

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE013123AL\
 Data File : FE040109.D
 Signal(s) : FID1B.ch
 Acq On : 31 Jan 2023 12:10
 Operator : YP\AJ
 Sample : 01328-23
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 31 12:35:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 04:24:52 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)	11.901	492485	3.207 ug/ml
Spiked Amount 50.000		Recovery =	6.41%
12) S 1-chlorooctadecane (S...	13.341	4793022	41.072 ug/ml
Spiked Amount 50.000		Recovery =	82.14%
Target Compounds			
4) T n-Dodecane (C12)	6.709	84844	0.675 ug/ml
6) T n-Tetradecane (C14)	8.536	64632	0.503 ug/ml
7) T n-Hexadecane (C16)	10.144	49445	0.367 ug/ml
8) T n-Octadecane (C18)	11.586	57724	0.412 ug/ml
10) T n-Eicosane (C20)	12.894	48799	0.352 ug/ml
13) T n-Docosane (C22)	14.094	62233	0.448 ug/ml
14) T n-Tetracosane (C24)	15.197	56866	0.413 ug/ml
15) T n-Hexacosane (C26)	16.218	57050	0.427 ug/ml
16) T n-Octacosane (C28)	17.191	161414	1.240 ug/ml
17) T n-Tricontane (C30)	18.055	149371	1.171 ug/ml
18) T n-Dotriacontane (C32)	18.892	89557	0.708 ug/ml
19) T n-Tetratriacontane (C34)	19.701	213637	1.729 ug/ml
20) T n-Hexatriacontane (C36)	20.417	149614	1.269 ug/ml
21) T n-Octatriacontane (C38)	21.148	127285	1.065 ug/ml
22) T n-Tetracontane (C40)	22.046	172894	1.425 ug/ml

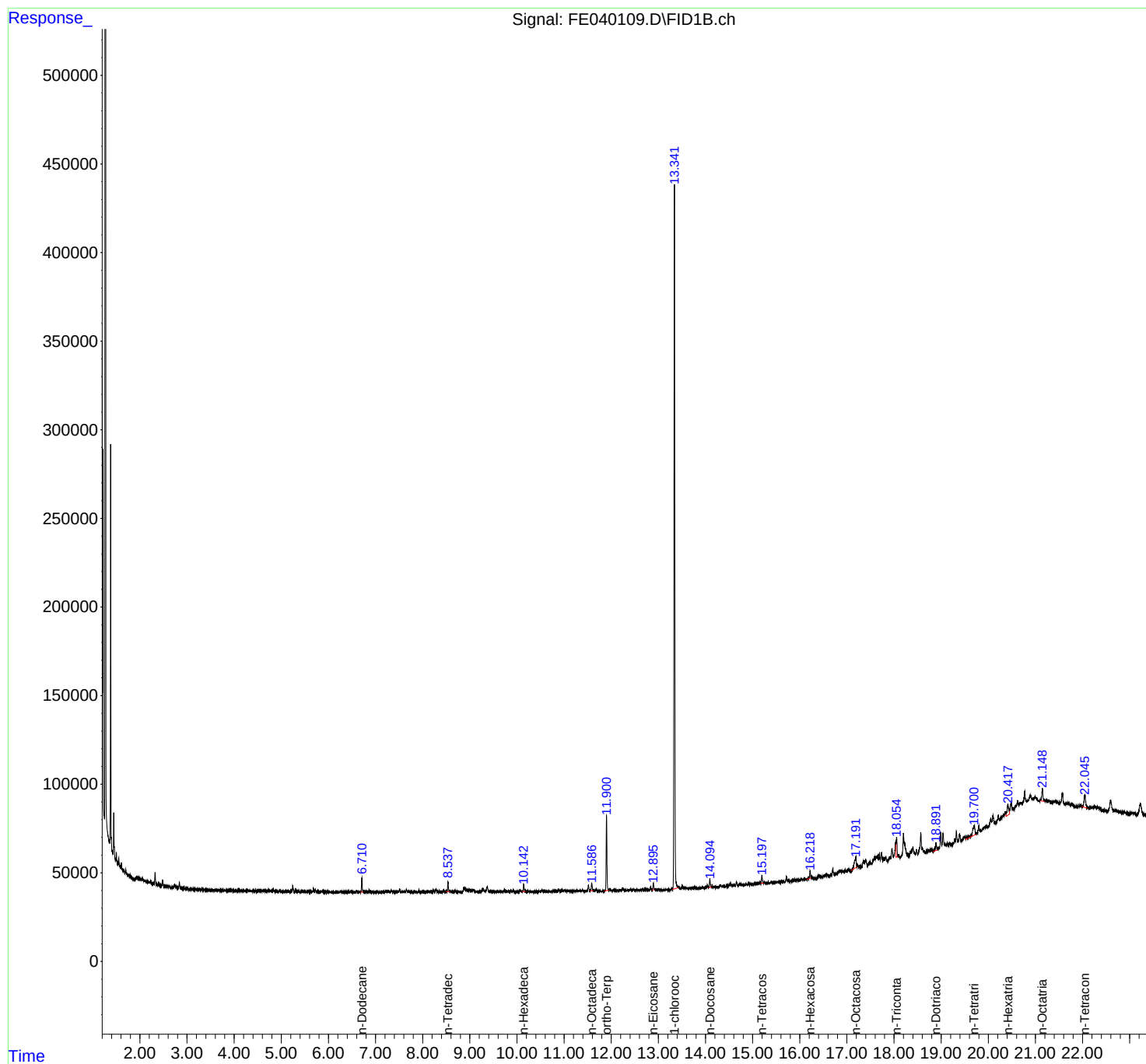
(f)=RT Delta > 1/2 Window

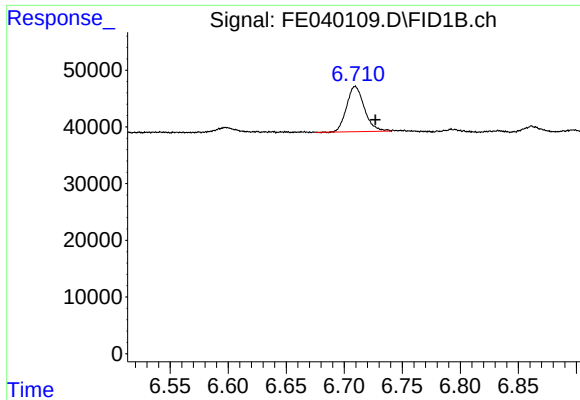
(m)=manual int.

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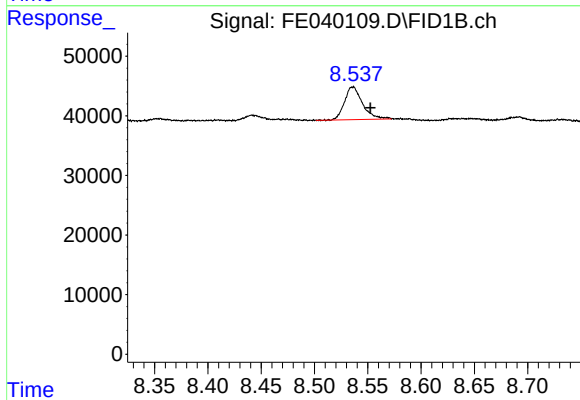
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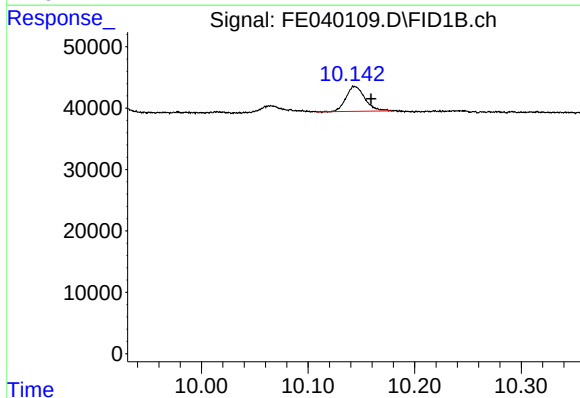
#4 n-Dodecane (C12)

R.T.: 6.709 min
Delta R.T.: -0.017 min
Response: 84844
Conc: 0.67 ug/ml



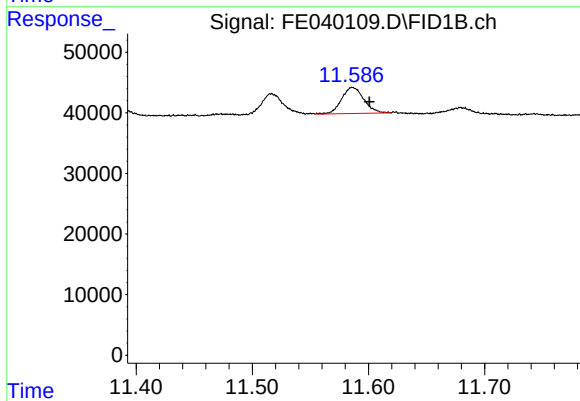
#6 n-Tetradecane (C14)

R.T.: 8.536 min
Delta R.T.: -0.017 min
Response: 64632
Conc: 0.50 ug/ml



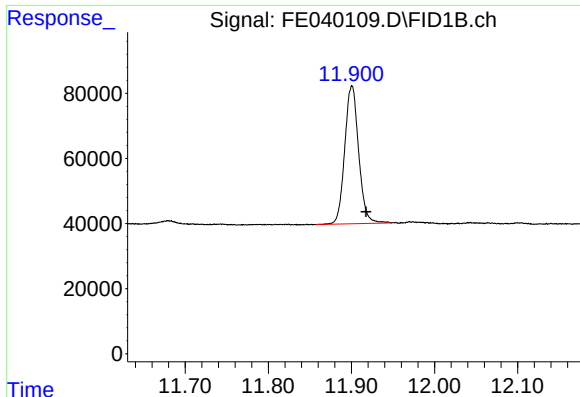
#7 n-Hexadecane (C16)

R.T.: 10.144 min
Delta R.T.: -0.015 min
Response: 49445
Conc: 0.37 ug/ml



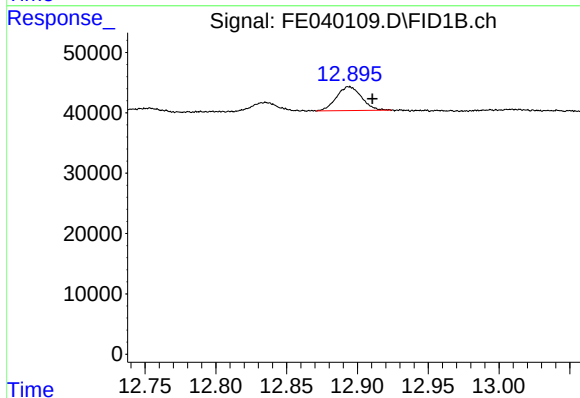
#8 n-Octadecane (C18)

R.T.: 11.586 min
Delta R.T.: -0.014 min
Response: 57724
Conc: 0.41 ug/ml



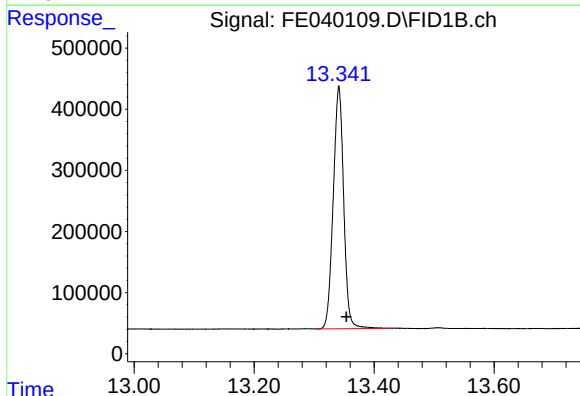
#9 ortho-Terphenyl (SURR)

R.T.: 11.901 min
Delta R.T.: -0.017 min
Response: 492485
Conc: 3.21 ug/ml



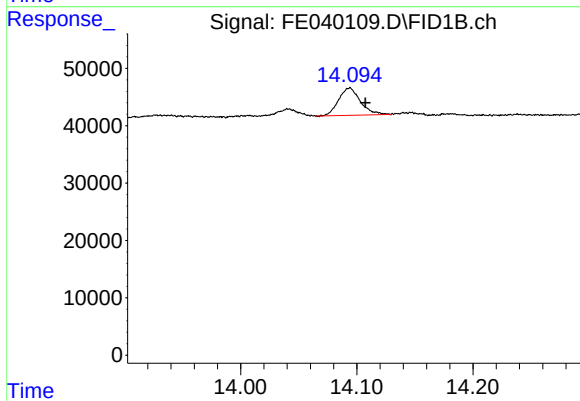
#10 n-Eicosane (C20)

R.T.: 12.894 min
Delta R.T.: -0.016 min
Response: 48799
Conc: 0.35 ug/ml



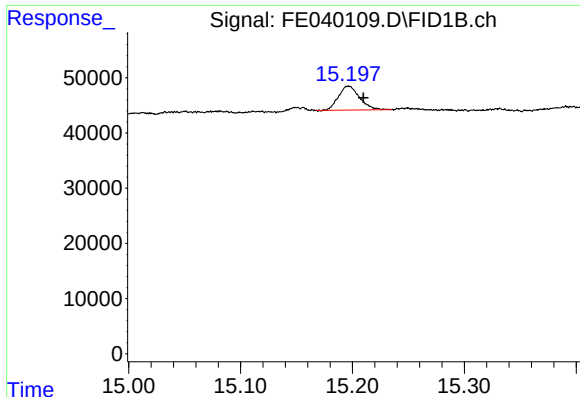
#12 1-chlorooctadecane (SURR)

R.T.: 13.341 min
Delta R.T.: -0.013 min
Response: 4793022
Conc: 41.07 ug/ml



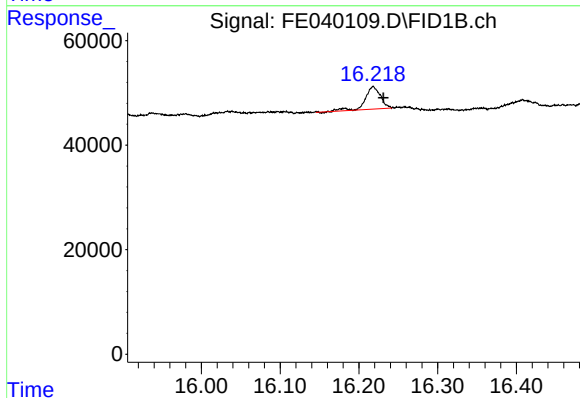
#13 n-Docosane (C22)

R.T.: 14.094 min
Delta R.T.: -0.014 min
Response: 62233
Conc: 0.45 ug/ml



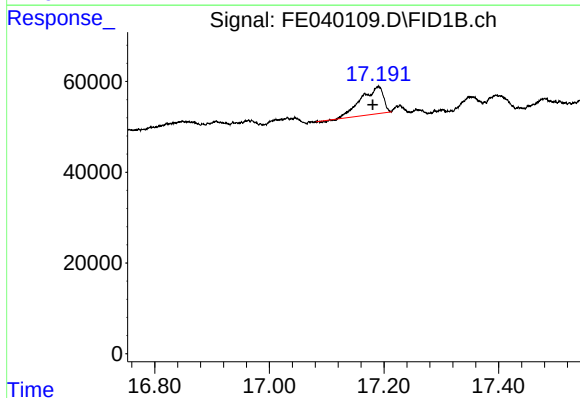
#14 n-Tetracosane (C24)

R.T.: 15.197 min
Delta R.T.: -0.013 min
Response: 56866
Conc: 0.41 ug/ml



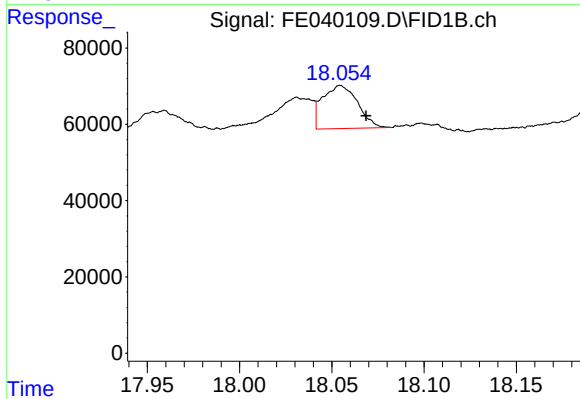
#15 n-Hexacosane (C26)

R.T.: 16.218 min
Delta R.T.: -0.013 min
Response: 57050
Conc: 0.43 ug/ml



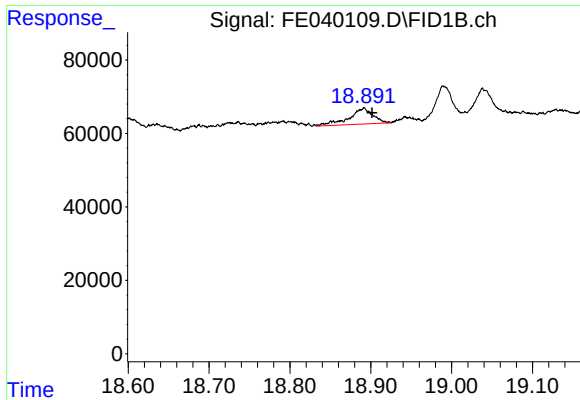
#16 n-Octacosane (C28)

R.T.: 17.191 min
Delta R.T.: 0.010 min
Response: 161414
Conc: 1.24 ug/ml



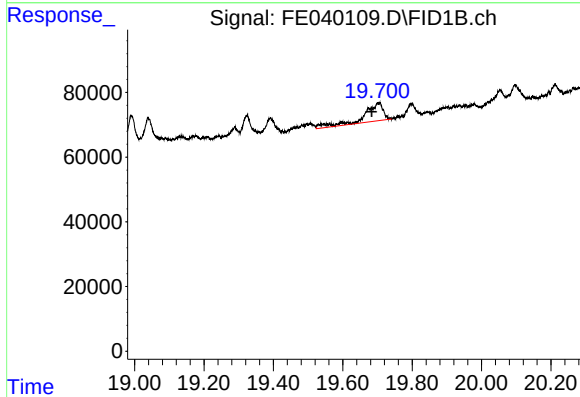
#17 n-Tricontane (C30)

R.T.: 18.055 min
Delta R.T.: -0.014 min
Response: 149371
Conc: 1.17 ug/ml



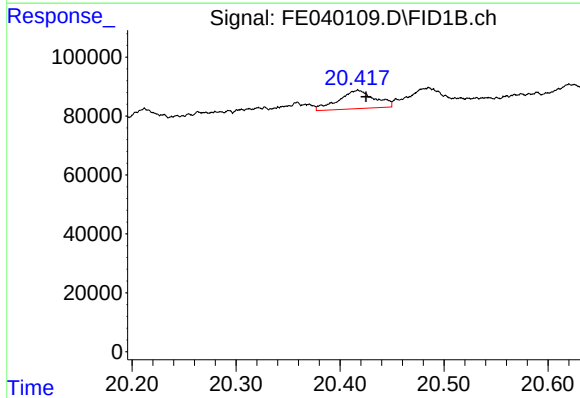
#18 n-Dotriacontane (C32)

R.T.: 18.892 min
Delta R.T.: -0.010 min
Response: 89557
Conc: 0.71 ug/ml



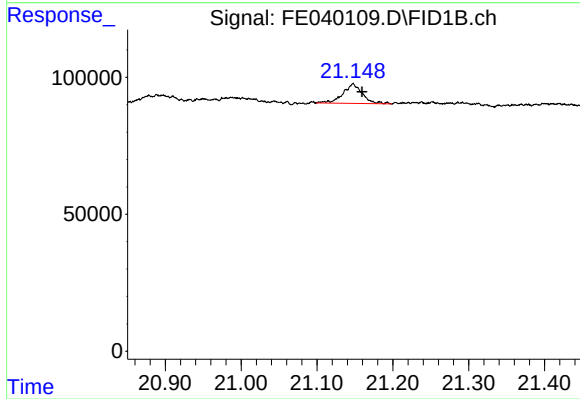
#19 n-Tetratriacontane (C34)

R.T.: 19.701 min
Delta R.T.: 0.017 min
Response: 213637
Conc: 1.73 ug/ml



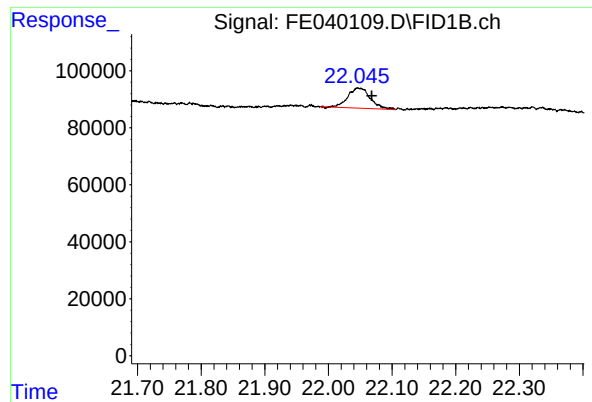
#20 n-Hexatriacontane (C36)

R.T.: 20.417 min
Delta R.T.: -0.008 min
Response: 149614
Conc: 1.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.148 min
Delta R.T.: -0.012 min
Response: 127285
Conc: 1.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.046 min
Delta R.T.: -0.022 min
Response: 172894
Conc: 1.42 ug/ml