

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070323AL\
 Data File : FG012320.D
 Signal(s) : FID1A.ch
 Acq On : 03 Jul 2023 08:30
 Operator : YP\AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 04 03:04:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 062023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 20 14:37:23 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)	10.859	61116	0.404 ug/ml
Spiked Amount 50.000		Recovery =	0.81%
12) S 1-chlorooctadecane (S...	12.344	344168	3.056 ug/ml
Spiked Amount 50.000		Recovery =	6.11%
Target Compounds			
8) T n-Octadecane (C18)	10.584	94421	0.694 ug/ml
10) T n-Eicosane (C20)	11.874	253385	1.928 ug/ml
11) T n-Heneicosane (C21)	12.491	291808	2.275 ug/ml
13) T n-Docosane (C22)	13.040f	1068798	8.420 ug/ml
14) T n-Tetracosane (C24)	14.171	14995004	112.663 ug/ml
15) T n-Hexacosane (C26)	15.219	725614	5.918 ug/ml
16) T n-Octacosane (C28)	16.172	508538	4.204 ug/ml
17) T n-Tricontane (C30)	17.060	373381	3.001 ug/ml
18) T n-Dotriacontane (C32)	17.898	556119	4.487 ug/ml
19) T n-Tetratriacontane (C34)	18.679	236960	1.981 ug/ml
20) T n-Hexatriacontane (C36)	19.423	242787	2.107 ug/ml
21) T n-Octatriacontane (C38)	20.160	60600	0.530 ug/ml
22) T n-Tetracontane (C40)	21.078	37380	0.330 ug/ml

(f)=RT Delta > 1/2 Window

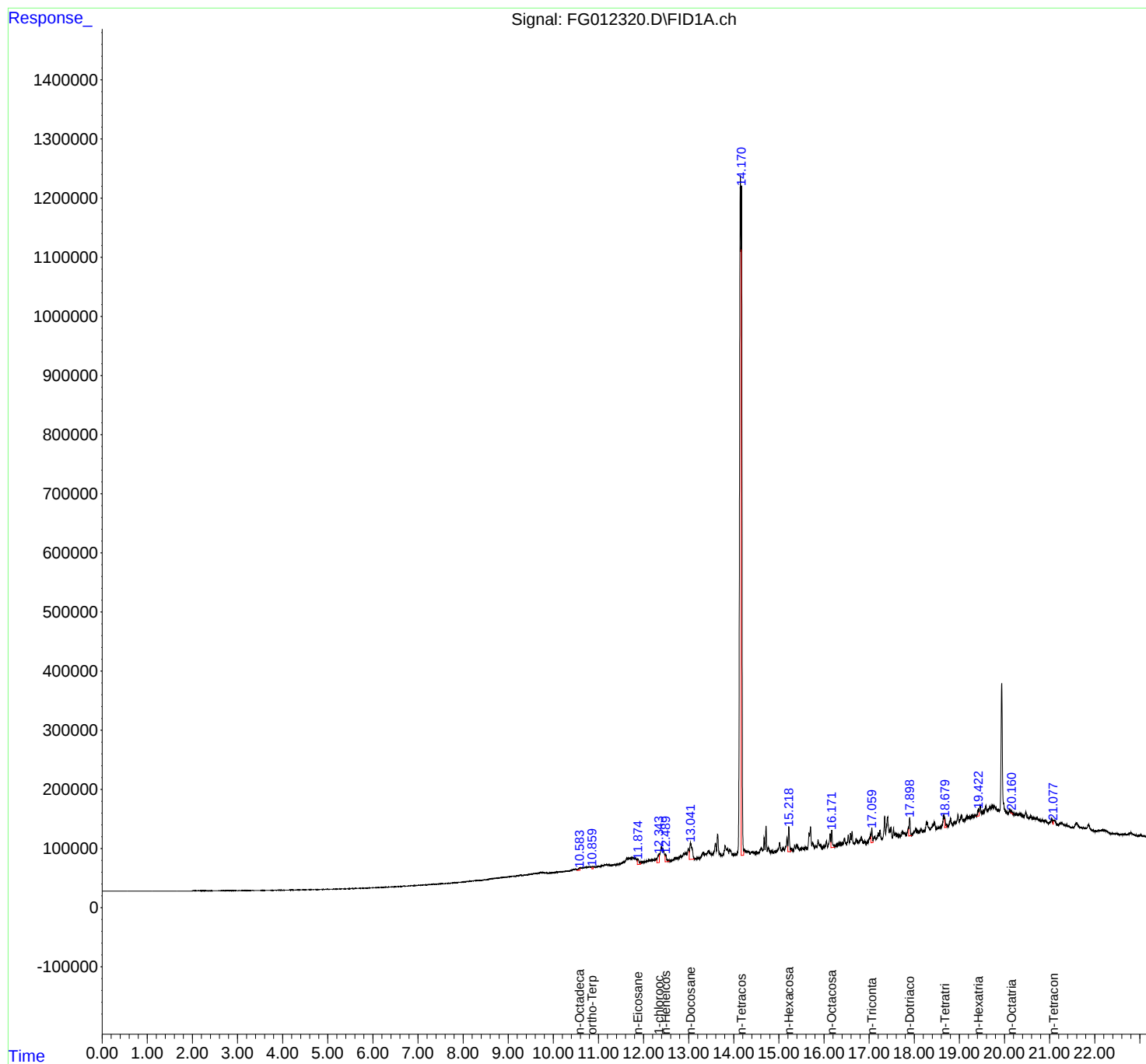
(m)=manual int.

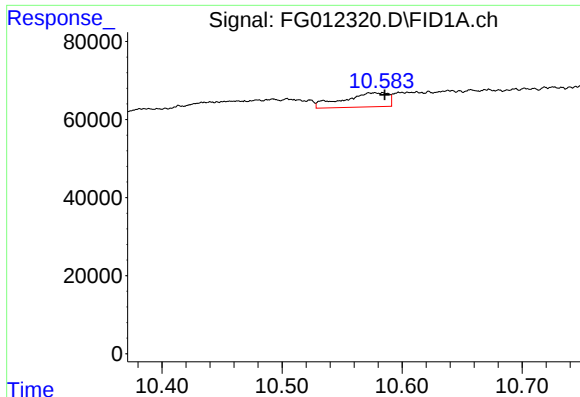
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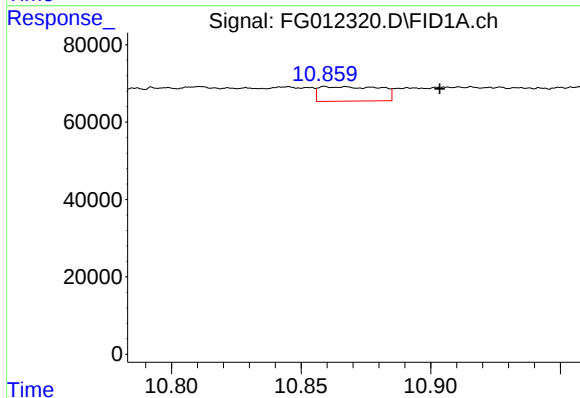




#8 n-Octadecane (C18)

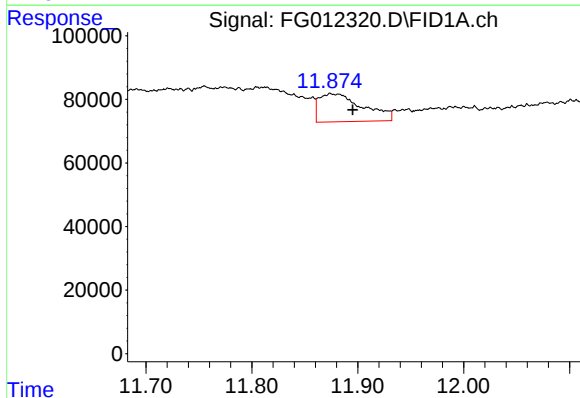
R.T.: 10.584 min
Delta R.T.: -0.001 min
Response: 94421
Conc: 0.69 ug/ml

Instrument :
FID_G
ClientSampleId :



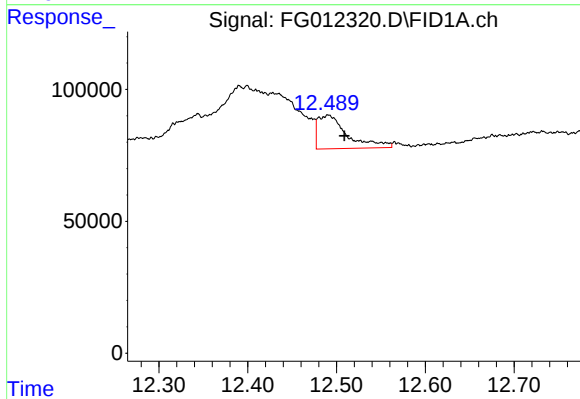
#9 ortho-Terphenyl (SURR)

R.T.: 10.859 min
Delta R.T.: -0.044 min
Response: 61116
Conc: 0.40 ug/ml



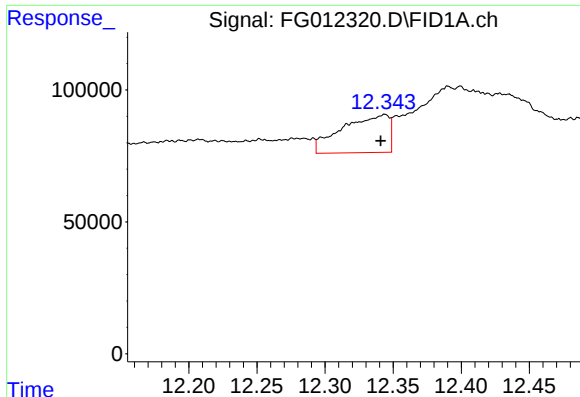
#10 n-Eicosane (C20)

R.T.: 11.874 min
Delta R.T.: -0.021 min
Response: 253385
Conc: 1.93 ug/ml



#11 n-Heneicosane (C21)

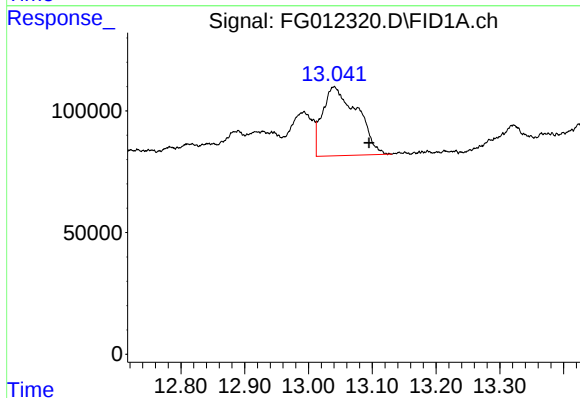
R.T.: 12.491 min
Delta R.T.: -0.018 min
Response: 291808
Conc: 2.28 ug/ml



#12 1-chlorooctadecane (SURR)

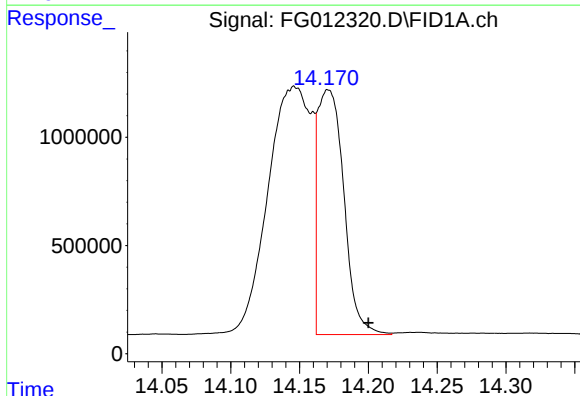
R.T.: 12.344 min
Delta R.T.: 0.003 min
Response: 344168
Conc: 3.06 ug/ml

Instrument :
FID_G
ClientSampleId :



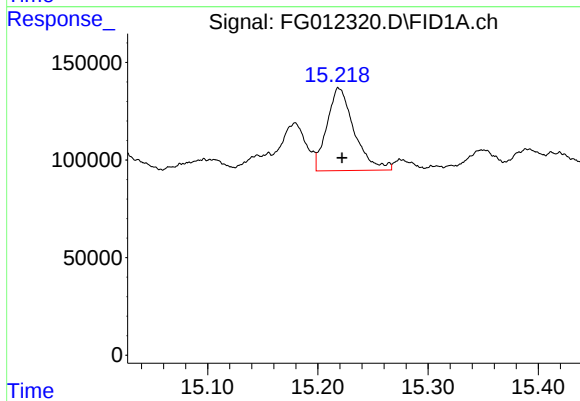
#13 n-Docosane (C22)

R.T.: 13.040 min
Delta R.T.: -0.055 min
Response: 1068798
Conc: 8.42 ug/ml



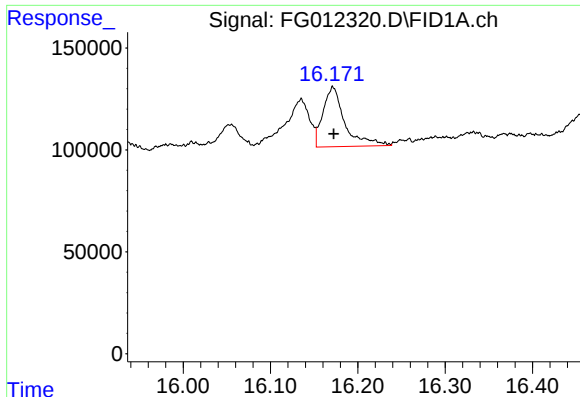
#14 n-Tetracosane (C24)

R.T.: 14.171 min
Delta R.T.: -0.029 min
Response: 14995004
Conc: 112.66 ug/ml



#15 n-Hexacosane (C26)

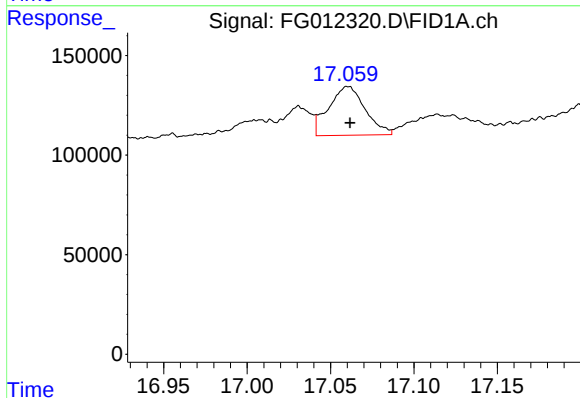
R.T.: 15.219 min
Delta R.T.: -0.003 min
Response: 725614
Conc: 5.92 ug/ml



#16 n-Octacosane (C28)

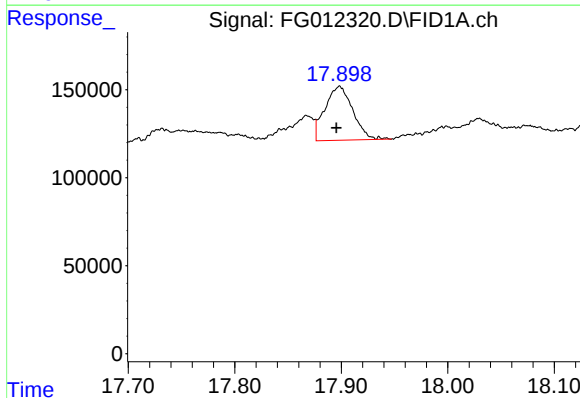
R.T.: 16.172 min
Delta R.T.: 0.000 min
Response: 508538
Conc: 4.20 ug/ml

Instrument :
FID_G
ClientSampleId :



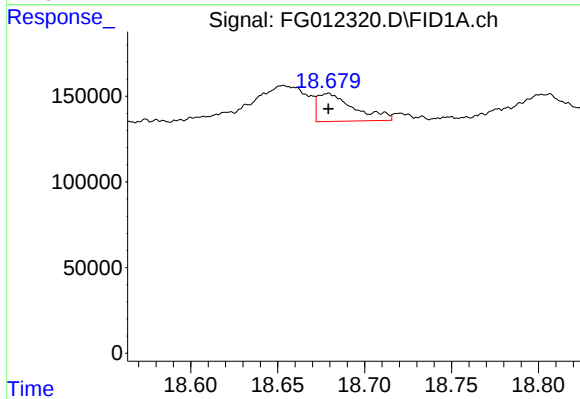
#17 n-Tricontane (C30)

R.T.: 17.060 min
Delta R.T.: -0.001 min
Response: 373381
Conc: 3.00 ug/ml



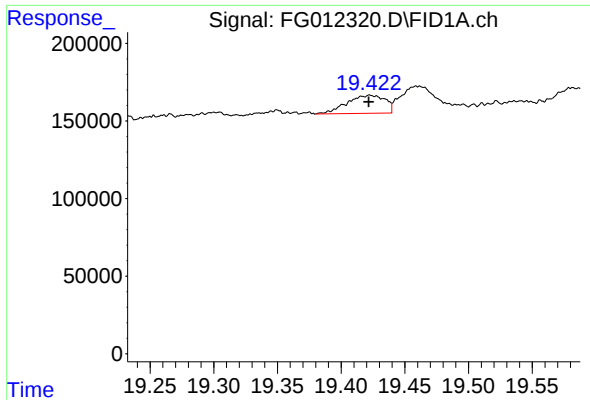
#18 n-Dotriacontane (C32)

R.T.: 17.898 min
Delta R.T.: 0.003 min
Response: 556119
Conc: 4.49 ug/ml



#19 n-Tetratriacontane (C34)

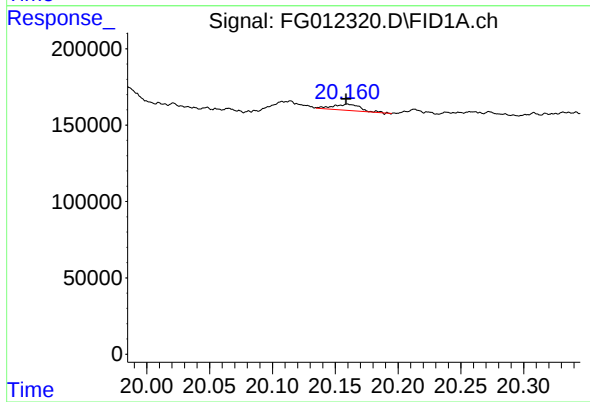
R.T.: 18.679 min
Delta R.T.: 0.000 min
Response: 236960
Conc: 1.98 ug/ml



#20 n-Hexatriacontane (C36)

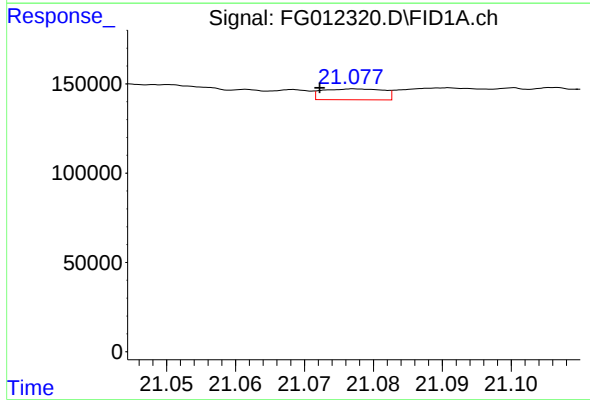
R.T.: 19.423 min
Delta R.T.: 0.001 min
Response: 242787
Conc: 2.11 ug/ml

Instrument :
FID_G
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 20.160 min
Delta R.T.: 0.001 min
Response: 60600
Conc: 0.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.078 min
Delta R.T.: 0.006 min
Response: 37380
Conc: 0.33 ug/ml