

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100523AL\
 Data File : FC064739.D
 Signal(s) : FID1A.ch
 Acq On : 05 Oct 2023 09:27
 Operator : YP/AJ
 Sample : 04712-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 05 23:52:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:53 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)	11.521	7224293	35.703 ug/ml
Spiked Amount 50.000		Recovery =	71.41%
12) S 1-chlorooctadecane (S...	12.951	5100285	35.016 ug/ml
Spiked Amount 50.000		Recovery =	70.03%
Target Compounds			
1) T n-Nonane (C9)	3.292	50641	0.287 ug/ml
6) T n-Tetradecane (C14)	8.148	53588	0.302 ug/ml
13) T n-Docosane (C22)	13.703	48411	0.297 ug/ml
14) T n-Tetracosane (C24)	14.798	122640	0.772 ug/ml
15) T n-Hexacosane (C26)	15.815	193986	1.271 ug/ml
16) T n-Octacosane (C28)	16.759	200453	1.354 ug/ml
17) T n-Tricontane (C30)	17.640	243383	1.638 ug/ml
18) T n-Dotriacontane (C32)	18.468	266999	1.830 ug/ml
19) T n-Tetratriacontane (C34)	19.249	148436	1.044 ug/ml
20) T n-Hexatriacontane (C36)	19.984	89176	0.647 ug/ml
21) T n-Octatriacontane (C38)	20.706	58490	0.427 ug/ml
22) T n-Tetracontane (C40)	21.584	44128	0.324 ug/ml

(f)=RT Delta > 1/2 Window

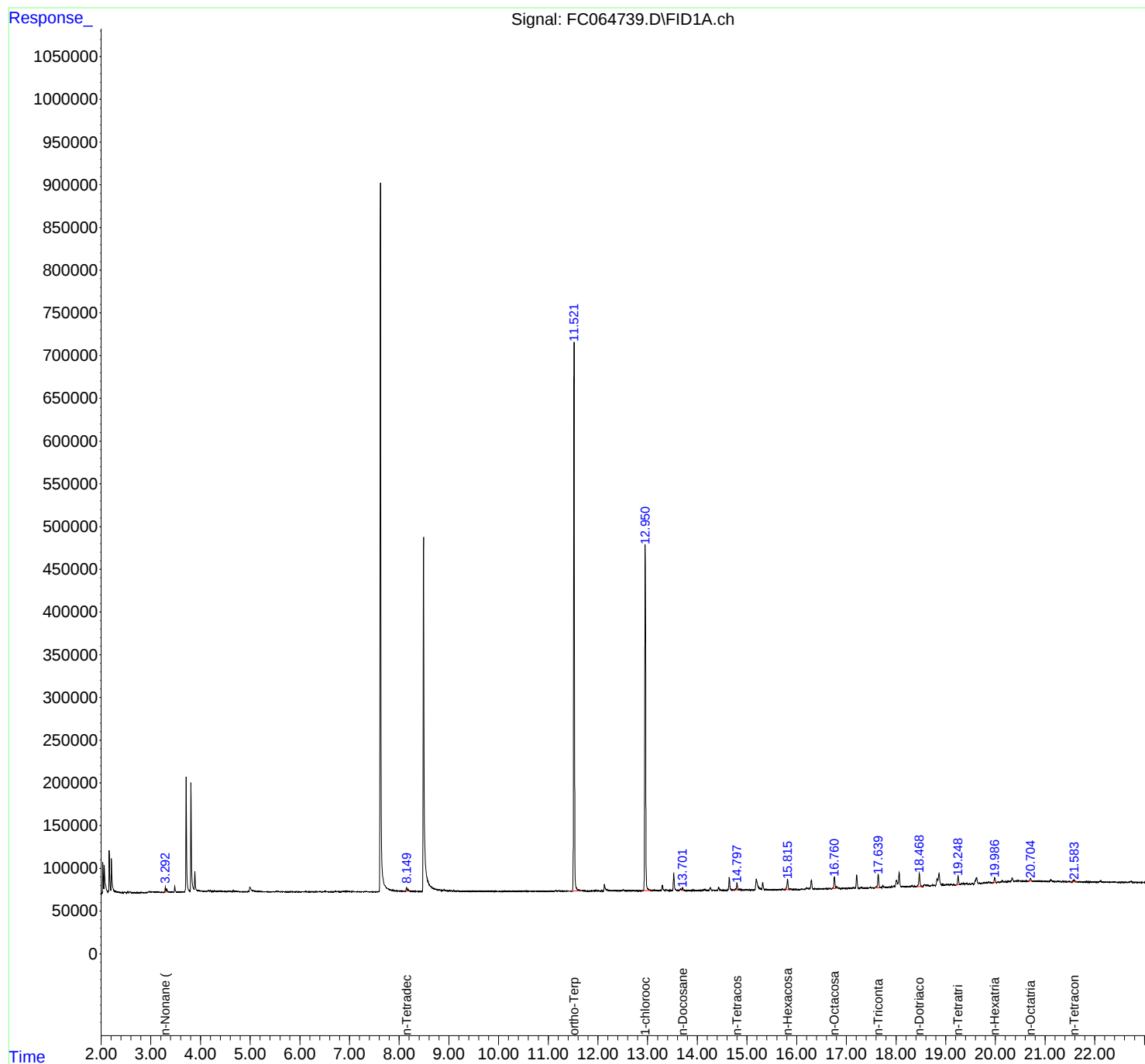
(m)=manual int.

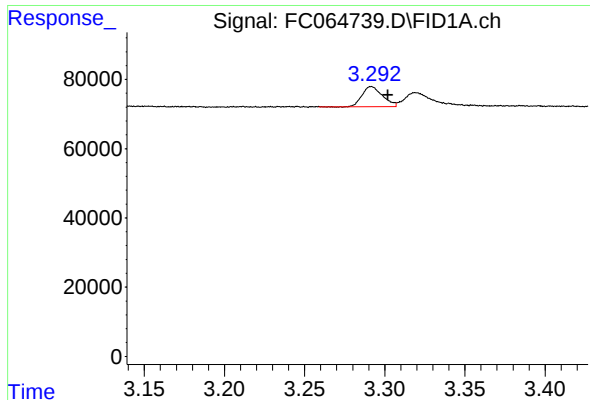
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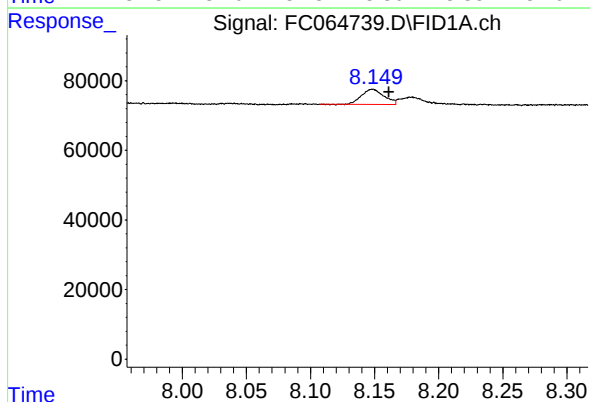




#1 n-Nonane (C9)

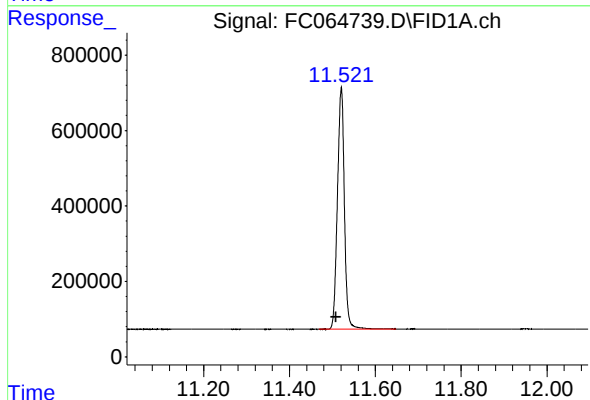
R.T.: 3.292 min
Delta R.T.: -0.010 min
Response: 50641
Conc: 0.29 ug/ml

Instrument :
FID_C
ClientSampleId :



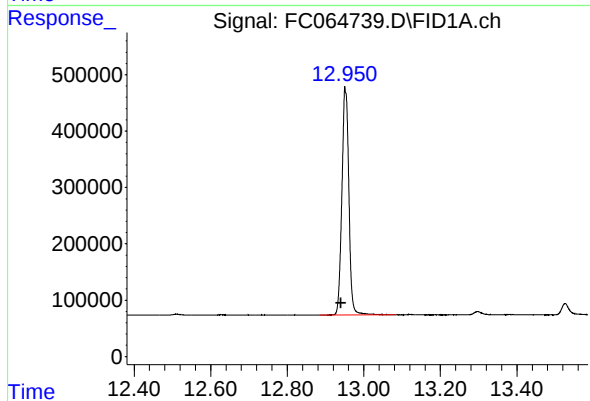
#6 n-Tetradecane (C14)

R.T.: 8.148 min
Delta R.T.: -0.013 min
Response: 53588
Conc: 0.30 ug/ml



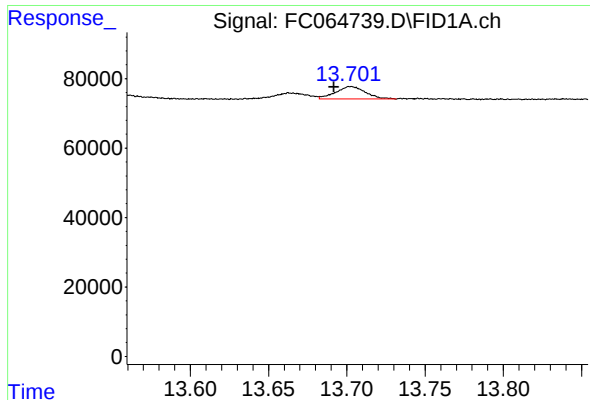
#9 ortho-Terphenyl (SURR)

R.T.: 11.521 min
Delta R.T.: 0.012 min
Response: 7224293
Conc: 35.70 ug/ml



#12 1-chlorooctadecane (SURR)

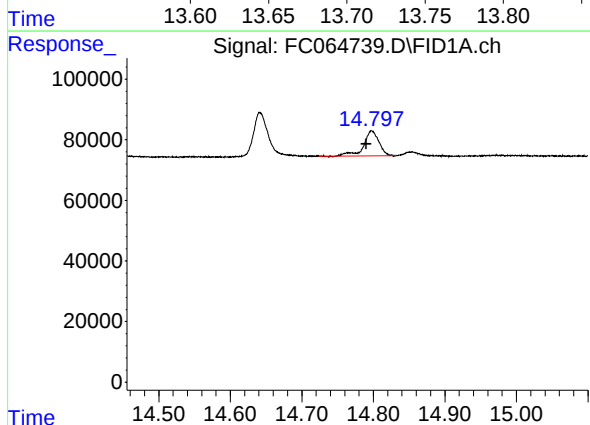
R.T.: 12.951 min
Delta R.T.: 0.011 min
Response: 5100285
Conc: 35.02 ug/ml



#13 n-Docosane (C22)

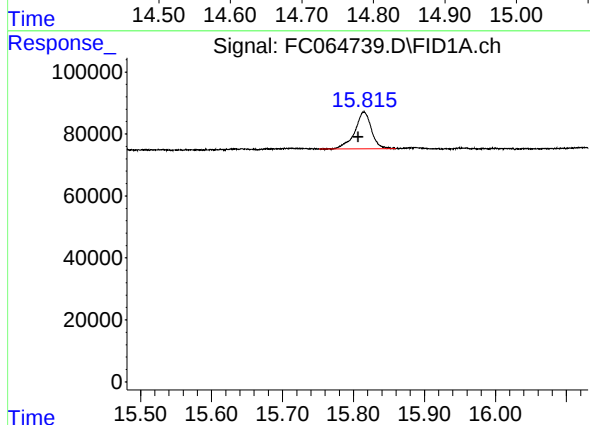
R.T.: 13.703 min
Delta R.T.: 0.011 min
Response: 48411
Conc: 0.30 ug/ml

Instrument :
FID_C
ClientSampleId :



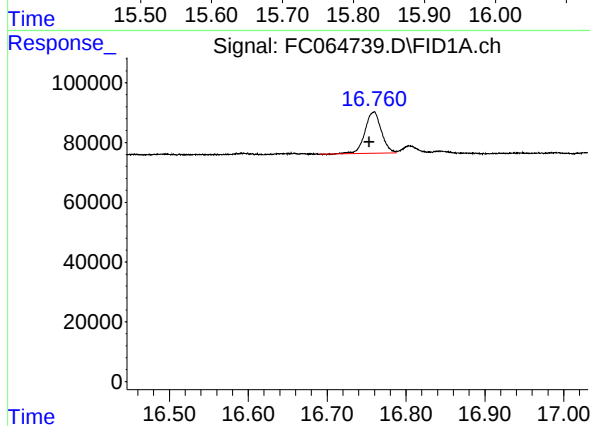
#14 n-Tetracosane (C24)

R.T.: 14.798 min
Delta R.T.: 0.007 min
Response: 122640
Conc: 0.77 ug/ml



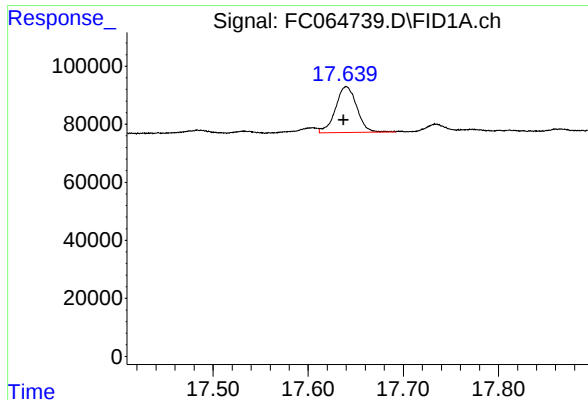
#15 n-Hexacosane (C26)

R.T.: 15.815 min
Delta R.T.: 0.008 min
Response: 193986
Conc: 1.27 ug/ml



#16 n-Octacosane (C28)

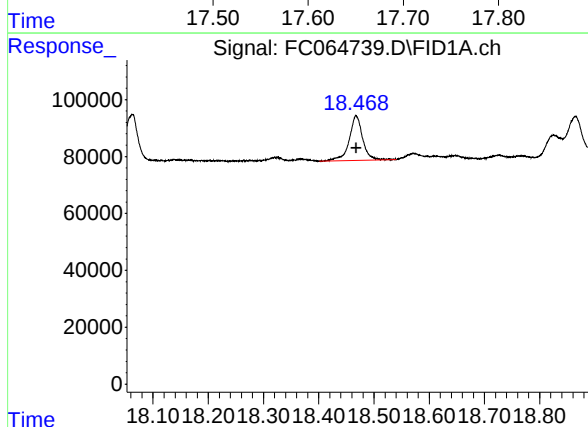
R.T.: 16.759 min
Delta R.T.: 0.006 min
Response: 200453
Conc: 1.35 ug/ml



#17 n-Tricontane (C30)

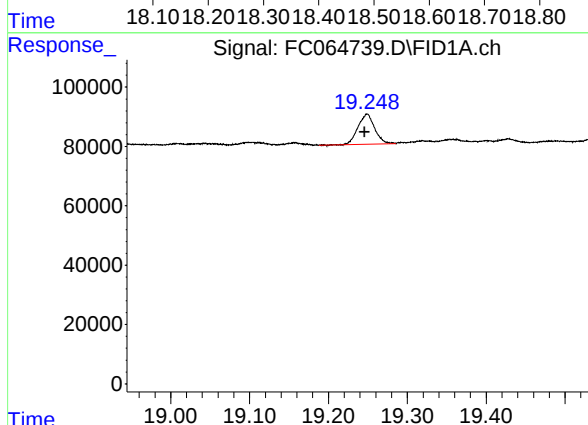
R.T.: 17.640 min
Delta R.T.: 0.003 min
Response: 243383
Conc: 1.64 ug/ml

Instrument :
FID_C
ClientSampleId :



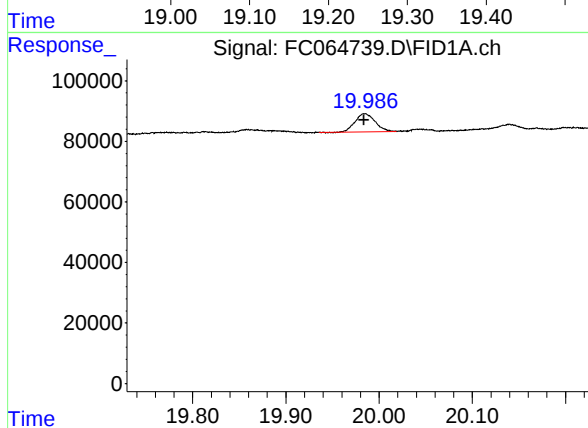
#18 n-Dotriacontane (C32)

R.T.: 18.468 min
Delta R.T.: 0.000 min
Response: 266999
Conc: 1.83 ug/ml



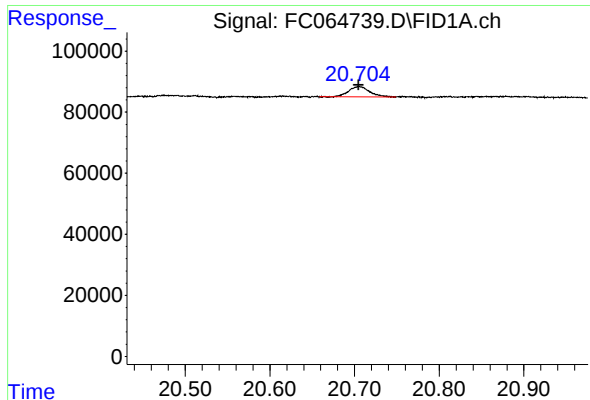
#19 n-Tetratriacontane (C34)

R.T.: 19.249 min
Delta R.T.: 0.003 min
Response: 148436
Conc: 1.04 ug/ml



#20 n-Hexatriacontane (C36)

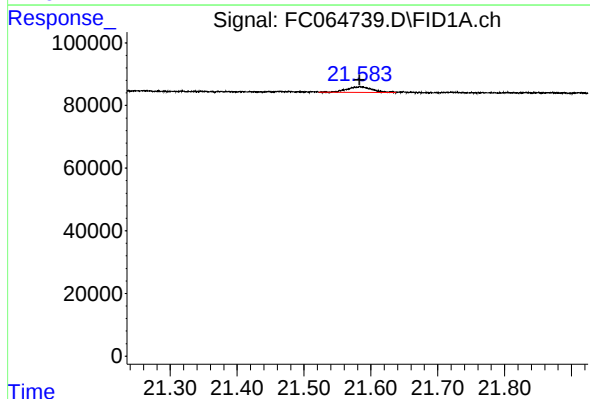
R.T.: 19.984 min
Delta R.T.: 0.000 min
Response: 89176
Conc: 0.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.706 min
Delta R.T.: 0.000 min
Response: 58490
Conc: 0.43 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.584 min
Delta R.T.: 0.000 min
Response: 44128
Conc: 0.32 ug/ml