

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072023AL\
 Data File : FD046150.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jul 2023 17:01
 Operator : YP/AJ
 Sample : 03668-03
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 21 01:22:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072023.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 14:31:50 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)	11.402	8503250	48.771 ug/ml
Spiked Amount 50.000		Recovery =	97.54%
12) S 1-chlorooctadecane (S...	12.835	5992289	49.801 ug/ml
Spiked Amount 50.000		Recovery =	99.60%
Target Compounds			
6) T n-Tetradecane (C14)	8.037	796885	5.009 ug/ml
8) T n-Octadecane (C18)	11.097	51974	0.322 ug/ml
11) T n-Heneicosane (C21)	13.001	42422	0.294 ug/ml
13) T n-Docosane (C22)	13.583	46114	0.330 ug/ml
14) T n-Tetracosane (C24)	14.678	59650	0.433 ug/ml
15) T n-Hexacosane (C26)	15.693	70573	0.552 ug/ml
16) T n-Octacosane (C28)	16.634	51433	0.422 ug/ml
17) T n-Tricontane (C30)	17.514	49429	0.399 ug/ml
20) T n-Hexatriacontane (C36)	19.849	56858	0.496 ug/ml
21) T n-Octatriacontane (C38)	20.550	115684	1.028 ug/ml
22) T n-Tetracontane (C40)	21.367	271832	2.534 ug/ml

(f)=RT Delta > 1/2 Window

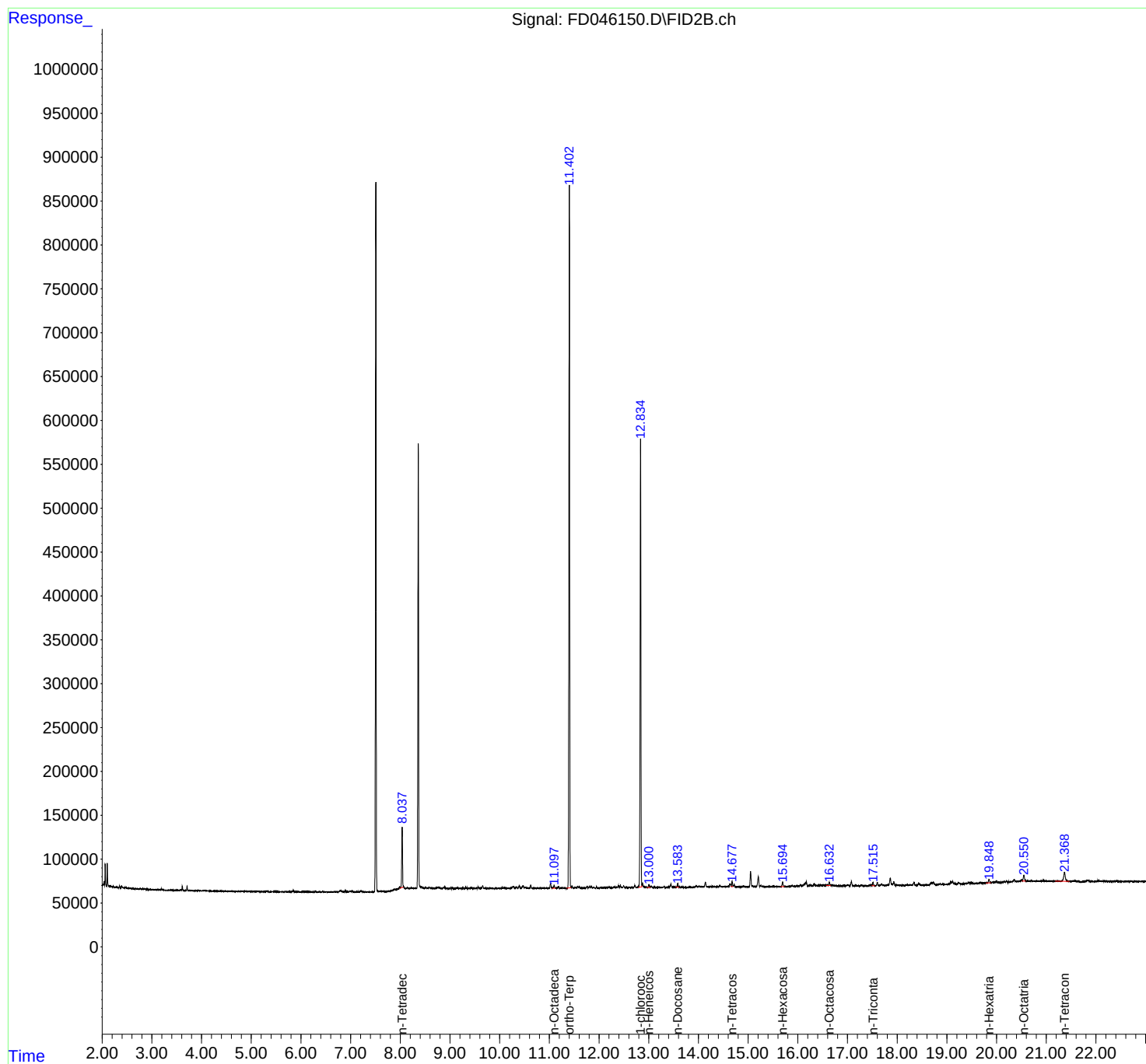
(m)=manual int.

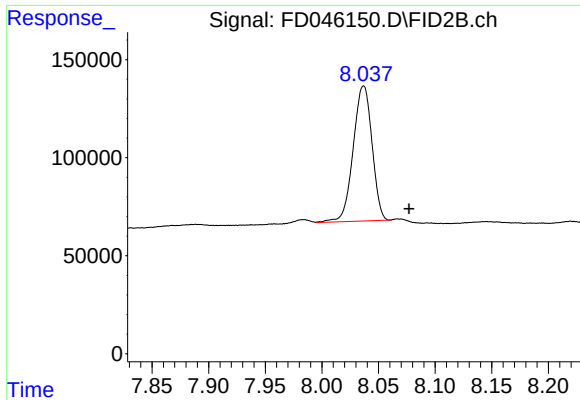
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Signal Info : 20M x 0.18mm x 0.18um

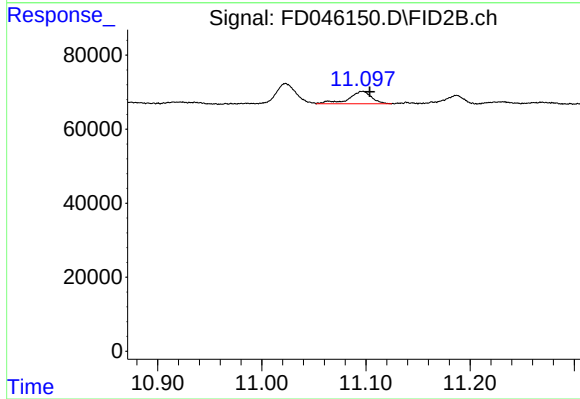




#6 n-Tetradecane (C14)

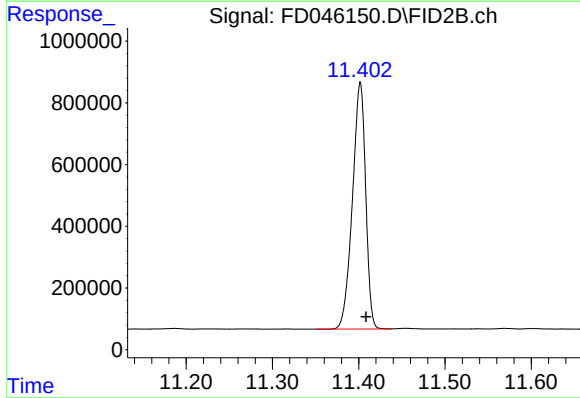
R.T.: 8.037 min
Delta R.T.: -0.040 min
Response: 796885
Conc: 5.01 ug/ml

Instrument :
FID_D
ClientSampleId :



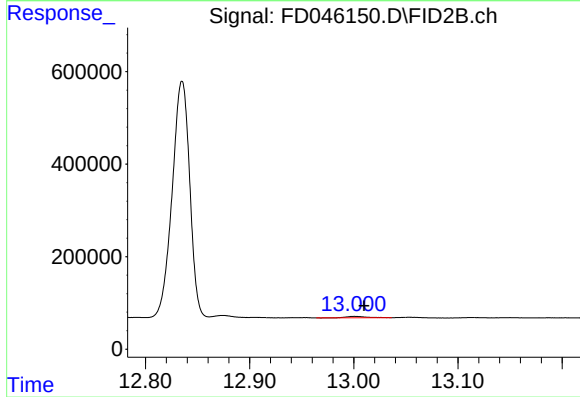
#8 n-Octadecane (C18)

R.T.: 11.097 min
Delta R.T.: -0.007 min
Response: 51974
Conc: 0.32 ug/ml



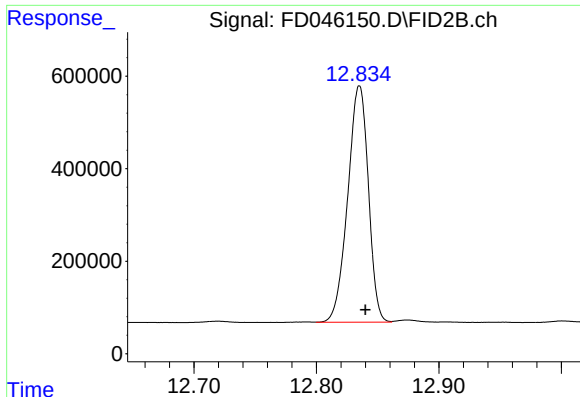
#9 ortho-Terphenyl (SURR)

R.T.: 11.402 min
Delta R.T.: -0.007 min
Response: 8503250
Conc: 48.77 ug/ml



#11 n-Heneicosane (C21)

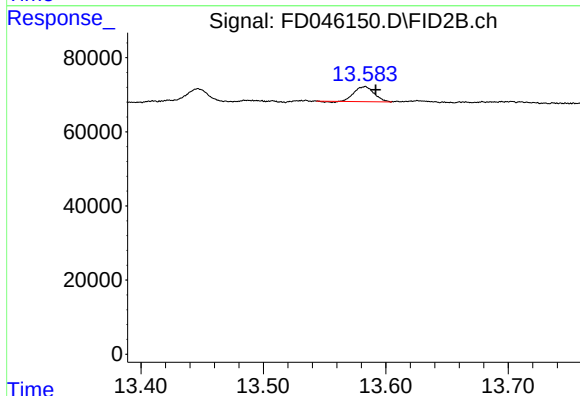
R.T.: 13.001 min
Delta R.T.: -0.009 min
Response: 42422
Conc: 0.29 ug/ml



#12 1-chlorooctadecane (SURR)

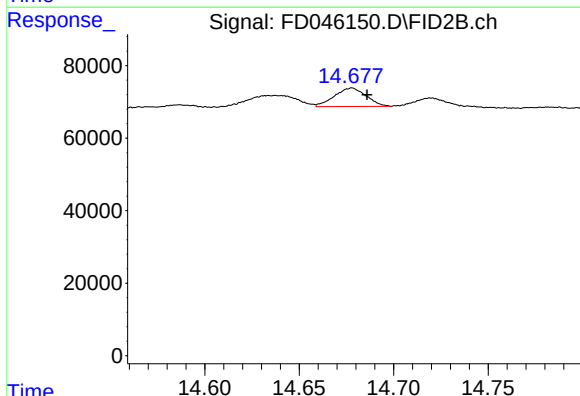
R.T.: 12.835 min
Delta R.T.: -0.005 min
Response: 5992289
Conc: 49.80 ug/ml

Instrument :
FID_D
ClientSampleId :



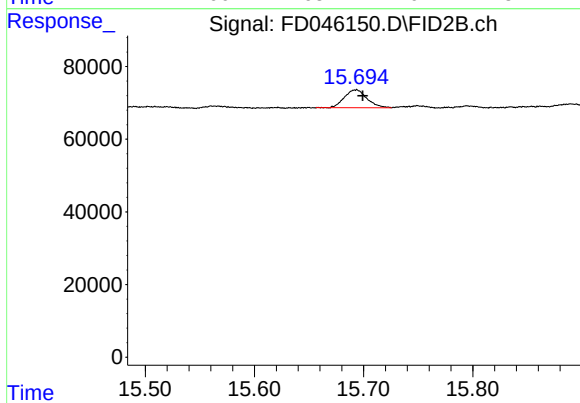
#13 n-Docosane (C22)

R.T.: 13.583 min
Delta R.T.: -0.009 min
Response: 46114
Conc: 0.33 ug/ml



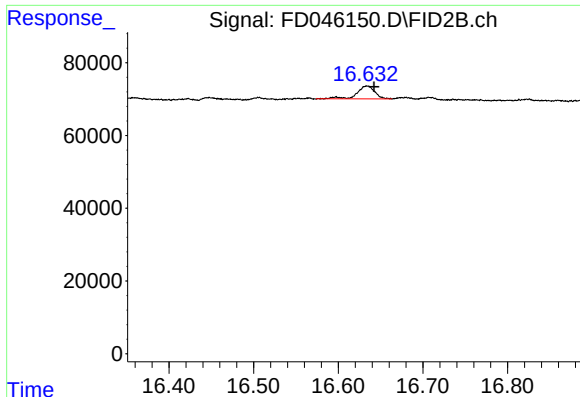
#14 n-Tetracosane (C24)

R.T.: 14.678 min
Delta R.T.: -0.008 min
Response: 59650
Conc: 0.43 ug/ml



#15 n-Hexacosane (C26)

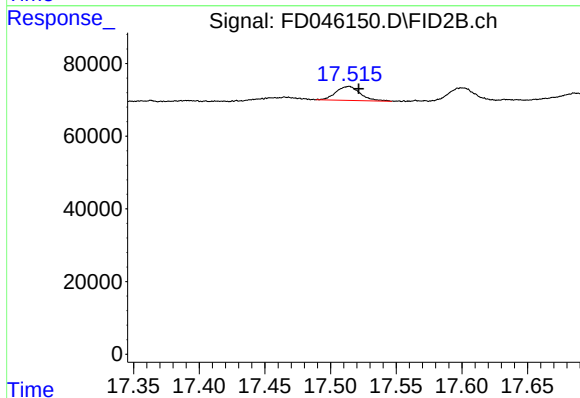
R.T.: 15.693 min
Delta R.T.: -0.006 min
Response: 70573
Conc: 0.55 ug/ml



#16 n-Octacosane (C28)

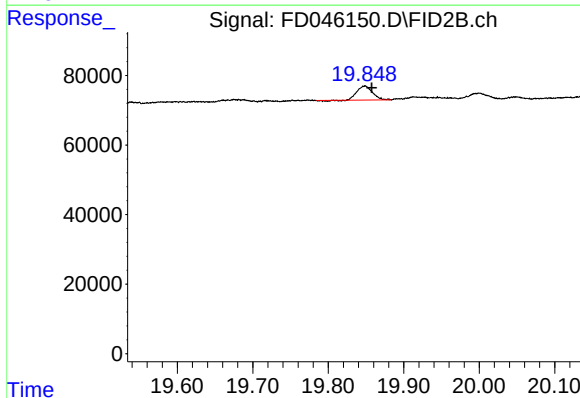
R.T.: 16.634 min
Delta R.T.: -0.008 min
Response: 51433
Conc: 0.42 ug/ml

Instrument :
FID_D
ClientSampleId :



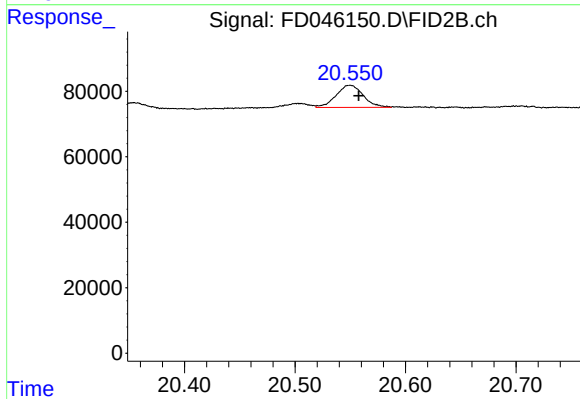
#17 n-Tricontane (C30)

R.T.: 17.514 min
Delta R.T.: -0.008 min
Response: 49429
Conc: 0.40 ug/ml



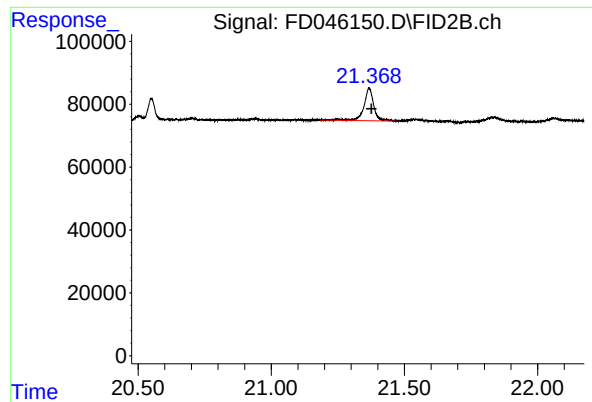
#20 n-Hexatriacontane (C36)

R.T.: 19.849 min
Delta R.T.: -0.009 min
Response: 56858
Conc: 0.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.550 min
Delta R.T.: -0.008 min
Response: 115684
Conc: 1.03 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.367 min
Delta R.T.: -0.009 min
Response: 271832
Conc: 2.53 ug/ml

Instrument :

FID_D

ClientSampleId :