

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071823AL\
 Data File : FG012449.D
 Signal(s) : FID1A.ch
 Acq On : 19 Jul 2023 04:15
 Operator : YP\AJ
 Sample : 03646-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 GATE-1-EPH-2

Integration File: autoint1.e
 Quant Time: Jul 19 05:34:27 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)	10.885	6371103	40.773 ug/ml
Spiked Amount 50.000		Recovery =	81.55%
12) S 1-chlorooctadecane (S...	12.322	4024398	34.723 ug/ml
Spiked Amount 50.000		Recovery =	69.45%
Target Compounds			
5) T A~2-methylnaphthalene...	6.429f	35321	0.271 ug/ml
6) T n-Tetradecane (C14)	7.495	2733272	21.403 ug/ml
11) T n-Heneicosane (C21)	12.541	34816	0.262 ug/ml
13) T n-Docosane (C22)	13.073	27939	0.212 ug/ml
14) T n-Tetracosane (C24)	14.158	234686	1.671 ug/ml
15) T n-Hexacosane (C26)	15.200	66409	0.526 ug/ml
16) T n-Octacosane (C28)	16.151	75888	0.604 ug/ml
17) T n-Tricontane (C30)	17.039	89784	0.679 ug/ml
18) T n-Dotriacontane (C32)	17.872	68518	0.515 ug/ml
19) T n-Tetratriacontane (C34)	18.657	26867	0.210 ug/ml
20) T n-Hexatriacontane (C36)	19.399	26090	0.211 ug/ml
21) T n-Octatriacontane (C38)	20.132	27938	0.234 ug/ml
22) T n-Tetracontane (C40)	21.037	52045	0.449 ug/ml

(f)=RT Delta > 1/2 Window

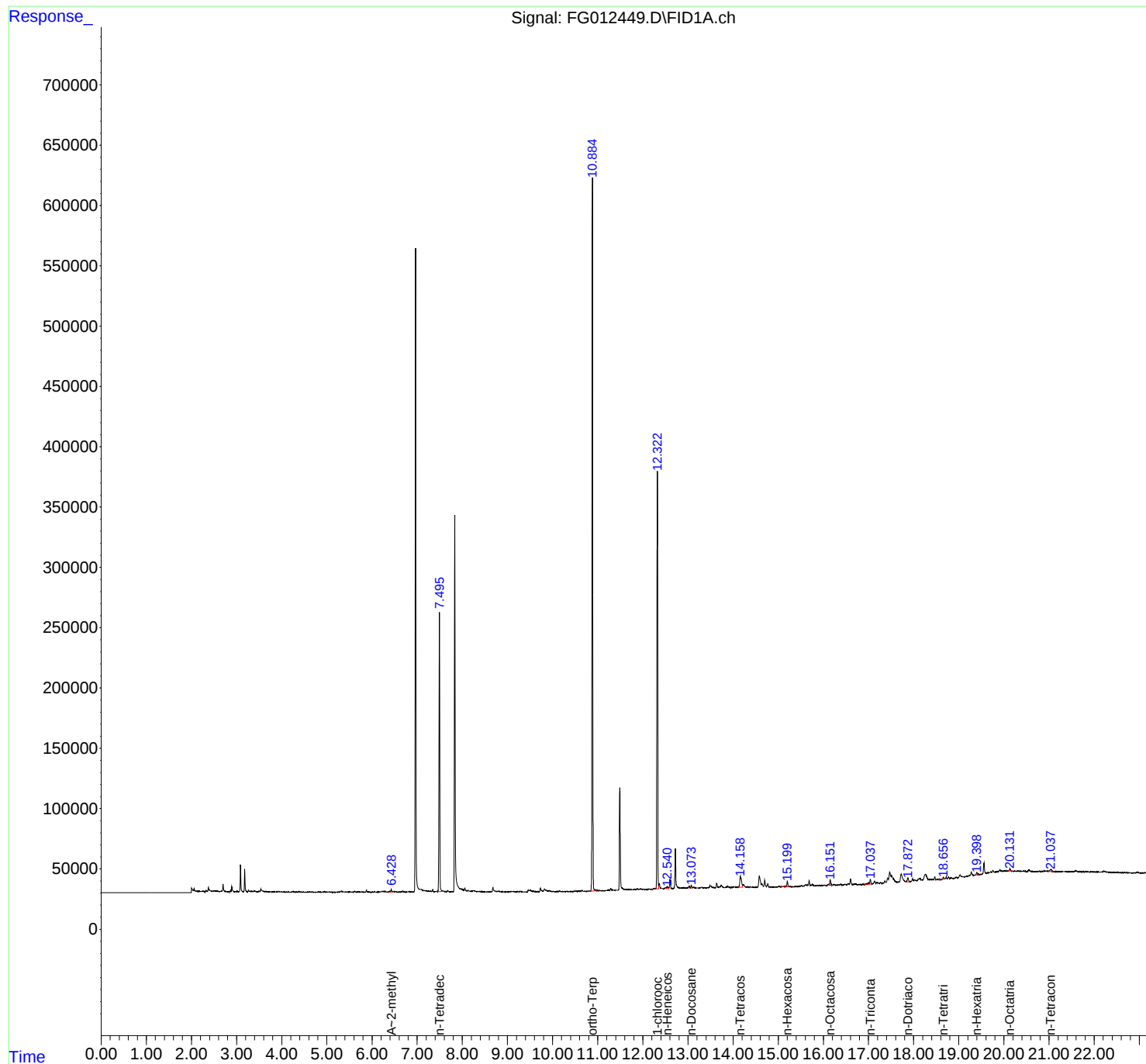
(m)=manual int.

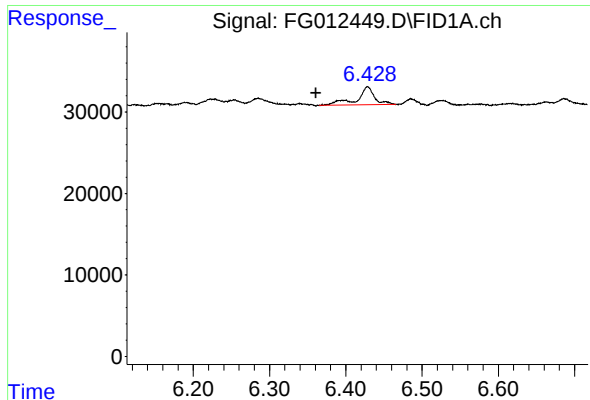
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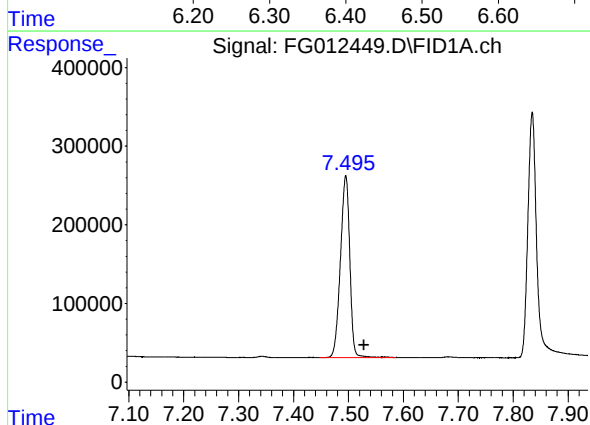




#5 A~2-methylnaphthalene (C12.89)

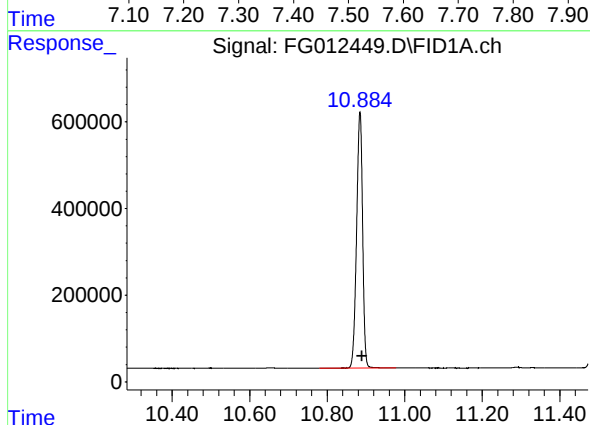
R.T.: 6.429 min
Delta R.T.: 0.068 min
Response: 35321
Conc: 0.27 ug/ml

Instrument :
FID_G
ClientSampleId :
GATE-1-EPH-2



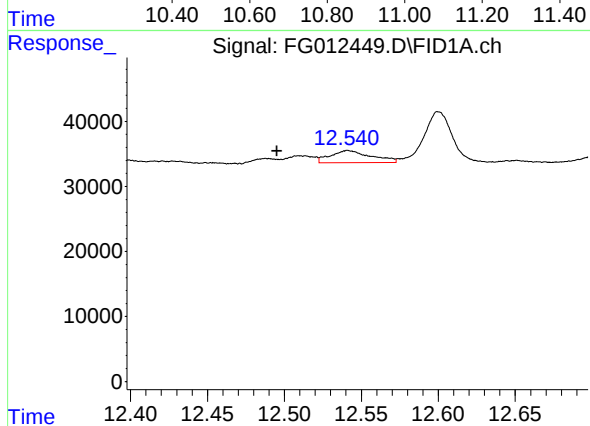
#6 n-Tetradecane (C14)

R.T.: 7.495 min
Delta R.T.: -0.033 min
Response: 2733272
Conc: 21.40 ug/ml



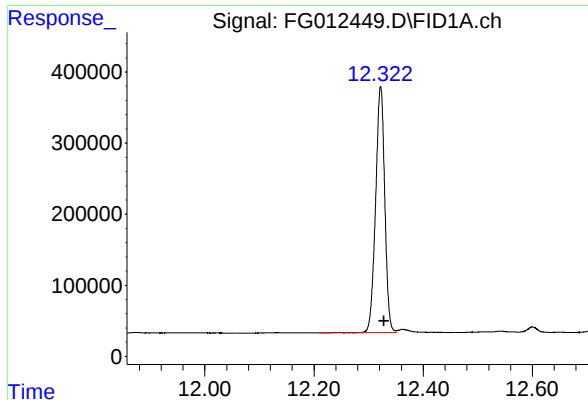
#9 ortho-Terphenyl (SURR)

R.T.: 10.885 min
Delta R.T.: -0.005 min
Response: 6371103
Conc: 40.77 ug/ml



#11 n-Heneicosane (C21)

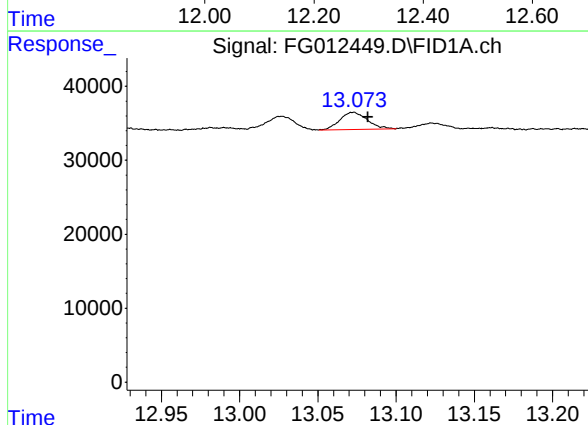
R.T.: 12.541 min
Delta R.T.: 0.046 min
Response: 34816
Conc: 0.26 ug/ml



#12 1-chlorooctadecane (SURR)

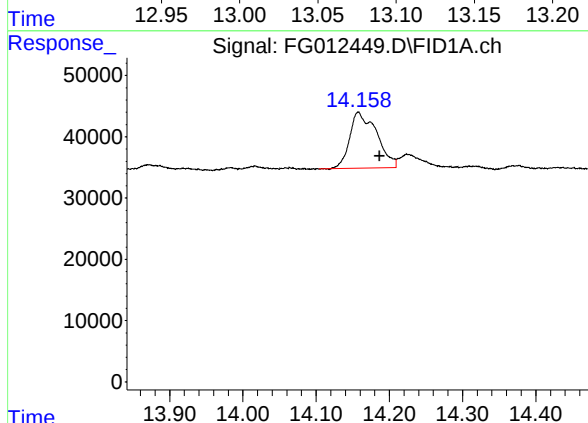
R.T.: 12.322 min
Delta R.T.: -0.006 min
Response: 4024398
Conc: 34.72 ug/ml

Instrument :
FID_G
ClientSampleId :
GATE-1-EPH-2



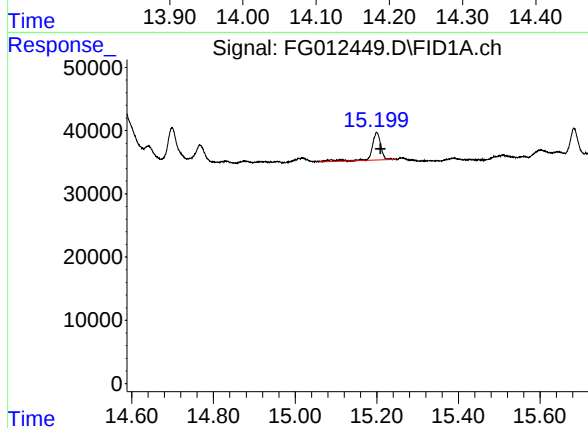
#13 n-Docosane (C22)

R.T.: 13.073 min
Delta R.T.: -0.009 min
Response: 27939
Conc: 0.21 ug/ml



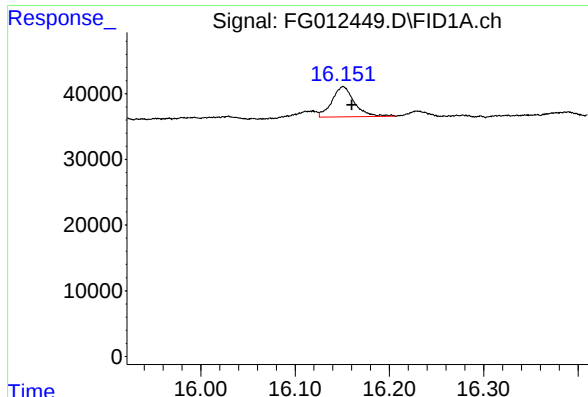
#14 n-Tetracosane (C24)

R.T.: 14.158 min
Delta R.T.: -0.029 min
Response: 234686
Conc: 1.67 ug/ml



#15 n-Hexacosane (C26)

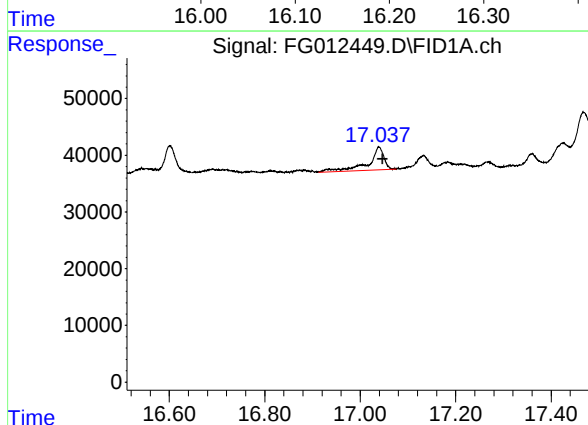
R.T.: 15.200 min
Delta R.T.: -0.009 min
Response: 66409
Conc: 0.53 ug/ml



#16 n-Octacosane (C28)

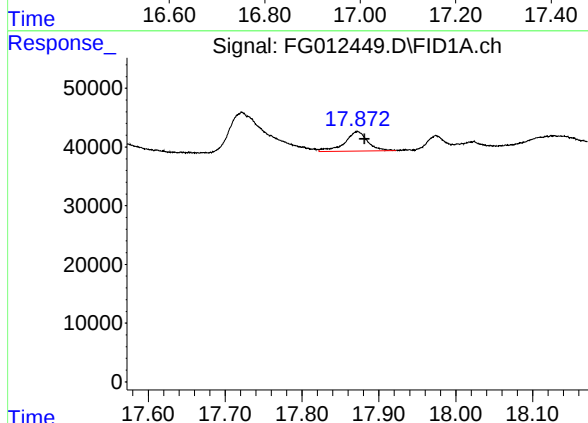
R.T.: 16.151 min
Delta R.T.: -0.009 min
Response: 75888
Conc: 0.60 ug/ml

Instrument :
FID_G
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GATE-1-EPH-2



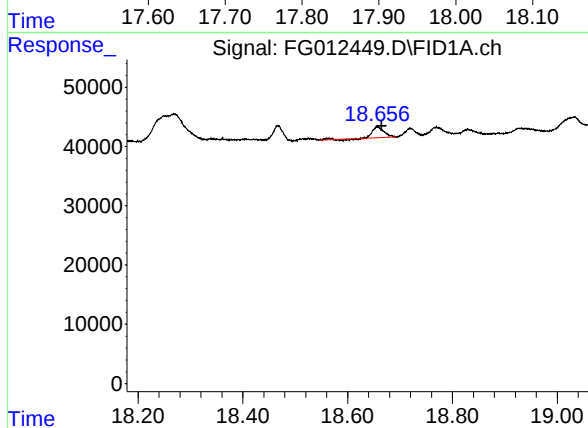
#17 n-Tricontane (C30)

R.T.: 17.039 min
Delta R.T.: -0.008 min
Response: 89784
Conc: 0.68 ug/ml



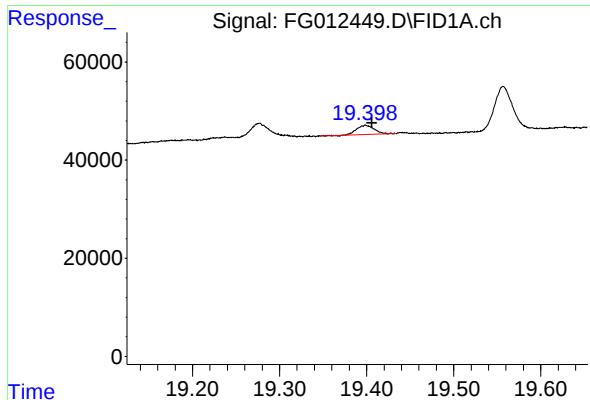
#18 n-Dotriacontane (C32)

R.T.: 17.872 min
Delta R.T.: -0.009 min
Response: 68518
Conc: 0.51 ug/ml



#19 n-Tetratriacontane (C34)

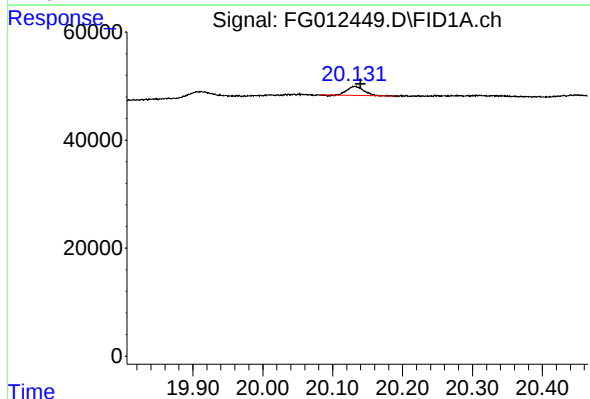
R.T.: 18.657 min
Delta R.T.: -0.009 min
Response: 26867
Conc: 0.21 ug/ml



#20 n-Hexatriacontane (C36)

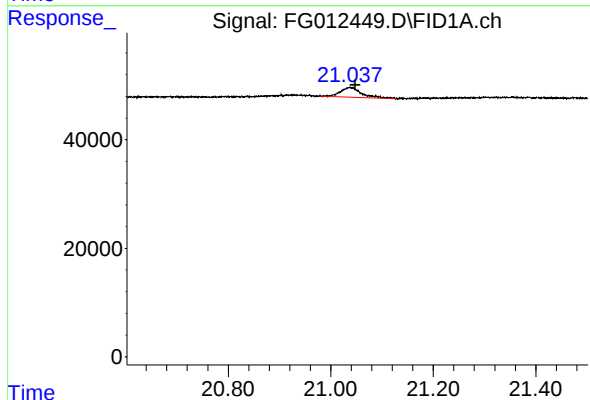
R.T.: 19.399 min
Delta R.T.: -0.007 min
Response: 26090
Conc: 0.21 ug/ml

Instrument :
FID_G
ClientSampleId :
GATE-1-EPH-2



#21 n-Octatriacontane (C38)

R.T.: 20.132 min
Delta R.T.: -0.008 min
Response: 27938
Conc: 0.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.037 min
Delta R.T.: -0.010 min
Response: 52045
Conc: 0.45 ug/ml