

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060823AL\
 Data File : FE042491.D
 Signal(s) : FID1B.ch
 Acq On : 08 Jun 2023 10:27
 Operator : YP\AJ
 Sample : 03049-03DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 08 13:15:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.988	404231	2.289 ug/ml
Spiked Amount 50.000		Recovery =	4.58%
12) S 1-chlorooctadecane (S...	13.385	4171697	31.395 ug/ml
Spiked Amount 50.000		Recovery =	62.79%
Target Compounds			
7) T n-Hexadecane (C16)	10.185	477123	3.063 ug/ml
8) T n-Octadecane (C18)	11.628	365831	2.313 ug/ml
10) T n-Eicosane (C20)	12.938	558360	3.684 ug/ml
11) T n-Heneicosane (C21)	13.551	38750	0.262 ug/ml
13) T n-Docosane (C22)	14.171	228761	1.560 ug/ml
14) T n-Tetracosane (C24)	15.227	1659980	11.499 ug/ml
16) T n-Octacosane (C28)	17.227	534545	3.993 ug/ml
17) T n-Tricontane (C30)	18.102	380722	2.820 ug/ml
18) T n-Dotriacontane (C32)	18.887f	313631	2.348 ug/ml

(f)=RT Delta > 1/2 Window

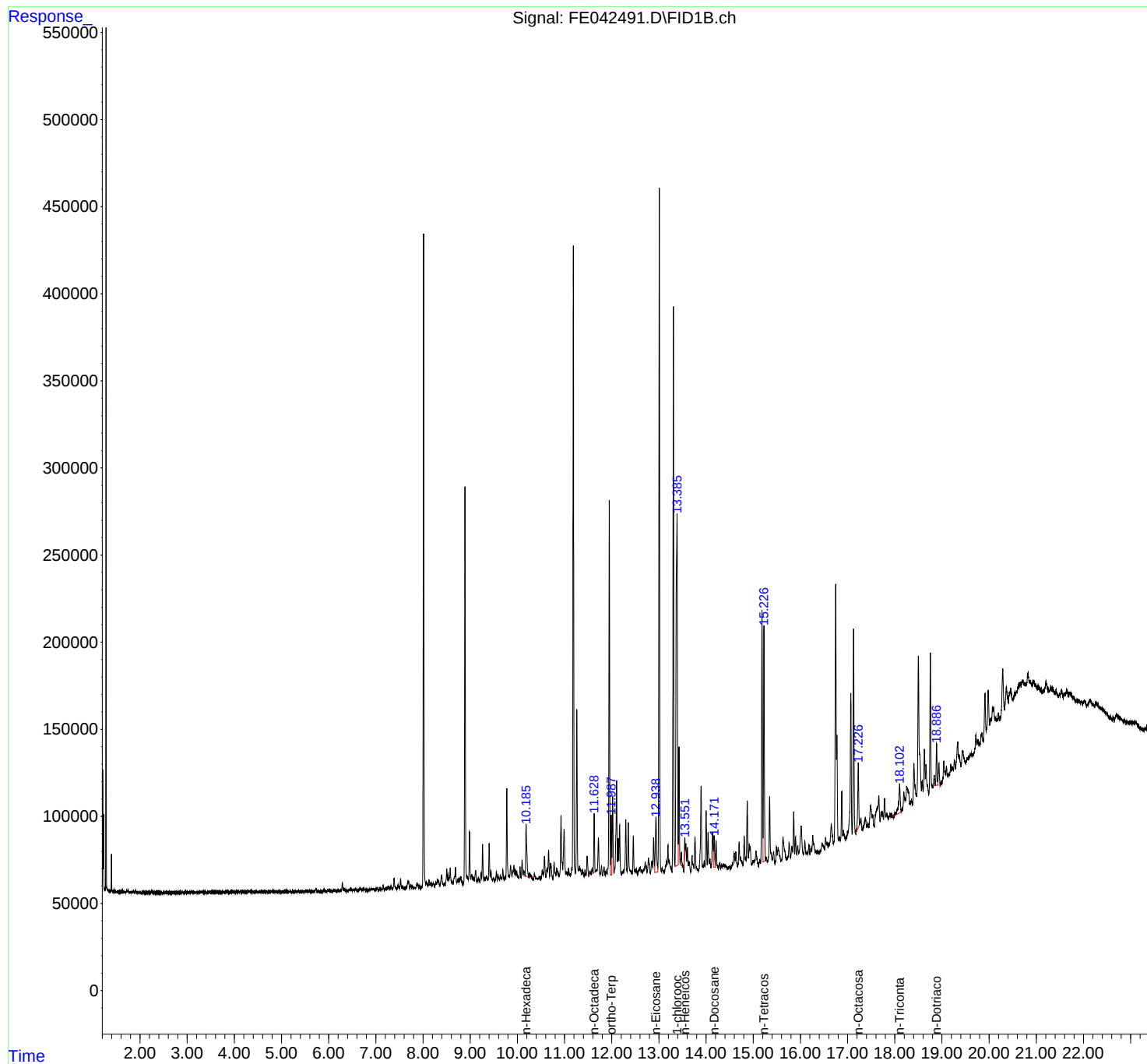
(m)=manual int.

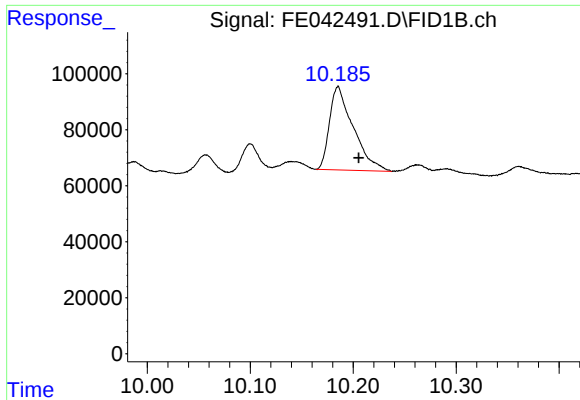
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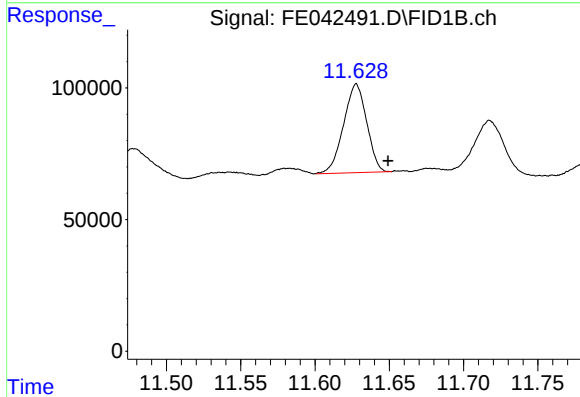




#7 n-Hexadecane (C16)

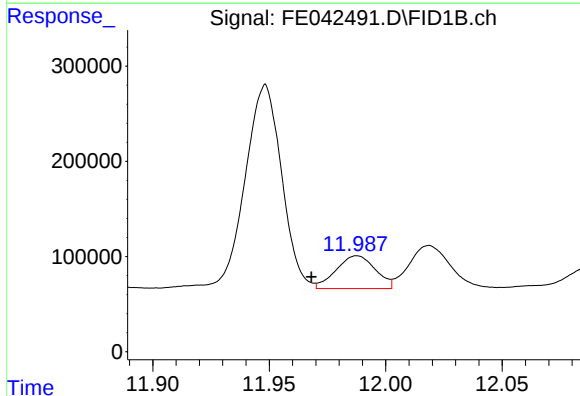
R.T.: 10.185 min
Delta R.T.: -0.020 min
Response: 477123
Conc: 3.06 ug/ml

Instrument :
FID_E
ClientSampleId :



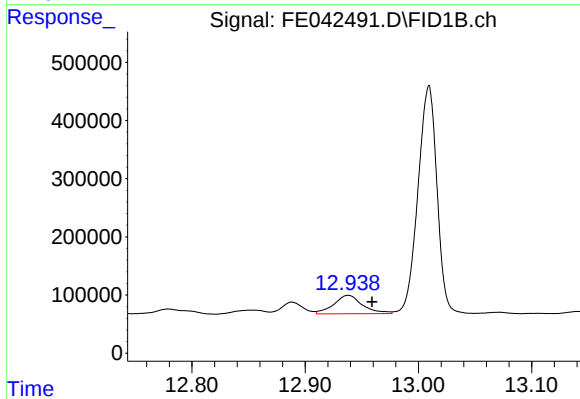
#8 n-Octadecane (C18)

R.T.: 11.628 min
Delta R.T.: -0.021 min
Response: 365831
Conc: 2.31 ug/ml



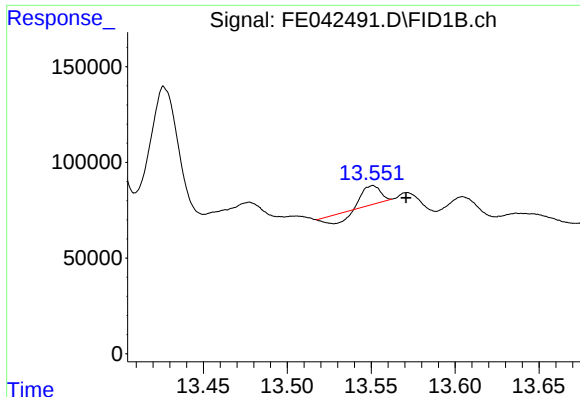
#9 ortho-Terphenyl (SURR)

R.T.: 11.988 min
Delta R.T.: 0.020 min
Response: 404231
Conc: 2.29 ug/ml



#10 n-Eicosane (C20)

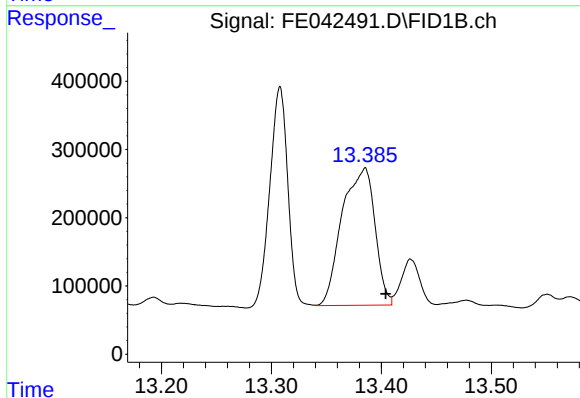
R.T.: 12.938 min
Delta R.T.: -0.021 min
Response: 558360
Conc: 3.68 ug/ml



#11 n-Heneicosane (C21)

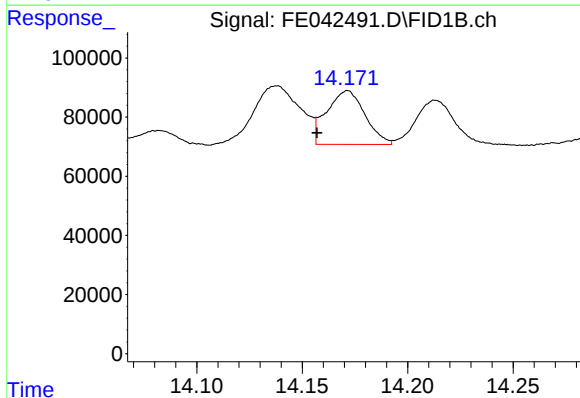
R.T.: 13.551 min
Delta R.T.: -0.020 min
Response: 38750
Conc: 0.26 ug/ml

Instrument :
FID_E
ClientSampleId :



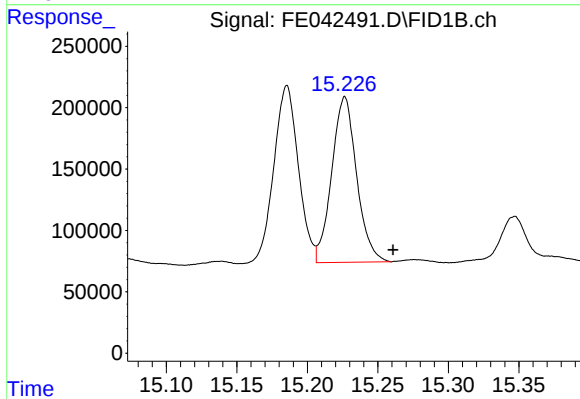
#12 1-chlorooctadecane (SURR)

R.T.: 13.385 min
Delta R.T.: -0.019 min
Response: 4171697
Conc: 31.39 ug/ml



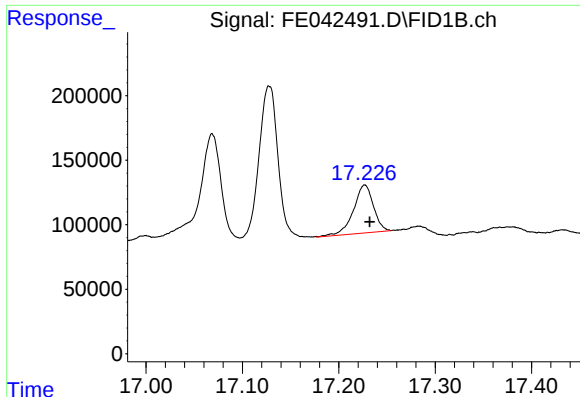
#13 n-Docosane (C22)

R.T.: 14.171 min
Delta R.T.: 0.014 min
Response: 228761
Conc: 1.56 ug/ml



#14 n-Tetracosane (C24)

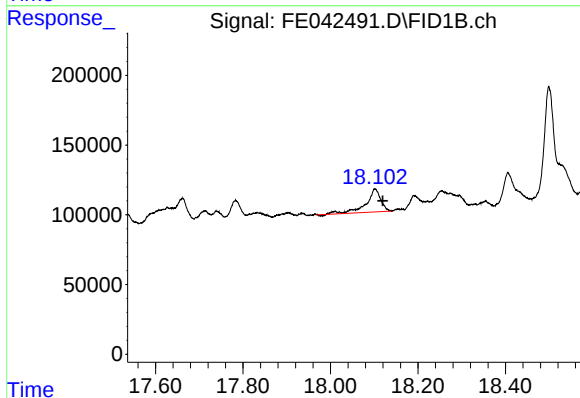
R.T.: 15.227 min
Delta R.T.: -0.034 min
Response: 1659980
Conc: 11.50 ug/ml



#16 n-Octacosane (C28)

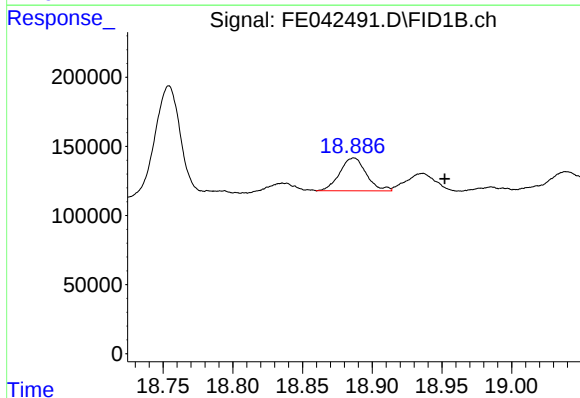
R.T.: 17.227 min
Delta R.T.: -0.005 min
Response: 534545
Conc: 3.99 ug/ml

Instrument :
FID_E
ClientSampleId :



#17 n-Tricontane (C30)

R.T.: 18.102 min
Delta R.T.: -0.018 min
Response: 380722
Conc: 2.82 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.887 min
Delta R.T.: -0.065 min
Response: 313631
Conc: 2.35 ug/ml