

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011625AL\
 Data File : FG015101.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jan 2025 19:42
 Operator : YP\AJ
 Sample : Q1098-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 17 00:29:23 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)	11.951	7584503	48.511 ug/ml
Spiked Amount 50.000		Recovery =	97.02%
12) S 1-chlorooctadecane (S...	13.403	10316460	84.726 ug/ml
Spiked Amount 50.000		Recovery =	169.45%
Target Compounds			
6) T n-Tetradecane (C14)	8.564	62410	0.454 ug/ml
7) T n-Hexadecane (C16)	10.178	146032	1.008 ug/ml
8) T n-Octadecane (C18)	11.631	804231	5.411 ug/ml
10) T n-Eicosane (C20)	12.952	4027758	28.061 ug/ml
11) T n-Heneicosane (C21)	13.545	1656173	11.713 ug/ml
13) T n-Docosane (C22)	14.171	22654689	161.128 ug/ml
14) T n-Tetracosane (C24)	15.261	16315752	117.224 ug/ml
15) T n-Hexacosane (C26)	16.264	23464141	173.232 ug/ml
16) T n-Octacosane (C28)	17.233	8901938	67.645 ug/ml
17) T n-Tricontane (C30)	18.114	23111968	174.223 ug/ml
18) T n-Dotriacontane (C32)	18.968	16031323	127.108 ug/ml
19) T n-Tetratriacontane (C34)	19.794f	2694688	24.749 ug/ml
20) T n-Hexatriacontane (C36)	20.521	272640	2.920 ug/ml
22) T n-Tetracontane (C40)	22.166	144400	1.704 ug/ml

(f)=RT Delta > 1/2 Window

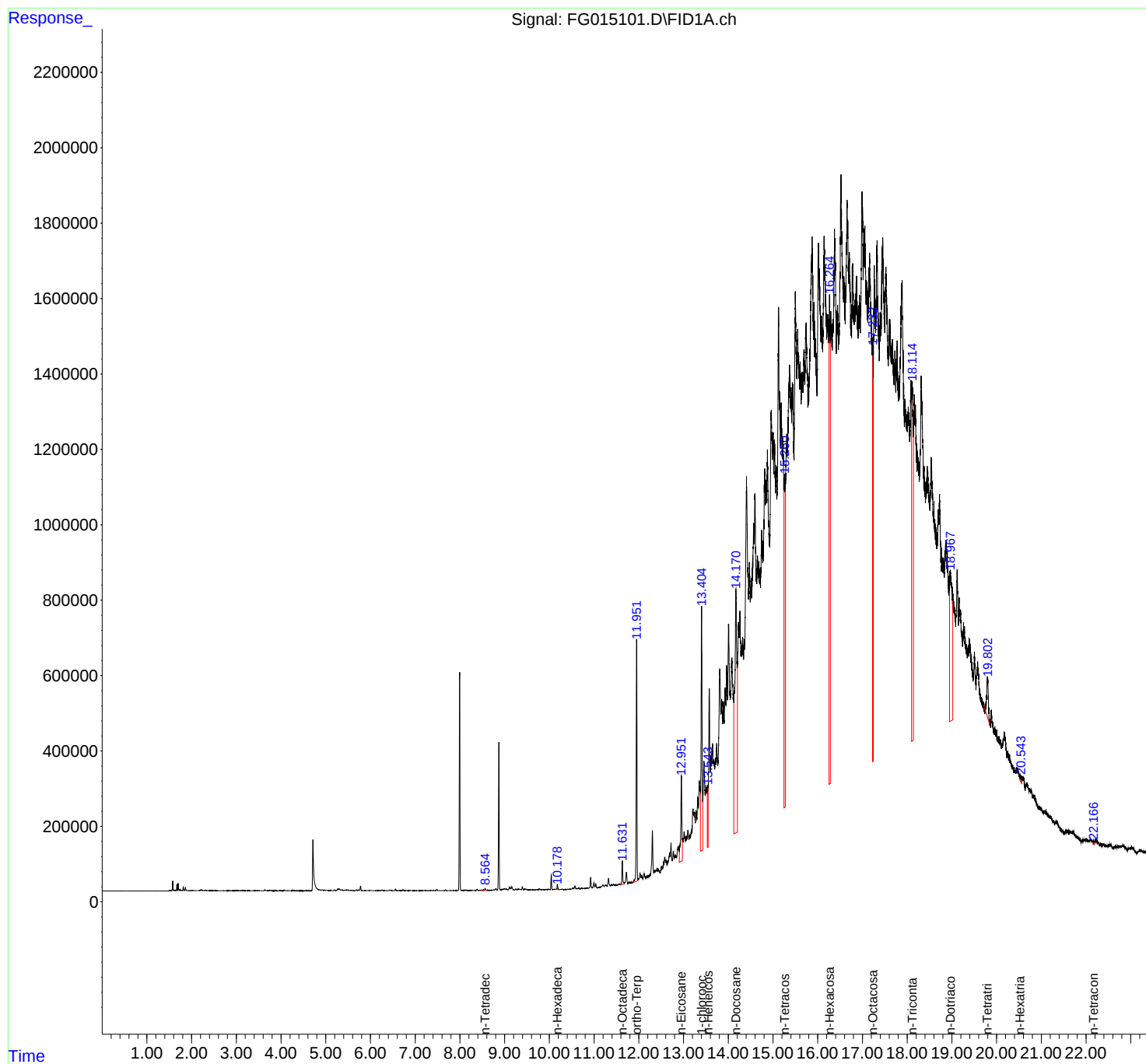
(m)=manual int.

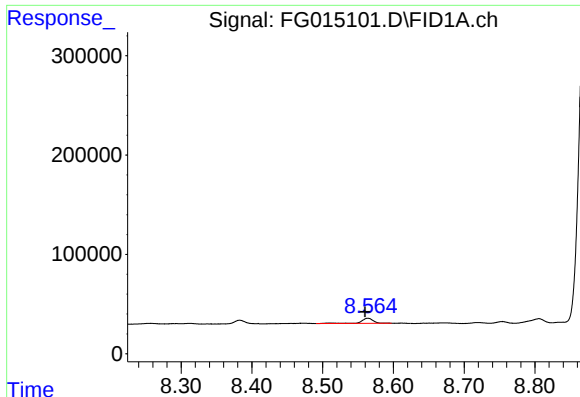
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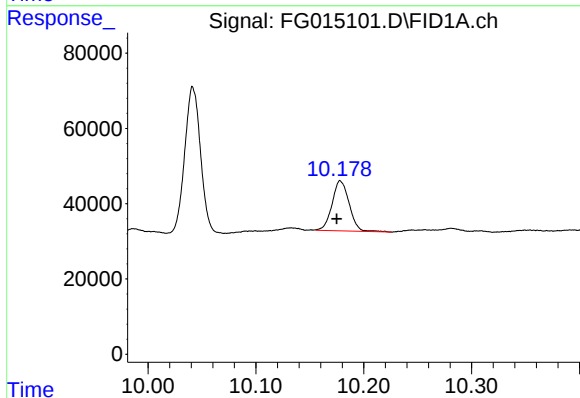




#6 n-Tetradecane (C14)

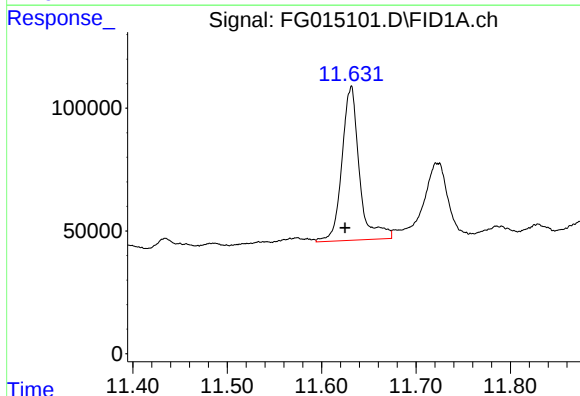
R.T.: 8.564 min
Delta R.T.: 0.004 min
Response: 62410
Conc: 0.45 ug/ml

Instrument :
FID_G
ClientSampleId :



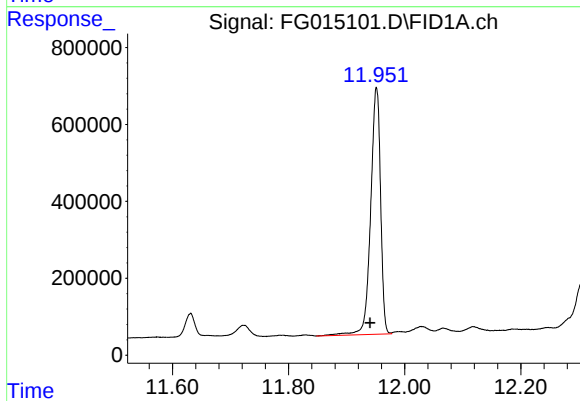
#7 n-Hexadecane (C16)

R.T.: 10.178 min
Delta R.T.: 0.003 min
Response: 146032
Conc: 1.01 ug/ml



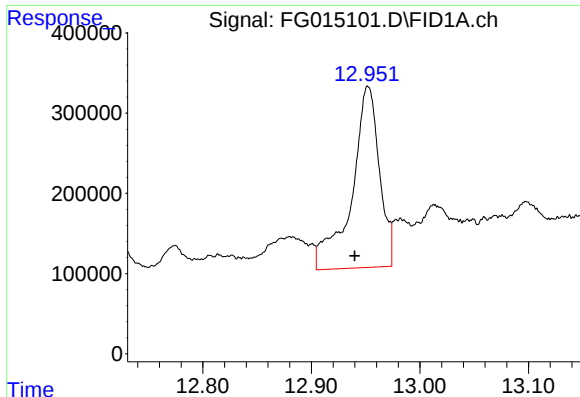
#8 n-Octadecane (C18)

R.T.: 11.631 min
Delta R.T.: 0.006 min
Response: 804231
Conc: 5.41 ug/ml



#9 ortho-Terphenyl (SURR)

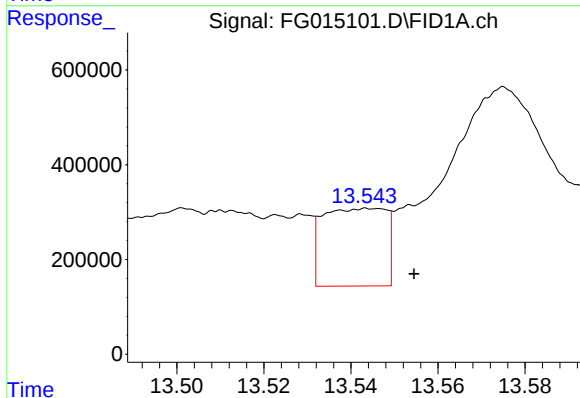
R.T.: 11.951 min
Delta R.T.: 0.011 min
Response: 7584503
Conc: 48.51 ug/ml



#10 n-Eicosane (C20)

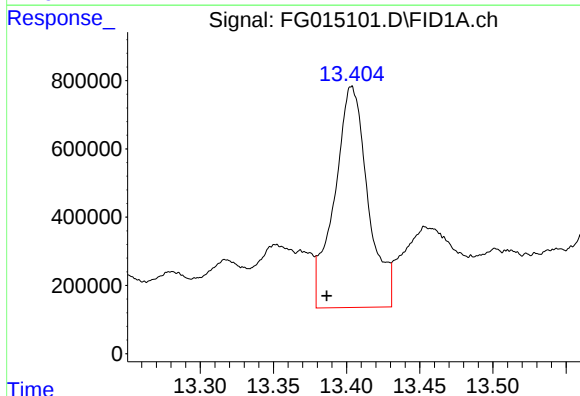
R.T.: 12.952 min
Delta R.T.: 0.012 min
Response: 4027758
Conc: 28.06 ug/ml

Instrument :
FID_G
ClientSampleId :



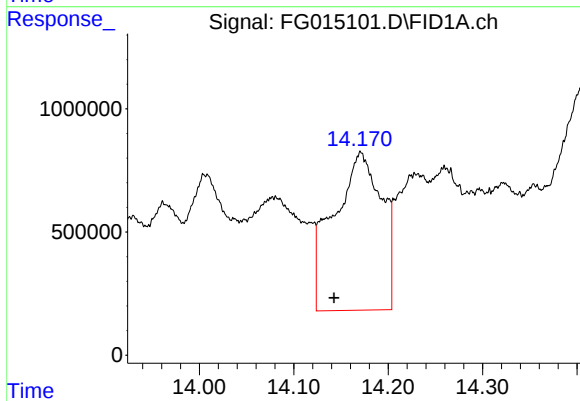
#11 n-Heneicosane (C21)

R.T.: 13.545 min
Delta R.T.: -0.010 min
Response: 1656173
Conc: 11.71 ug/ml



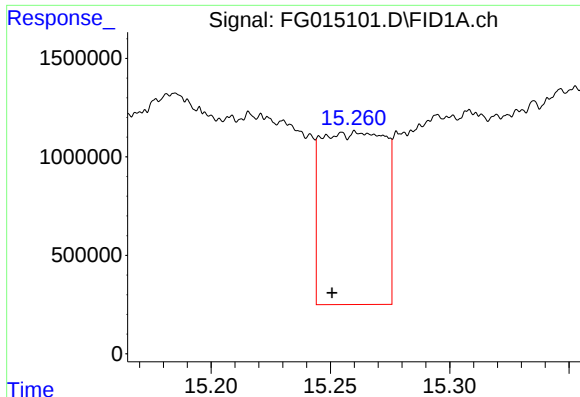
#12 1-chlorooctadecane (SURR)

R.T.: 13.403 min
Delta R.T.: 0.017 min
Response: 10316460
Conc: 84.73 ug/ml



#13 n-Docosane (C22)

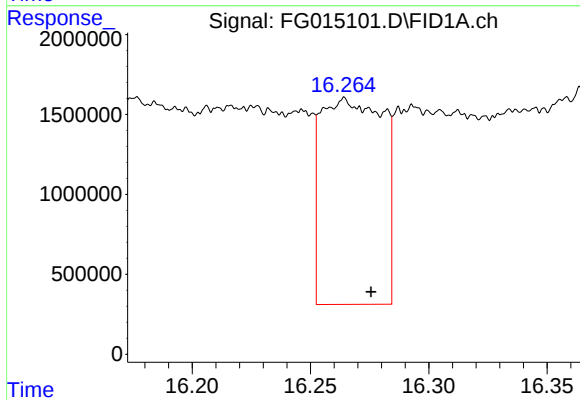
R.T.: 14.171 min
Delta R.T.: 0.028 min
Response: 22654689
Conc: 161.13 ug/ml



#14 n-Tetracosane (C24)

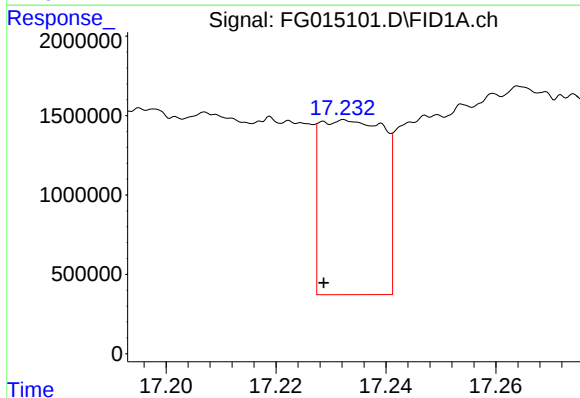
R.T.: 15.261 min
Delta R.T.: 0.011 min
Response: 16315752
Conc: 117.22 ug/ml

Instrument :
FID_G
ClientSampleId :



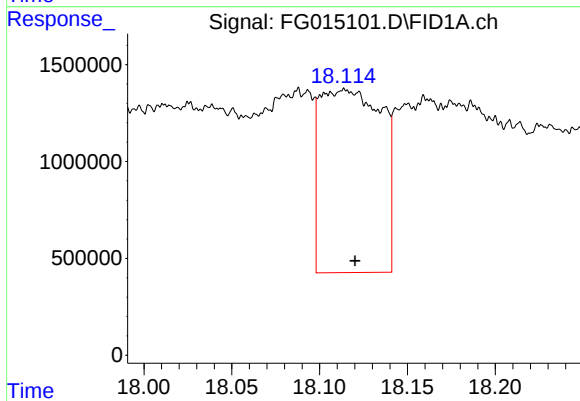
#15 n-Hexacosane (C26)

R.T.: 16.264 min
Delta R.T.: -0.011 min
Response: 23464141
Conc: 173.23 ug/ml



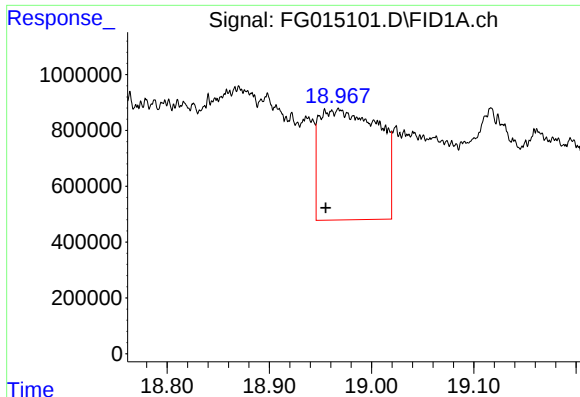
#16 n-Octacosane (C28)

R.T.: 17.233 min
Delta R.T.: 0.004 min
Response: 8901938
Conc: 67.65 ug/ml



#17 n-Tricontane (C30)

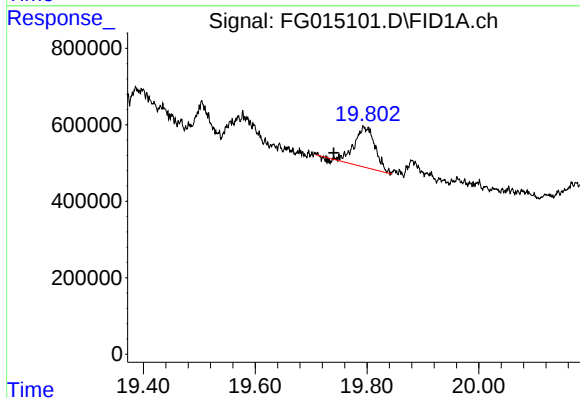
R.T.: 18.114 min
Delta R.T.: -0.006 min
Response: 23111968
Conc: 174.22 ug/ml



#18 n-Dotriacontane (C32)

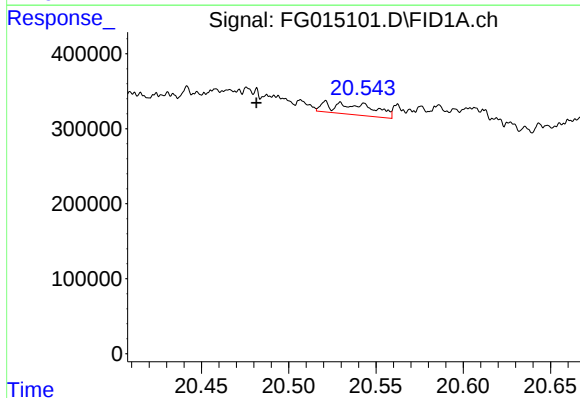
R.T.: 18.968 min
Delta R.T.: 0.013 min
Response: 16031323
Conc: 127.11 ug/ml

Instrument :
FID_G
ClientSampleId :



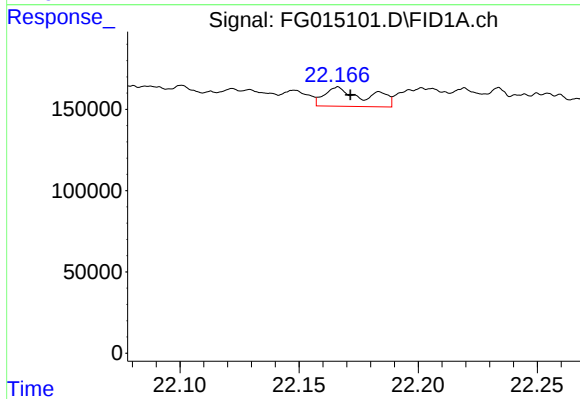
#19 n-Tetratriacontane (C34)

R.T.: 19.794 min
Delta R.T.: 0.053 min
Response: 2694688
Conc: 24.75 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.521 min
Delta R.T.: 0.039 min
Response: 272640
Conc: 2.92 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.166 min
Delta R.T.: -0.005 min
Response: 144400
Conc: 1.70 ug/ml