

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011625AL\
 Data File : FG015102.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jan 2025 20:10
 Operator : YP\AJ
 Sample : Q1098-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 17 00:29:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 11:45:29 2025
 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)	11.949	5228868	33.444 ug/ml
Spiked Amount 50.000		Recovery =	66.89%
12) S 1-chlorooctadecane (S...	13.400	6986300	57.377 ug/ml
Spiked Amount 50.000		Recovery =	114.75%
Target Compounds			
7) T n-Hexadecane (C16)	10.178	91688	0.633 ug/ml
8) T n-Octadecane (C18)	11.628	466948	3.142 ug/ml
10) T n-Eicosane (C20)	12.949	2587047	18.024 ug/ml
11) T n-Heneicosane (C21)	13.570	6808395	48.152 ug/ml
13) T n-Docosane (C22)	14.163	14428560	102.621 ug/ml
14) T n-Tetracosane (C24)	15.249	9369577	67.318 ug/ml
15) T n-Hexacosane (C26)	16.280	10613260	78.356 ug/ml
16) T n-Octacosane (C28)	17.250	23946109	181.965 ug/ml
17) T n-Tricontane (C30)	18.121	2842247	21.426 ug/ml
18) T n-Dotriacontane (C32)	18.948	16749904	132.806 ug/ml
19) T n-Tetratriacontane (C34)	19.795f	1853763	17.025 ug/ml
20) T n-Hexatriacontane (C36)	20.468	61832	0.662 ug/ml
21) T n-Octatriacontane (C38)	21.215	104948	1.196 ug/ml
22) T n-Tetracontane (C40)	22.204	70084	0.827 ug/ml

(f)=RT Delta > 1/2 Window

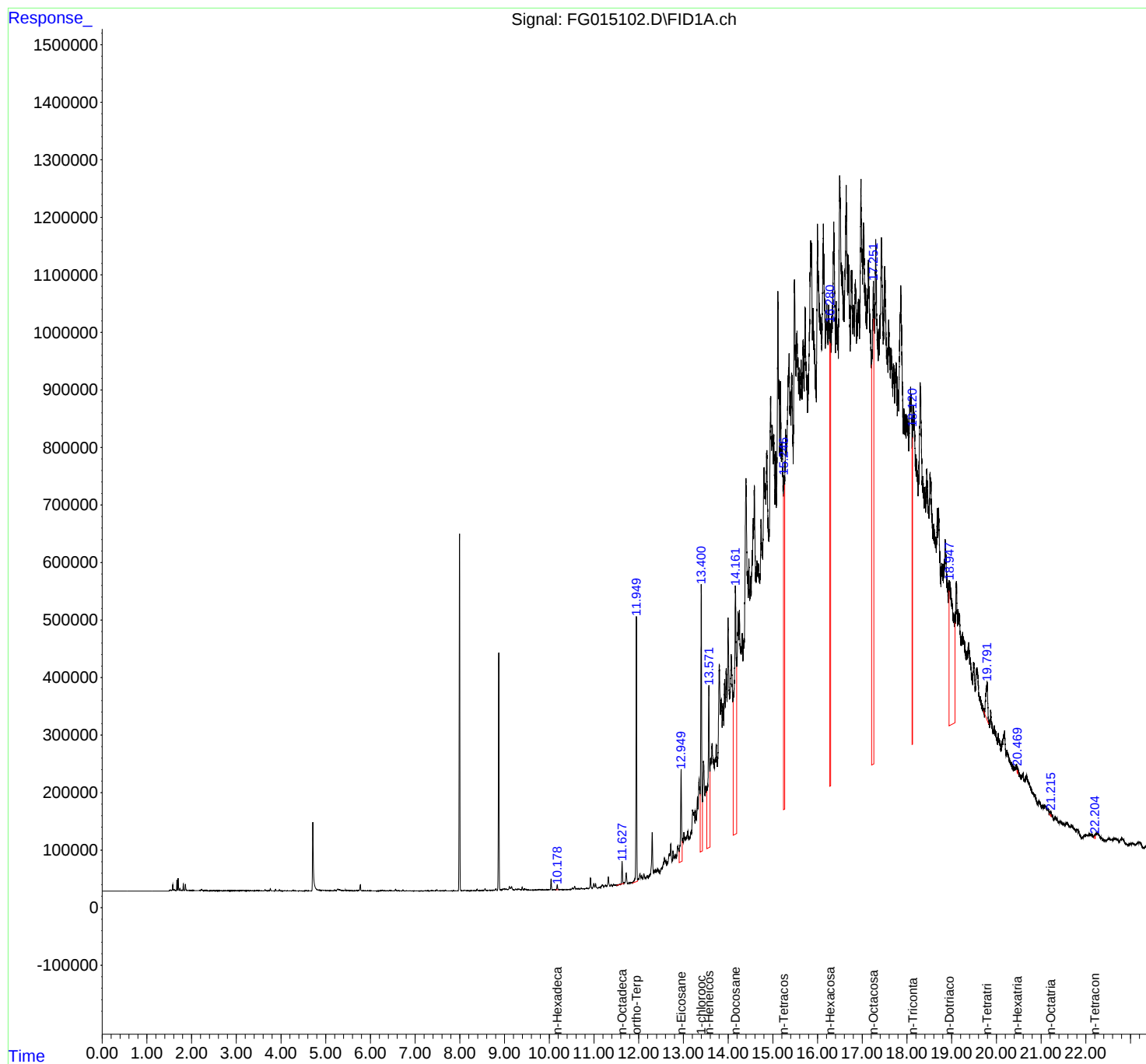
(m)=manual int.

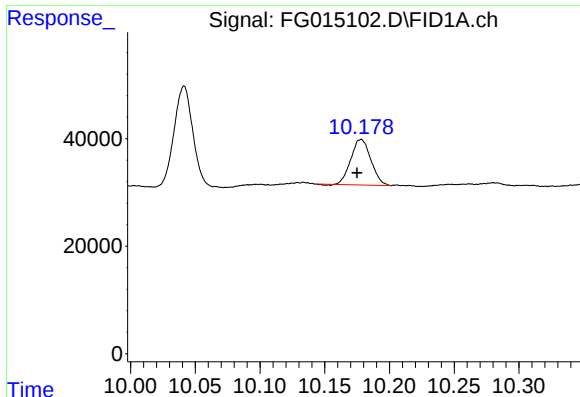
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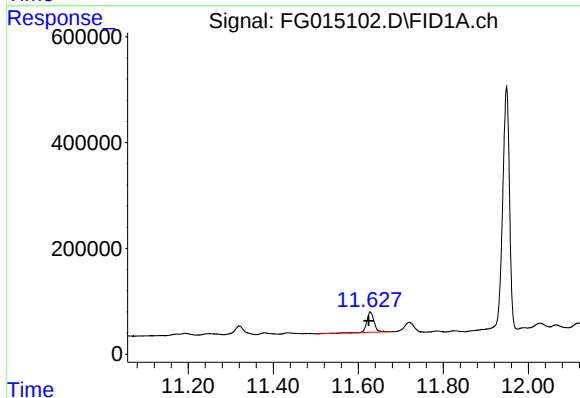




#7 n-Hexadecane (C16)

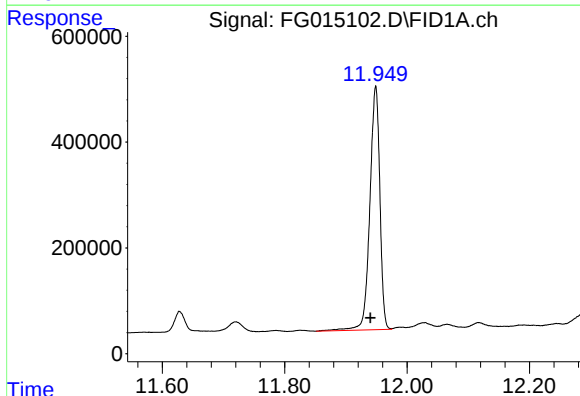
R.T.: 10.178 min
Delta R.T.: 0.003 min
Response: 91688
Conc: 0.63 ug/ml

Instrument :
FID_G
ClientSampleId :



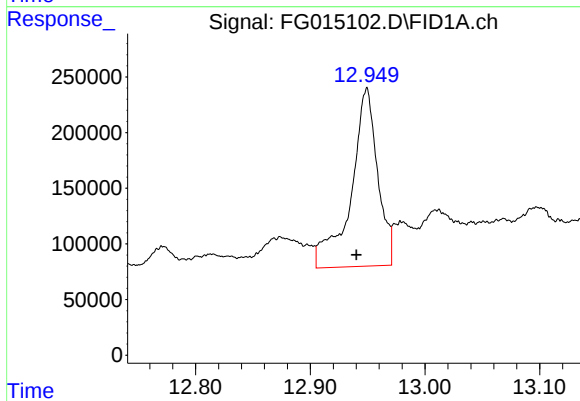
#8 n-Octadecane (C18)

R.T.: 11.628 min
Delta R.T.: 0.003 min
Response: 466948
Conc: 3.14 ug/ml



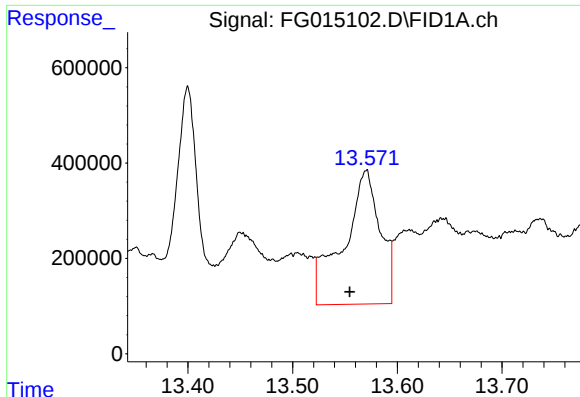
#9 ortho-Terphenyl (SURR)

R.T.: 11.949 min
Delta R.T.: 0.009 min
Response: 5228868
Conc: 33.44 ug/ml



#10 n-Eicosane (C20)

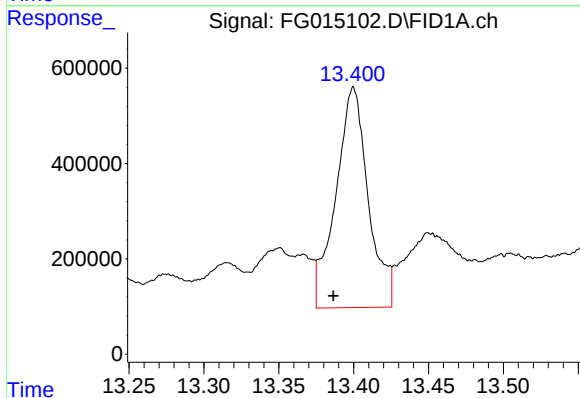
R.T.: 12.949 min
Delta R.T.: 0.009 min
Response: 2587047
Conc: 18.02 ug/ml



#11 n-Heneicosane (C21)

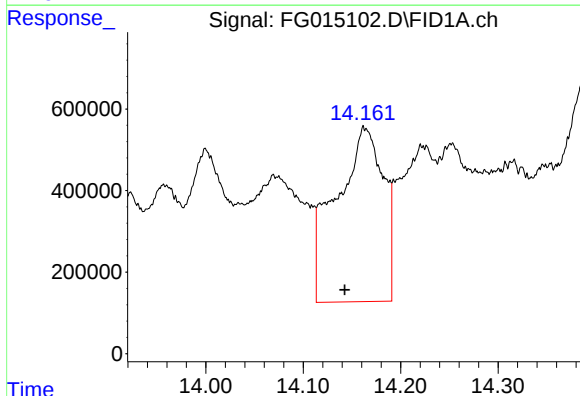
R.T.: 13.570 min
Delta R.T.: 0.016 min
Response: 6808395
Conc: 48.15 ug/ml

Instrument :
FID_G
ClientSampleId :



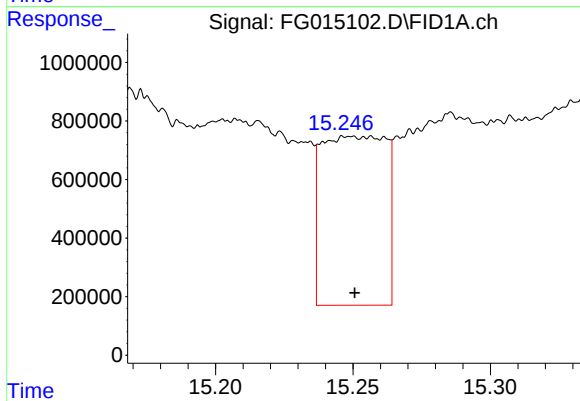
#12 1-chlorooctadecane (SURR)

R.T.: 13.400 min
Delta R.T.: 0.013 min
Response: 6986300
Conc: 57.38 ug/ml



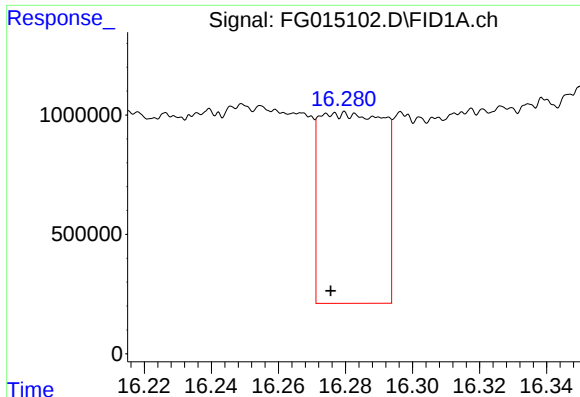
#13 n-Docosane (C22)

R.T.: 14.163 min
Delta R.T.: 0.020 min
Response: 14428560
Conc: 102.62 ug/ml



#14 n-Tetracosane (C24)

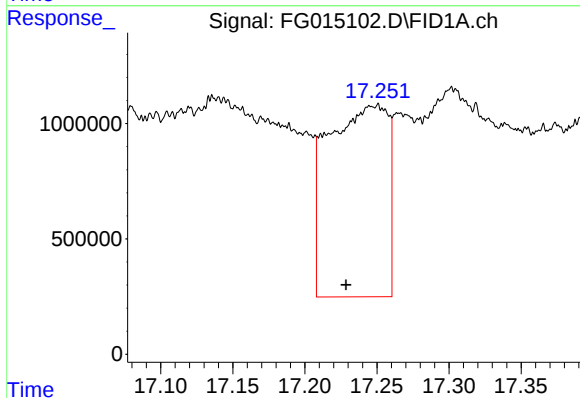
R.T.: 15.249 min
Delta R.T.: -0.002 min
Response: 9369577
Conc: 67.32 ug/ml



#15 n-Hexacosane (C26)

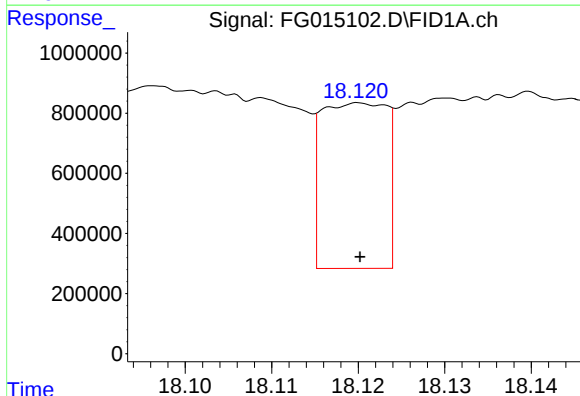
R.T.: 16.280 min
Delta R.T.: 0.004 min
Response: 10613260
Conc: 78.36 ug/ml

Instrument :
FID_G
ClientSampleId :



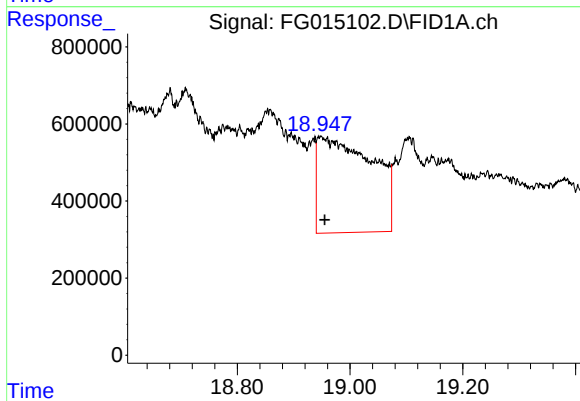
#16 n-Octacosane (C28)

R.T.: 17.250 min
Delta R.T.: 0.021 min
Response: 23946109
Conc: 181.97 ug/ml



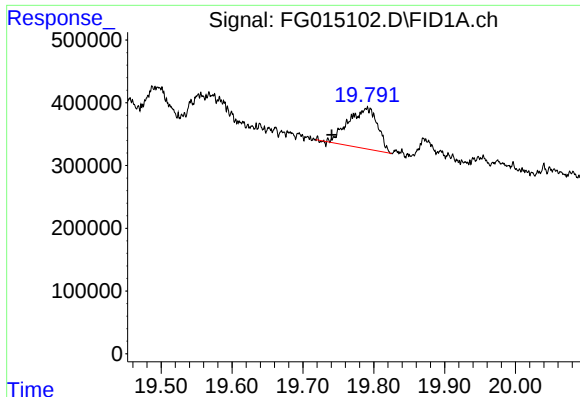
#17 n-Tricontane (C30)

R.T.: 18.121 min
Delta R.T.: 0.000 min
Response: 2842247
Conc: 21.43 ug/ml



#18 n-Dotriacontane (C32)

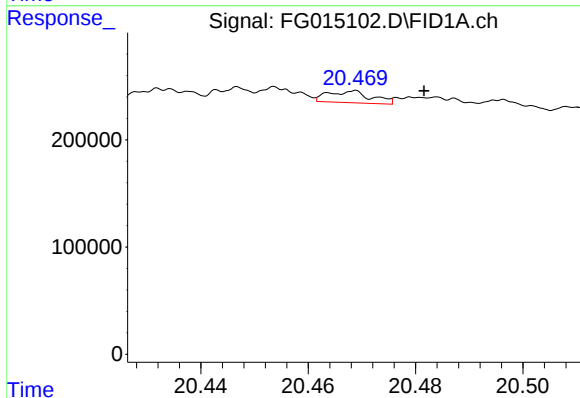
R.T.: 18.948 min
Delta R.T.: -0.007 min
Response: 16749904
Conc: 132.81 ug/ml



#19 n-Tetratriacontane (C34)

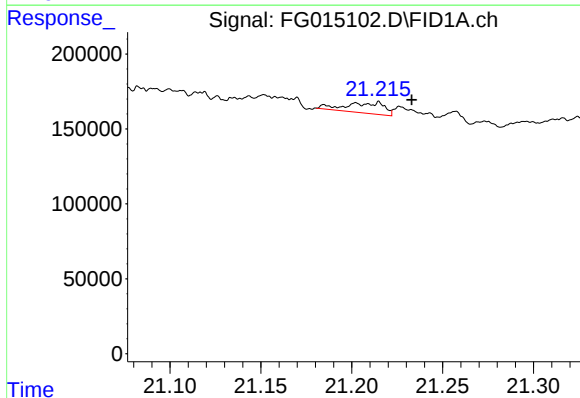
R.T.: 19.795 min
Delta R.T.: 0.054 min
Response: 1853763
Conc: 17.03 ug/ml

Instrument :
FID_G
ClientSampleId :



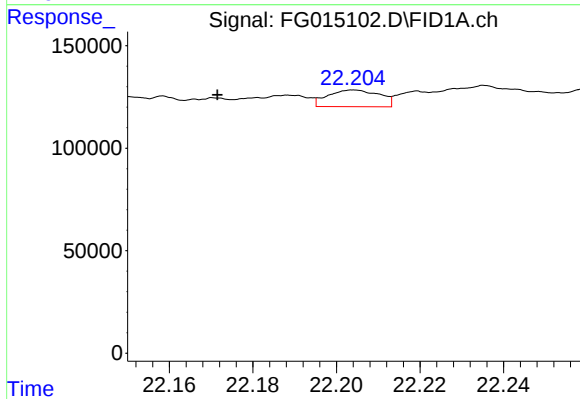
#20 n-Hexatriacontane (C36)

R.T.: 20.468 min
Delta R.T.: -0.013 min
Response: 61832
Conc: 0.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.215 min
Delta R.T.: -0.018 min
Response: 104948
Conc: 1.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.204 min
Delta R.T.: 0.033 min
Response: 70084
Conc: 0.83 ug/ml