

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121421AL\
 Data File : FG009242.D
 Signal(s) : FID1A.ch
 Acq On : 14 Dec 2021 18:39
 Operator : AJ\MA
 Sample : M5018-22
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 15 03:52:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 16:39:19 2021
 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)	10.755	6620391	43.710 ug/ml
Spiked Amount 50.000		Recovery =	87.42%
12) S 1-chlorooctadecane (S...	12.203	6091501	51.274 ug/ml
Spiked Amount 50.000		Recovery =	102.55%
Target Compounds			
6) T n-Tetradecane (C14)	7.397	56708	0.440 ug/ml
8) T n-Octadecane (C18)	10.442	35029	0.254 ug/ml
10) T n-Eicosane (C20)	11.765	496870	3.570 ug/ml
11) T n-Heneicosane (C21)	12.398	2034712	14.093 ug/ml
13) T n-Docosane (C22)	12.982	4081020	28.322 ug/ml
14) T n-Tetracosane (C24)	14.048	5198807	35.242 ug/ml
15) T n-Hexacosane (C26)	15.086	3421417	23.180 ug/ml
16) T n-Octacosane (C28)	16.020	10666946	72.184 ug/ml
17) T n-Tricontane (C30)	16.941	6534072	45.302 ug/ml
18) T n-Dotriacontane (C32)	17.747	7138045	52.564 ug/ml
19) T n-Tetratriacontane (C34)	18.539	1886714	14.697 ug/ml
20) T n-Hexatriacontane (C36)	19.283	43011	0.354 ug/ml
21) T n-Octatriacontane (C38)	19.991	89228	0.763 ug/ml
22) T n-Tetracontane (C40)	20.849	19583	0.175 ug/ml

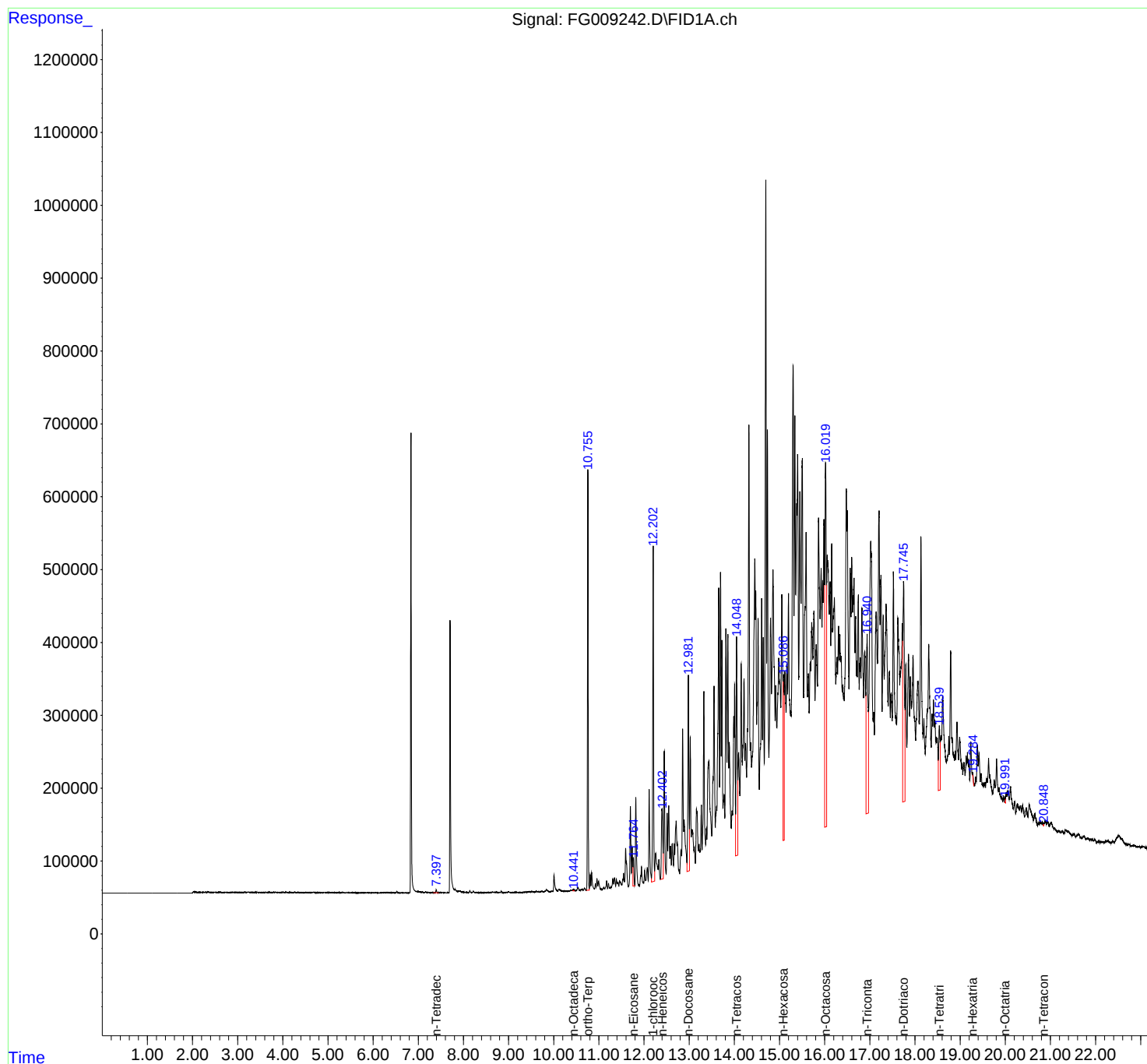
(f)=RT Delta > 1/2 Window

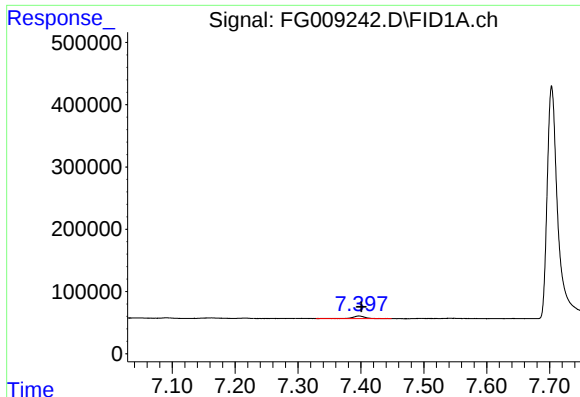
(m)=manual int.

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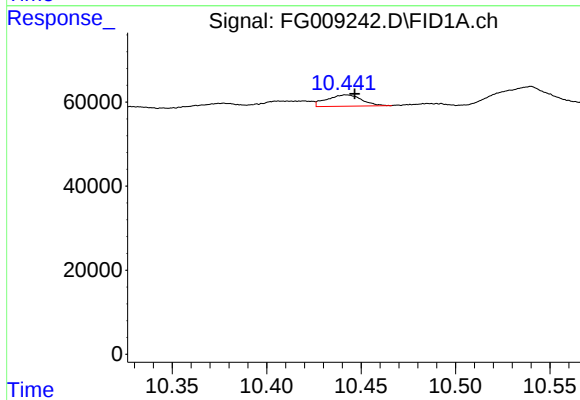
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Signal Info : 20M x 0.18mm x 0.18um





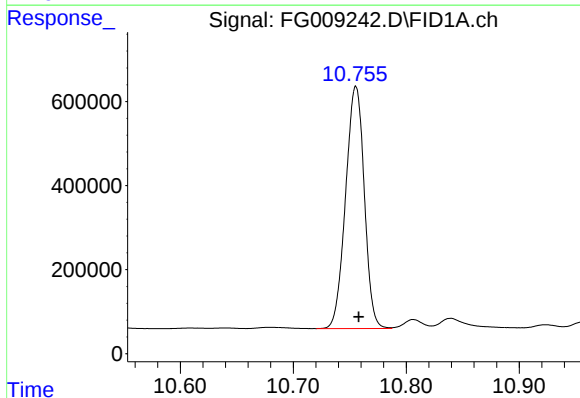
#6 n-Tetradecane (C14)

R.T.: 7.397 min
Delta R.T.: -0.003 min
Response: 56708
Conc: 0.44 ug/ml



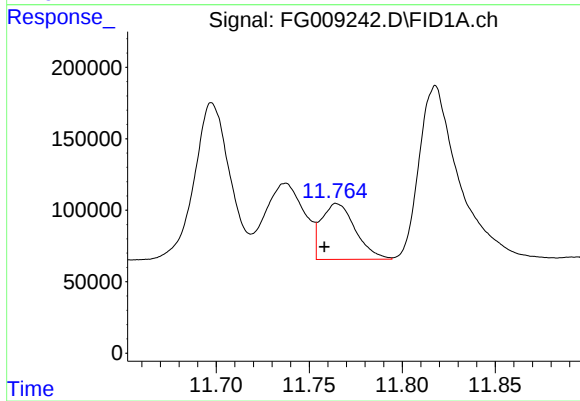
#8 n-Octadecane (C18)

R.T.: 10.442 min
Delta R.T.: -0.004 min
Response: 35029
Conc: 0.25 ug/ml



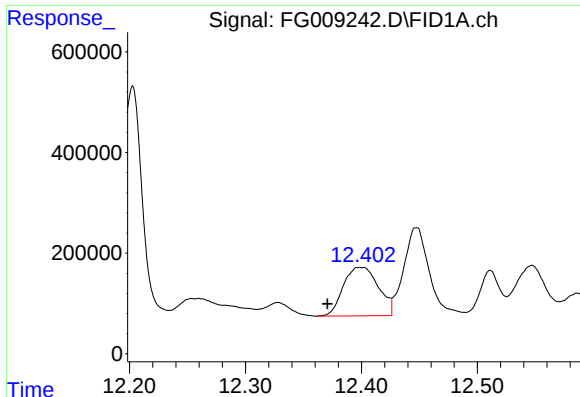
#9 ortho-Terphenyl (SURR)

R.T.: 10.755 min
Delta R.T.: -0.002 min
Response: 6620391
Conc: 43.71 ug/ml



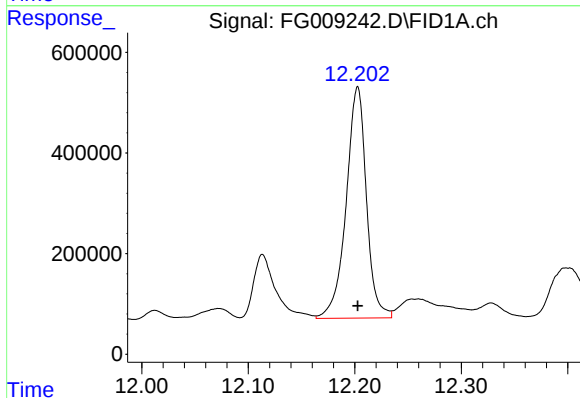
#10 n-Eicosane (C20)

R.T.: 11.765 min
Delta R.T.: 0.007 min
Response: 496870
Conc: 3.57 ug/ml



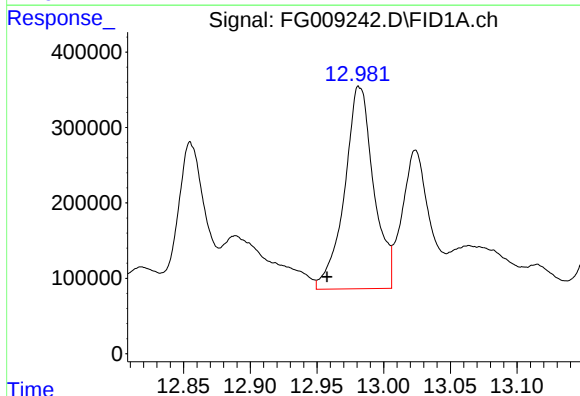
#11 n-Heneicosane (C21)

R.T.: 12.398 min
Delta R.T.: 0.028 min
Response: 2034712
Conc: 14.09 ug/ml



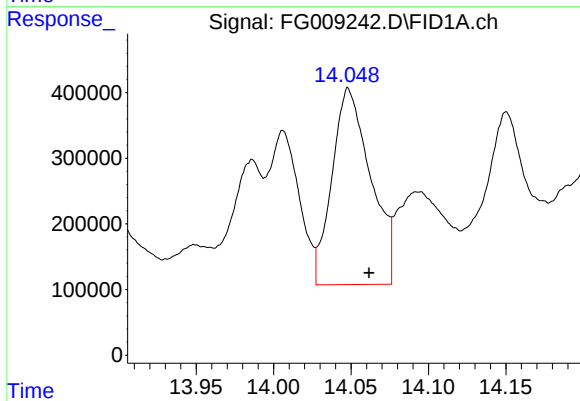
#12 1-chlorooctadecane (SURR)

R.T.: 12.203 min
Delta R.T.: 0.000 min
Response: 6091501
Conc: 51.27 ug/ml



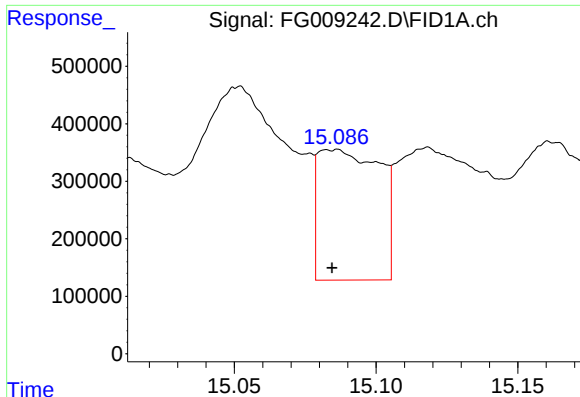
#13 n-Docosane (C22)

R.T.: 12.982 min
Delta R.T.: 0.024 min
Response: 4081020
Conc: 28.32 ug/ml



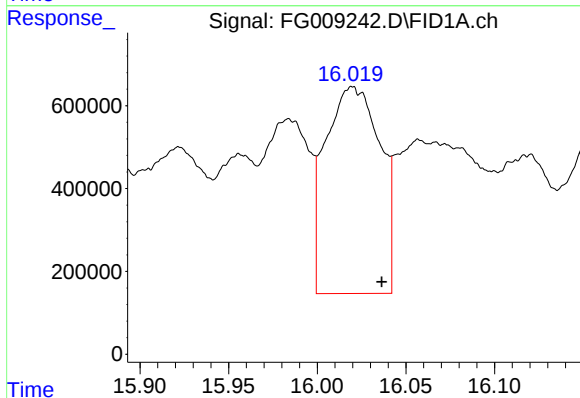
#14 n-Tetracosane (C24)

R.T.: 14.048 min
Delta R.T.: -0.013 min
Response: 5198807
Conc: 35.24 ug/ml



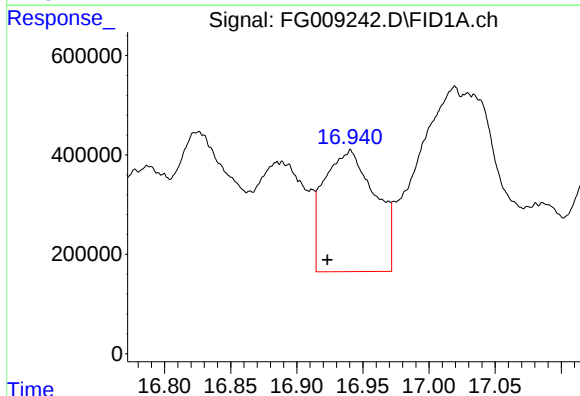
#15 n-Hexacosane (C26)

R.T.: 15.086 min
Delta R.T.: 0.001 min
Response: 3421417
Conc: 23.18 ug/ml



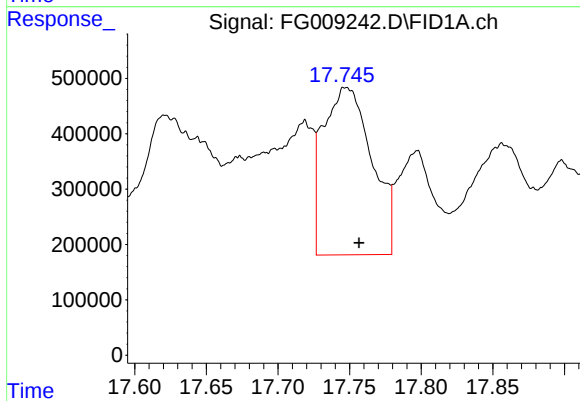
#16 n-Octacosane (C28)

R.T.: 16.020 min
Delta R.T.: -0.017 min
Response: 10666946
Conc: 72.18 ug/ml



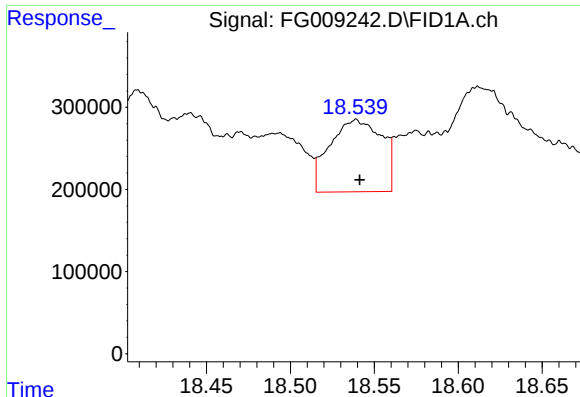
#17 n-Tricontane (C30)

R.T.: 16.941 min
Delta R.T.: 0.018 min
Response: 6534072
Conc: 45.30 ug/ml



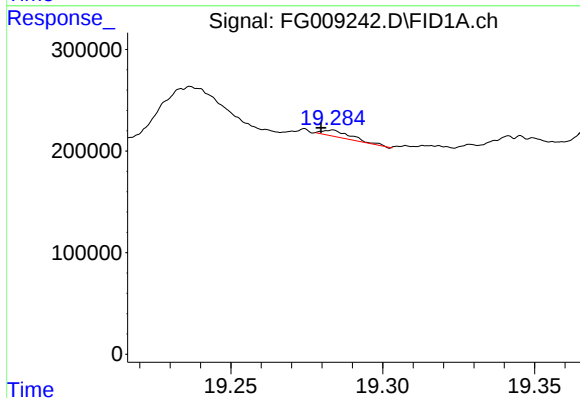
#18 n-Dotriacontane (C32)

R.T.: 17.747 min
Delta R.T.: -0.009 min
Response: 7138045
Conc: 52.56 ug/ml



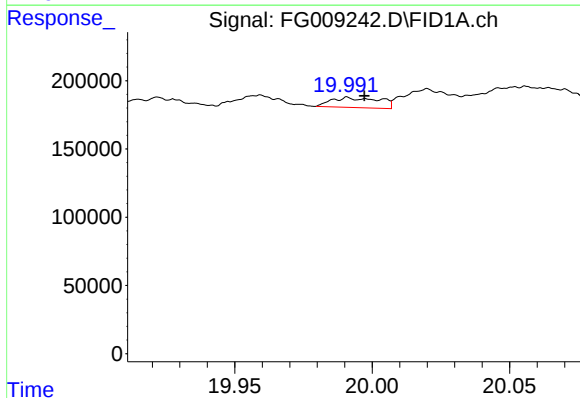
#19 n-Tetratriacontane (C34)

R.T.: 18.539 min
Delta R.T.: -0.002 min
Response: 1886714
Conc: 14.70 ug/ml



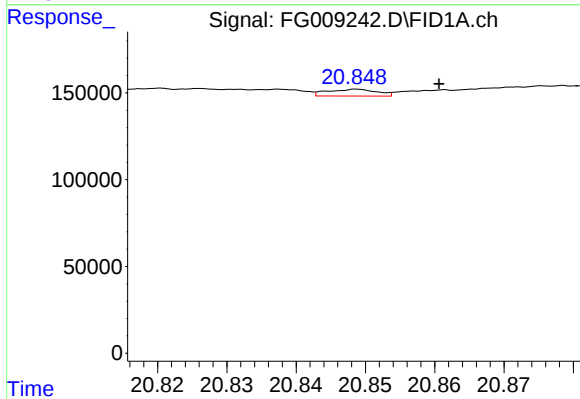
#20 n-Hexatriacontane (C36)

R.T.: 19.283 min
Delta R.T.: 0.003 min
Response: 43011
Conc: 0.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.991 min
Delta R.T.: -0.006 min
Response: 89228
Conc: 0.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.849 min
Delta R.T.: -0.012 min
Response: 19583
Conc: 0.17 ug/ml