

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031822AL\
 Data File : FD041629.D
 Signal(s) : FID2B.CH
 Acq On : 18 Mar 2022 13:25
 Operator : UA/NP
 Sample : N1983-05
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 19 00:49:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 24 01:21:33 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)	11.232	5200521	29.981 ug/ml
Spiked Amount 50.000		Recovery =	59.96%
12) S 1-chlorooctadecane (S...	12.671	4553709	33.635 ug/ml
Spiked Amount 50.000		Recovery =	67.27%
Target Compounds			
6) T n-Tetradecane (C14)	7.997f	108134	0.722 ug/ml
7) T n-Hexadecane (C16)	9.499	317470	2.085 ug/ml
8) T n-Octadecane (C18)	10.932	32338	0.208 ug/ml
10) T n-Eicosane (C20)	12.261	2354362	15.166 ug/ml
11) T n-Heneicosane (C21)	12.841	80584	0.515 ug/ml
13) T n-Docosane (C22)	13.421	109503	0.699 ug/ml
14) T n-Tetracosane (C24)	14.471f	334383	2.132 ug/ml
16) T n-Octacosane (C28)	16.519	91336	0.614 ug/ml
21) T n-Octatriacontane (C38)	20.398	45775	0.482 ug/ml

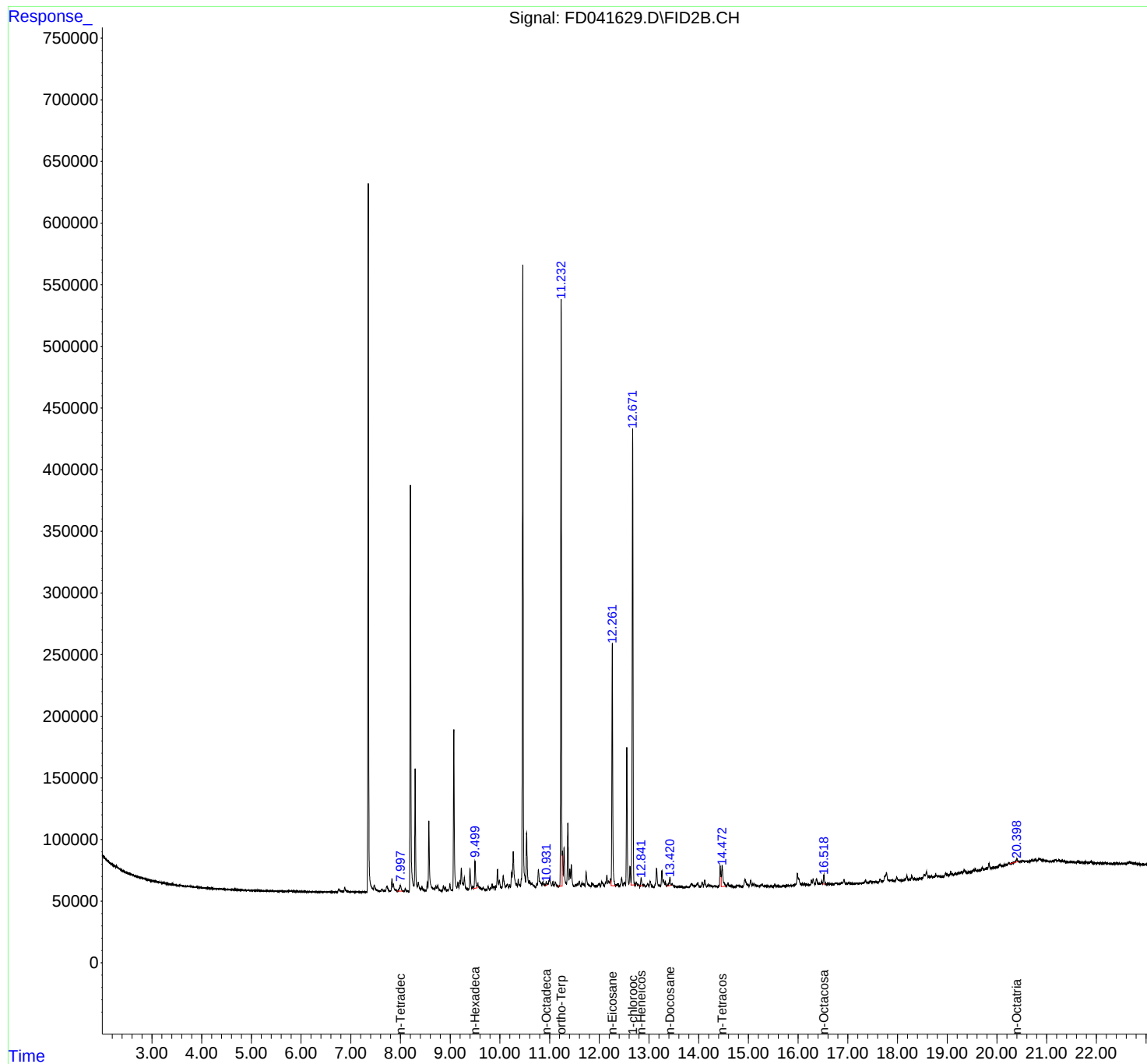
(f)=RT Delta > 1/2 Window

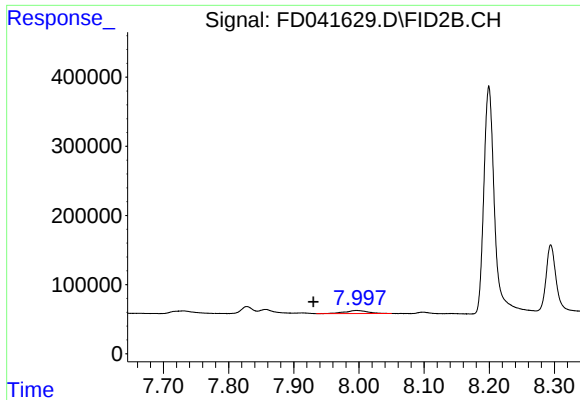
(m)=manual int.

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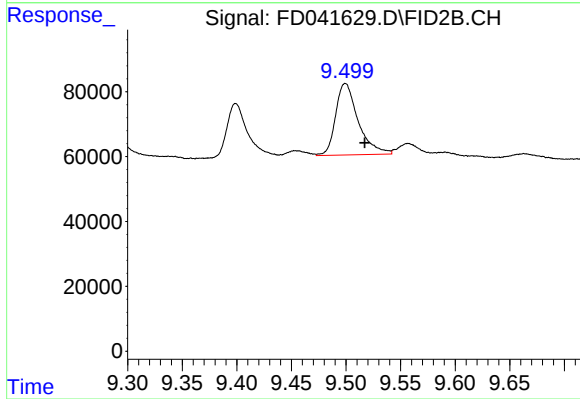
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





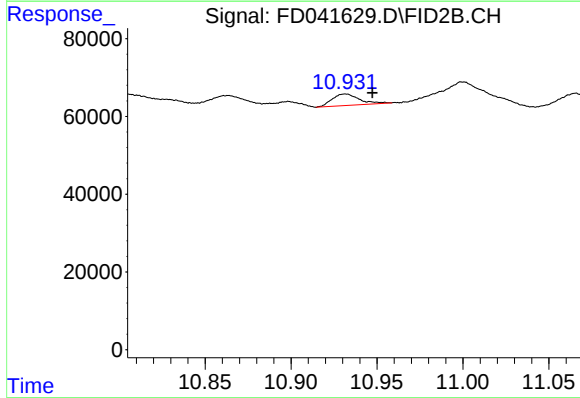
#6 n-Tetradecane (C14)

R.T.: 7.997 min
Delta R.T.: 0.067 min
Response: 108134
Conc: 0.72 ug/ml



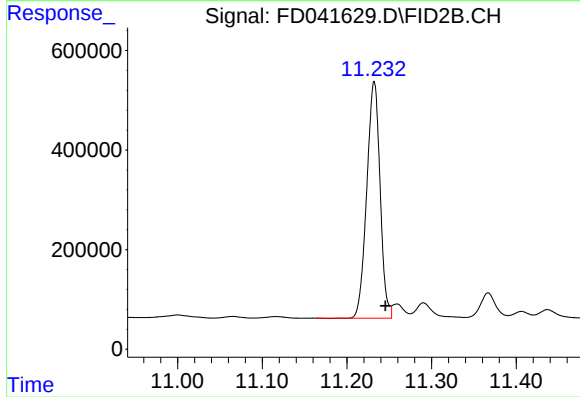
#7 n-Hexadecane (C16)

R.T.: 9.499 min
Delta R.T.: -0.018 min
Response: 317470
Conc: 2.09 ug/ml



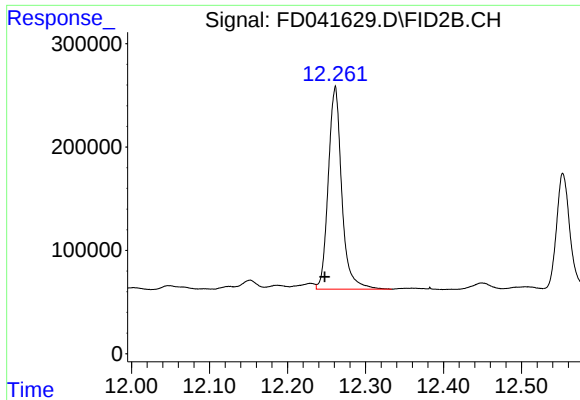
#8 n-Octadecane (C18)

R.T.: 10.932 min
Delta R.T.: -0.016 min
Response: 32338
Conc: 0.21 ug/ml



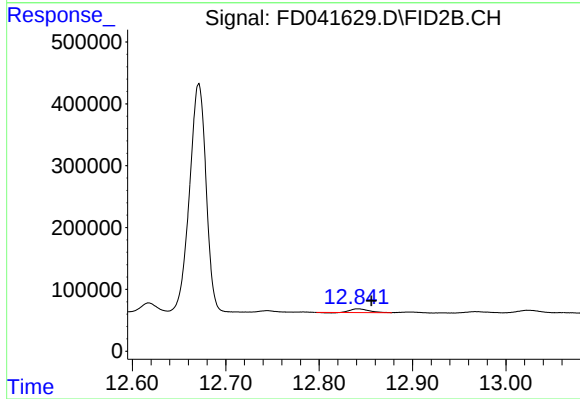
#9 ortho-Terphenyl (SURR)

R.T.: 11.232 min
Delta R.T.: -0.013 min
Response: 5200521
Conc: 29.98 ug/ml



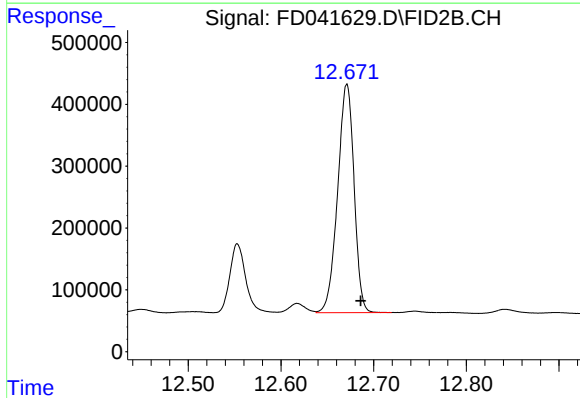
#10 n-Eicosane (C20)

R.T.: 12.261 min
Delta R.T.: 0.013 min
Response: 2354362
Conc: 15.17 ug/ml



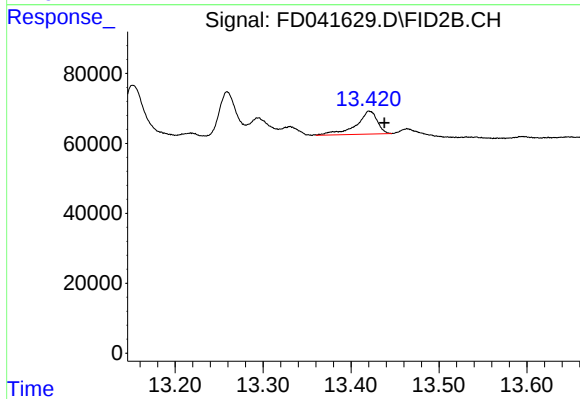
#11 n-Heneicosane (C21)

R.T.: 12.841 min
Delta R.T.: -0.014 min
Response: 80584
Conc: 0.51 ug/ml



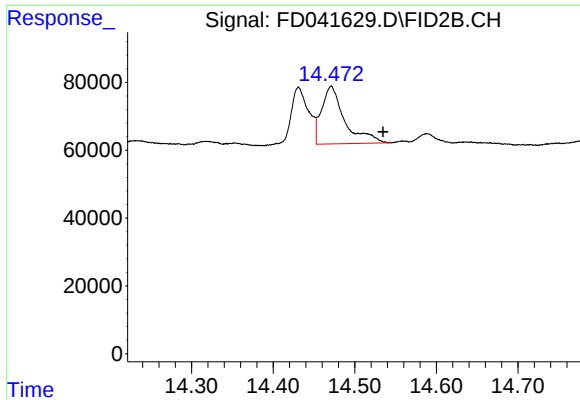
#12 1-chlorooctadecane (SURR)

R.T.: 12.671 min
Delta R.T.: -0.015 min
Response: 4553709
Conc: 33.64 ug/ml



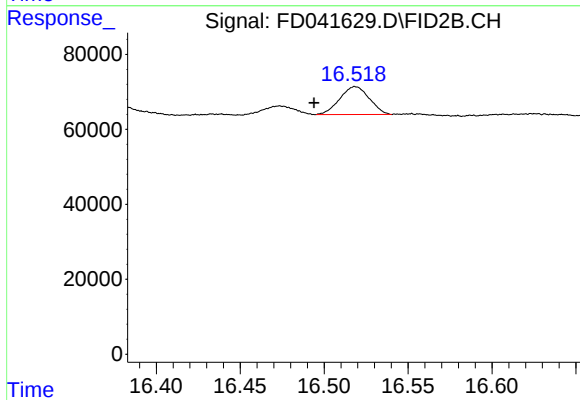
#13 n-Docosane (C22)

R.T.: 13.421 min
Delta R.T.: -0.017 min
Response: 109503
Conc: 0.70 ug/ml



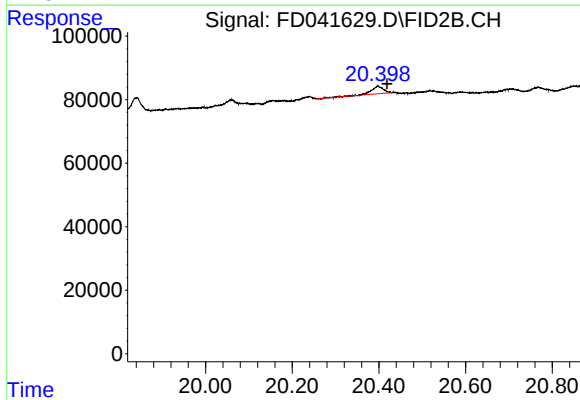
#14 n-Tetracosane (C24)

R.T.: 14.471 min
Delta R.T.: -0.064 min
Response: 334383
Conc: 2.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.519 min
Delta R.T.: 0.025 min
Response: 91336
Conc: 0.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.398 min
Delta R.T.: -0.022 min
Response: 45775
Conc: 0.48 ug/ml