

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072823AL\
 Data File : FE043588.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jul 2023 09:57
 Operator : YP\AJ
 Sample : 03791-01DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 28 12:33:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 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)	11.885	3024913	16.893 ug/ml
Spiked Amount 50.000		Recovery =	33.79%
12) S 1-chlorooctadecane (S...	13.365	207382	1.578 ug/ml
Spiked Amount 50.000		Recovery =	3.16%
Target Compounds			
6) T n-Tetradecane (C14)	8.516	134554	0.851 ug/ml
7) T n-Hexadecane (C16)	10.122	269339	1.664 ug/ml
8) T n-Octadecane (C18)	11.565	302754	1.857 ug/ml
10) T n-Eicosane (C20)	12.875	285123	1.835 ug/ml
11) T n-Heneicosane (C21)	13.488	169080	1.116 ug/ml
13) T n-Docosane (C22)	14.073	129338	0.865 ug/ml
14) T n-Tetracosane (C24)	15.174	233555	1.590 ug/ml
17) T n-Tricontane (C30)	18.036	135362	0.919 ug/ml
18) T n-Dotriacontane (C32)	18.866	138754	0.936 ug/ml

(f)=RT Delta > 1/2 Window

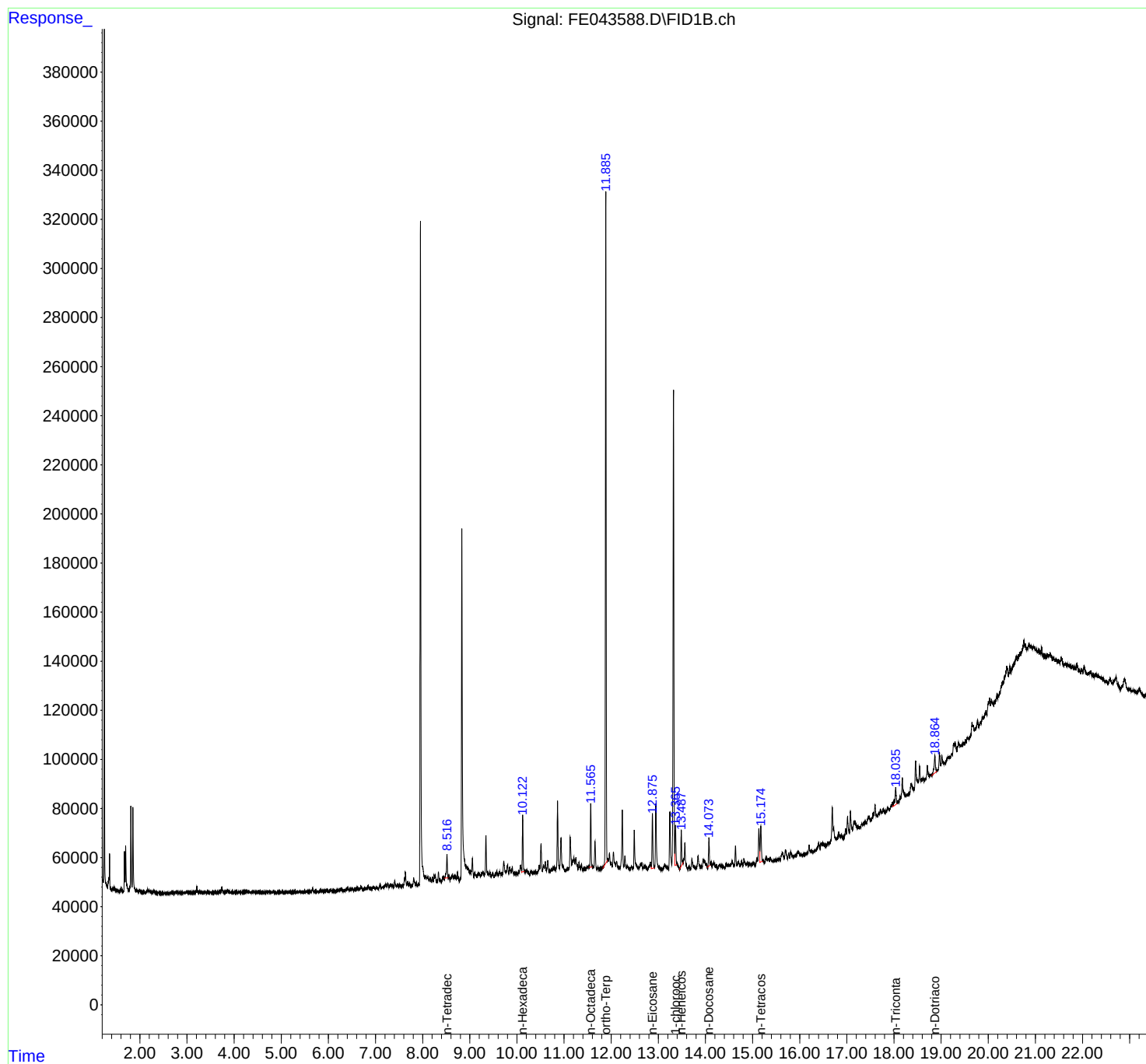
(m)=manual int.

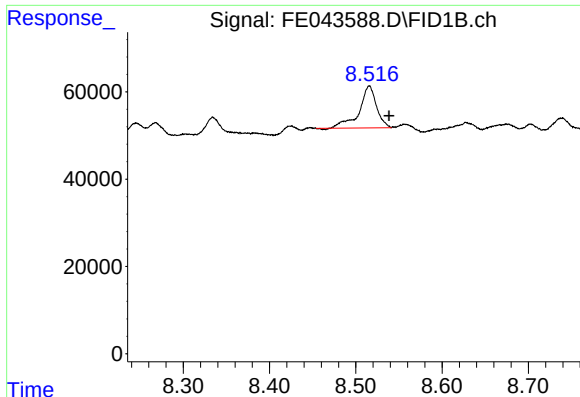
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Signal Info : 20M x 0.18mm x 0.18um

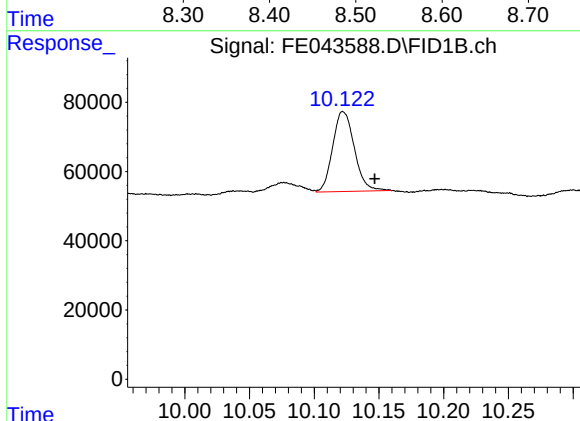




#6 n-Tetradecane (C14)

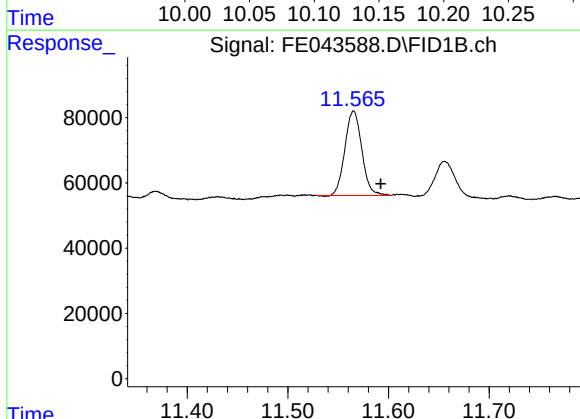
R.T.: 8.516 min
Delta R.T.: -0.023 min
Response: 134554
Conc: 0.85 ug/ml

Instrument :
FID_E
ClientSampleId :



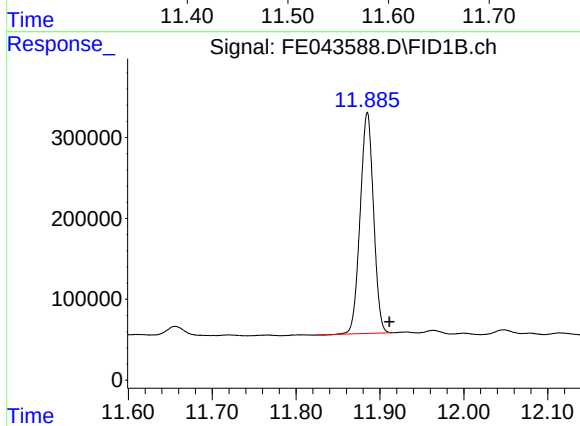
#7 n-Hexadecane (C16)

R.T.: 10.122 min
Delta R.T.: -0.025 min
Response: 269339
Conc: 1.66 ug/ml



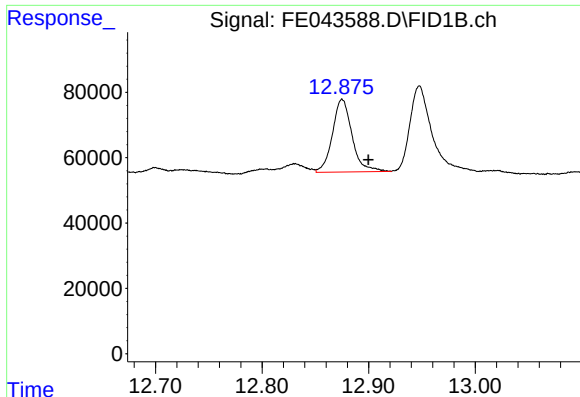
#8 n-Octadecane (C18)

R.T.: 11.565 min
Delta R.T.: -0.027 min
Response: 302754
Conc: 1.86 ug/ml



#9 ortho-Terphenyl (SURR)

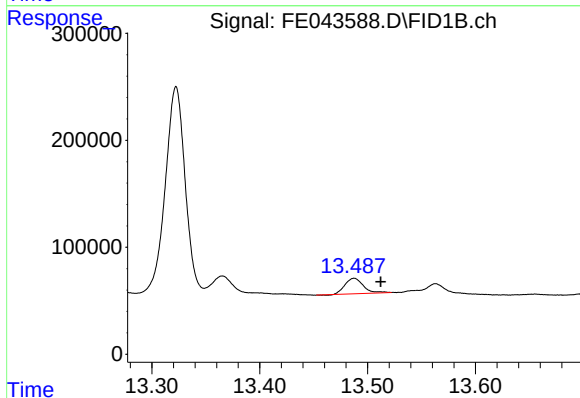
R.T.: 11.885 min
Delta R.T.: -0.026 min
Response: 3024913
Conc: 16.89 ug/ml



#10 n-Eicosane (C20)

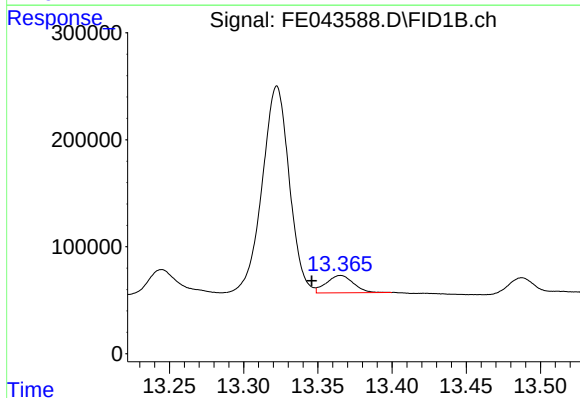
R.T.: 12.875 min
Delta R.T.: -0.025 min
Response: 285123
Conc: 1.84 ug/ml

Instrument :
FID_E
ClientSampleId :



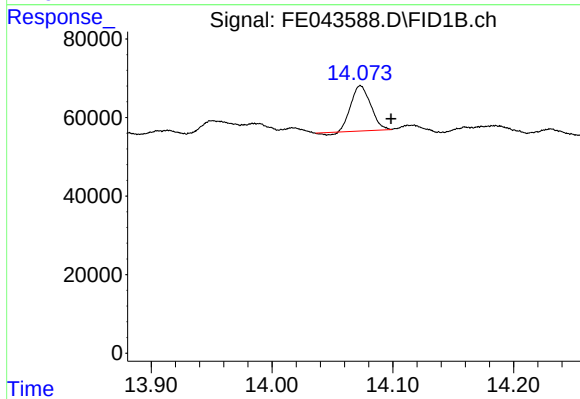
#11 n-Heneicosane (C21)

R.T.: 13.488 min
Delta R.T.: -0.025 min
Response: 169080
Conc: 1.12 ug/ml



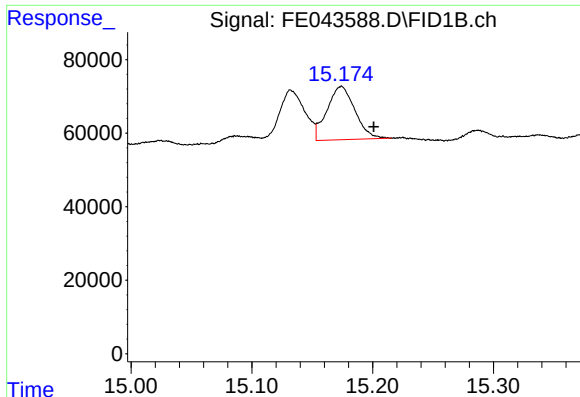
#12 1-chlorooctadecane (SURR)

R.T.: 13.365 min
Delta R.T.: 0.019 min
Response: 207382
Conc: 1.58 ug/ml



#13 n-Docosane (C22)

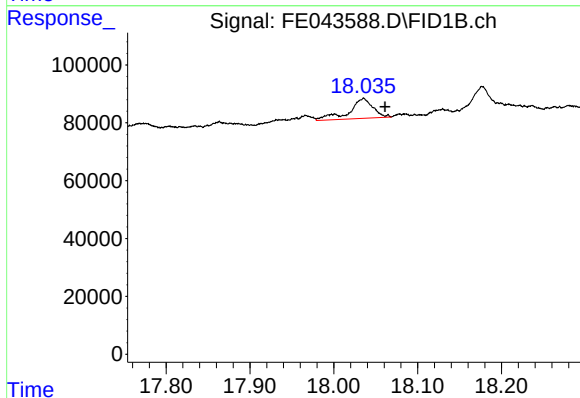
R.T.: 14.073 min
Delta R.T.: -0.025 min
Response: 129338
Conc: 0.87 ug/ml



#14 n-Tetracosane (C24)

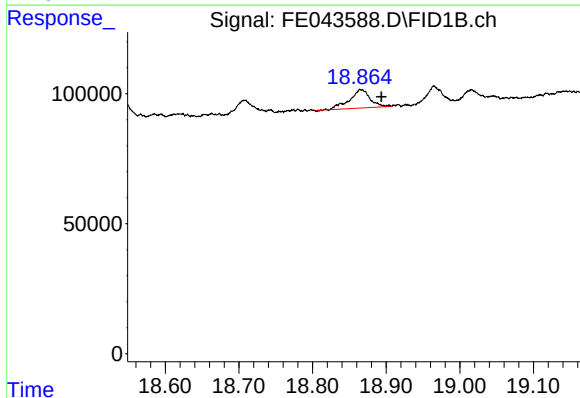
R.T.: 15.174 min
Delta R.T.: -0.027 min
Response: 233555
Conc: 1.59 ug/ml

Instrument :
FID_E
ClientSampleId :



#17 n-Tricontane (C30)

R.T.: 18.036 min
Delta R.T.: -0.025 min
Response: 135362
Conc: 0.92 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.866 min
Delta R.T.: -0.028 min
Response: 138754
Conc: 0.94 ug/ml