

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071823AL\
 Data File : FG012440.D
 Signal(s) : FID1A.ch
 Acq On : 18 Jul 2023 23:51
 Operator : YP\AJ
 Sample : 03639-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 19 03:25:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 071423.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 15 01:18:50 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)	10.886	6300586	40.322 ug/ml
Spiked Amount 50.000		Recovery =	80.64%
12) S 1-chlorooctadecane (S...	12.323	4098060	35.358 ug/ml
Spiked Amount 50.000		Recovery =	70.72%
Target Compounds			
6) T n-Tetradecane (C14)	7.490	28278	0.221 ug/ml
8) T n-Octadecane (C18)	10.589	36851	0.265 ug/ml
10) T n-Eicosane (C20)	11.941f	366094	2.708 ug/ml
14) T n-Tetracosane (C24)	14.165	312122	2.222 ug/ml
15) T n-Hexacosane (C26)	15.199	42103	0.334 ug/ml
16) T n-Octacosane (C28)	16.150	65265	0.519 ug/ml
17) T n-Tricontane (C30)	17.038	73932	0.559 ug/ml
18) T n-Dotriacontane (C32)	17.870	88409	0.664 ug/ml
19) T n-Tetratriacontane (C34)	18.658	49234	0.384 ug/ml
20) T n-Hexatriacontane (C36)	19.399	40145	0.325 ug/ml
21) T n-Octatriacontane (C38)	20.133	37451	0.314 ug/ml
22) T n-Tetracontane (C40)	21.041	40285	0.348 ug/ml

(f)=RT Delta > 1/2 Window

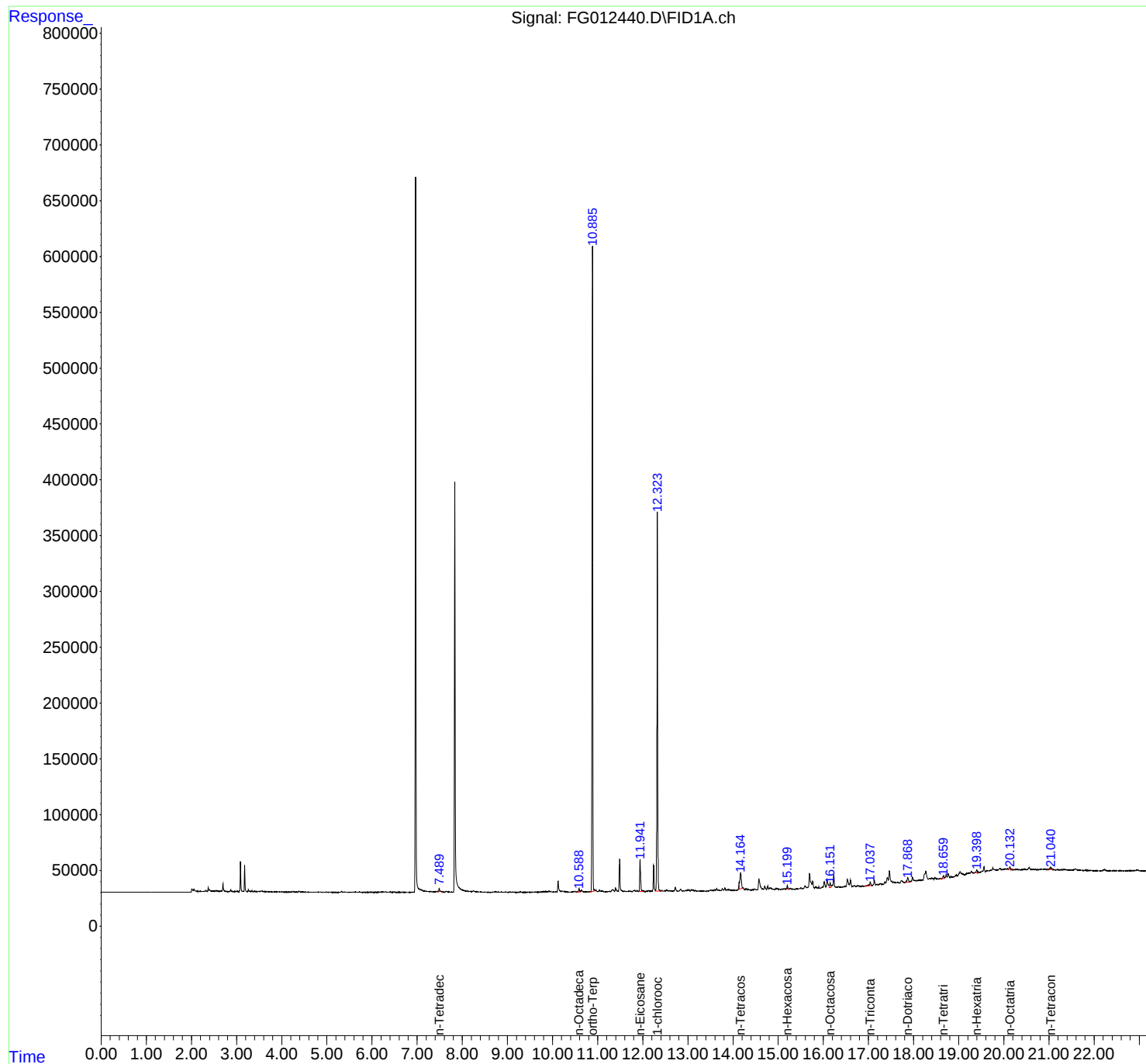
(m)=manual int.

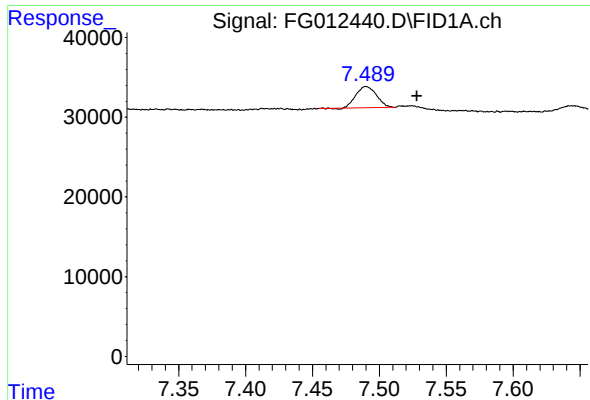
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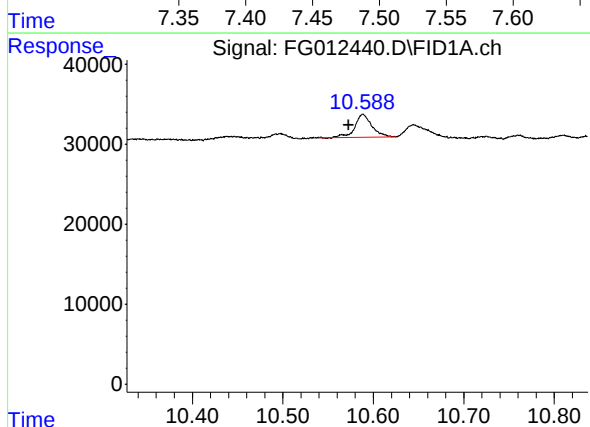




#6 n-Tetradecane (C14)

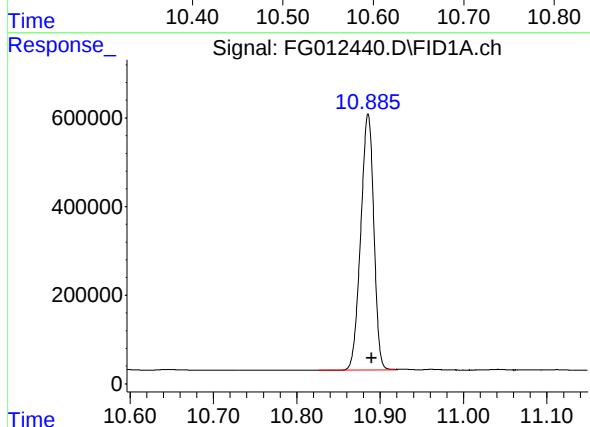
R.T.: 7.490 min
Delta R.T.: -0.038 min
Response: 28278
Conc: 0.22 ug/ml

Instrument :
FID_G
ClientSampleId :



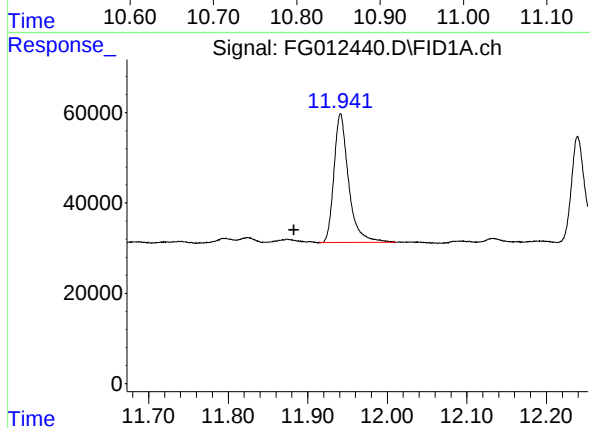
#8 n-Octadecane (C18)

R.T.: 10.589 min
Delta R.T.: 0.016 min
Response: 36851
Conc: 0.27 ug/ml



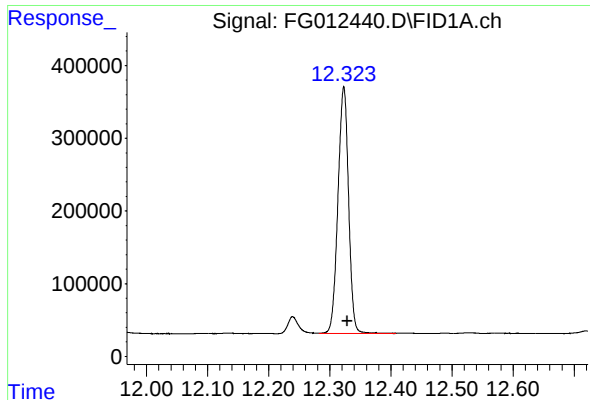
#9 ortho-Terphenyl (SURR)

R.T.: 10.886 min
Delta R.T.: -0.004 min
Response: 6300586
Conc: 40.32 ug/ml



#10 n-Eicosane (C20)

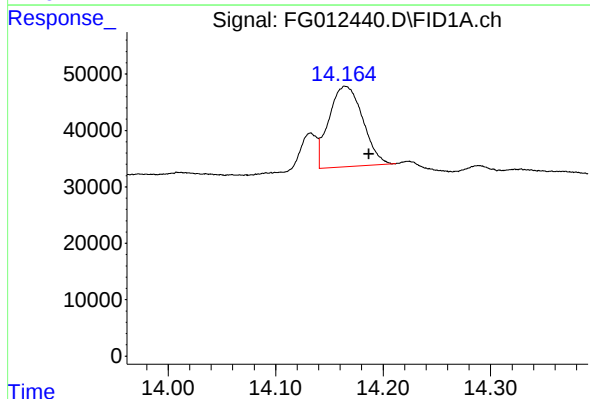
R.T.: 11.941 min
Delta R.T.: 0.058 min
Response: 366094
Conc: 2.71 ug/ml



#12 1-chlorooctadecane (SURR)

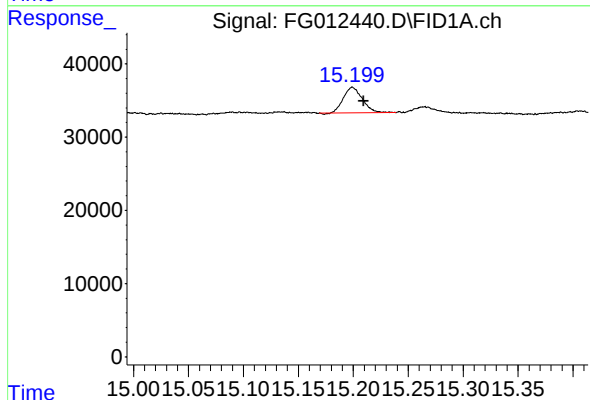
R.T.: 12.323 min
Delta R.T.: -0.005 min
Response: 4098060
Conc: 35.36 ug/ml

Instrument :
FID_G
ClientSampleId :



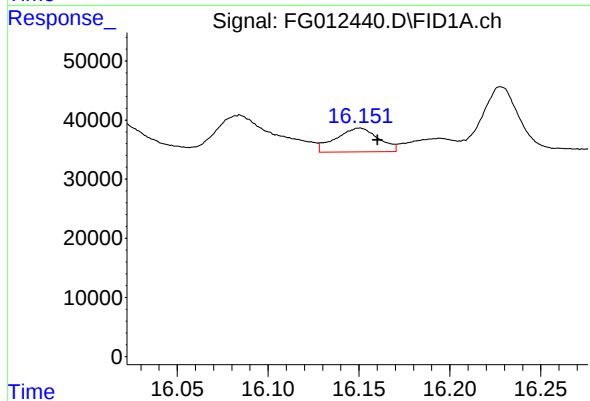
#14 n-Tetracosane (C24)

R.T.: 14.165 min
Delta R.T.: -0.022 min
Response: 312122
Conc: 2.22 ug/ml



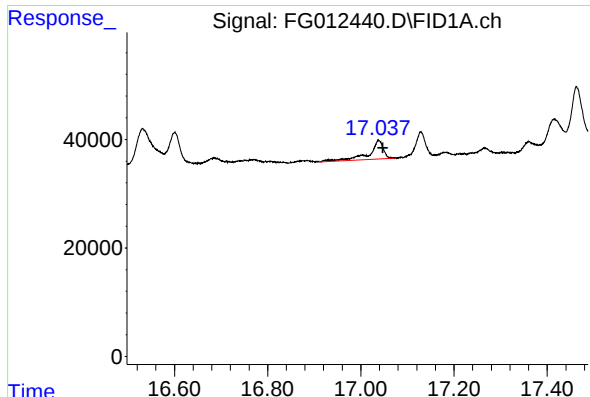
#15 n-Hexacosane (C26)

R.T.: 15.199 min
Delta R.T.: -0.010 min
Response: 42103
Conc: 0.33 ug/ml



#16 n-Octacosane (C28)

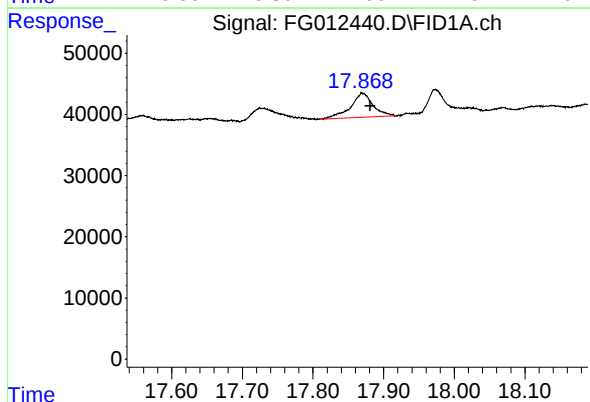
R.T.: 16.150 min
Delta R.T.: -0.010 min
Response: 65265
Conc: 0.52 ug/ml



#17 n-Tricontane (C30)

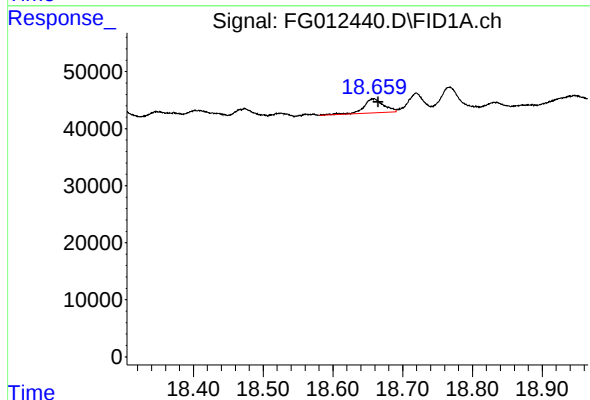
R.T.: 17.038 min
Delta R.T.: -0.009 min
Response: 73932
Conc: 0.56 ug/ml

Instrument :
FID_G
ClientSampleId :



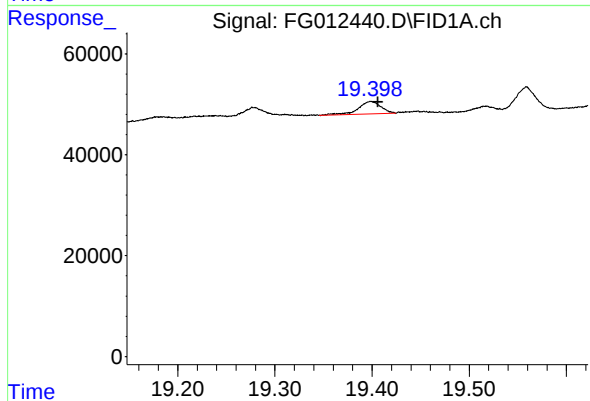
#18 n-Dotriacontane (C32)

R.T.: 17.870 min
Delta R.T.: -0.011 min
Response: 88409
Conc: 0.66 ug/ml



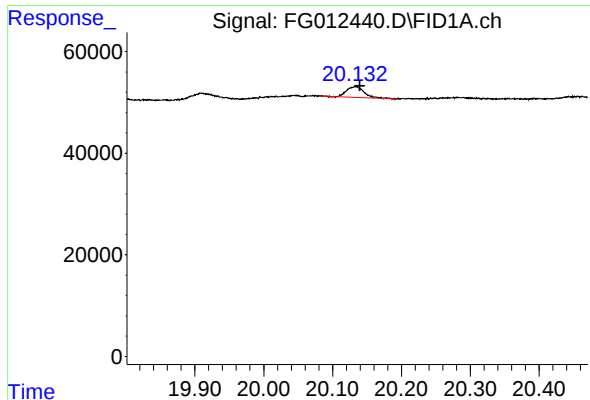
#19 n-Tetratriacontane (C34)

R.T.: 18.658 min
Delta R.T.: -0.007 min
Response: 49234
Conc: 0.38 ug/ml



#20 n-Hexatriacontane (C36)

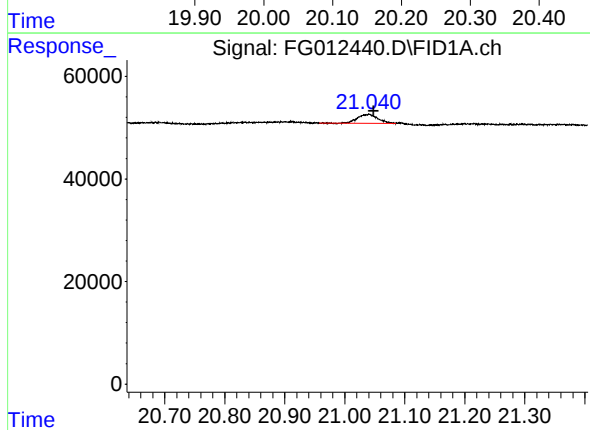
R.T.: 19.399 min
Delta R.T.: -0.007 min
Response: 40145
Conc: 0.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.133 min
Delta R.T.: -0.007 min
Response: 37451
Conc: 0.31 ug/ml

Instrument :
FID_G
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.041 min
Delta R.T.: -0.007 min
Response: 40285
Conc: 0.35 ug/ml