

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101323AL\
 Data File : FE044848.D
 Signal(s) : FID1B.ch
 Acq On : 13 Oct 2023 18:00
 Operator : YP\AJ
 Sample : 04878-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 14 00:27:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101123.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.941	134670672	671.790 ug/ml
Spiked Amount 50.000		Recovery	= 1343.58%
12) S 1-chlorooctadecane (S...	13.393	65144768	440.210 ug/ml
Spiked Amount 50.000		Recovery	= 880.42%
Target Compounds			
5) T A~2-methylnaphthalene...	7.333	76597	0.425 ug/ml
6) T n-Tetradecane (C14)	8.542	1388960	8.100 ug/ml
7) T n-Hexadecane (C16)	10.163	10965156	62.705 ug/ml
8) T n-Octadecane (C18)	11.598	23218252	133.121 ug/ml
10) T n-Eicosane (C20)	12.874	90023626	538.967 ug/ml
11) T n-Heneicosane (C21)	13.499	48592334	298.091 ug/ml
13) T n-Docosane (C22)	14.126	6485194	40.544 ug/ml
14) T n-Tetracosane (C24)	15.224	5105405	32.896 ug/ml
15) T n-Hexacosane (C26)	16.267	380997	2.538 ug/ml
16) T n-Octacosane (C28)	17.180	118480	0.807 ug/ml
18) T n-Dotriacontane (C32)	18.919	137398	0.915 ug/ml
19) T n-Tetratriacontane (C34)	19.691	64116	0.431 ug/ml
20) T n-Hexatriacontane (C36)	20.429	47872	0.311 ug/ml
22) T n-Tetracontane (C40)	22.145	140575	0.841 ug/ml

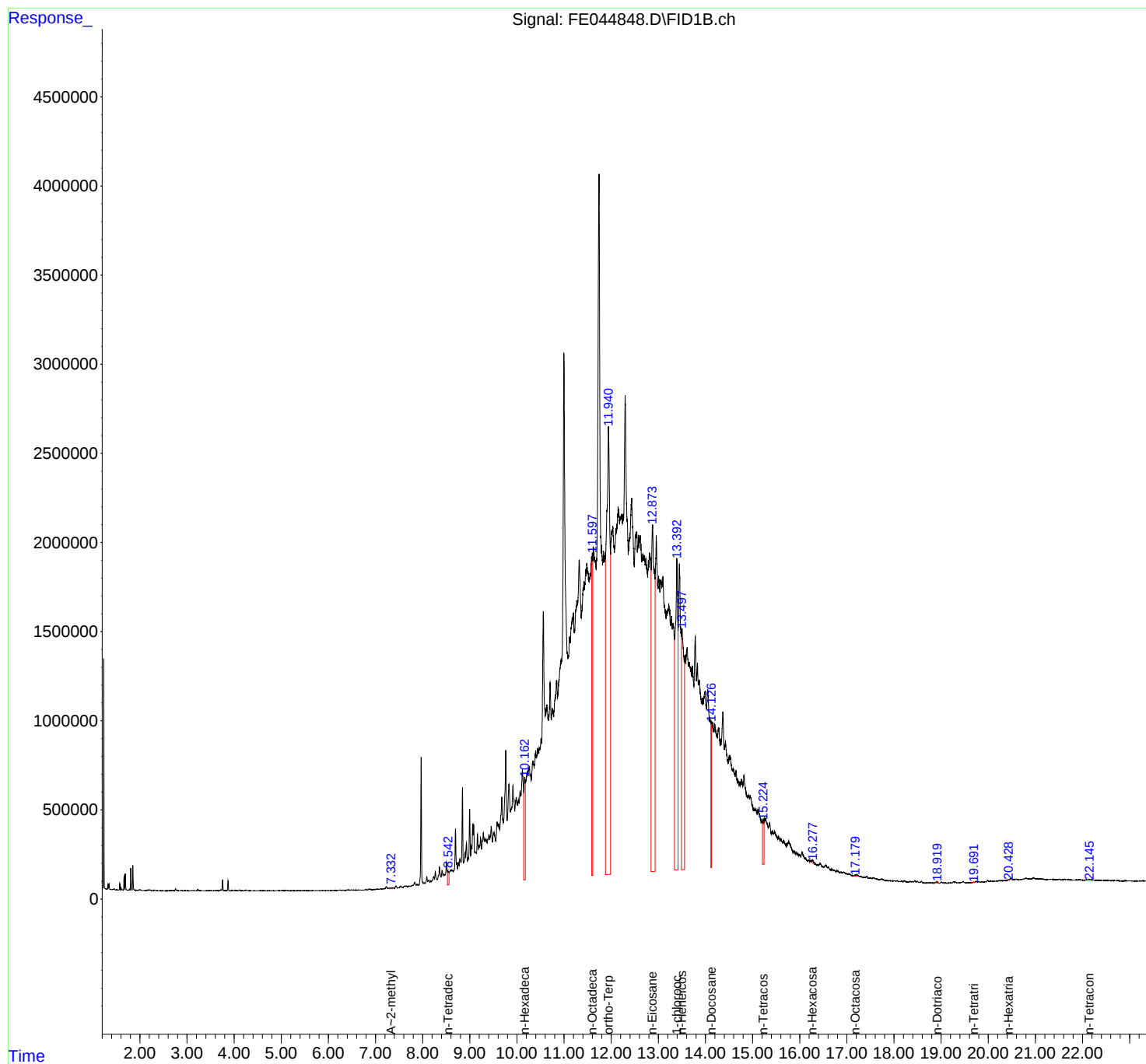
(f)=RT Delta > 1/2 Window

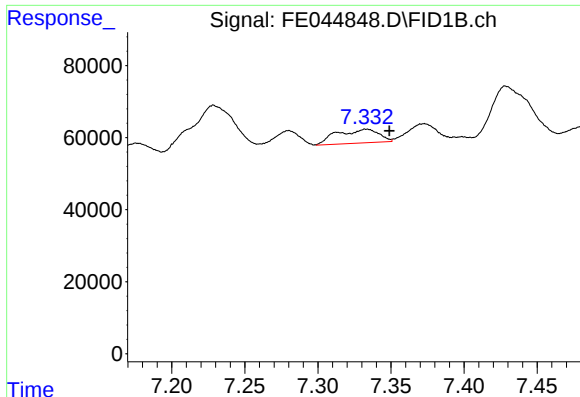
(m)=manual int.

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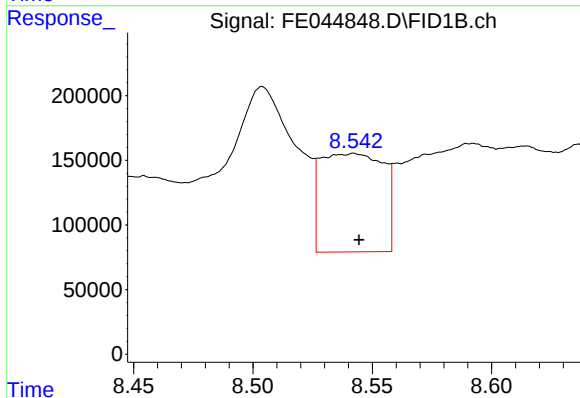
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





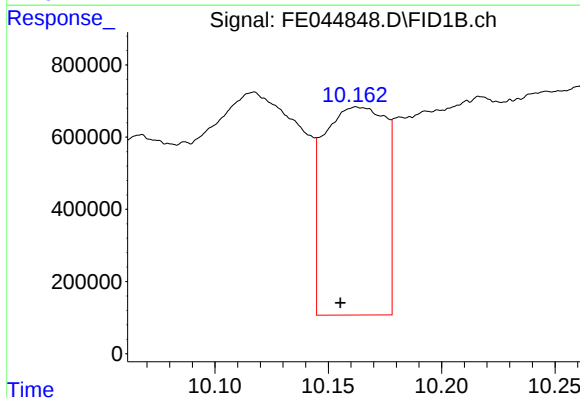
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.333 min
Delta R.T.: -0.016 min
Response: 76597
Conc: 0.42 ug/ml



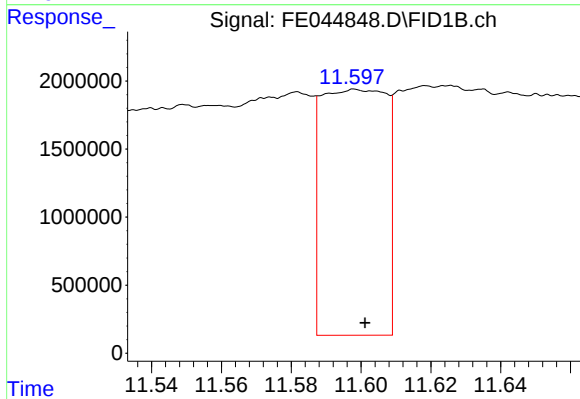
#6 n-Tetradecane (C14)

R.T.: 8.542 min
Delta R.T.: -0.002 min
Response: 1388960
Conc: 8.10 ug/ml



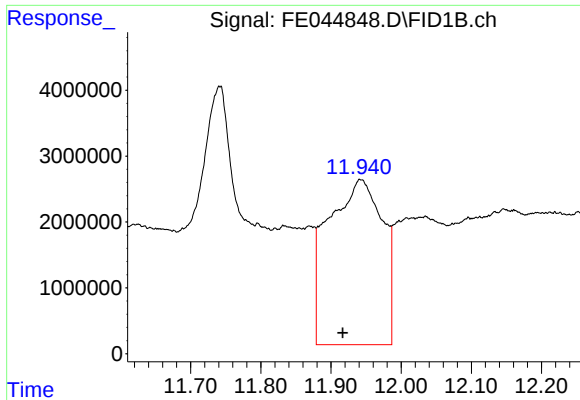
#7 n-Hexadecane (C16)

R.T.: 10.163 min
Delta R.T.: 0.007 min
Response: 10965156
Conc: 62.70 ug/ml



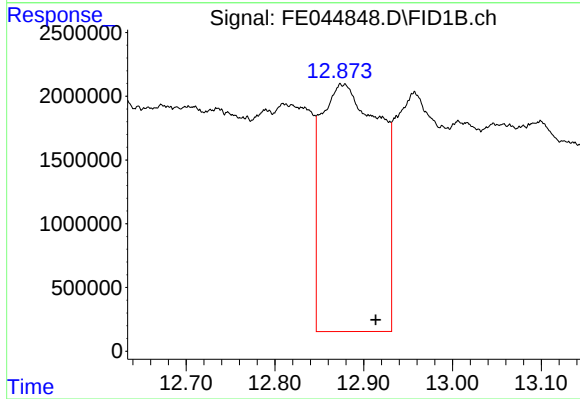
#8 n-Octadecane (C18)

R.T.: 11.598 min
Delta R.T.: -0.003 min
Response: 23218252
Conc: 133.12 ug/ml



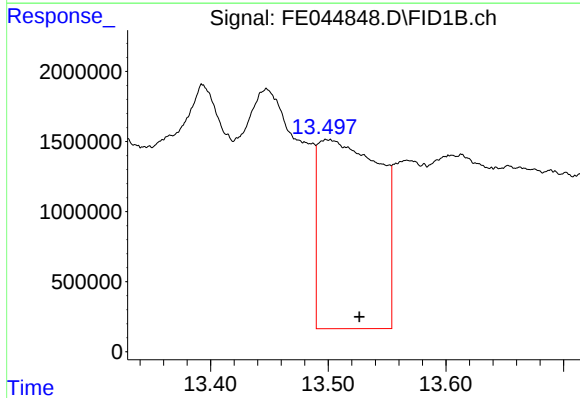
#9 ortho-Terphenyl (SURR)

R.T.: 11.941 min
Delta R.T.: 0.025 min
Response: 134670672
Conc: 671.79 ug/ml



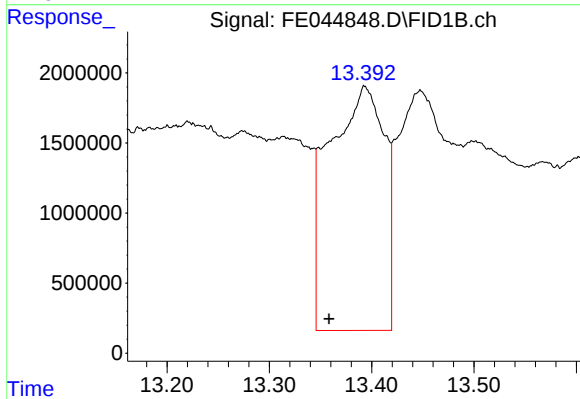
#10 n-Eicosane (C20)

R.T.: 12.874 min
Delta R.T.: -0.040 min
Response: 90023626
Conc: 538.97 ug/ml



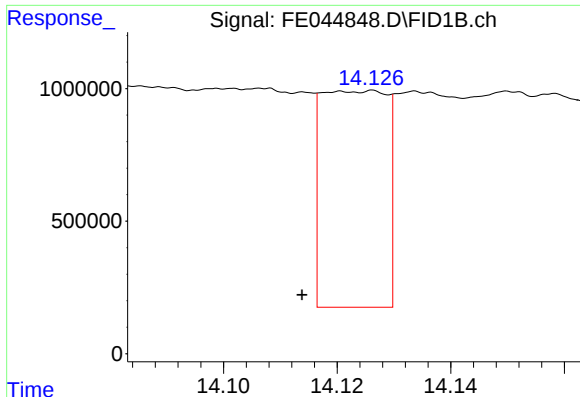
#11 n-Heneicosane (C21)

R.T.: 13.499 min
Delta R.T.: -0.027 min
Response: 48592334
Conc: 298.09 ug/ml



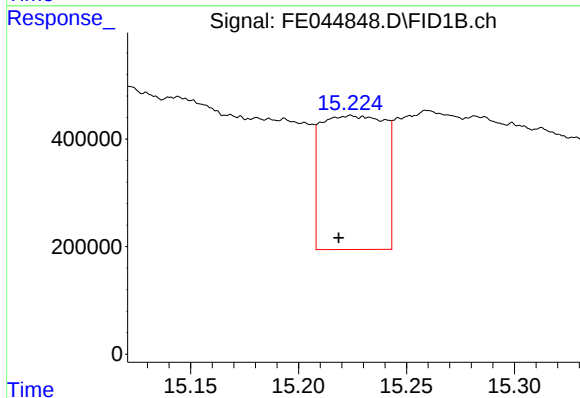
#12 1-chlorooctadecane (SURR)

R.T.: 13.393 min
Delta R.T.: 0.035 min
Response: 65144768
Conc: 440.21 ug/ml



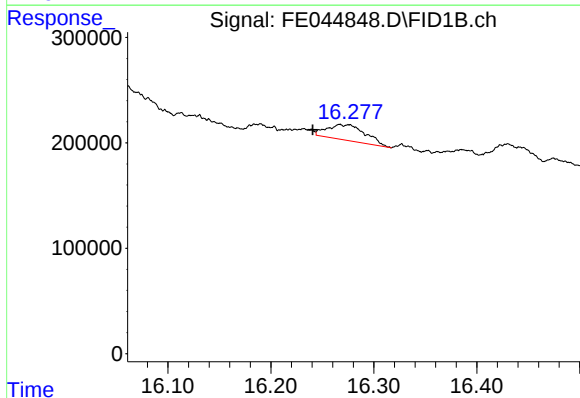
#13 n-Docosane (C22)

R.T.: 14.126 min
Delta R.T.: 0.012 min
Response: 6485194
Conc: 40.54 ug/ml



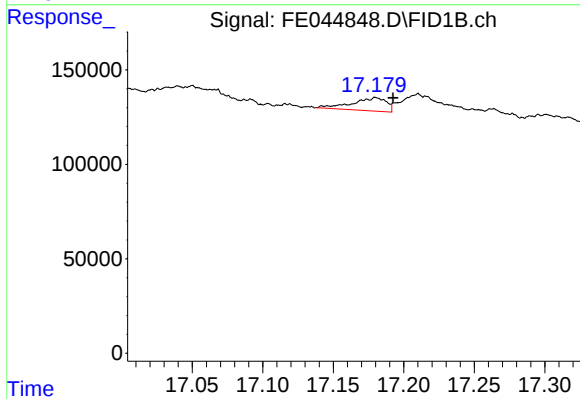
#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: 0.006 min
Response: 5105405
Conc: 32.90 ug/ml



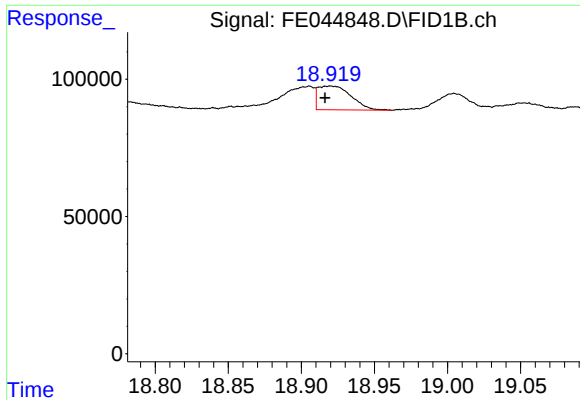
#15 n-Hexacosane (C26)

R.T.: 16.267 min
Delta R.T.: 0.026 min
Response: 380997
Conc: 2.54 ug/ml



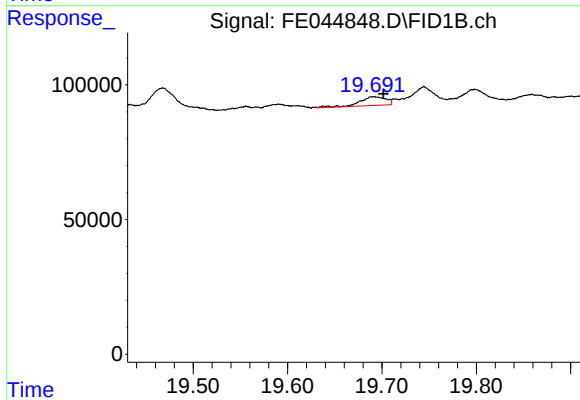
#16 n-Octacosane (C28)

R.T.: 17.180 min
Delta R.T.: -0.012 min
Response: 118480
Conc: 0.81 ug/ml



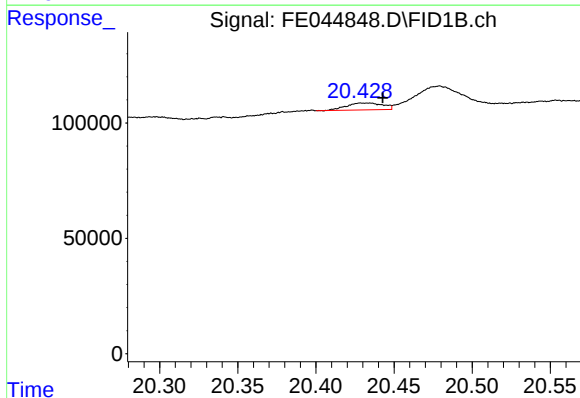
#18 n-Dotriacontane (C32)

R.T.: 18.919 min
Delta R.T.: 0.003 min
Response: 137398
Conc: 0.92 ug/ml



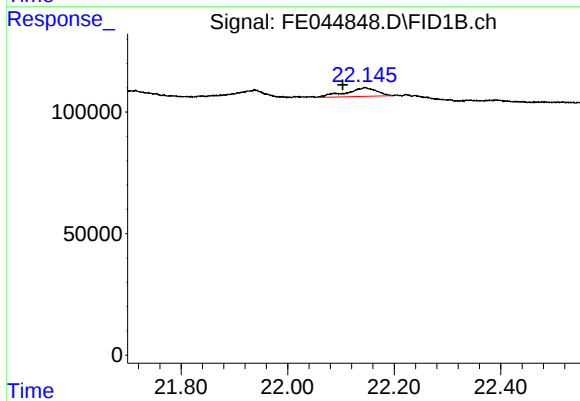
#19 n-Tetratriacontane (C34)

R.T.: 19.691 min
Delta R.T.: -0.010 min
Response: 64116
Conc: 0.43 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.429 min
Delta R.T.: -0.014 min
Response: 47872
Conc: 0.31 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.145 min
Delta R.T.: 0.042 min
Response: 140575
Conc: 0.84 ug/ml