

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061623AL\
 Data File : FC063862.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jun 2023 19:09
 Operator : YP/AJ
 Sample : 03222-21
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 17 00:12:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:12:33 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)	11.527	166717	0.914 ug/ml
Spiked Amount 50.000		Recovery =	1.83%
12) S 1-chlorooctadecane (S...	12.966	6365843	49.822 ug/ml
Spiked Amount 50.000		Recovery =	99.64%
Target Compounds			
6) T n-Tetradecane (C14)	8.177	207085	1.317 ug/ml
7) T n-Hexadecane (C16)	9.776	268255	1.686 ug/ml
8) T n-Octadecane (C18)	11.214	188867	1.194 ug/ml
10) T n-Eicosane (C20)	12.519	107165	0.725 ug/ml
13) T n-Docosane (C22)	13.716	89352	0.634 ug/ml
14) T n-Tetracosane (C24)	14.816	103186	0.752 ug/ml
15) T n-Hexacosane (C26)	15.833	149441	1.127 ug/ml
16) T n-Octacosane (C28)	16.781	263833	2.078 ug/ml
17) T n-Tricontane (C30)	17.664	190627	1.492 ug/ml
18) T n-Dotriacontane (C32)	18.496	158664	1.275 ug/ml
19) T n-Tetratriacontane (C34)	19.278	198381	1.609 ug/ml
20) T n-Hexatriacontane (C36)	20.013	98226	0.818 ug/ml
21) T n-Octatriacontane (C38)	20.738	160817	1.332 ug/ml
22) T n-Tetracontane (C40)	21.631	235061	1.940 ug/ml

(f)=RT Delta > 1/2 Window

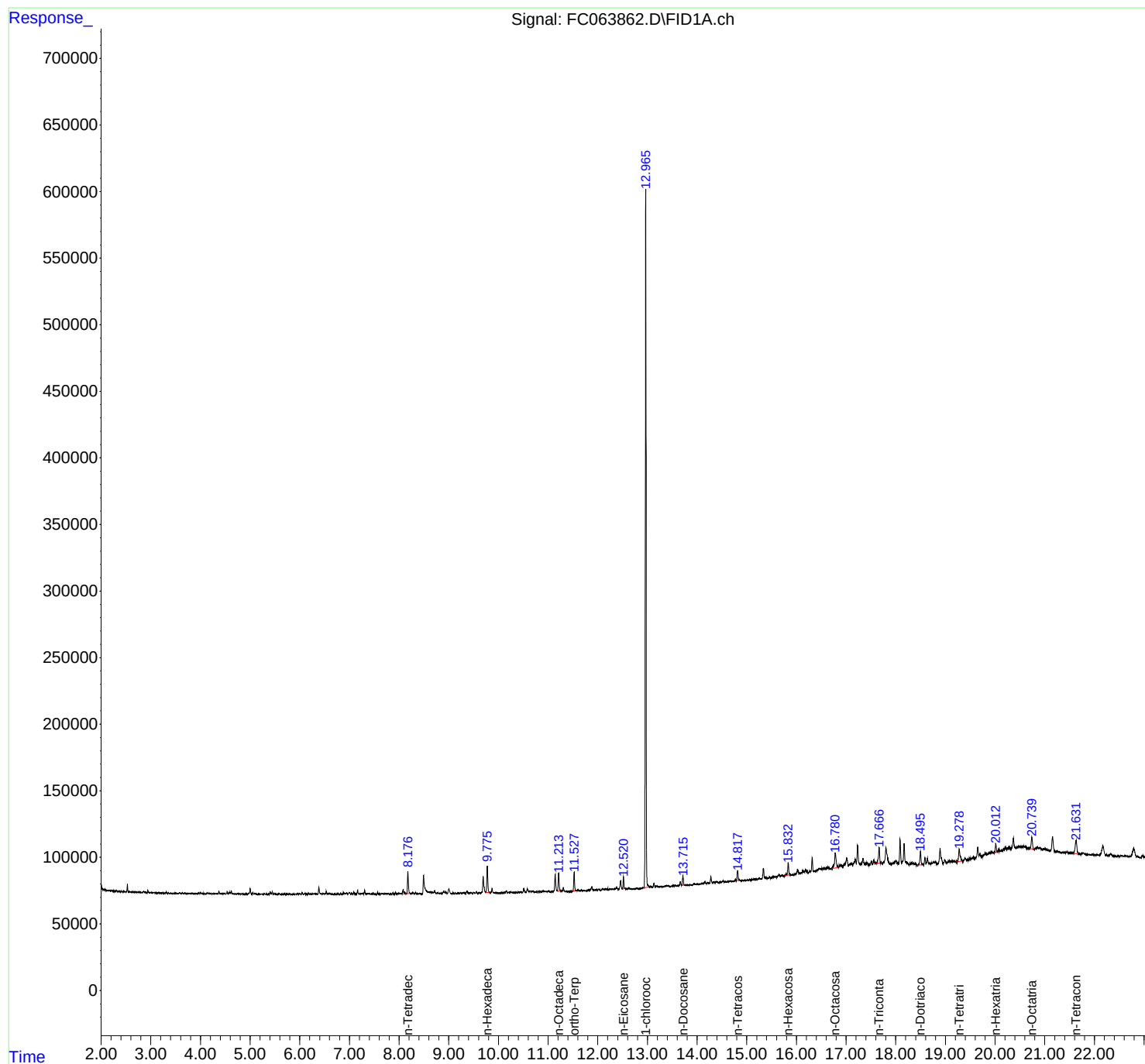
(m)=manual int.

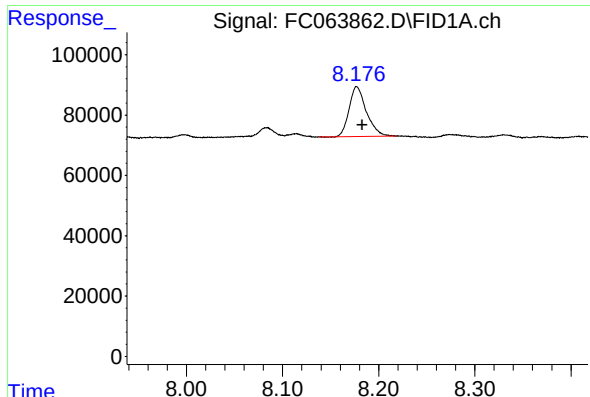
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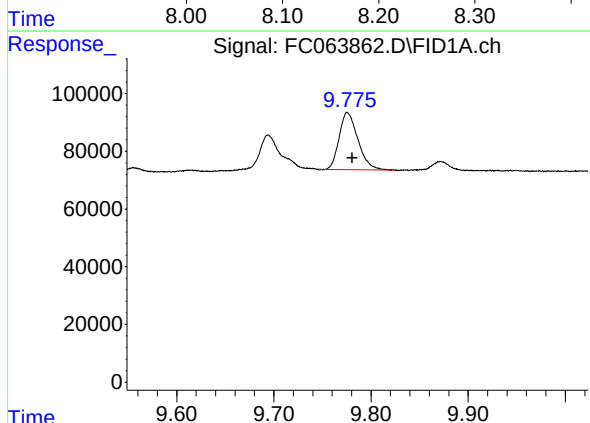




#6 n-Tetradecane (C14)

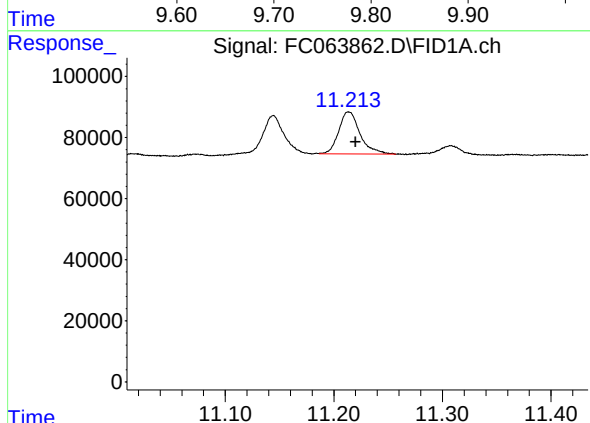
R.T.: 8.177 min
Delta R.T.: -0.006 min
Response: 207085
Conc: 1.32 ug/ml

Instrument :
FID_C
ClientSampleId :



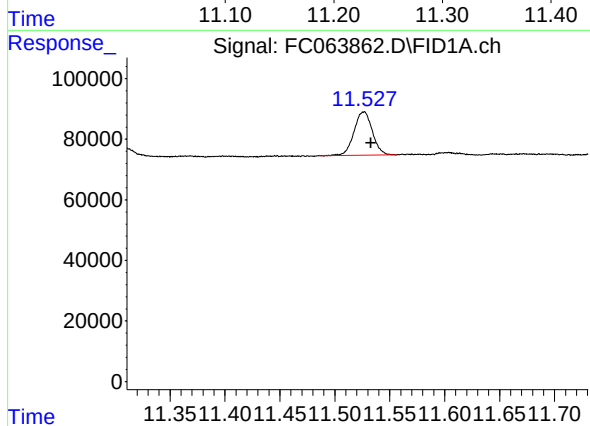
#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: -0.005 min
Response: 268255
Conc: 1.69 ug/ml



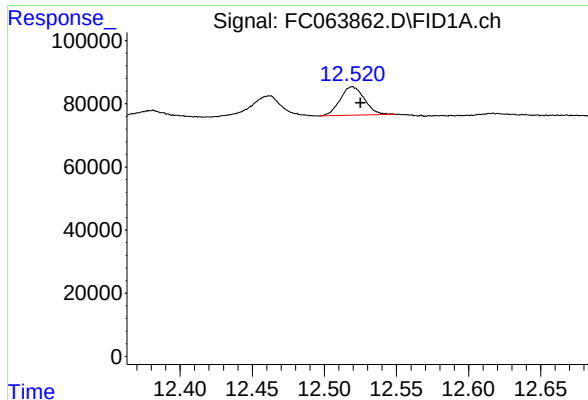
#8 n-Octadecane (C18)

R.T.: 11.214 min
Delta R.T.: -0.006 min
Response: 188867
Conc: 1.19 ug/ml



#9 ortho-Terphenyl (SURR)

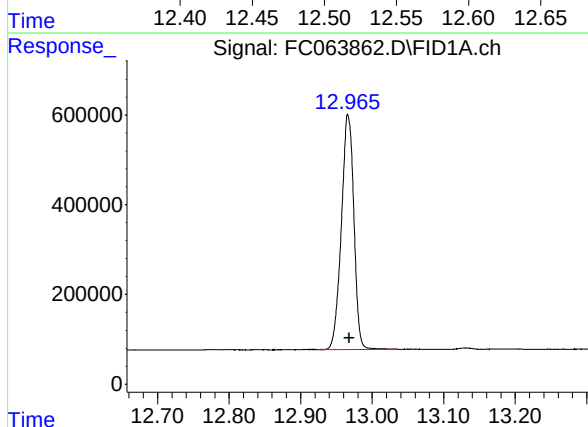
R.T.: 11.527 min
Delta R.T.: -0.006 min
Response: 166717
Conc: 0.91 ug/ml



#10 n-Eicosane (C20)

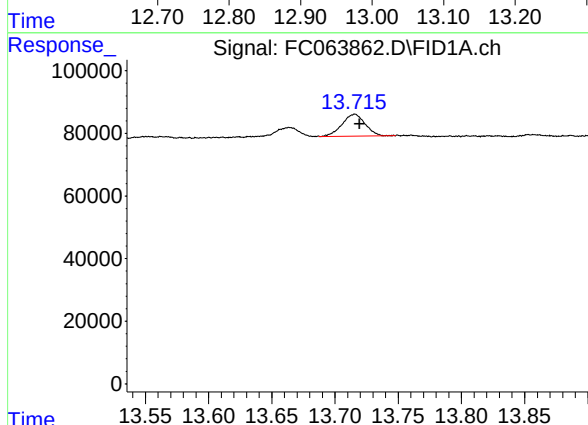
R.T.: 12.519 min
Delta R.T.: -0.006 min
Response: 107165
Conc: 0.72 ug/ml

Instrument :
FID_C
ClientSampleId :



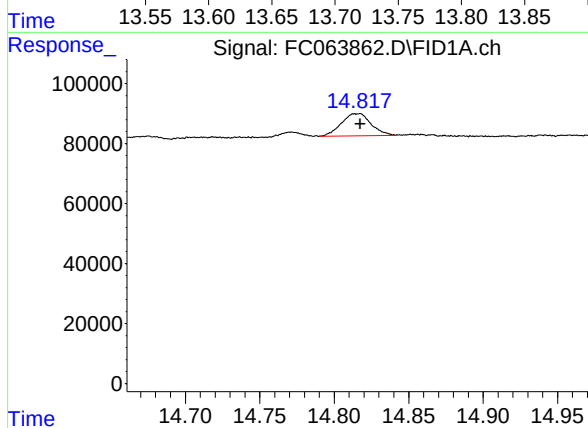
#12 1-chlorooctadecane (SURR)

R.T.: 12.966 min
Delta R.T.: -0.002 min
Response: 6365843
Conc: 49.82 ug/ml



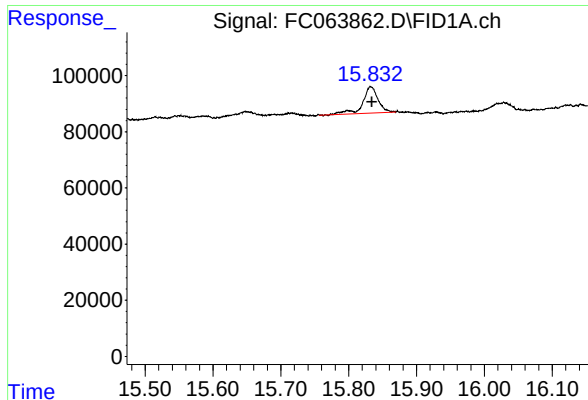
#13 n-Docosane (C22)

R.T.: 13.716 min
Delta R.T.: -0.004 min
Response: 89352
Conc: 0.63 ug/ml



#14 n-Tetracosane (C24)

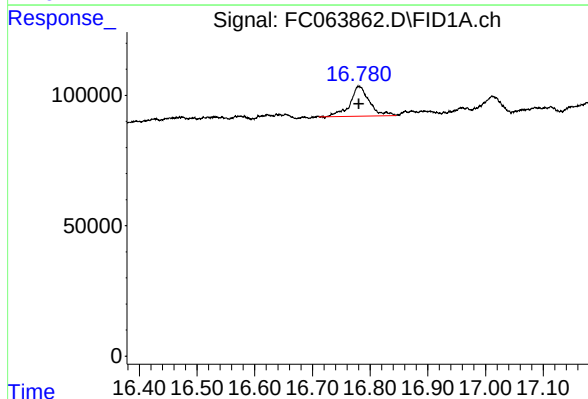
R.T.: 14.816 min
Delta R.T.: -0.002 min
Response: 103186
Conc: 0.75 ug/ml



#15 n-Hexacosane (C26)

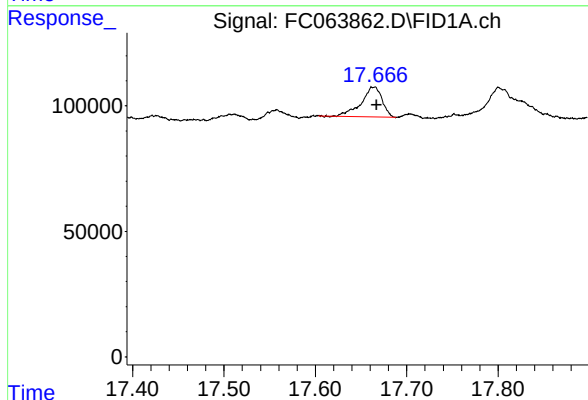
R.T.: 15.833 min
Delta R.T.: -0.002 min
Response: 149441
Conc: 1.13 ug/ml

Instrument :
FID_C
ClientSampleId :



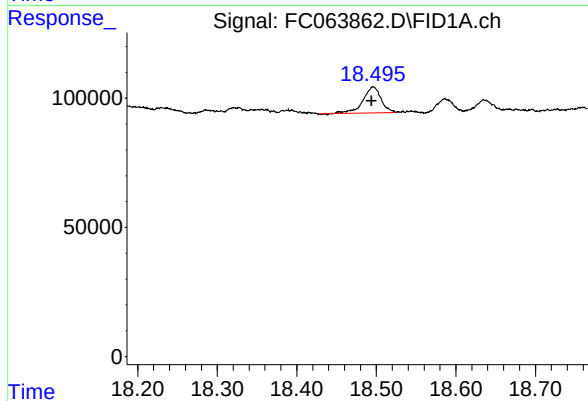
#16 n-Octacosane (C28)

R.T.: 16.781 min
Delta R.T.: 0.000 min
Response: 263833
Conc: 2.08 ug/ml



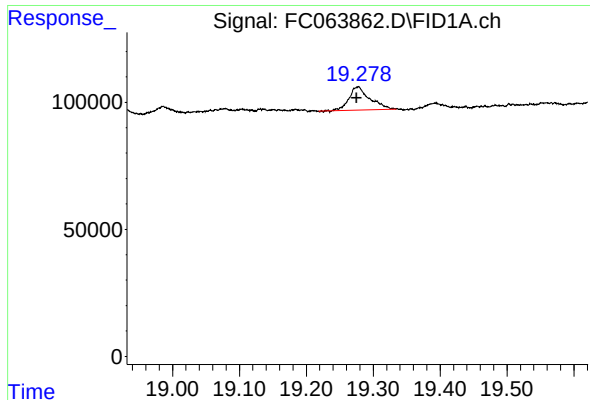
#17 n-Tricontane (C30)

R.T.: 17.664 min
Delta R.T.: -0.003 min
Response: 190627
Conc: 1.49 ug/ml



#18 n-Dotriacontane (C32)

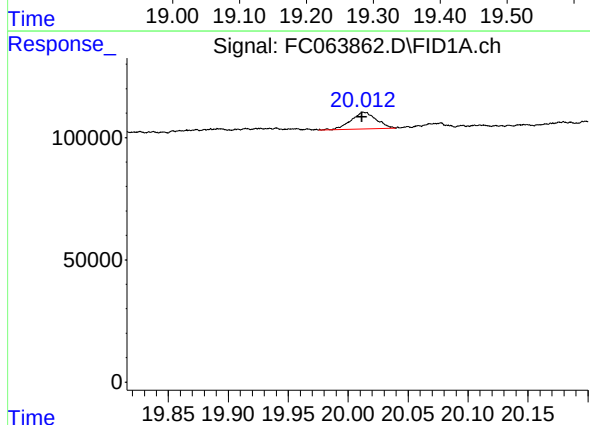
R.T.: 18.496 min
Delta R.T.: 0.002 min
Response: 158664
Conc: 1.28 ug/ml



#19 n-Tetratriacontane (C34)

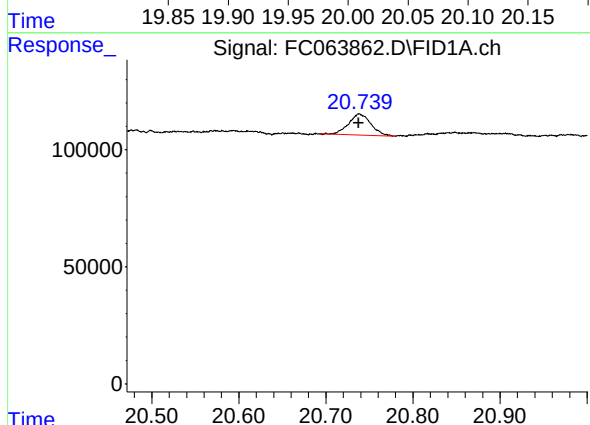
R.T.: 19.278 min
Delta R.T.: 0.003 min
Response: 198381
Conc: 1.61 ug/ml

Instrument :
FID_C
ClientSampleId :



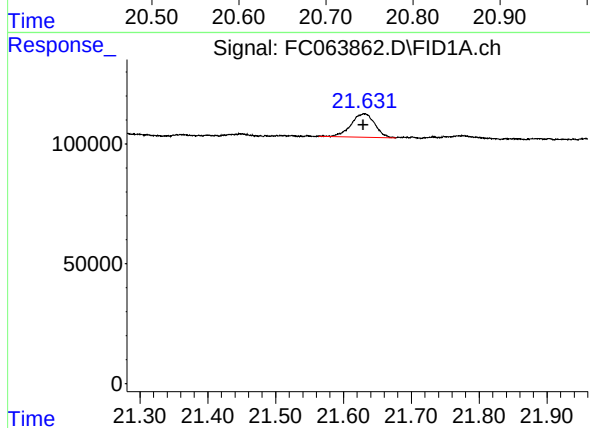
#20 n-Hexatriacontane (C36)

R.T.: 20.013 min
Delta R.T.: 0.002 min
Response: 98226
Conc: 0.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.738 min
Delta R.T.: 0.000 min
Response: 160817
Conc: 1.33 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.631 min
Delta R.T.: 0.002 min
Response: 235061
Conc: 1.94 ug/ml