

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060523AL\
 Data File : FC063743.D
 Signal(s) : FID1A.ch
 Acq On : 05 Jun 2023 20:56
 Operator : YP/AJ
 Sample : 03029-15D
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 06 02:35:44 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)	11.535	5867487	32.153 ug/ml
Spiked Amount 50.000		Recovery =	64.31%
12) S 1-chlorooctadecane (S...	12.970	4264996	33.380 ug/ml
Spiked Amount 50.000		Recovery =	66.76%
Target Compounds			
7) T n-Hexadecane (C16)	9.725f	12005	0.075 ug/ml
8) T n-Octadecane (C18)	11.220	16848	0.106 ug/ml
10) T n-Eicosane (C20)	12.525	18112	0.122 ug/ml
11) T n-Heneicosane (C21)	13.133	3749	0.026 ug/ml
13) T n-Docosane (C22)	13.716	16851	0.120 ug/ml
14) T n-Tetracosane (C24)	14.819	33423	0.244 ug/ml
15) T n-Hexacosane (C26)	15.839	59144	0.446 ug/ml
16) T n-Octacosane (C28)	16.790	176533	1.390 ug/ml
17) T n-Tricontane (C30)	17.666	265869	2.081 ug/ml
18) T n-Dotriacontane (C32)	18.493	256756	2.063 ug/ml
19) T n-Tetratriacontane (C34)	19.277	146479	1.188 ug/ml
20) T n-Hexatriacontane (C36)	20.014	93162	0.776 ug/ml
21) T n-Octatriacontane (C38)	20.744	481170	3.985 ug/ml
22) T n-Tetracontane (C40)	21.644	428540	3.537 ug/ml

(f)=RT Delta > 1/2 Window

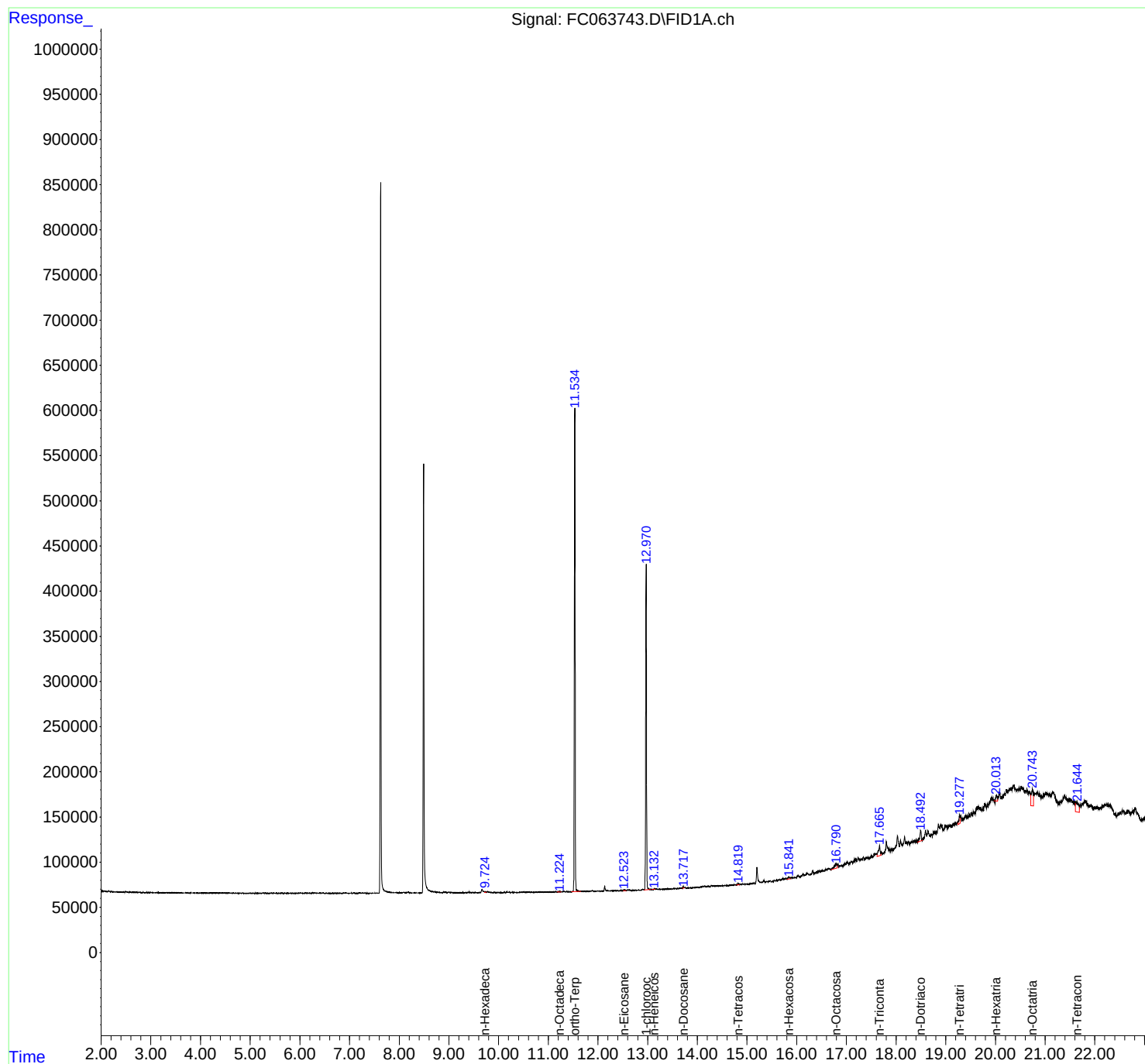
(m)=manual int.

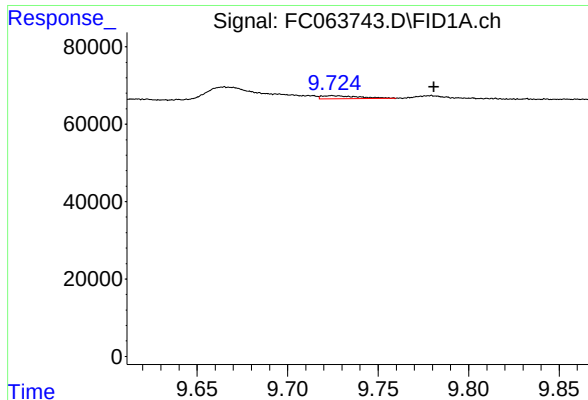
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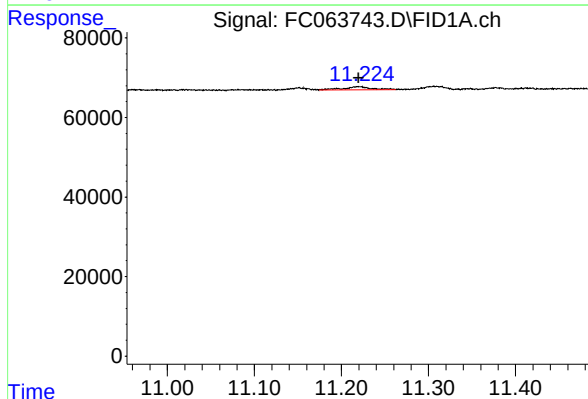




#7 n-Hexadecane (C16)

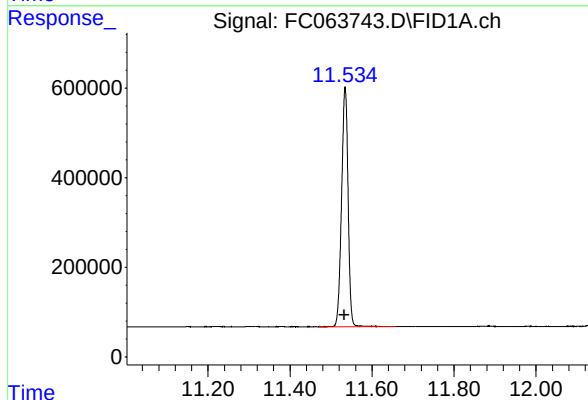
R.T.: 9.725 min
Delta R.T.: -0.056 min
Response: 12005
Conc: 0.08 ug/ml

Instrument :
FID_C
ClientSampleId :



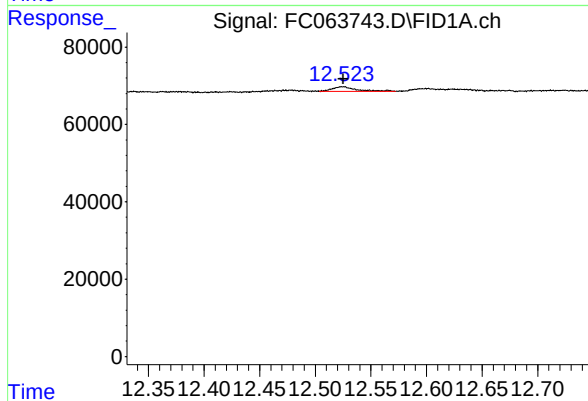
#8 n-Octadecane (C18)

R.T.: 11.220 min
Delta R.T.: 0.000 min
Response: 16848
Conc: 0.11 ug/ml



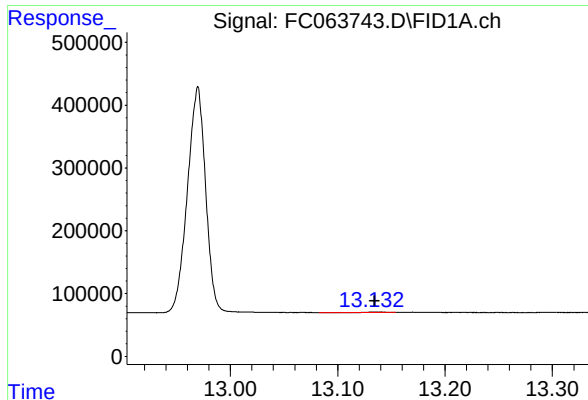
#9 ortho-Terphenyl (SURR)

R.T.: 11.535 min
Delta R.T.: 0.002 min
Response: 5867487
Conc: 32.15 ug/ml



#10 n-Eicosane (C20)

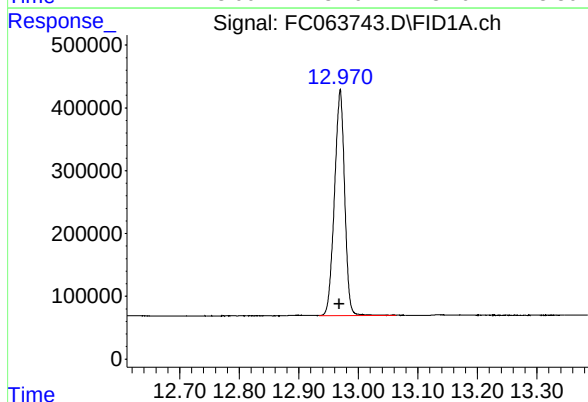
R.T.: 12.525 min
Delta R.T.: 0.000 min
Response: 18112
Conc: 0.12 ug/ml



#11 n-Heneicosane (C21)

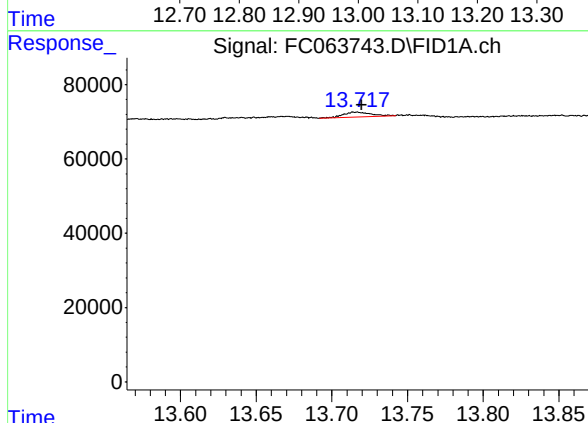
R.T.: 13.133 min
Delta R.T.: -0.002 min
Response: 3749
Conc: 0.03 ug/ml

Instrument :
FID_C
ClientSampleId :



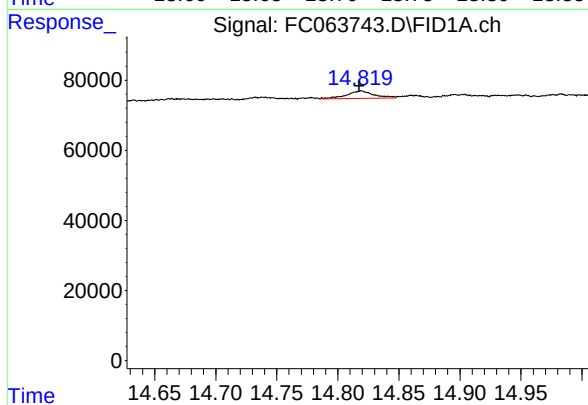
#12 1-chlorooctadecane (SURR)

R.T.: 12.970 min
Delta R.T.: 0.002 min
Response: 4264996
Conc: 33.38 ug/ml



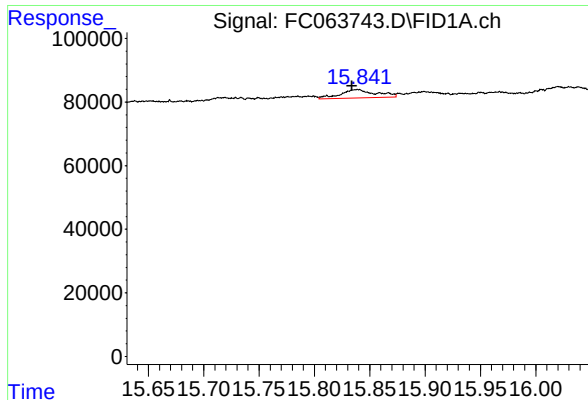
#13 n-Docosane (C22)

R.T.: 13.716 min
Delta R.T.: -0.004 min
Response: 16851
Conc: 0.12 ug/ml



#14 n-Tetracosane (C24)

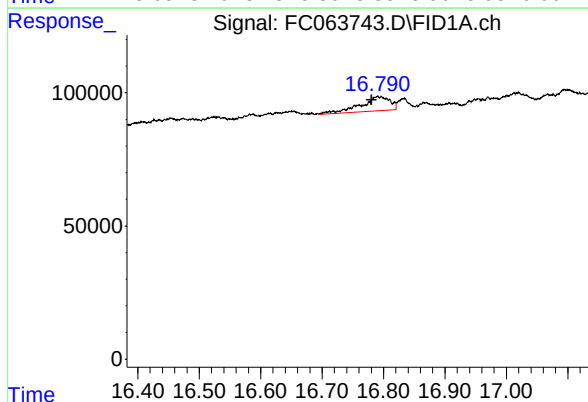
R.T.: 14.819 min
Delta R.T.: 0.002 min
Response: 33423
Conc: 0.24 ug/ml



#15 n-Hexacosane (C26)

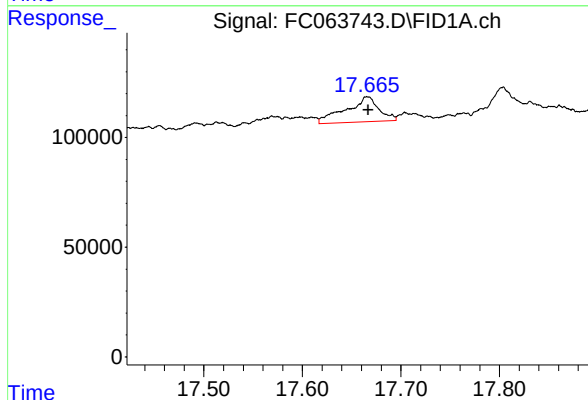
R.T.: 15.839 min
Delta R.T.: 0.005 min
Response: 59144
Conc: 0.45 ug/ml

Instrument :
FID_C
ClientSampleId :



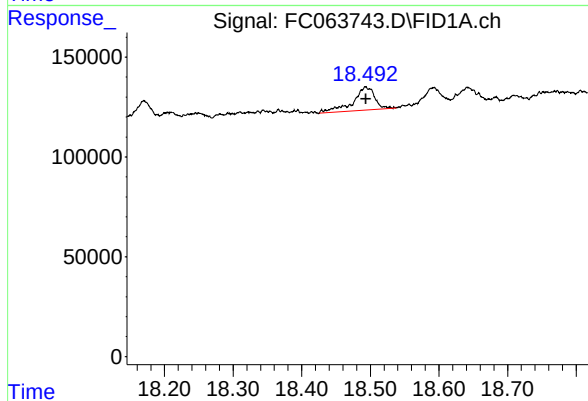
#16 n-Octacosane (C28)

R.T.: 16.790 min
Delta R.T.: 0.009 min
Response: 176533
Conc: 1.39 ug/ml



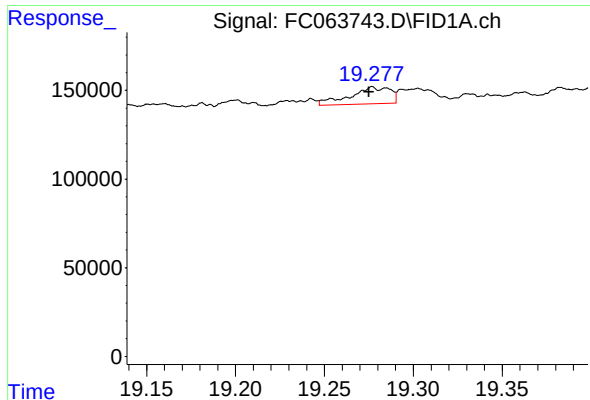
#17 n-Tricontane (C30)

R.T.: 17.666 min
Delta R.T.: -0.001 min
Response: 265869
Conc: 2.08 ug/ml



#18 n-Dotriacontane (C32)

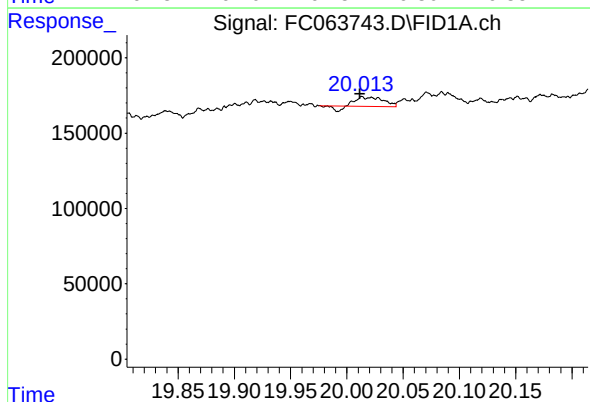
R.T.: 18.493 min
Delta R.T.: 0.000 min
Response: 256756
Conc: 2.06 ug/ml



#19 n-Tetratriacontane (C34)

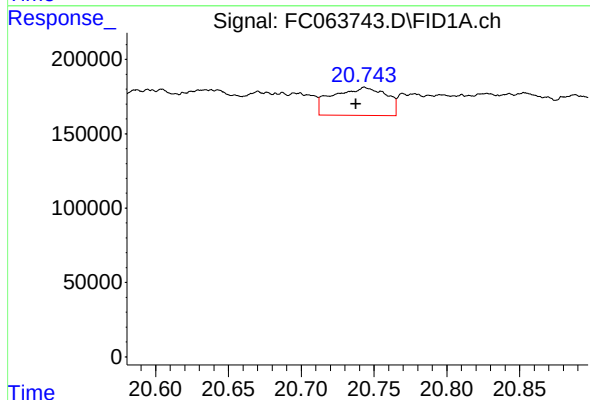
R.T.: 19.277 min
Delta R.T.: 0.002 min
Response: 146479
Conc: 1.19 ug/ml

Instrument :
FID_C
ClientSampleId :



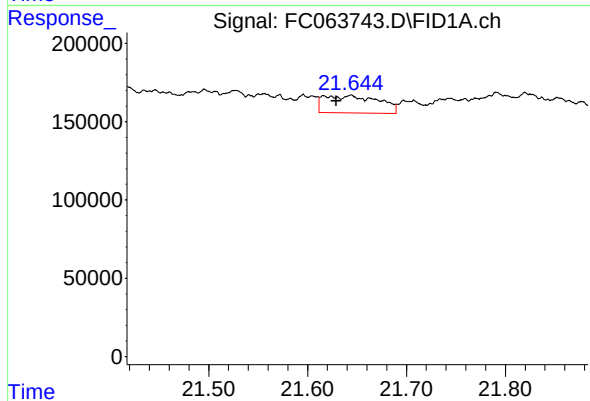
#20 n-Hexatriacontane (C36)

R.T.: 20.014 min
Delta R.T.: 0.002 min
Response: 93162
Conc: 0.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.744 min
Delta R.T.: 0.006 min
Response: 481170
Conc: 3.99 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.644 min
Delta R.T.: 0.015 min
Response: 428540
Conc: 3.54 ug/ml