

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101723AL\
 Data File : FC064860.D
 Signal(s) : FID1A.ch
 Acq On : 17 Oct 2023 16:54
 Operator : YP/AJ
 Sample : 04898-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 18 01:32:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 10 12:17:45 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.520	6493048	30.410 ug/ml
Spiked Amount 50.000		Recovery =	60.82%
12) S 1-chlorooctadecane (S...	12.952	4800590	32.016 ug/ml
Spiked Amount 50.000		Recovery =	64.03%
Target Compounds			
6) T n-Tetradecane (C14)	8.144	37389	0.208 ug/ml
8) T n-Octadecane (C18)	11.231	126843	0.707 ug/ml
10) T n-Eicosane (C20)	12.579f	379843	2.206 ug/ml
11) T n-Heneicosane (C21)	13.137	171204	1.011 ug/ml
14) T n-Tetracosane (C24)	14.798	263481	1.655 ug/ml
15) T n-Hexacosane (C26)	15.844	477788	3.119 ug/ml
16) T n-Octacosane (C28)	16.760	120070	0.815 ug/ml
17) T n-Tricontane (C30)	17.644	163259	1.116 ug/ml
18) T n-Dotriacontane (C32)	18.467	480576	3.328 ug/ml
19) T n-Tetratriacontane (C34)	19.275	188055	1.337 ug/ml
20) T n-Hexatriacontane (C36)	19.986	59934	0.433 ug/ml
22) T n-Tetracontane (C40)	21.602	2913860	23.283 ug/ml

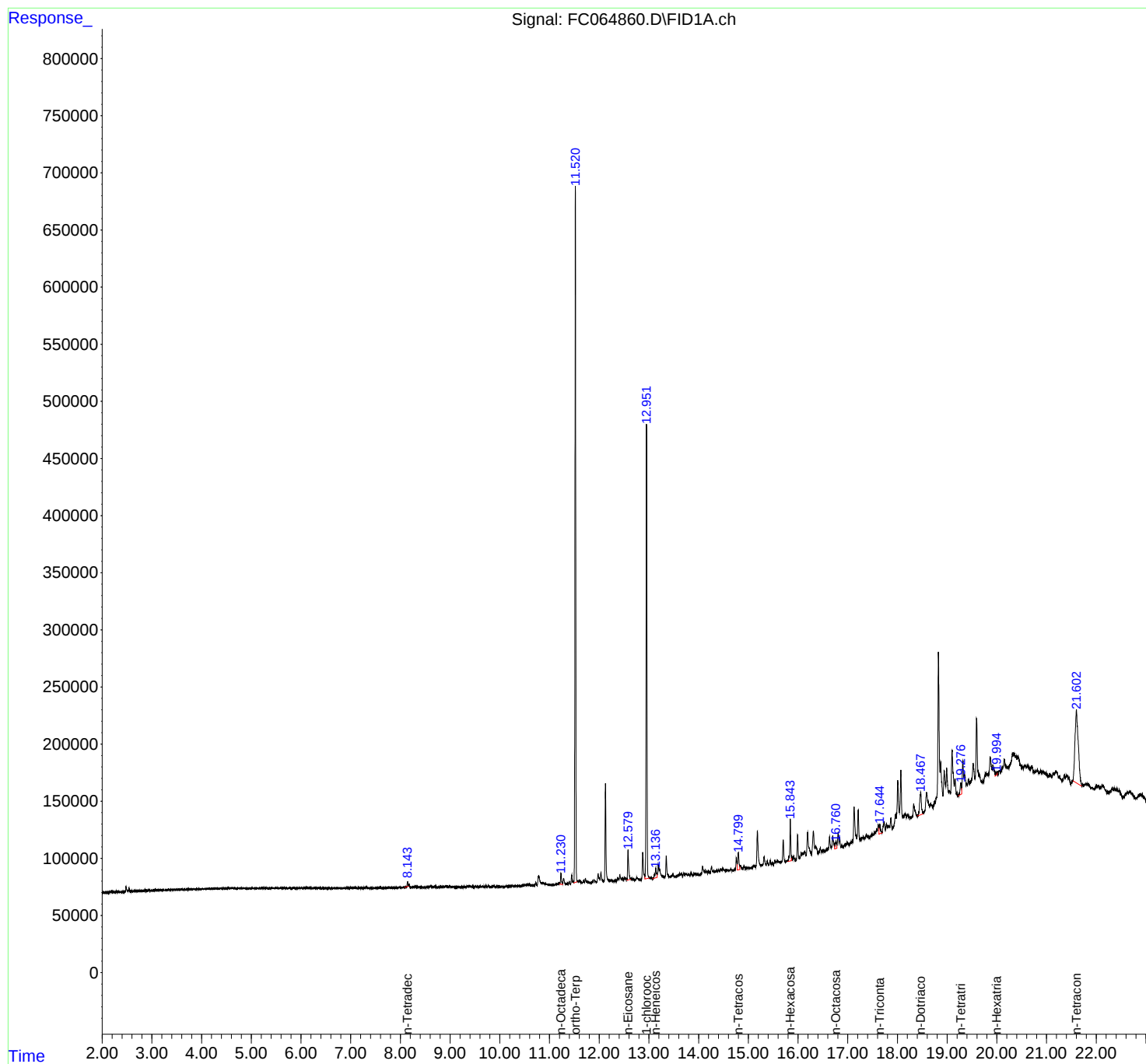
(f)=RT Delta > 1/2 Window

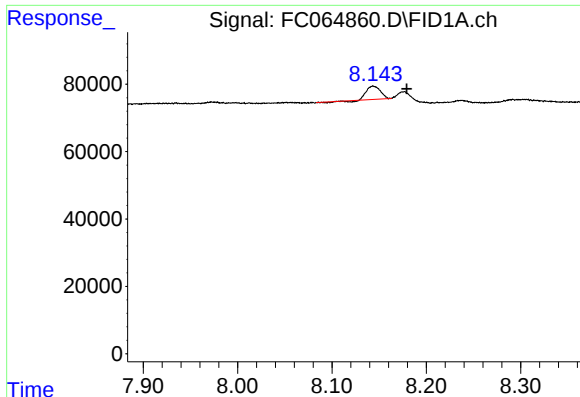
(m)=manual int.

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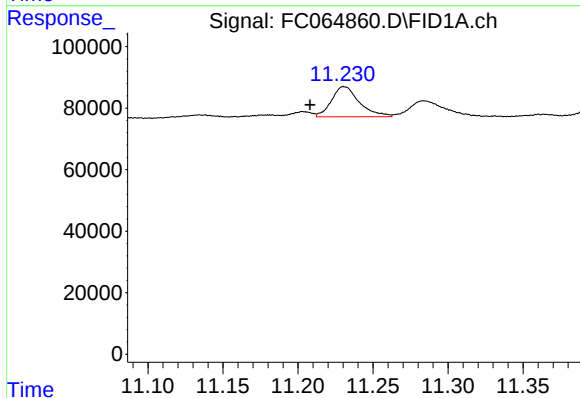
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Signal Info : 20M x 0.18mm x 0.18um





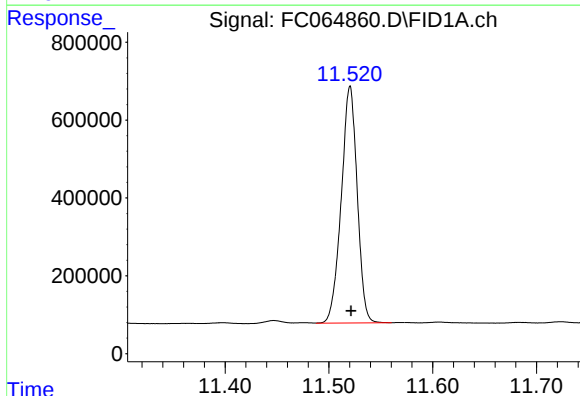
#6 n-Tetradecane (C14)

R.T.: 8.144 min
Delta R.T.: -0.036 min
Response: 37389
Conc: 0.21 ug/ml



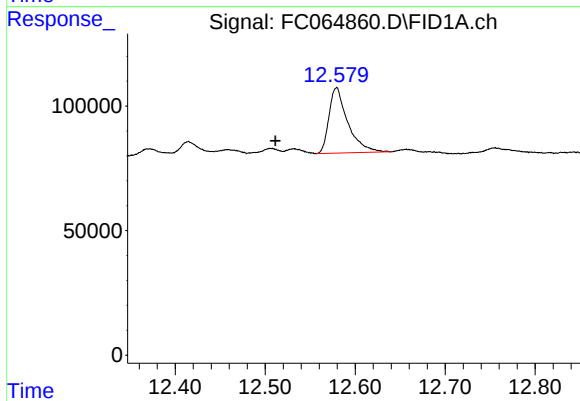
#8 n-Octadecane (C18)

R.T.: 11.231 min
Delta R.T.: 0.023 min
Response: 126843
Conc: 0.71 ug/ml



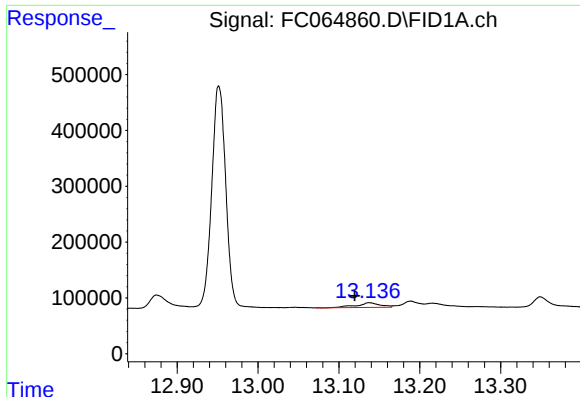
#9 ortho-Terphenyl (SURR)

R.T.: 11.520 min
Delta R.T.: -0.001 min
Response: 6493048
Conc: 30.41 ug/ml



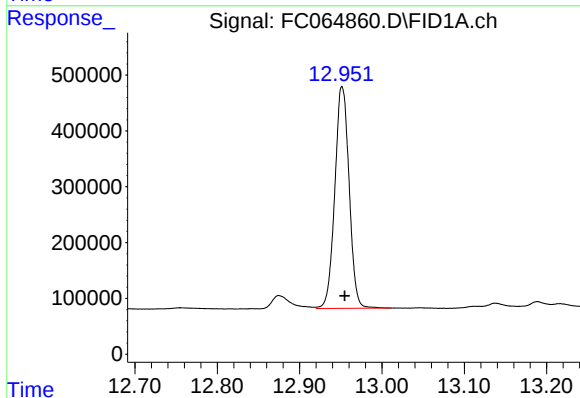
#10 n-Eicosane (C20)

R.T.: 12.579 min
Delta R.T.: 0.068 min
Response: 379843
Conc: 2.21 ug/ml



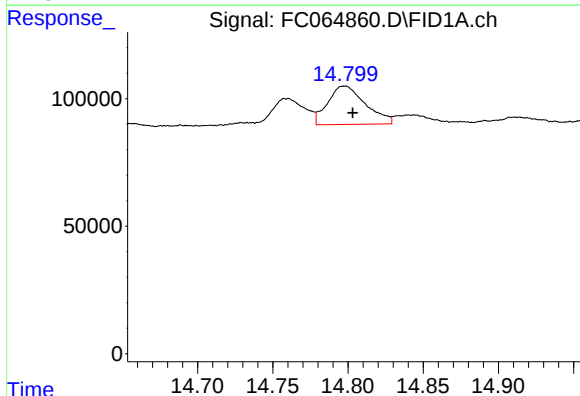
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: 0.018 min
Response: 171204
Conc: 1.01 ug/ml



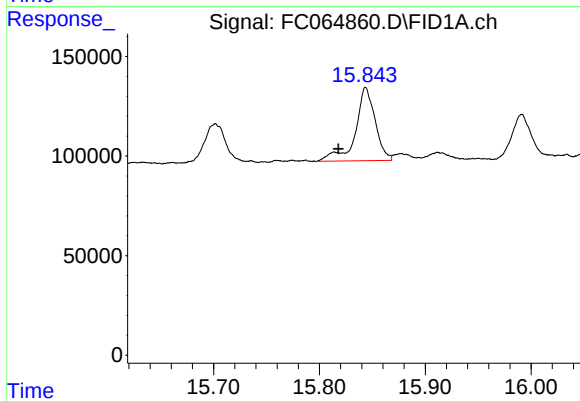
#12 1-chlorooctadecane (SURR)

R.T.: 12.952 min
Delta R.T.: -0.003 min
Response: 4800590
Conc: 32.02 ug/ml



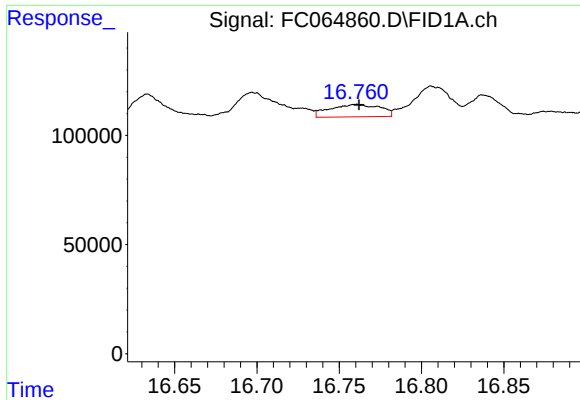
#14 n-Tetracosane (C24)

R.T.: 14.798 min
Delta R.T.: -0.005 min
Response: 263481
Conc: 1.66 ug/ml



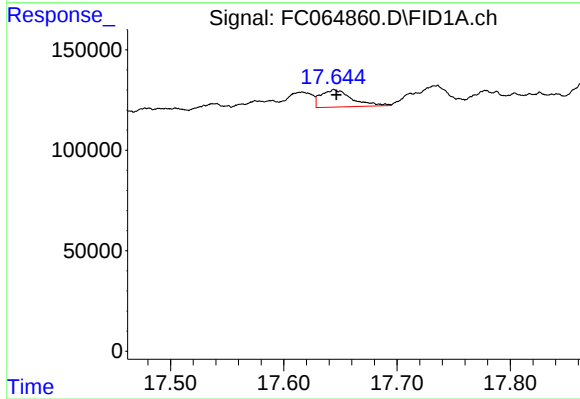
#15 n-Hexacosane (C26)

R.T.: 15.844 min
Delta R.T.: 0.026 min
Response: 477788
Conc: 3.12 ug/ml



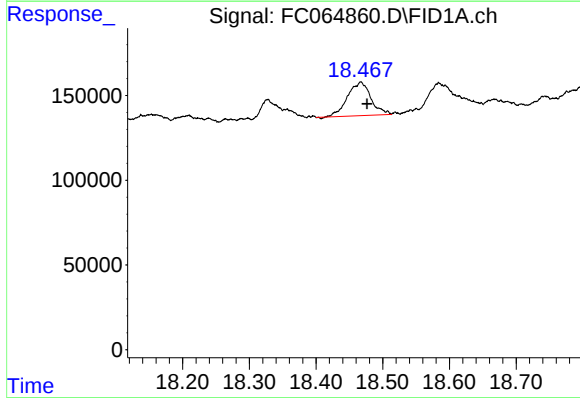
#16 n-Octacosane (C28)

R.T.: 16.760 min
Delta R.T.: -0.002 min
Response: 120070
Conc: 0.81 ug/ml



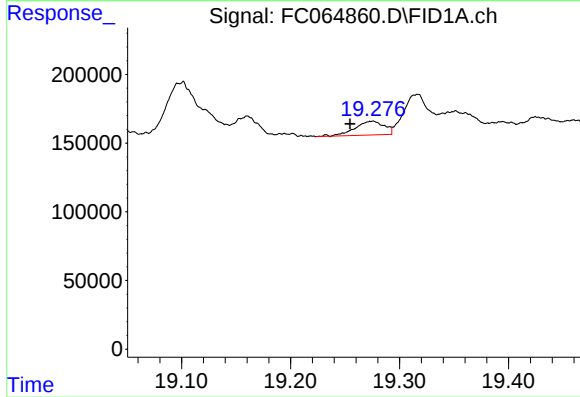
#17 n-Tricontane (C30)

R.T.: 17.644 min
Delta R.T.: -0.002 min
Response: 163259
Conc: 1.12 ug/ml



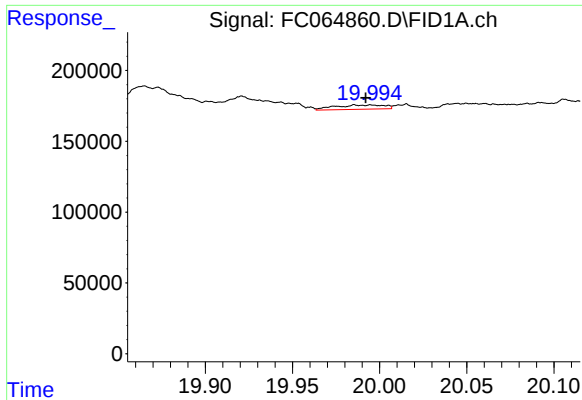
#18 n-Dotriacontane (C32)

R.T.: 18.467 min
Delta R.T.: -0.009 min
Response: 480576
Conc: 3.33 ug/ml



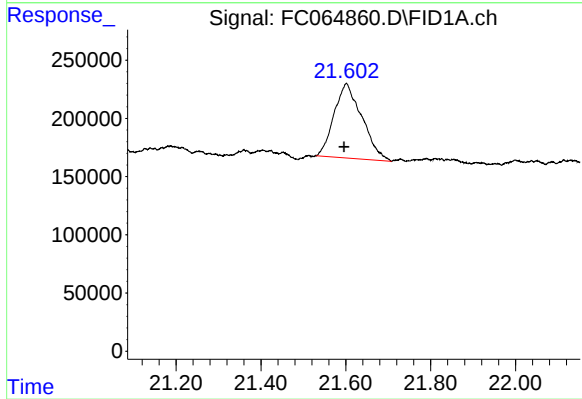
#19 n-Tetratriacontane (C34)

R.T.: 19.275 min
Delta R.T.: 0.021 min
Response: 188055
Conc: 1.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.986 min
Delta R.T.: -0.006 min
Response: 59934
Conc: 0.43 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.602 min
Delta R.T.: 0.006 min
Response: 2913860
Conc: 23.28 ug/ml