

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060523AL\
 Data File : FC063723.D
 Signal(s) : FID1A.ch
 Acq On : 05 Jun 2023 07:58
 Operator : YP/AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 06 02:32:38 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)	11.487	73564	0.403 ug/ml
Spiked Amount 50.000		Recovery =	0.81%
12) S 1-chlorooctadecane (S...	12.972	15926	0.125 ug/ml
Spiked Amount 50.000		Recovery =	0.25%
Target Compounds			
4) T n-Dodecane (C12)	6.384	18904	0.116 ug/ml
6) T n-Tetradecane (C14)	8.175	14390	0.091 ug/ml
10) T n-Eicosane (C20)	12.549	108168	0.731 ug/ml
11) T n-Heneicosane (C21)	13.157	181937	1.264 ug/ml
13) T n-Docosane (C22)	13.711	63064	0.448 ug/ml
14) T n-Tetracosane (C24)	14.816	132907	0.969 ug/ml
15) T n-Hexacosane (C26)	15.836	66501	0.502 ug/ml
16) T n-Octacosane (C28)	16.782	24952	0.197 ug/ml
17) T n-Tricontane (C30)	17.669	40879	0.320 ug/ml
18) T n-Dotriacontane (C32)	18.498	321853	2.587 ug/ml
19) T n-Tetratriacontane (C34)	19.277	920363	7.465 ug/ml
20) T n-Hexatriacontane (C36)	20.014	870803	7.255 ug/ml
21) T n-Octatriacontane (C38)	20.739	347481	2.878 ug/ml
22) T n-Tetracontane (C40)	21.632	98828	0.816 ug/ml

(f)=RT Delta > 1/2 Window

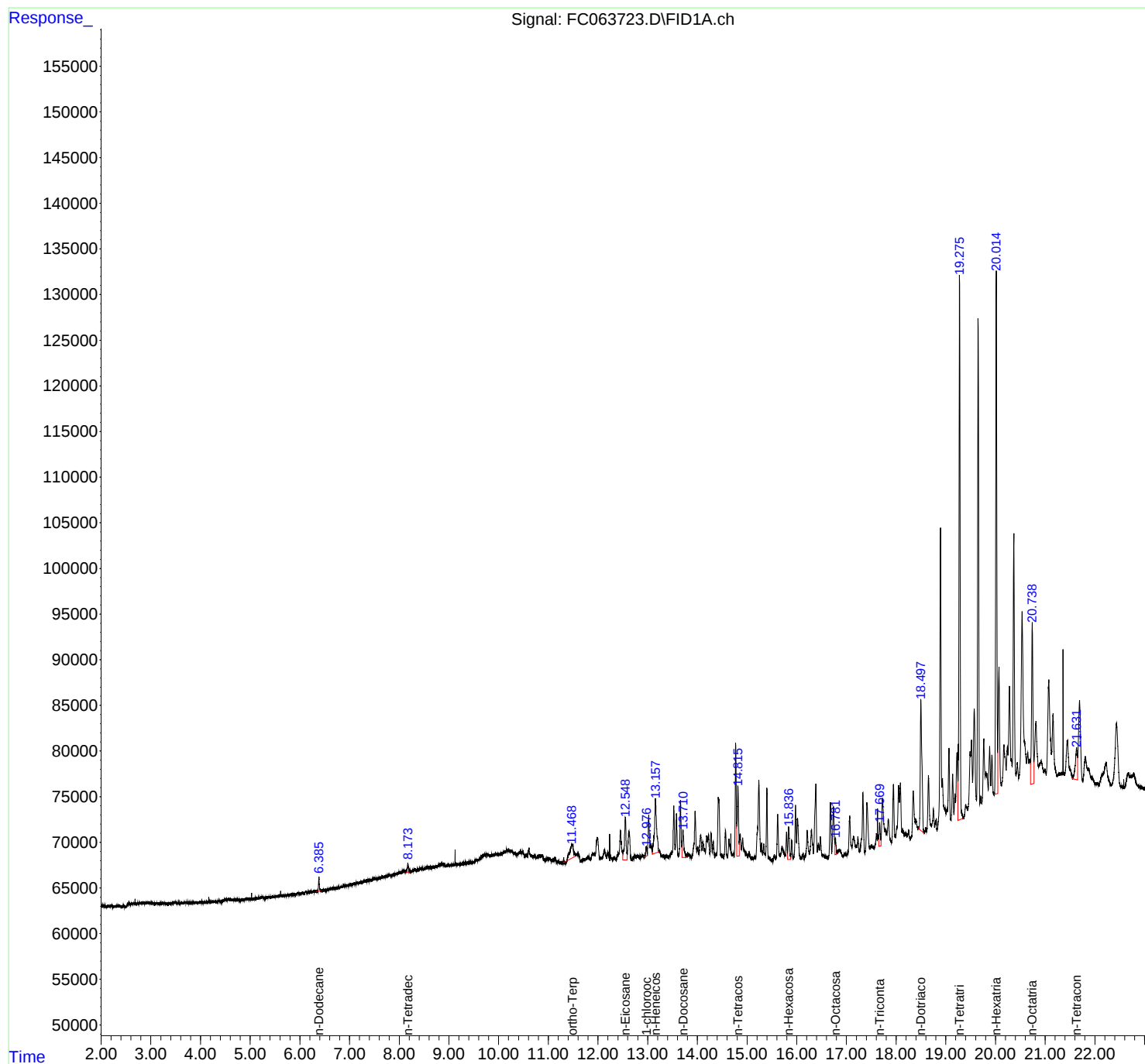
(m)=manual int.

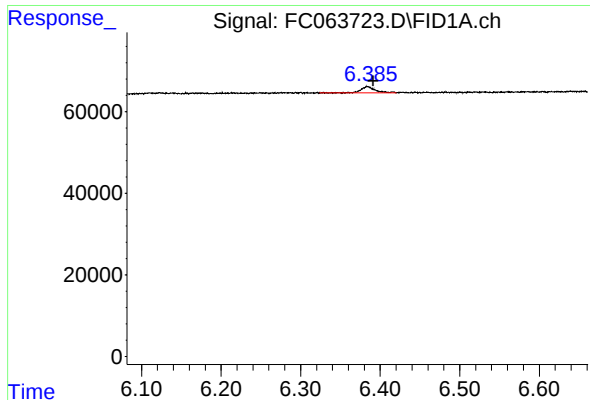
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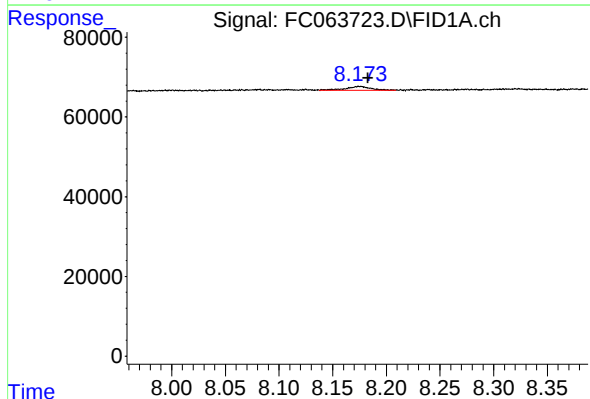




#4 n-Dodecane (C12)

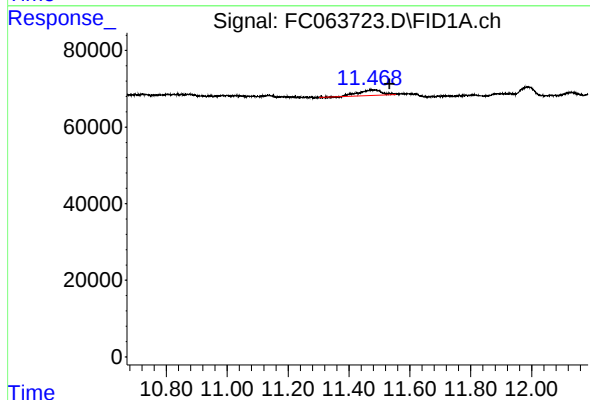
R.T.: 6.384 min
Delta R.T.: -0.007 min
Response: 18904
Conc: 0.12 ug/ml

Instrument :
FID_C
ClientSampleId :



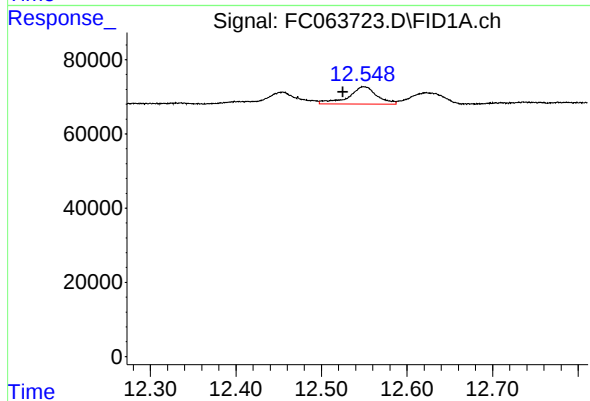
#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: -0.008 min
Response: 14390
Conc: 0.09 ug/ml



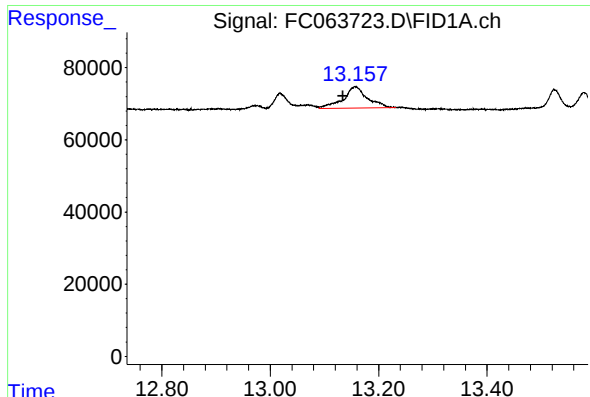
#9 ortho-Terphenyl (SURR)

R.T.: 11.487 min
Delta R.T.: -0.046 min
Response: 73564
Conc: 0.40 ug/ml



#10 n-Eicosane (C20)

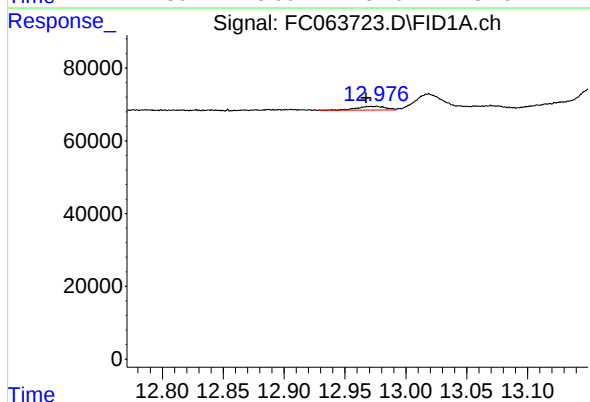
R.T.: 12.549 min
Delta R.T.: 0.024 min
Response: 108168
Conc: 0.73 ug/ml



#11 n-Heneicosane (C21)

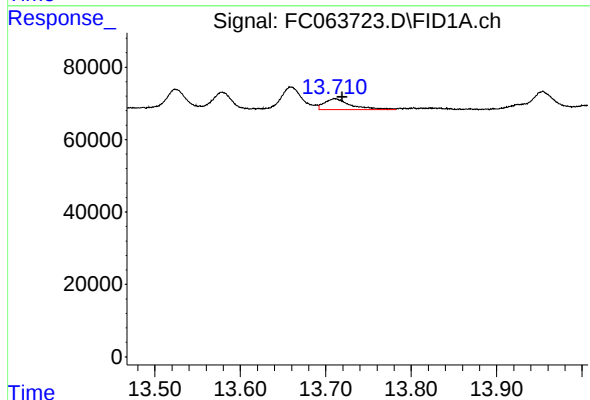
R.T.: 13.157 min
Delta R.T.: 0.023 min
Response: 181937
Conc: 1.26 ug/ml

Instrument :
FID_C
ClientSampleId :



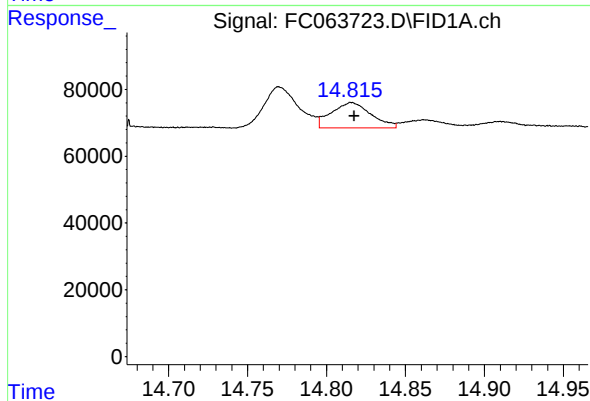
#12 1-chlorooctadecane (SURR)

R.T.: 12.972 min
Delta R.T.: 0.005 min
Response: 15926
Conc: 0.12 ug/ml



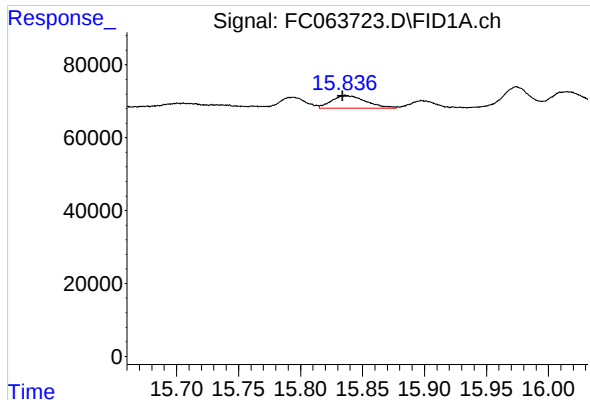
#13 n-Docosane (C22)

R.T.: 13.711 min
Delta R.T.: -0.009 min
Response: 63064
Conc: 0.45 ug/ml



#14 n-Tetracosane (C24)

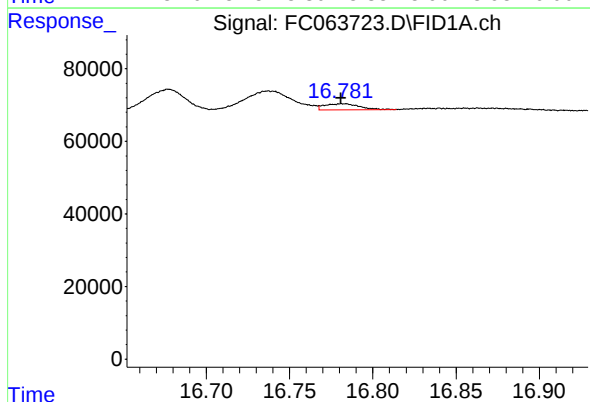
R.T.: 14.816 min
Delta R.T.: -0.002 min
Response: 132907
Conc: 0.97 ug/ml



#15 n-Hexacosane (C26)

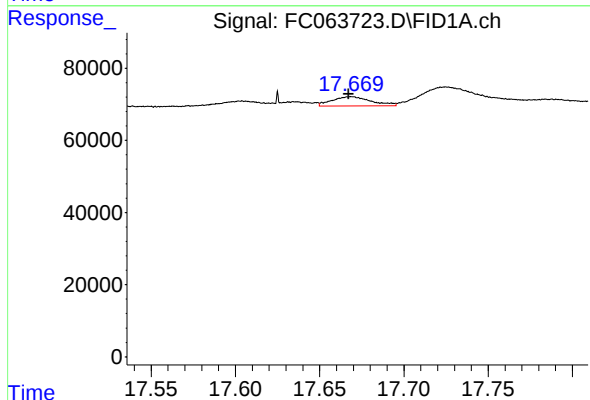
R.T.: 15.836 min
Delta R.T.: 0.002 min
Response: 66501
Conc: 0.50 ug/ml

Instrument :
FID_C
ClientSampleId :



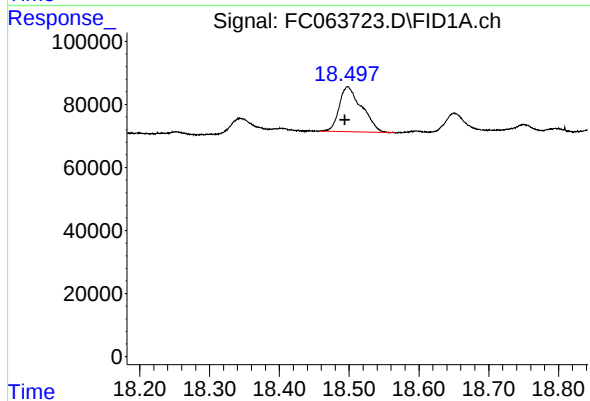
#16 n-Octacosane (C28)

R.T.: 16.782 min
Delta R.T.: 0.002 min
Response: 24952
Conc: 0.20 ug/ml



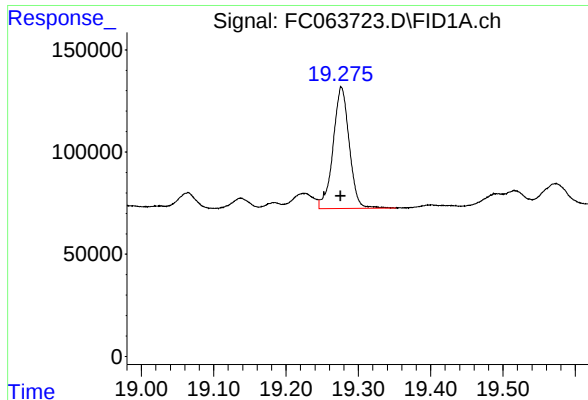
#17 n-Tricontane (C30)

R.T.: 17.669 min
Delta R.T.: 0.002 min
Response: 40879
Conc: 0.32 ug/ml



#18 n-Dotriacontane (C32)

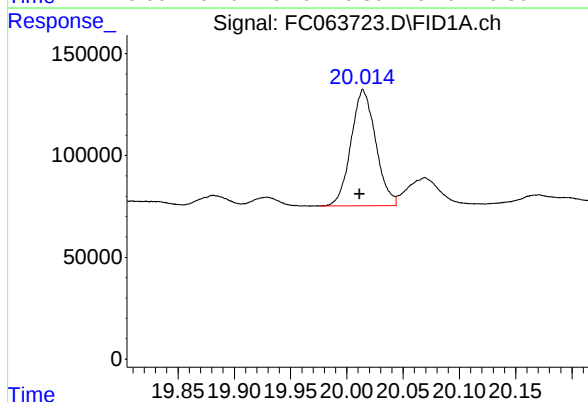
R.T.: 18.498 min
Delta R.T.: 0.004 min
Response: 321853
Conc: 2.59 ug/ml



#19 n-Tetratriacontane (C34)

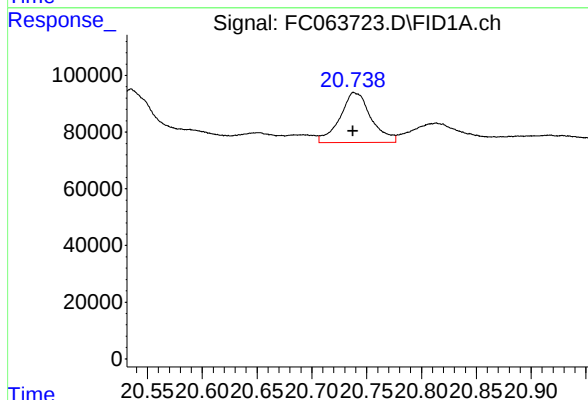
R.T.: 19.277 min
Delta R.T.: 0.001 min
Response: 920363
Conc: 7.46 ug/ml

Instrument :
FID_C
ClientSampleId :



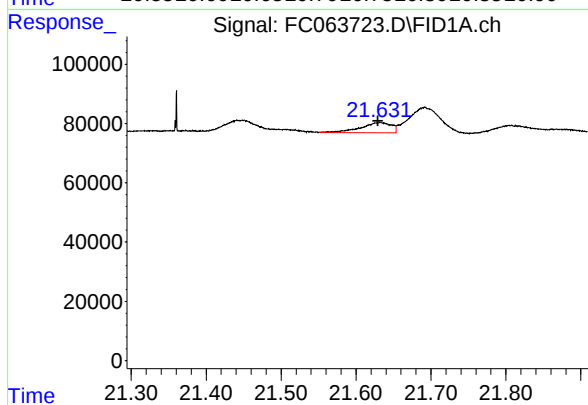
#20 n-Hexatriacontane (C36)

R.T.: 20.014 min
Delta R.T.: 0.003 min
Response: 870803
Conc: 7.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.739 min
Delta R.T.: 0.000 min
Response: 347481
Conc: 2.88 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.632 min
Delta R.T.: 0.002 min
Response: 98828
Conc: 0.82 ug/ml