

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060523AL\
 Data File : FE042377.D
 Signal(s) : FID1B.ch
 Acq On : 05 Jun 2023 12:02
 Operator : YP\AJ
 Sample : 03006-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 05 13:37:34 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)	11.960	6148944	34.823 ug/ml
Spiked Amount 50.000		Recovery =	69.65%
12) S 1-chlorooctadecane (S...	13.396	4858833	36.566 ug/ml
Spiked Amount 50.000		Recovery =	73.13%
Target Compounds			
6) T n-Tetradecane (C14)	8.584	288489	1.926 ug/ml
7) T n-Hexadecane (C16)	10.193	396053	2.543 ug/ml
8) T n-Octadecane (C18)	11.636	377674	2.388 ug/ml
10) T n-Eicosane (C20)	12.947	376518	2.484 ug/ml
11) T n-Heneicosane (C21)	13.559	220066	1.485 ug/ml
13) T n-Docosane (C22)	14.146	182094	1.242 ug/ml
14) T n-Tetracosane (C24)	15.237	370988	2.570 ug/ml
16) T n-Octacosane (C28)	17.246	279374	2.087 ug/ml
17) T n-Tricontane (C30)	18.115	686010	5.082 ug/ml
18) T n-Dotriacontane (C32)	18.948	258922	1.938 ug/ml
19) T n-Tetratriacontane (C34)	19.736	278782	2.120 ug/ml
20) T n-Hexatriacontane (C36)	20.469	723650	5.568 ug/ml
22) T n-Tetracontane (C40)	22.167	418731	3.010 ug/ml

(f)=RT Delta > 1/2 Window

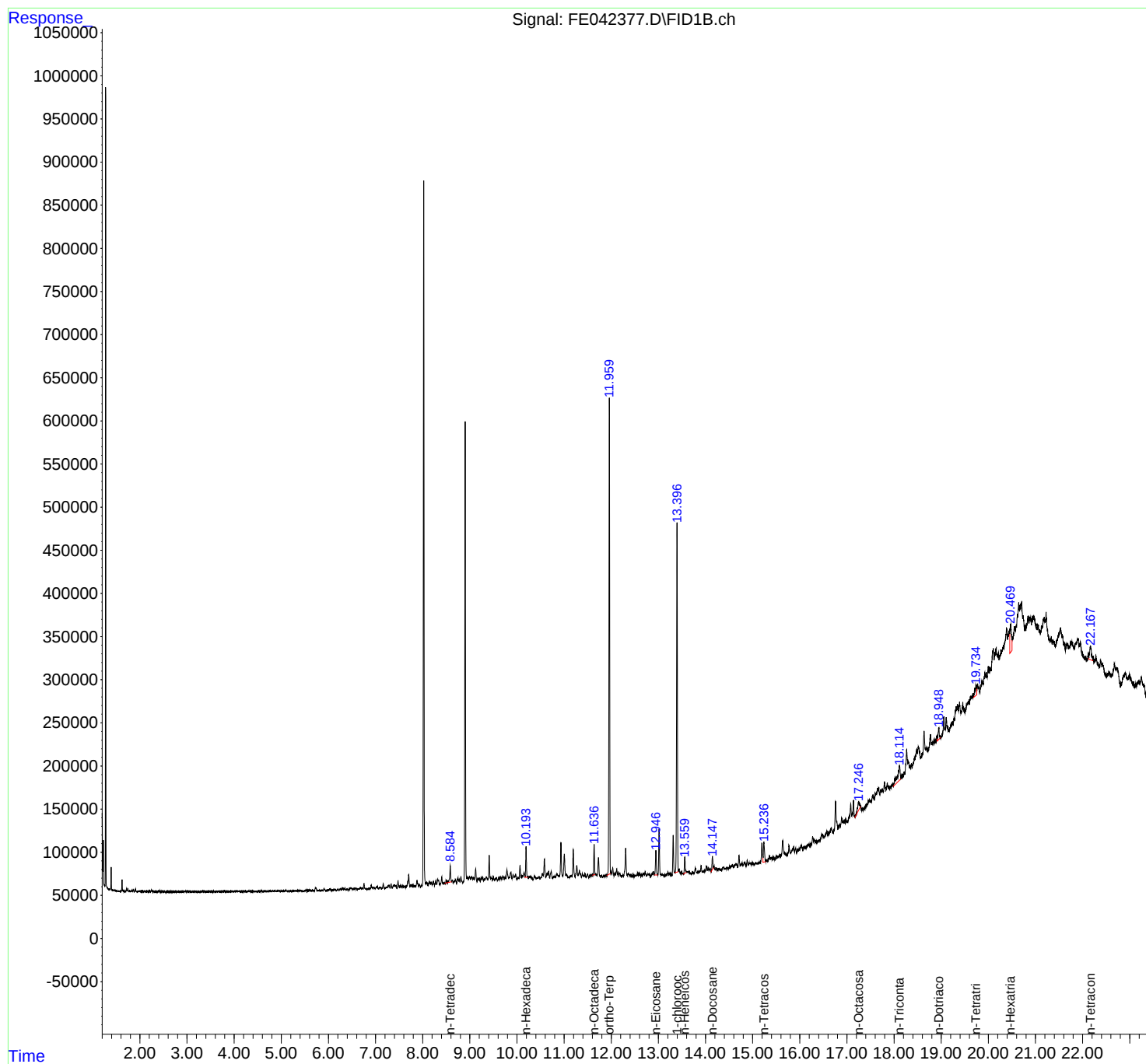
(m)=manual int.

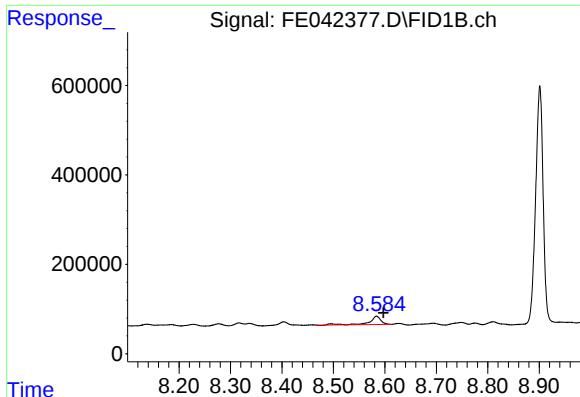
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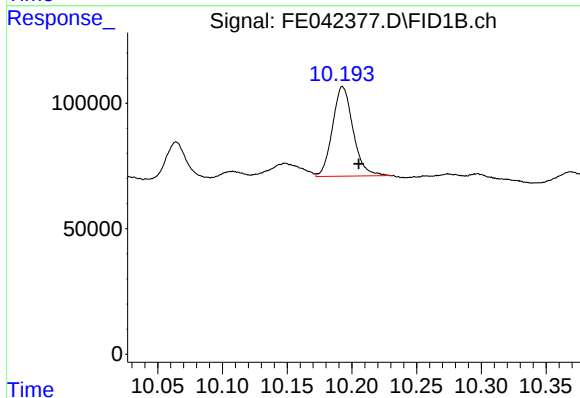




#6 n-Tetradecane (C14)

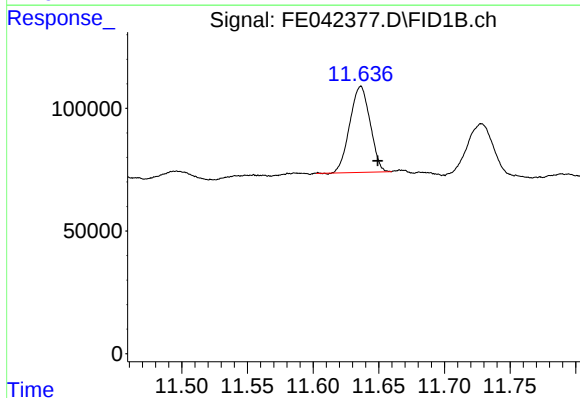
R.T.: 8.584 min
Delta R.T.: -0.013 min
Response: 288489
Conc: 1.93 ug/ml

Instrument :
FID_E
ClientSampleId :



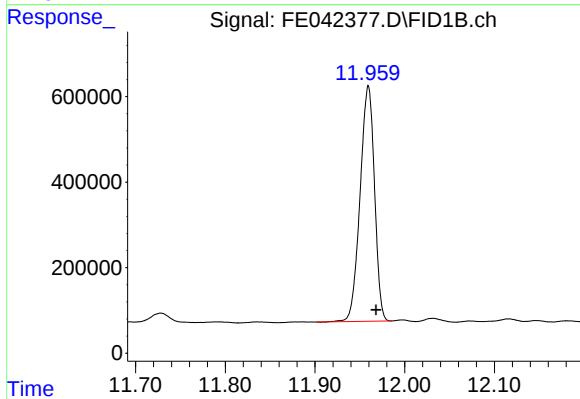
#7 n-Hexadecane (C16)

R.T.: 10.193 min
Delta R.T.: -0.012 min
Response: 396053
Conc: 2.54 ug/ml



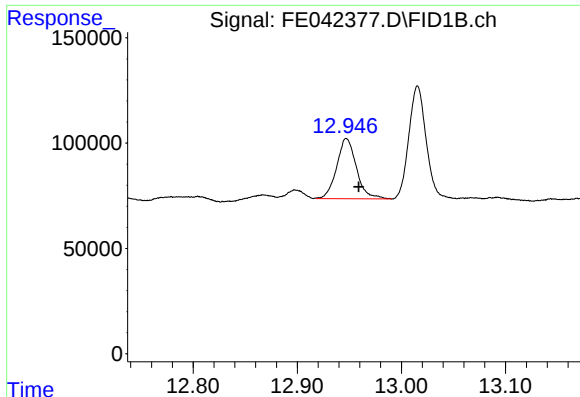
#8 n-Octadecane (C18)

R.T.: 11.636 min
Delta R.T.: -0.013 min
Response: 377674
Conc: 2.39 ug/ml



#9 ortho-Terphenyl (SURR)

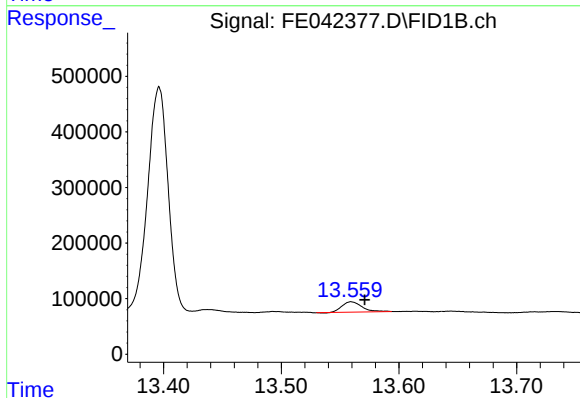
R.T.: 11.960 min
Delta R.T.: -0.009 min
Response: 6148944
Conc: 34.82 ug/ml



#10 n-Eicosane (C20)

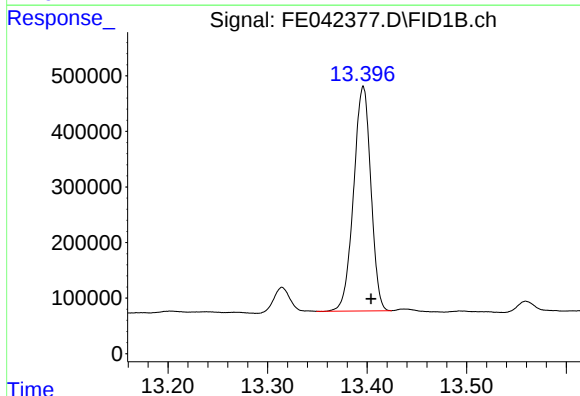
R.T.: 12.947 min
Delta R.T.: -0.012 min
Response: 376518
Conc: 2.48 ug/ml

Instrument :
FID_E
ClientSampleId :



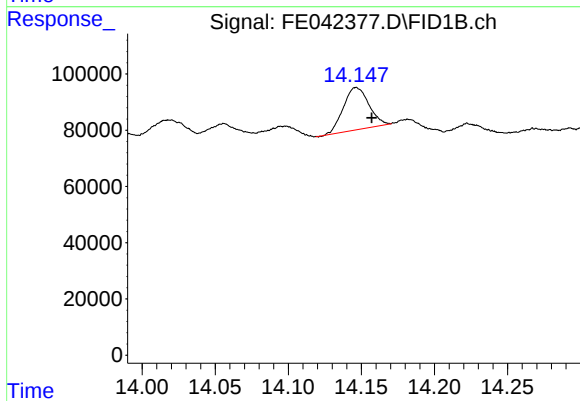
#11 n-Heneicosane (C21)

R.T.: 13.559 min
Delta R.T.: -0.011 min
Response: 220066
Conc: 1.49 ug/ml



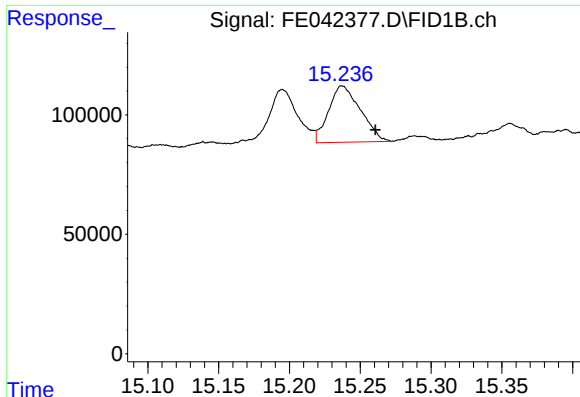
#12 1-chlorooctadecane (SURR)

R.T.: 13.396 min
Delta R.T.: -0.008 min
Response: 4858833
Conc: 36.57 ug/ml



#13 n-Docosane (C22)

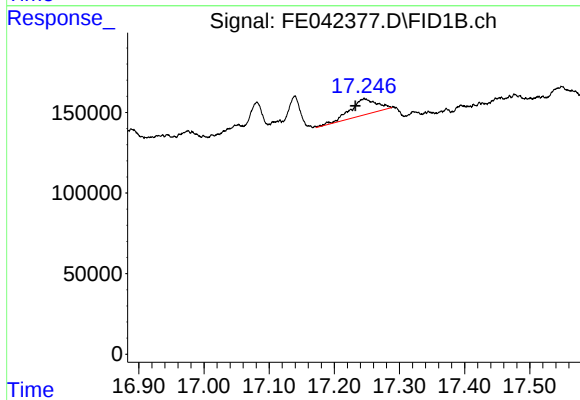
R.T.: 14.146 min
Delta R.T.: -0.011 min
Response: 182094
Conc: 1.24 ug/ml



#14 n-Tetracosane (C24)

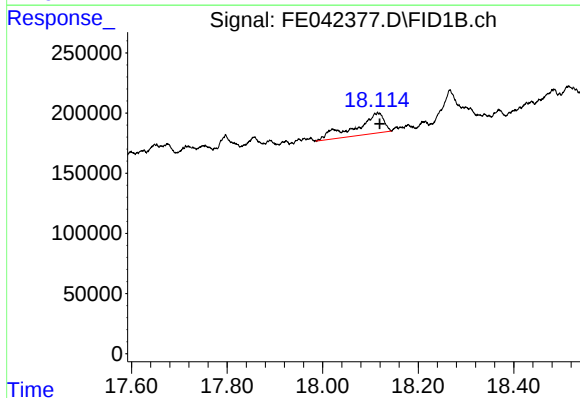
R.T.: 15.237 min
Delta R.T.: -0.023 min
Response: 370988
Conc: 2.57 ug/ml

Instrument :
FID_E
ClientSampleId :



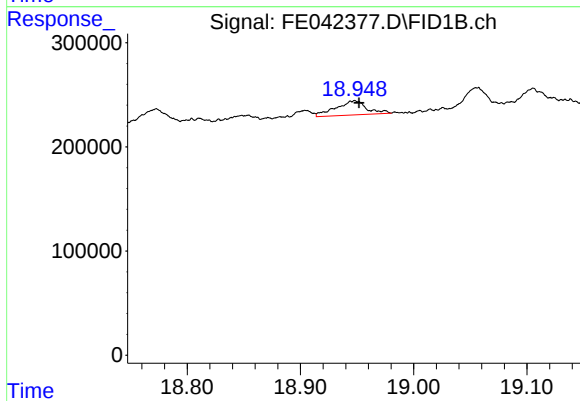
#16 n-Octacosane (C28)

R.T.: 17.246 min
Delta R.T.: 0.014 min
Response: 279374
Conc: 2.09 ug/ml



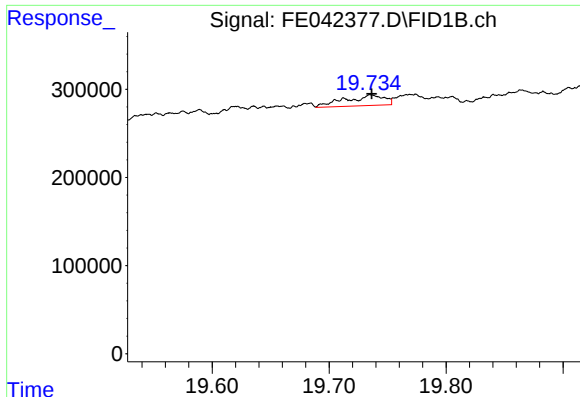
#17 n-Tricontane (C30)

R.T.: 18.115 min
Delta R.T.: -0.004 min
Response: 686010
Conc: 5.08 ug/ml



#18 n-Dotriacontane (C32)

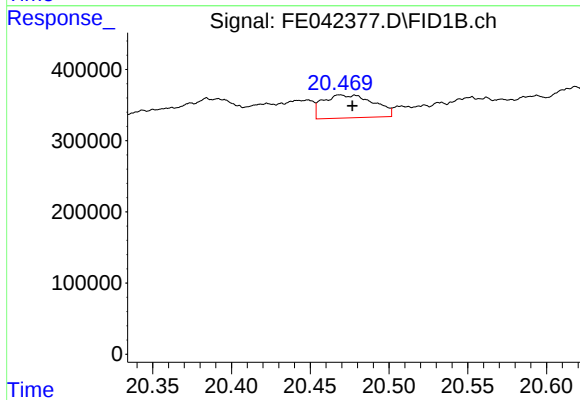
R.T.: 18.948 min
Delta R.T.: -0.004 min
Response: 258922
Conc: 1.94 ug/ml



#19 n-Tetratriacontane (C34)

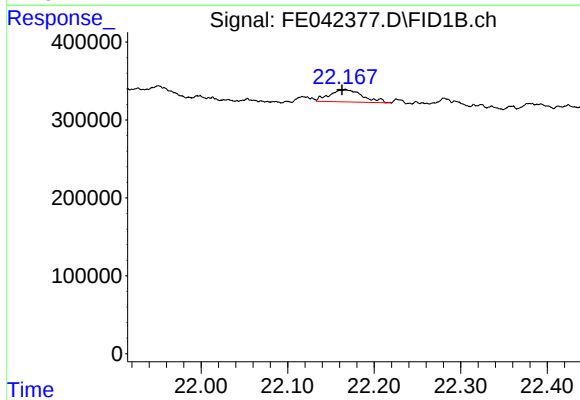
R.T.: 19.736 min
Delta R.T.: 0.000 min
Response: 278782
Conc: 2.12 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.469 min
Delta R.T.: -0.008 min
Response: 723650
Conc: 5.57 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.167 min
Delta R.T.: 0.004 min
Response: 418731
Conc: 3.01 ug/ml