

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051622AL\
 Data File : FD042467.D
 Signal(s) : FID2B.CH
 Acq On : 16 May 2022 9:33
 Operator : UA/NP
 Sample : MECL2
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 16 20:47:45 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)	11.193	537116	3.203 ug/ml
Spiked Amount 50.000		Recovery =	6.41%
12) S 1-chlorooctadecane (S...	12.609	242094	1.835 ug/ml
Spiked Amount 50.000		Recovery =	3.67%
Target Compounds			
8) T n-Octadecane (C18)	10.861	94596	0.631 ug/ml
10) T n-Eicosane (C20)	12.183	234046	1.529 ug/ml
11) T n-Heneicosane (C21)	12.795	510453	3.311 ug/ml
13) T n-Docosane (C22)	13.385	525658	3.410 ug/ml
14) T n-Tetracosane (C24)	14.486	359407	2.324 ug/ml
15) T n-Hexacosane (C26)	15.527	1083779	7.046 ug/ml
16) T n-Octacosane (C28)	16.444	258620	1.692 ug/ml
17) T n-Tricontane (C30)	17.328	197512	1.317 ug/ml
18) T n-Dotriacontane (C32)	18.154	350926	2.482 ug/ml
19) T n-Tetratriacontane (C34)	18.934	224974	1.748 ug/ml
20) T n-Hexatriacontane (C36)	19.662	186428	1.647 ug/ml
21) T n-Octatriacontane (C38)	20.370	373165	3.740 ug/ml

(f)=RT Delta > 1/2 Window

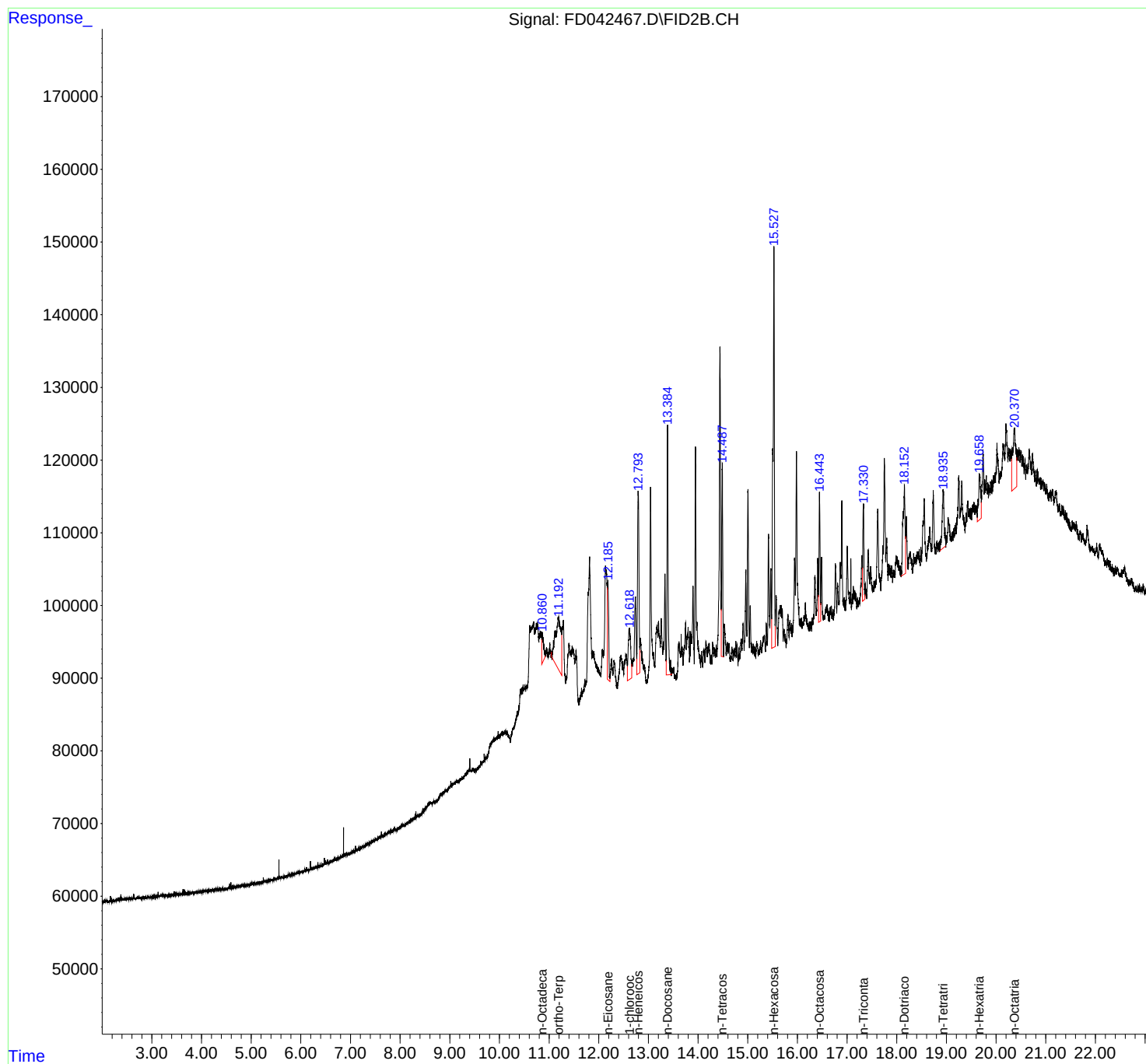
(m)=manual int.

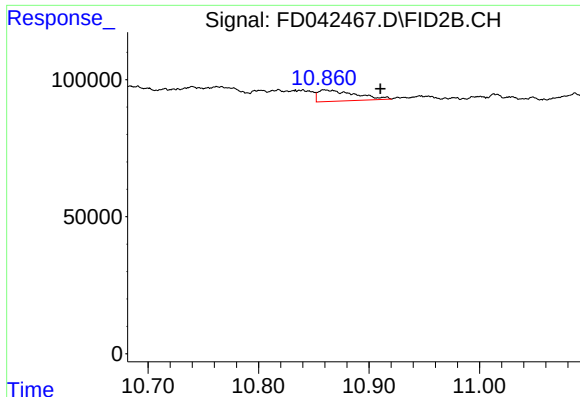
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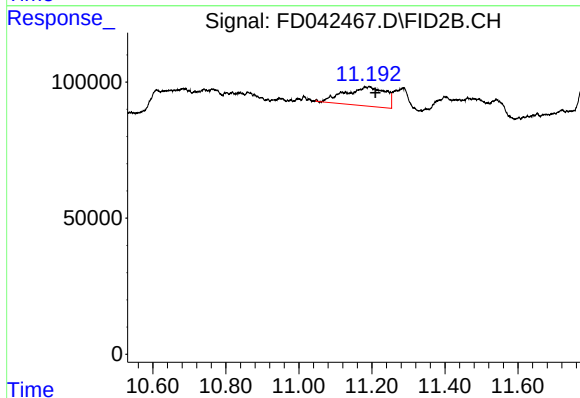




#8 n-Octadecane (C18)

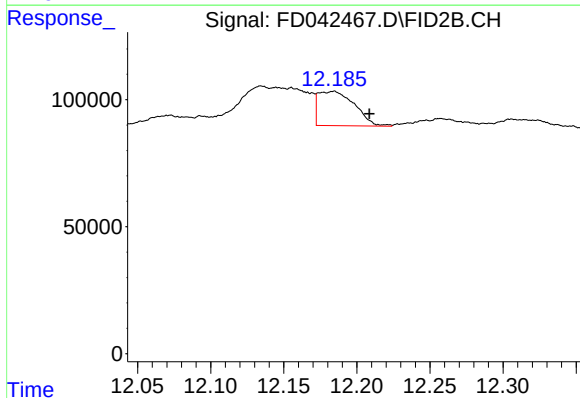
R.T.: 10.861 min
Delta R.T.: -0.050 min
Response: 94596
Conc: 0.63 ug/ml

Instrument :
FID_D
ClientSampleId :



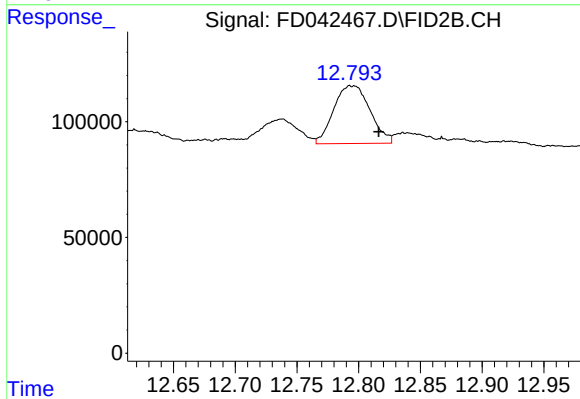
#9 ortho-Terphenyl (SURR)

R.T.: 11.193 min
Delta R.T.: -0.016 min
Response: 537116
Conc: 3.20 ug/ml



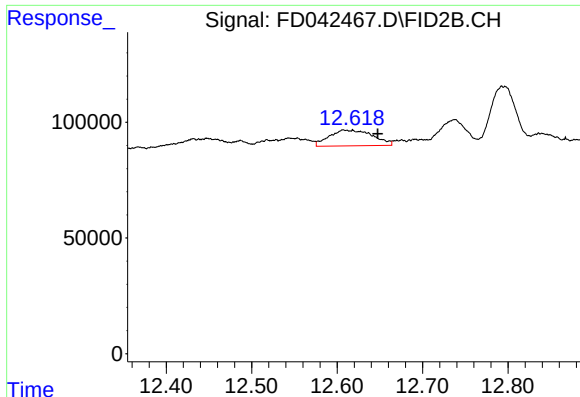
#10 n-Eicosane (C20)

R.T.: 12.183 min
Delta R.T.: -0.026 min
Response: 234046
Conc: 1.53 ug/ml



#11 n-Heneicosane (C21)

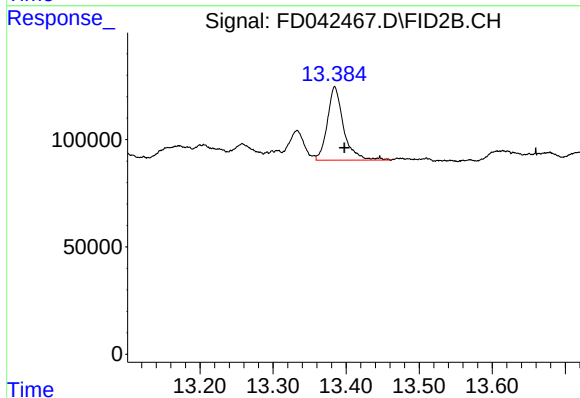
R.T.: 12.795 min
Delta R.T.: -0.021 min
Response: 510453
Conc: 3.31 ug/ml



#12 1-chlorooctadecane (SURR)

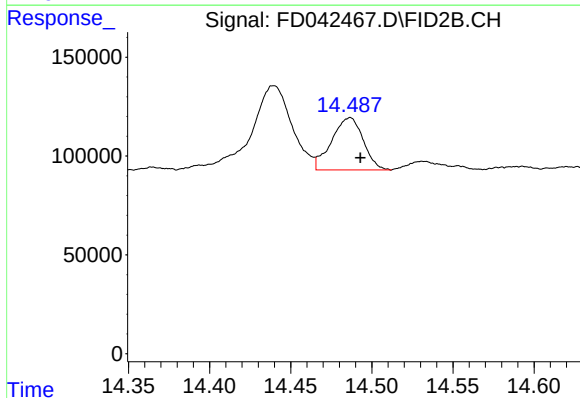
R.T.: 12.609 min
Delta R.T.: -0.039 min
Response: 242094
Conc: 1.83 ug/ml

Instrument :
FID_D
ClientSampleId :



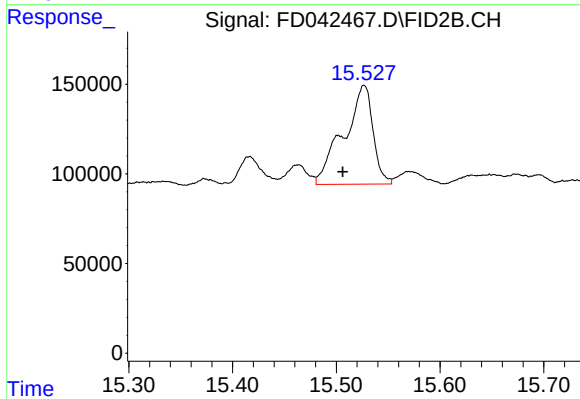
#13 n-Docosane (C22)

R.T.: 13.385 min
Delta R.T.: -0.013 min
Response: 525658
Conc: 3.41 ug/ml



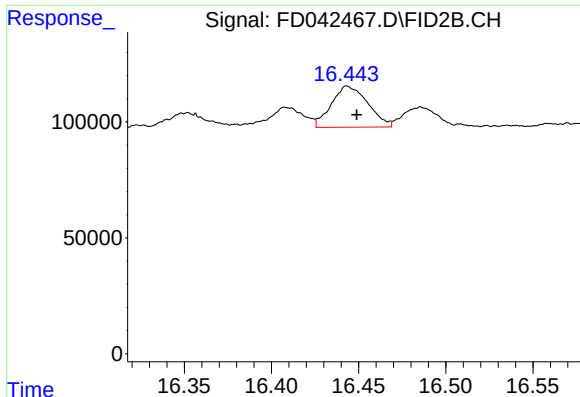
#14 n-Tetracosane (C24)

R.T.: 14.486 min
Delta R.T.: -0.007 min
Response: 359407
Conc: 2.32 ug/ml



#15 n-Hexacosane (C26)

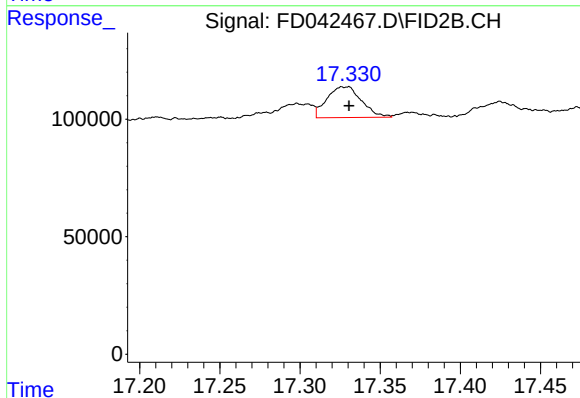
R.T.: 15.527 min
Delta R.T.: 0.020 min
Response: 1083779
Conc: 7.05 ug/ml



#16 n-Octacosane (C28)

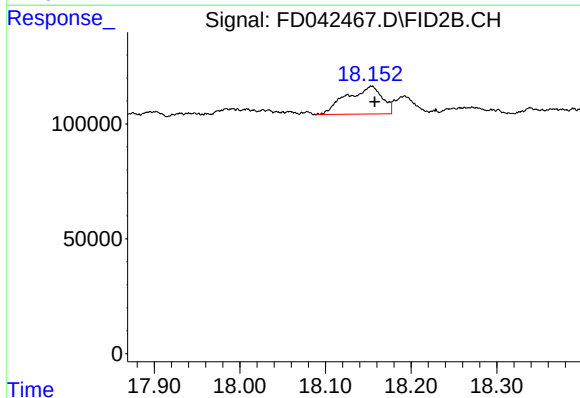
R.T.: 16.444 min
Delta R.T.: -0.005 min
Response: 258620
Conc: 1.69 ug/ml

Instrument :
FID_D
ClientSampleId :



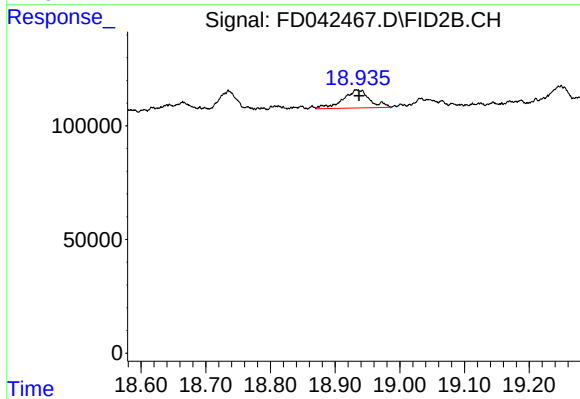
#17 n-Tricontane (C30)

R.T.: 17.328 min
Delta R.T.: -0.003 min
Response: 197512
Conc: 1.32 ug/ml



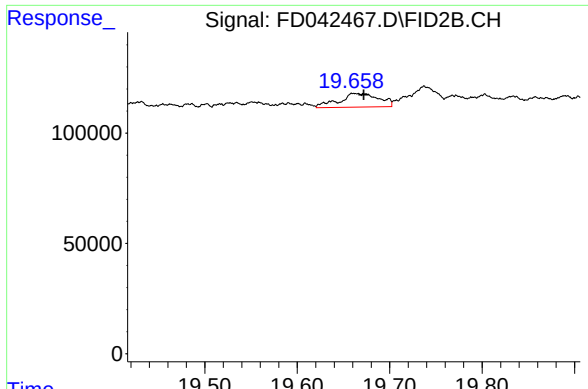
#18 n-Dotriacontane (C32)

R.T.: 18.154 min
Delta R.T.: -0.004 min
Response: 350926
Conc: 2.48 ug/ml



#19 n-Tetratriacontane (C34)

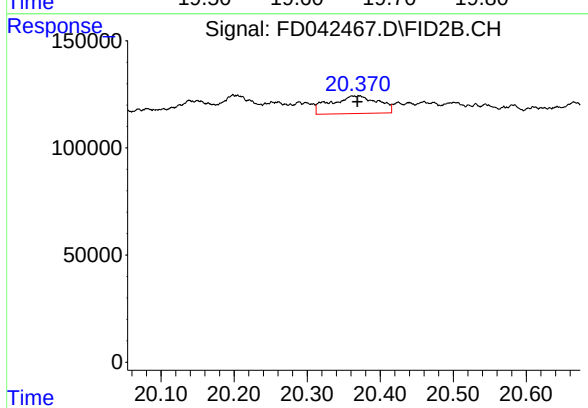
R.T.: 18.934 min
Delta R.T.: -0.003 min
Response: 224974
Conc: 1.75 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.662 min
Delta R.T.: -0.010 min
Response: 186428
Conc: 1.65 ug/ml

Instrument :
FID_D
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 20.370 min
Delta R.T.: 0.002 min
Response: 373165
Conc: 3.74 ug/ml