

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100423AL\
 Data File : FE044581.D
 Signal(s) : FID1B.ch
 Acq On : 04 Oct 2023 14:40
 Operator : YP\AJ
 Sample : 04700-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 05 00:17:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 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)	11.933	22467998	119.677 ug/ml
Spiked Amount 50.000		Recovery =	239.35%
12) S 1-chlorooctadecane (S...	13.373	16477144	121.117 ug/ml
Spiked Amount 50.000		Recovery =	242.23%
Target Compounds			
6) T n-Tetradecane (C14)	8.537	595104	3.625 ug/ml
7) T n-Hexadecane (C16)	10.168	3441062	20.312 ug/ml
8) T n-Octadecane (C18)	11.611	5536017	32.605 ug/ml
10) T n-Eicosane (C20)	12.928	8336465	51.815 ug/ml
11) T n-Heneicosane (C21)	13.544	4251325	27.150 ug/ml
13) T n-Docosane (C22)	14.118	918708	5.957 ug/ml
14) T n-Tetracosane (C24)	15.197	518018	3.427 ug/ml
16) T n-Octacosane (C28)	17.190	177513	1.238 ug/ml
18) T n-Dotriacontane (C32)	18.910	96593	0.652 ug/ml

(f)=RT Delta > 1/2 Window

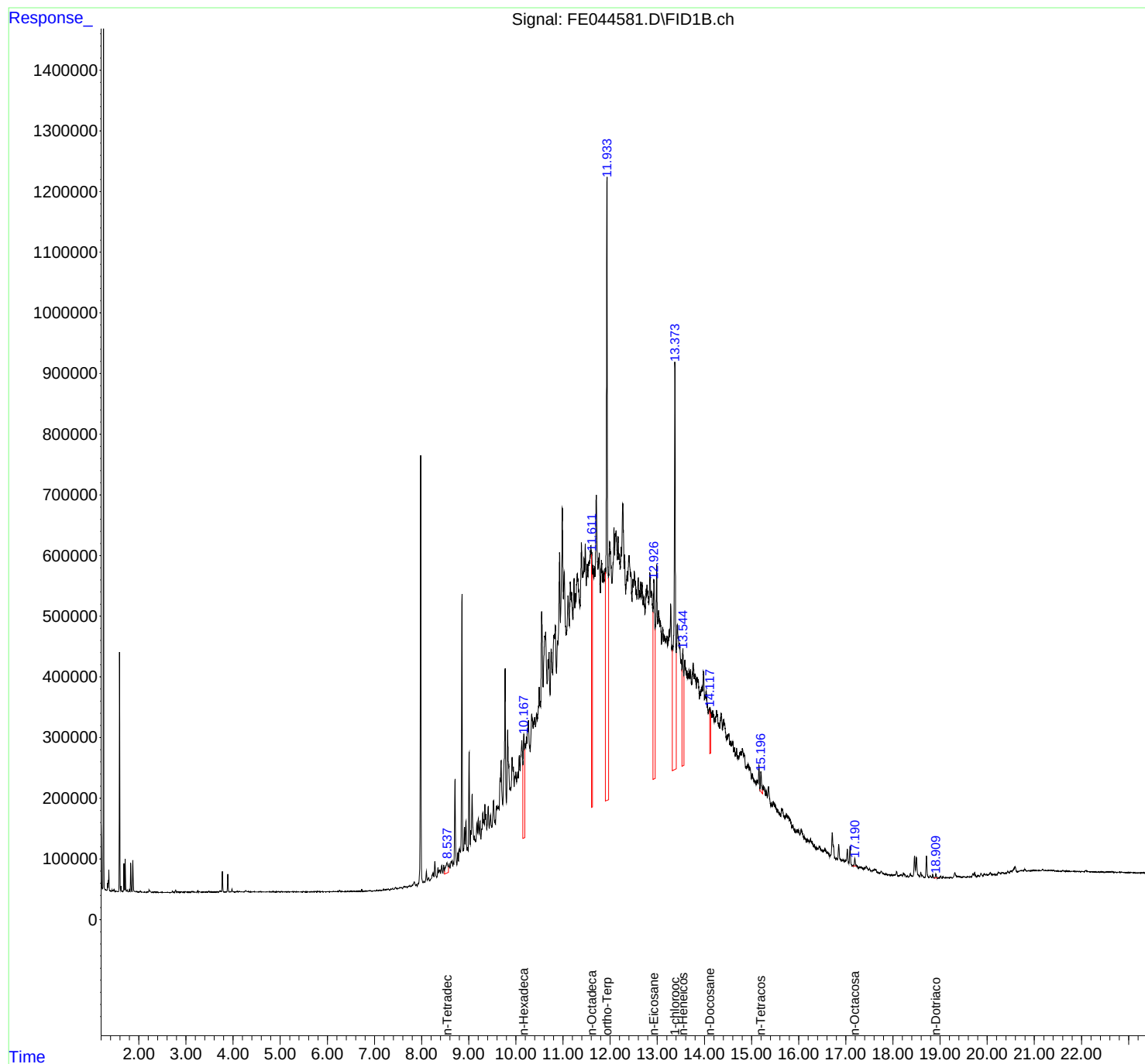
(m)=manual int.

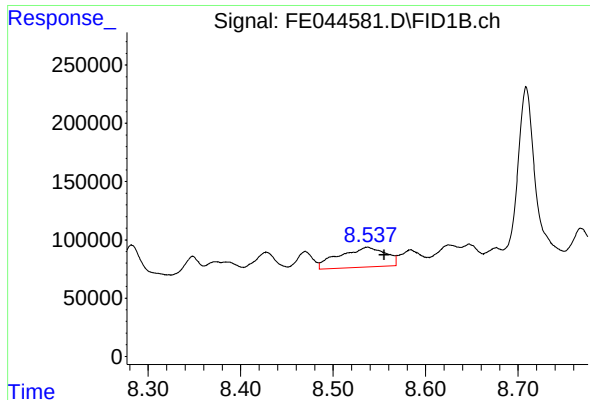
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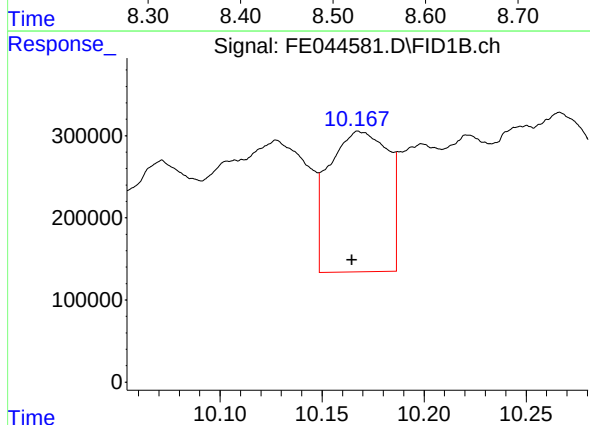




#6 n-Tetradecane (C14)

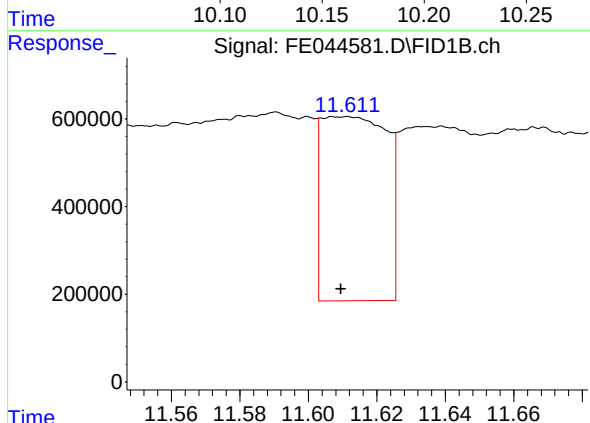
R.T.: 8.537 min
Delta R.T.: -0.018 min
Response: 595104
Conc: 3.62 ug/ml

Instrument :
FID_E
ClientSampleId :



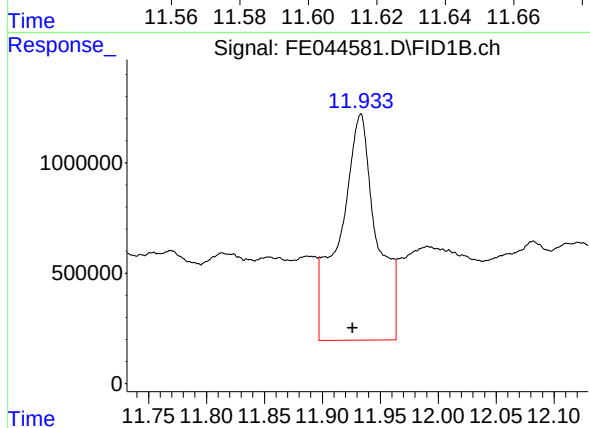
#7 n-Hexadecane (C16)

R.T.: 10.168 min
Delta R.T.: 0.003 min
Response: 3441062
Conc: 20.31 ug/ml



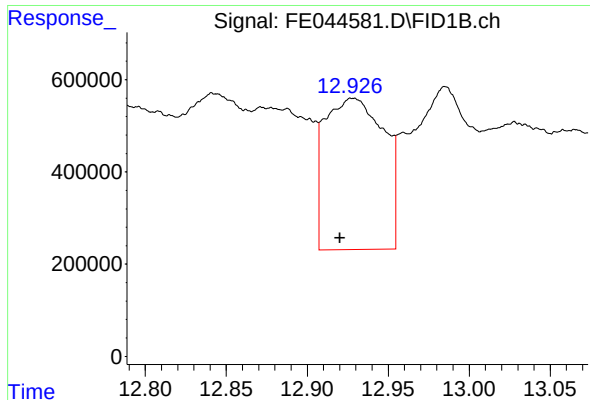
#8 n-Octadecane (C18)

R.T.: 11.611 min
Delta R.T.: 0.002 min
Response: 5536017
Conc: 32.61 ug/ml



#9 ortho-Terphenyl (SURR)

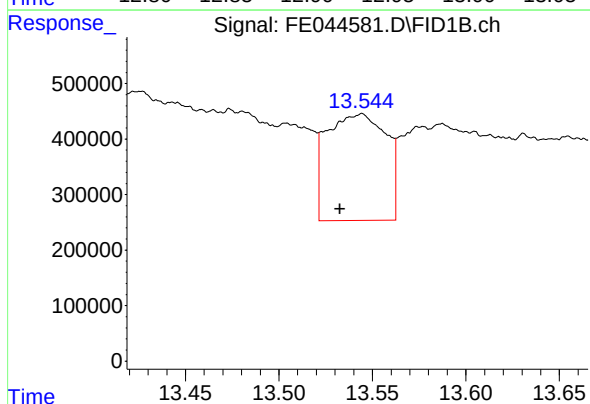
R.T.: 11.933 min
Delta R.T.: 0.007 min
Response: 22467998
Conc: 119.68 ug/ml



#10 n-Eicosane (C20)

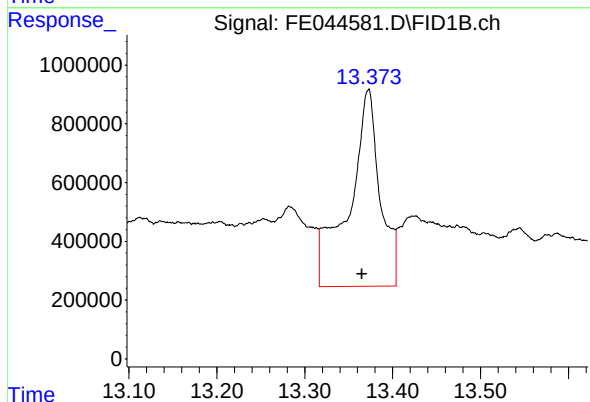
R.T.: 12.928 min
Delta R.T.: 0.008 min
Response: 8336465
Conc: 51.81 ug/ml

Instrument :
FID_E
ClientSampleId :



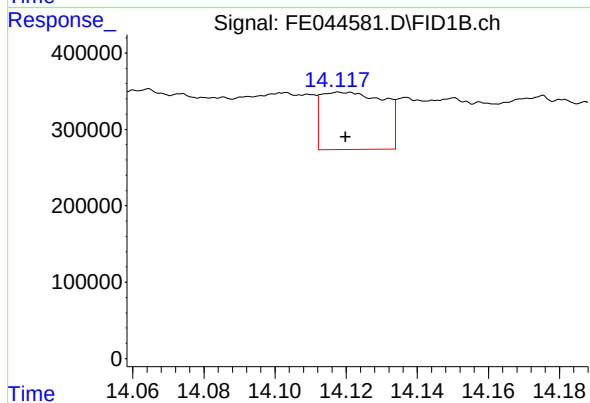
#11 n-Heneicosane (C21)

R.T.: 13.544 min
Delta R.T.: 0.012 min
Response: 4251325
Conc: 27.15 ug/ml



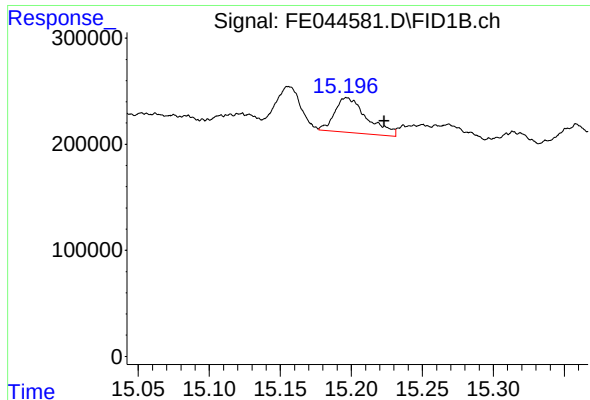
#12 1-chlorooctadecane (SURR)

R.T.: 13.373 min
Delta R.T.: 0.007 min
Response: 16477144
Conc: 121.12 ug/ml



#13 n-Docosane (C22)

R.T.: 14.118 min
Delta R.T.: -0.001 min
Response: 918708
Conc: 5.96 ug/ml



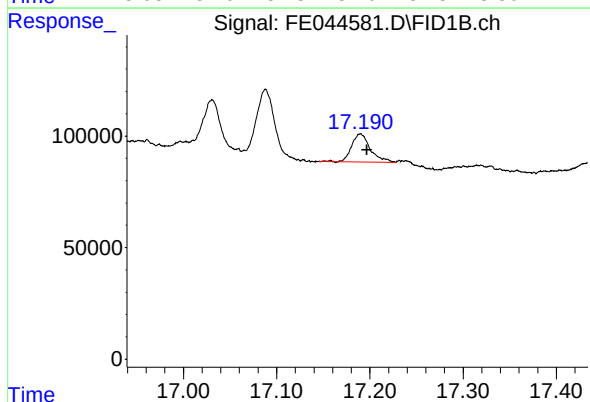
#14 n-Tetracosane (C24)

R.T.: 15.197 min
Delta R.T.: -0.027 min
Response: 518018
Conc: 3.43 ug/ml

Instrument :

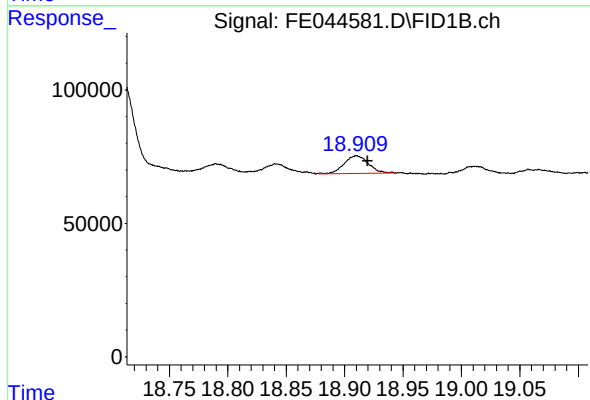
FID_E

ClientSampleId :



#16 n-Octacosane (C28)

R.T.: 17.190 min
Delta R.T.: -0.007 min
Response: 177513
Conc: 1.24 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: -0.010 min
Response: 96593
Conc: 0.65 ug/ml