

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090721AL\
 Data File : FC055530.D
 Signal(s) : FID1A.CH
 Acq On : 07 Sep 2021 14:01
 Operator : AJ\MA
 Sample : M3660-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 07 14:38:06 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 01:45:39 2021
 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)	11.660	3751928	30.033 ug/ml
Spiked Amount 50.000		Recovery =	60.07%
12) S 1-chlorooctadecane (S...	13.084	9389188	94.872 ug/ml
Spiked Amount 50.000		Recovery =	189.74%
Target Compounds			
6) T n-Tetradecane (C14)	8.289	318873	2.863 ug/ml
7) T n-Hexadecane (C16)	9.892	619365	5.480 ug/ml
8) T n-Octadecane (C18)	11.336	592286	5.087 ug/ml
10) T n-Eicosane (C20)	12.646	601245	5.146 ug/ml
11) T n-Heneicosane (C21)	13.279	1255729	10.669 ug/ml
13) T n-Docosane (C22)	13.844	336958	2.889 ug/ml
14) T n-Tetracosane (C24)	14.932	928899	7.976 ug/ml
15) T n-Hexacosane (C26)	15.968	203585	1.797 ug/ml
16) T n-Octacosane (C28)	16.926	395736	3.576 ug/ml
17) T n-Tricontane (C30)	17.805	311859	2.933 ug/ml
18) T n-Dotriacontane (C32)	18.637	398910	3.980 ug/ml
19) T n-Tetratriacontane (C34)	19.421	621270	6.583 ug/ml
20) T n-Hexatriacontane (C36)	20.165	1558405	17.949 ug/ml
22) T n-Tetracontane (C40)	21.815	698690	8.699 ug/ml

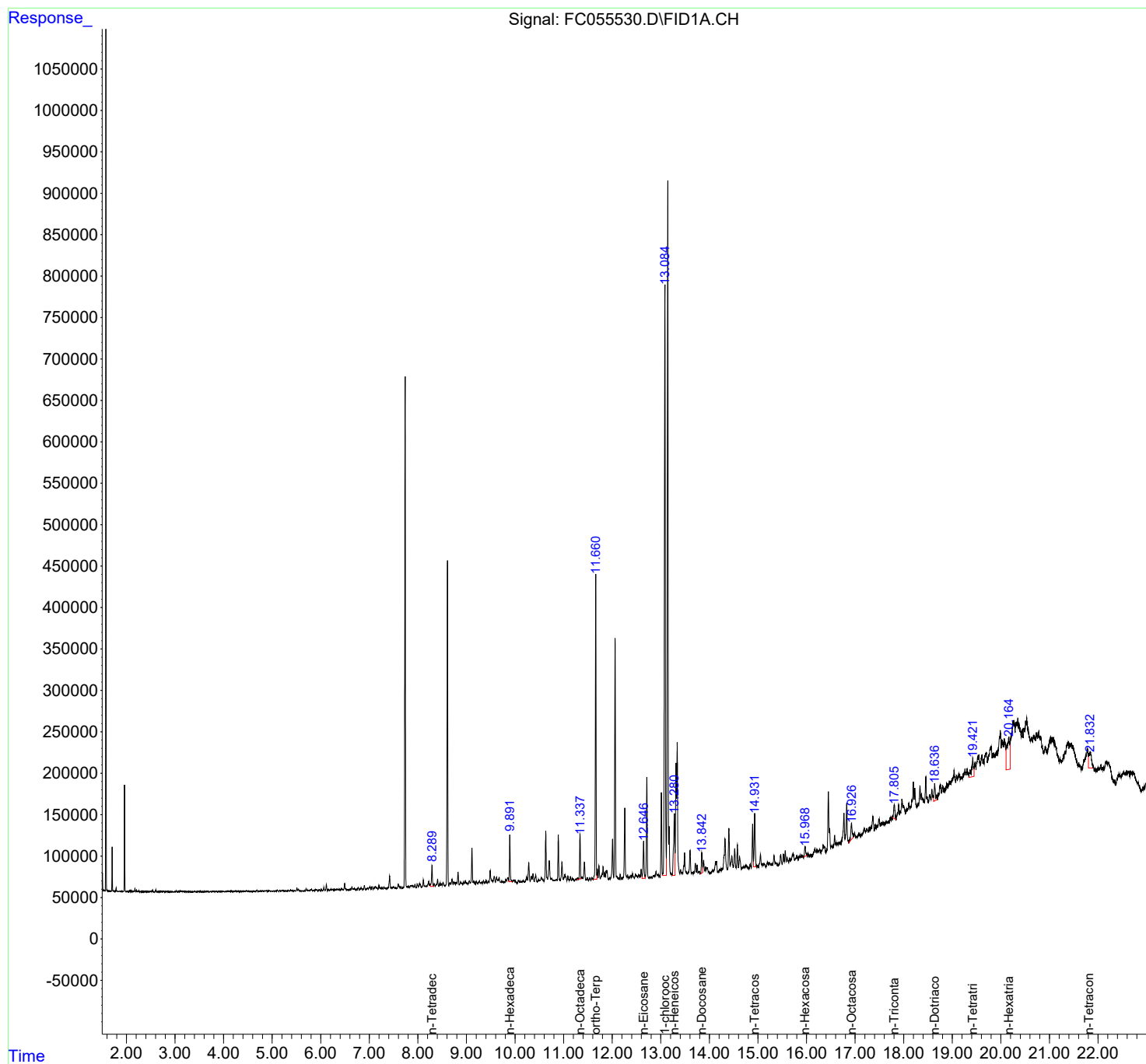
(f)=RT Delta > 1/2 Window

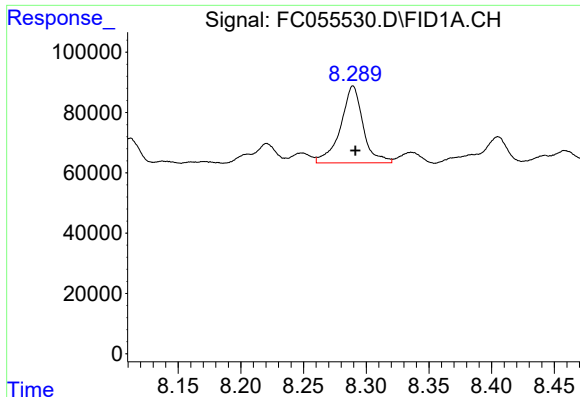
(m)=manual int.

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Misc :
ALS Vial : 4 Sample Multiplier: 1

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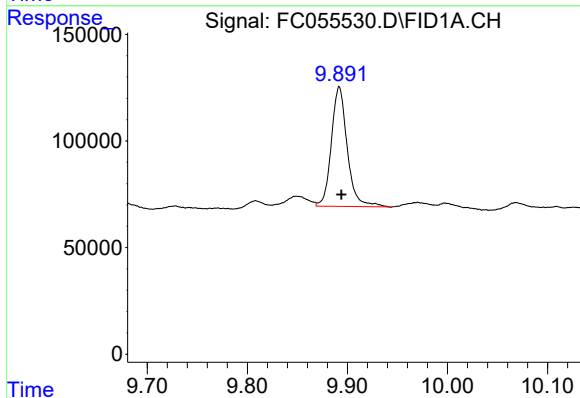
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





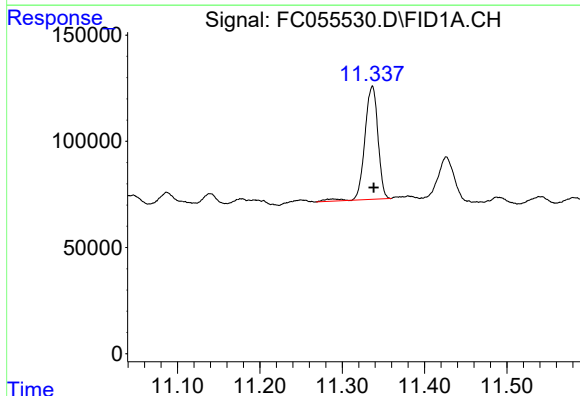
#6 n-Tetradecane (C14)

R.T.: 8.289 min
Delta R.T.: -0.002 min
Response: 318873
Conc: 2.86 ug/ml



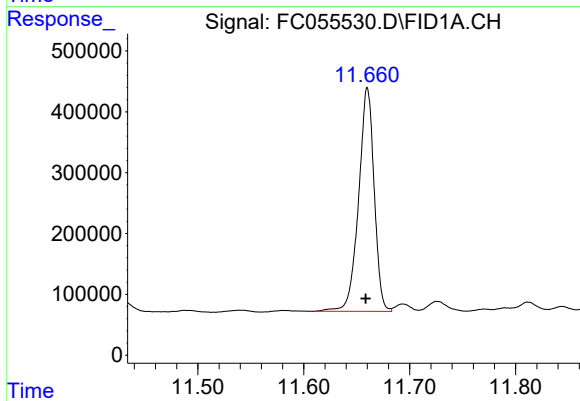
#7 n-Hexadecane (C16)

R.T.: 9.892 min
Delta R.T.: -0.002 min
Response: 619365
Conc: 5.48 ug/ml



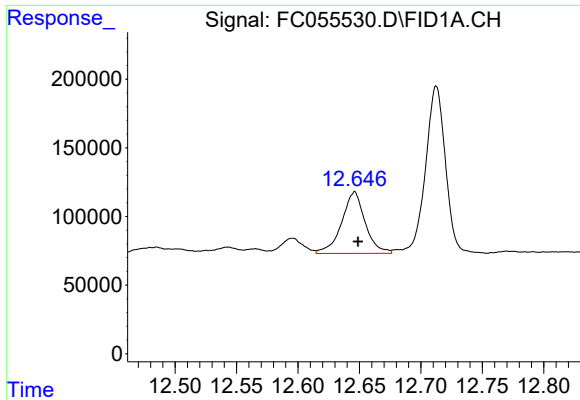
#8 n-Octadecane (C18)

R.T.: 11.336 min
Delta R.T.: -0.002 min
Response: 592286
Conc: 5.09 ug/ml



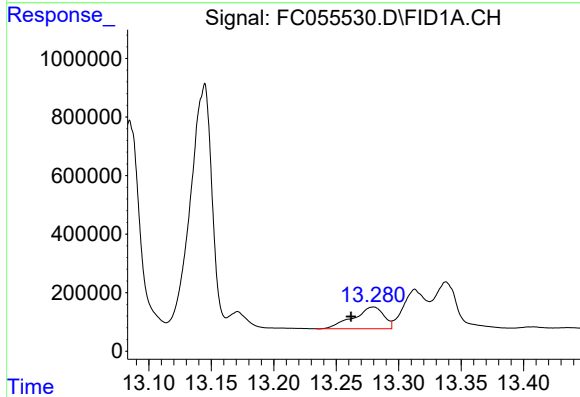
#9 ortho-Terphenyl (SURR)

R.T.: 11.660 min
Delta R.T.: 0.001 min
Response: 3751928
Conc: 30.03 ug/ml



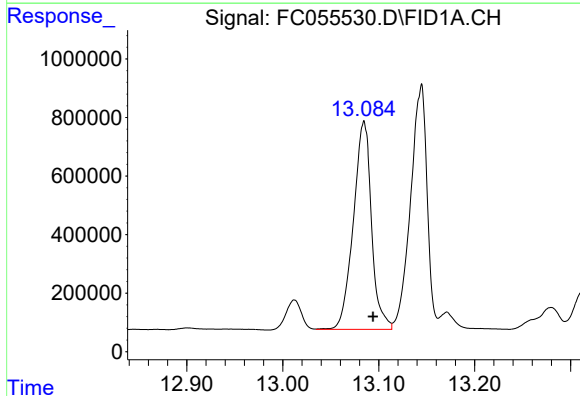
#10 n-Eicosane (C20)

R.T.: 12.646 min
Delta R.T.: -0.003 min
Response: 601245
Conc: 5.15 ug/ml



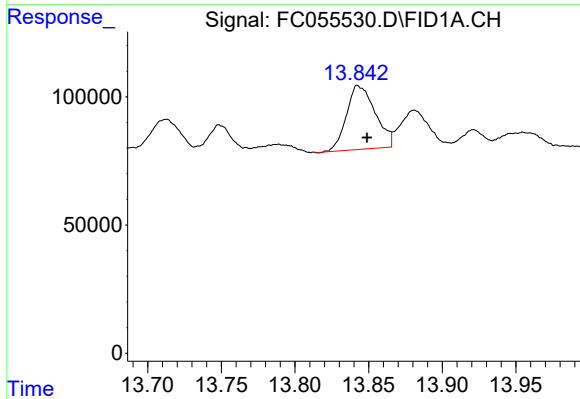
#11 n-Heneicosane (C21)

R.T.: 13.279 min
Delta R.T.: 0.017 min
Response: 1255729
Conc: 10.67 ug/ml



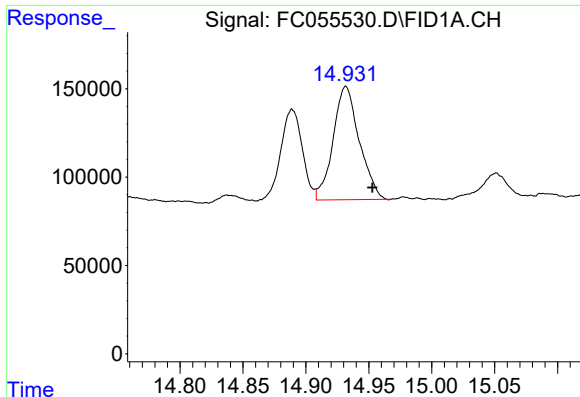
#12 1-chlorooctadecane (SURR)

R.T.: 13.084 min
Delta R.T.: -0.010 min
Response: 9389188
Conc: 94.87 ug/ml



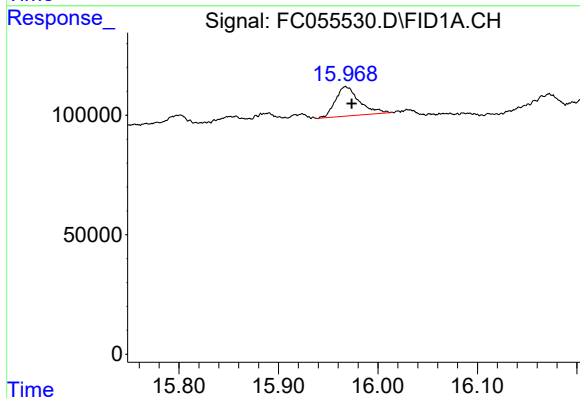
#13 n-Docosane (C22)

R.T.: 13.844 min
Delta R.T.: -0.005 min
Response: 336958
Conc: 2.89 ug/ml



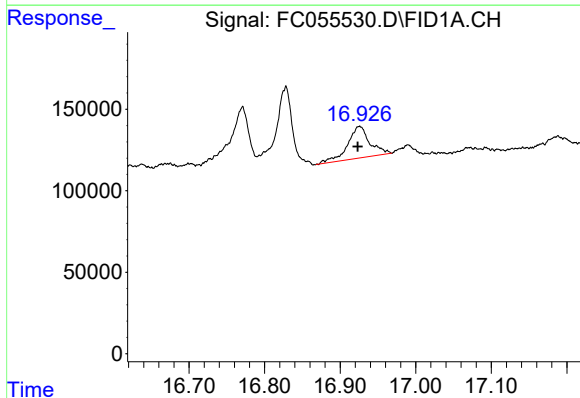
#14 n-Tetracosane (C24)

R.T.: 14.932 min
Delta R.T.: -0.021 min
Response: 928899
Conc: 7.98 ug/ml



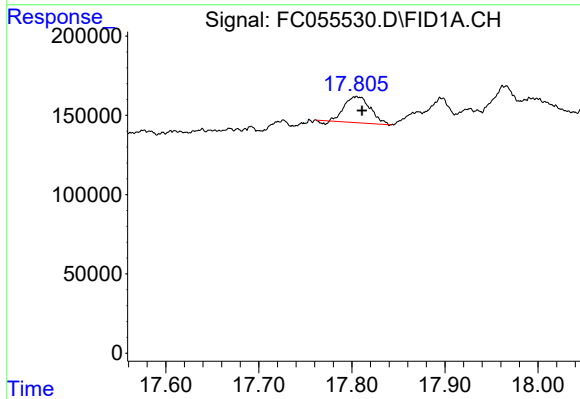
#15 n-Hexacosane (C26)

R.T.: 15.968 min
Delta R.T.: -0.005 min
Response: 203585
Conc: 1.80 ug/ml



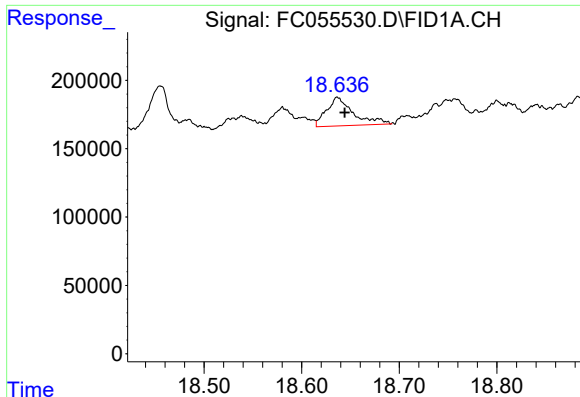
#16 n-Octacosane (C28)

R.T.: 16.926 min
Delta R.T.: 0.002 min
Response: 395736
Conc: 3.58 ug/ml



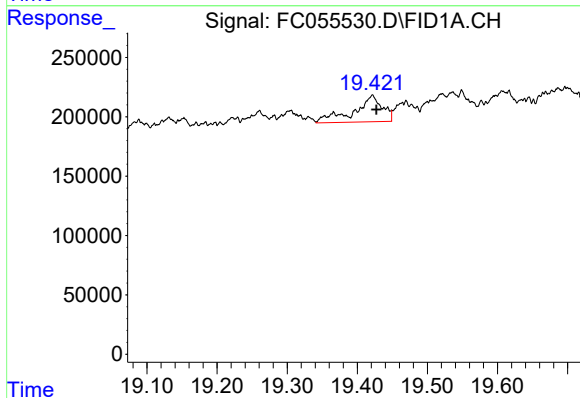
#17 n-Tricontane (C30)

R.T.: 17.805 min
Delta R.T.: -0.005 min
Response: 311859
Conc: 2.93 ug/ml



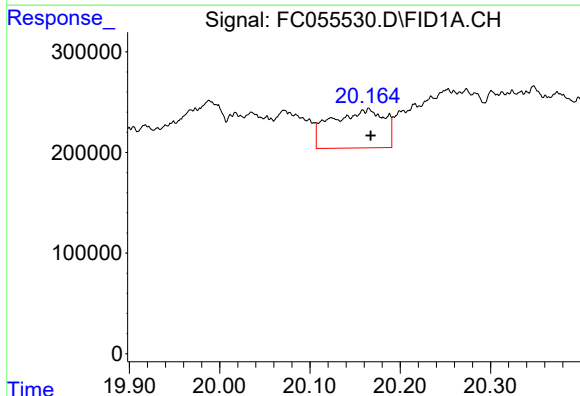
#18 n-Dotriacontane (C32)

R.T.: 18.637 min
Delta R.T.: -0.007 min
Response: 398910
Conc: 3.98 ug/ml



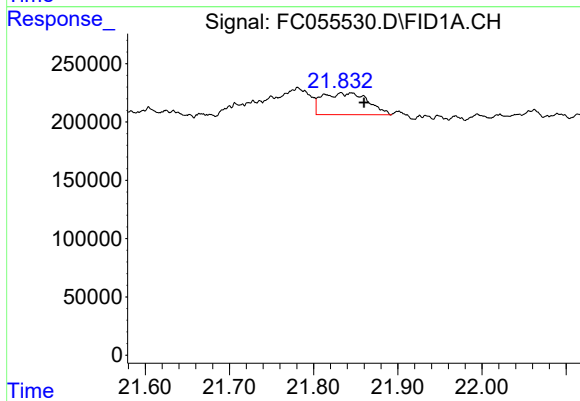
#19 n-Tetratriacontane (C34)

R.T.: 19.421 min
Delta R.T.: -0.006 min
Response: 621270
Conc: 6.58 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.165 min
Delta R.T.: -0.003 min
Response: 1558405
Conc: 17.95 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.815 min
Delta R.T.: -0.045 min
Response: 698690
Conc: 8.70 ug/ml