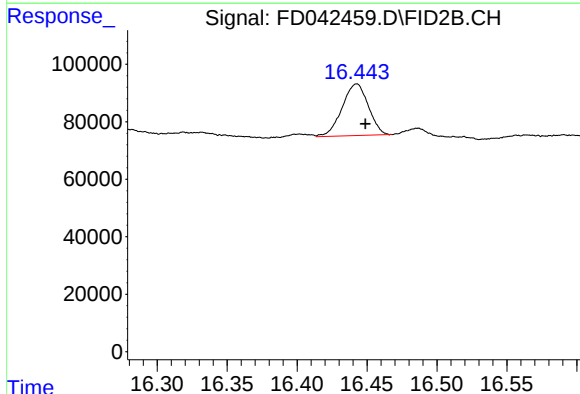
R.T.: 14.486 min
Delta R.T.: -0.007 min
Response: 433054
Conc: 2.80 ug/ml

Instrument :
FID_D
ClientSampleId :



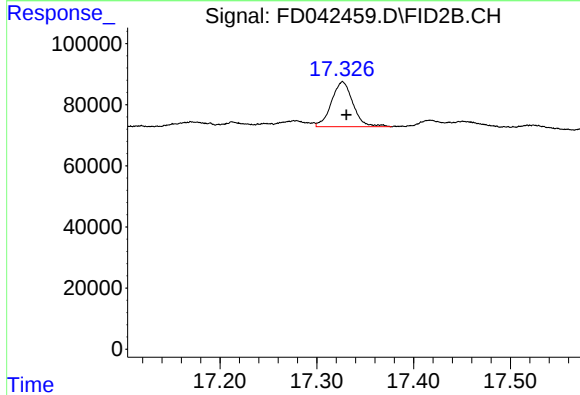
#15 n-Hexacosane (C26)

R.T.: 15.501 min
Delta R.T.: -0.006 min
Response: 365312
Conc: 2.37 ug/ml



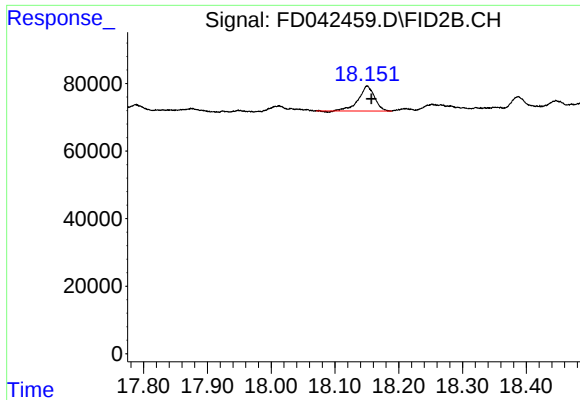
#16 n-Octacosane (C28)

R.T.: 16.443 min
Delta R.T.: -0.006 min
Response: 233797
Conc: 1.53 ug/ml



#17 n-Tricontane (C30)

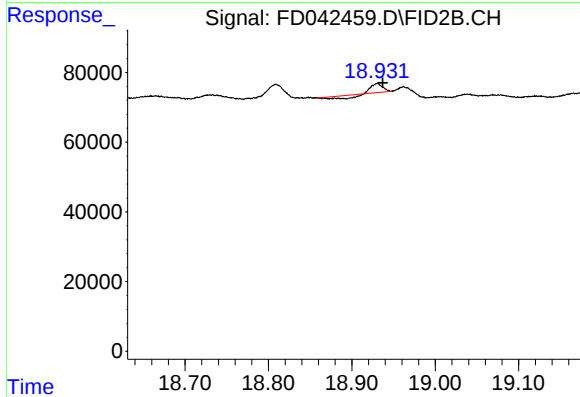
R.T.: 17.327 min
Delta R.T.: -0.004 min
Response: 227408
Conc: 1.52 ug/ml



#18 n-Dotriacontane (C32)

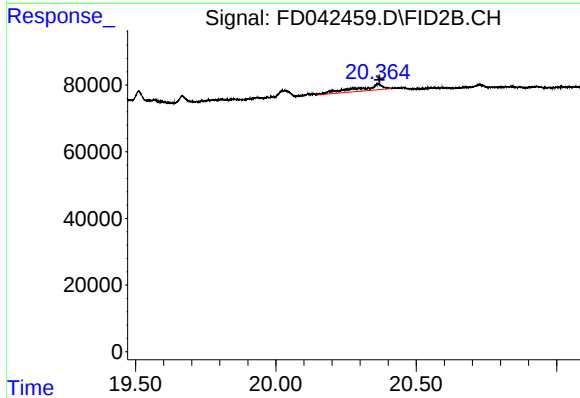
R.T.: 18.150 min
Delta R.T.: -0.007 min
Response: 127742
Conc: 0.90 ug/ml

Instrument :
FID_D
ClientSampleId :



#19 n-Tetratriacontane (C34)

R.T.: 18.931 min
Delta R.T.: -0.006 min
Response: 8504
Conc: 0.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.364 min
Delta R.T.: -0.004 min
Response: 111908
Conc: 1.12 ug/ml