

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102323AL\
 Data File : FE044973.D
 Signal(s) : FID1B.ch
 Acq On : 23 Oct 2023 07:59
 Operator : YP\AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 24 00:52:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.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)	11.895	215979	1.077 ug/ml
Spiked Amount 50.000		Recovery =	2.15%
12) S 1-chlorooctadecane (S...	13.317	131696	0.890 ug/ml
Spiked Amount 50.000		Recovery =	1.78%
Target Compounds			
10) T n-Eicosane (C20)	12.930	183830	1.101 ug/ml
11) T n-Heneicosane (C21)	13.501	319891	1.962 ug/ml
13) T n-Docosane (C22)	14.083	382213	2.390 ug/ml
14) T n-Tetracosane (C24)	15.199	652746	4.206 ug/ml
15) T n-Hexacosane (C26)	16.226	706932	4.709 ug/ml
16) T n-Octacosane (C28)	17.181	894968	6.095 ug/ml
17) T n-Tricontane (C30)	18.070	587922	3.953 ug/ml
18) T n-Dotriacontane (C32)	18.908	2205060	14.691 ug/ml
19) T n-Tetratriacontane (C34)	19.689	2236366	15.023 ug/ml
20) T n-Hexatriacontane (C36)	20.432	1670948	10.869 ug/ml
22) T n-Tetracontane (C40)	22.147	751776	4.498 ug/ml

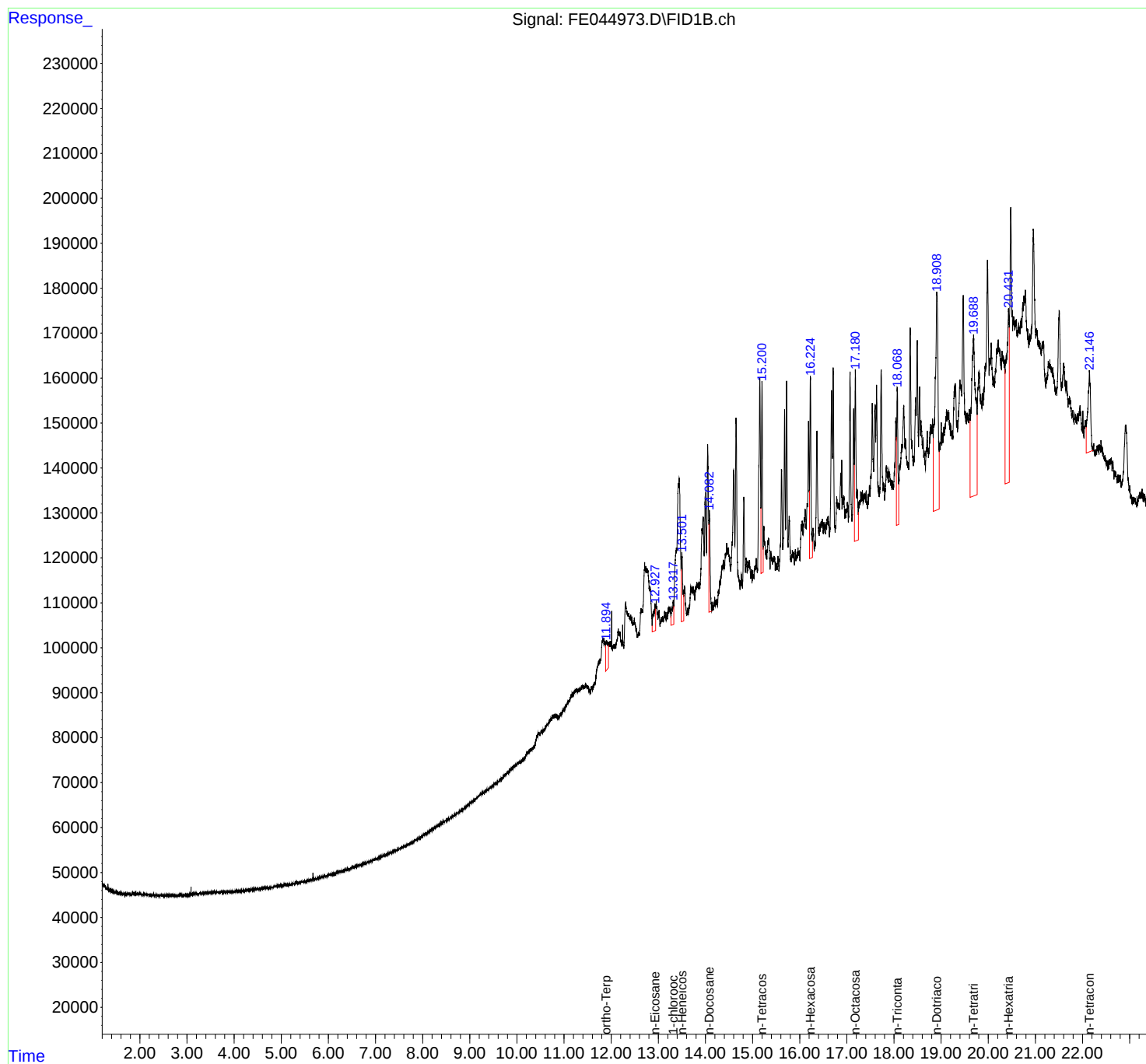
(f)=RT Delta > 1/2 Window

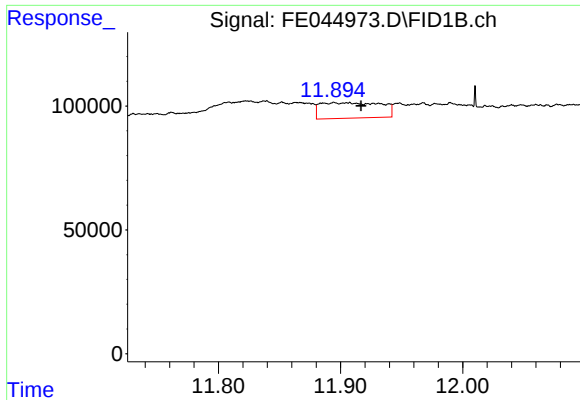
(m)=manual int.

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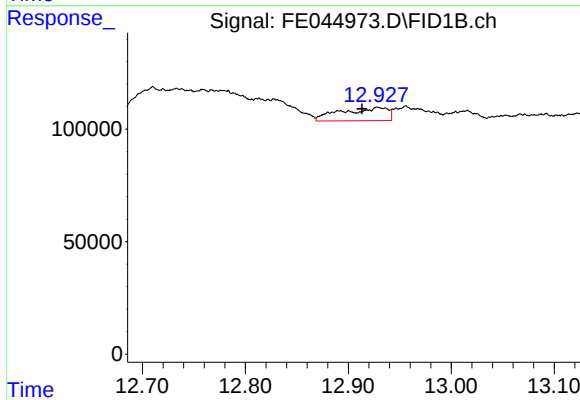
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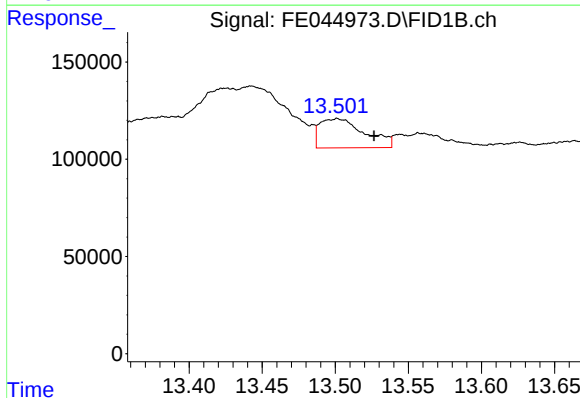
#9 ortho-Terphenyl (SURR)

R.T.: 11.895 min
Delta R.T.: -0.022 min
Response: 215979
Conc: 1.08 ug/ml



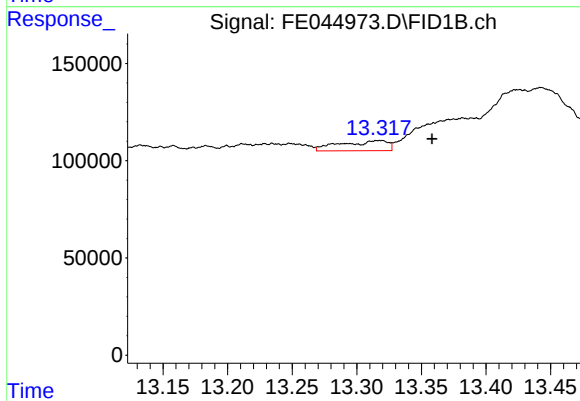
#10 n-Eicosane (C20)

R.T.: 12.930 min
Delta R.T.: 0.016 min
Response: 183830
Conc: 1.10 ug/ml



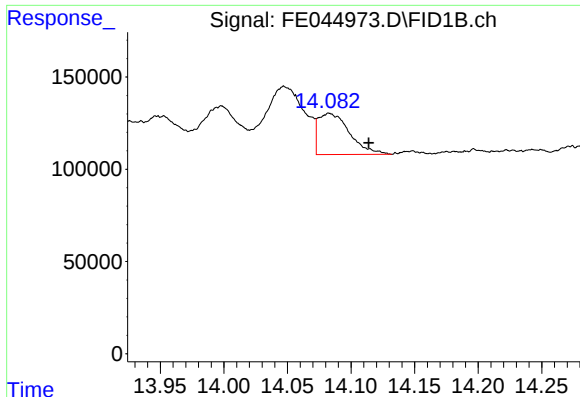
#11 n-Heneicosane (C21)

R.T.: 13.501 min
Delta R.T.: -0.025 min
Response: 319891
Conc: 1.96 ug/ml



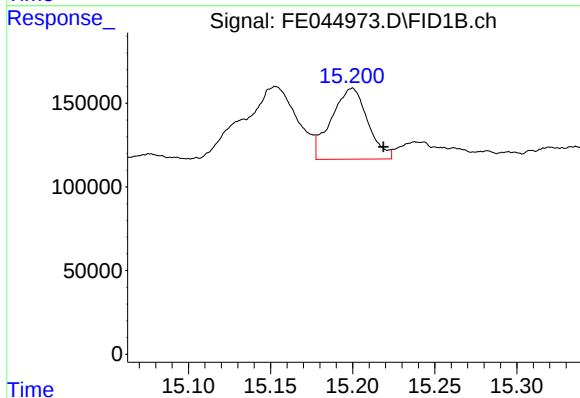
#12 1-chlorooctadecane (SURR)

R.T.: 13.317 min
Delta R.T.: -0.041 min
Response: 131696
Conc: 0.89 ug/ml



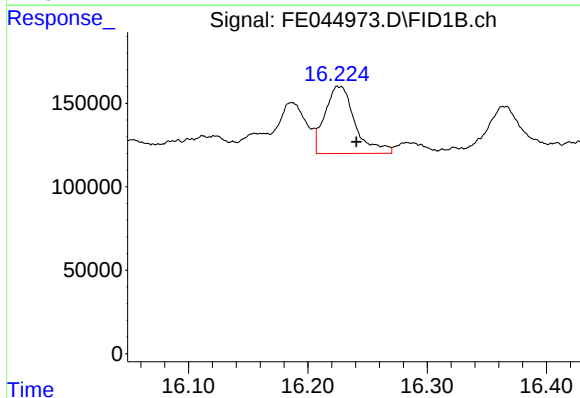
#13 n-Docosane (C22)

R.T.: 14.083 min
Delta R.T.: -0.031 min
Response: 382213
Conc: 2.39 ug/ml



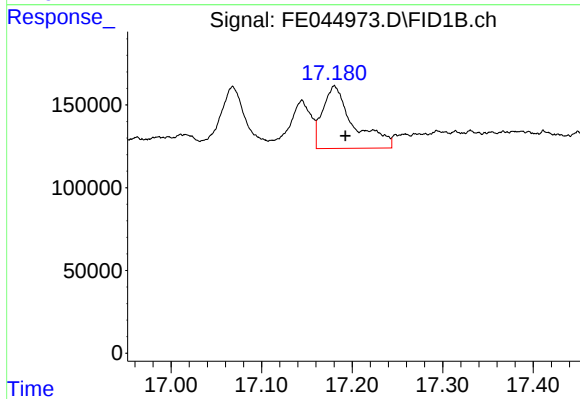
#14 n-Tetracosane (C24)

R.T.: 15.199 min
Delta R.T.: -0.019 min
Response: 652746
Conc: 4.21 ug/ml



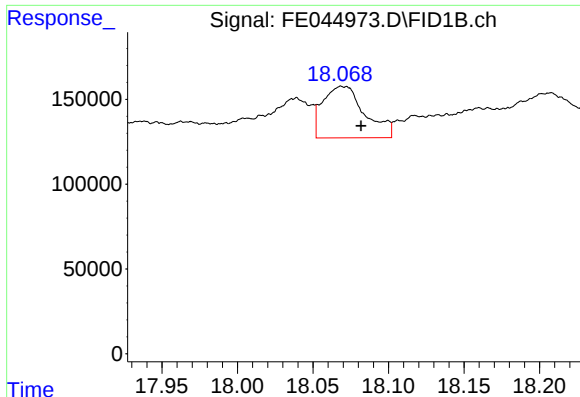
#15 n-Hexacosane (C26)

R.T.: 16.226 min
Delta R.T.: -0.014 min
Response: 706932
Conc: 4.71 ug/ml



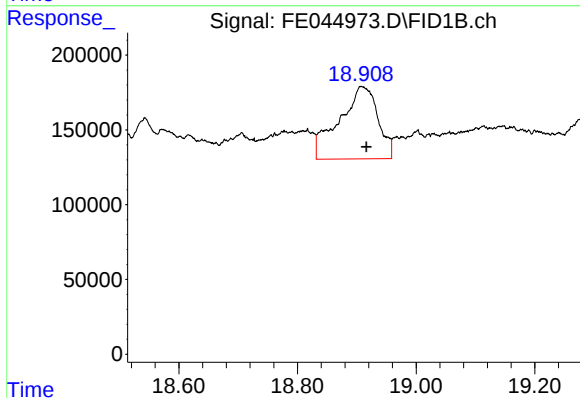
#16 n-Octacosane (C28)

R.T.: 17.181 min
Delta R.T.: -0.012 min
Response: 894968
Conc: 6.09 ug/ml



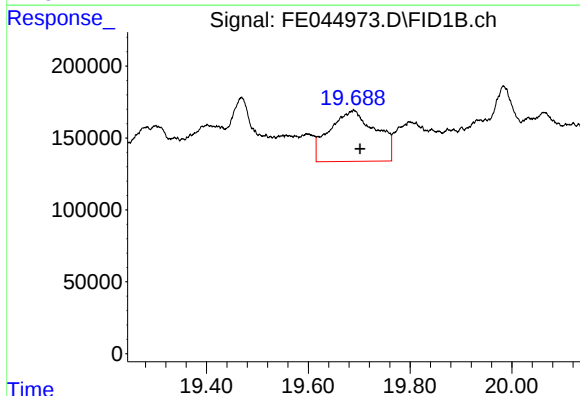
#17 n-Tricontane (C30)

R.T.: 18.070 min
Delta R.T.: -0.012 min
Response: 587922
Conc: 3.95 ug/ml



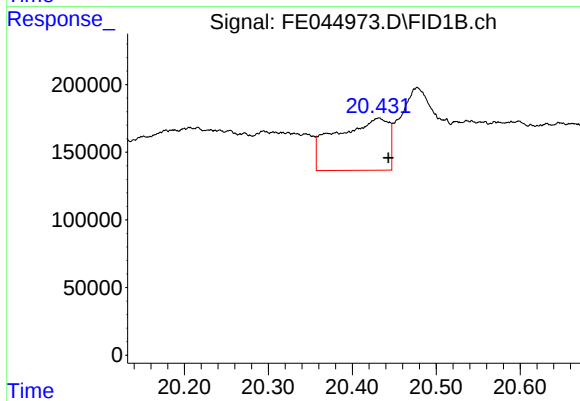
#18 n-Dotriacontane (C32)

R.T.: 18.908 min
Delta R.T.: -0.008 min
Response: 2205060
Conc: 14.69 ug/ml



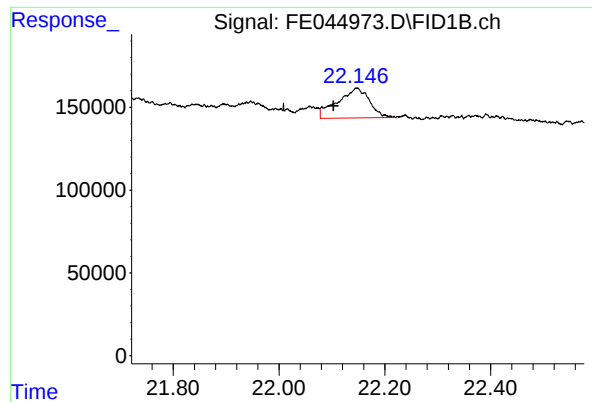
#19 n-Tetratriacontane (C34)

R.T.: 19.689 min
Delta R.T.: -0.012 min
Response: 2236366
Conc: 15.02 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.432 min
Delta R.T.: -0.011 min
Response: 1670948
Conc: 10.87 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.147 min
Delta R.T.: 0.044 min
Response: 751776
Conc: 4.50 ug/ml