

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052225AL\
 Data File : FC068980.D
 Signal(s) : FID1A.ch
 Acq On : 22 May 2025 15:48
 Operator : YP/AJ
 Sample : PB168132BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168132BL

Integration File: autoint1.e
 Quant Time: May 23 03:14:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 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)	11.705	111787	0.979 ug/ml
Spiked Amount 50.000		Recovery =	1.96%
12) S 1-chlorooctadecane (S...	13.141	3769615	46.987 ug/ml
Spiked Amount 50.000		Recovery =	93.97%
Target Compounds			
4) T n-Dodecane (C12)	6.540	42000	0.432 ug/ml
8) T n-Octadecane (C18)	11.382	63491	0.724 ug/ml
10) T n-Eicosane (C20)	12.692	258398	3.032 ug/ml
11) T n-Heneicosane (C21)	13.304	249590	2.959 ug/ml
13) T n-Docosane (C22)	13.890	272862	3.262 ug/ml
14) T n-Tetracosane (C24)	14.994	282660	3.397 ug/ml
15) T n-Hexacosane (C26)	16.016	268266	3.238 ug/ml
16) T n-Octacosane (C28)	16.967	272898	3.302 ug/ml
17) T n-Tricontane (C30)	17.856	291053	3.440 ug/ml
18) T n-Dotriacontane (C32)	18.689	295409	3.430 ug/ml
19) T n-Tetratriacontane (C34)	19.474	276915	3.250 ug/ml
20) T n-Hexatriacontane (C36)	20.213	251333	2.924 ug/ml
21) T n-Octatriacontane (C38)	20.985	236937	2.825 ug/ml
22) T n-Tetracontane (C40)	21.961	221076	2.698 ug/ml

(f)=RT Delta > 1/2 Window

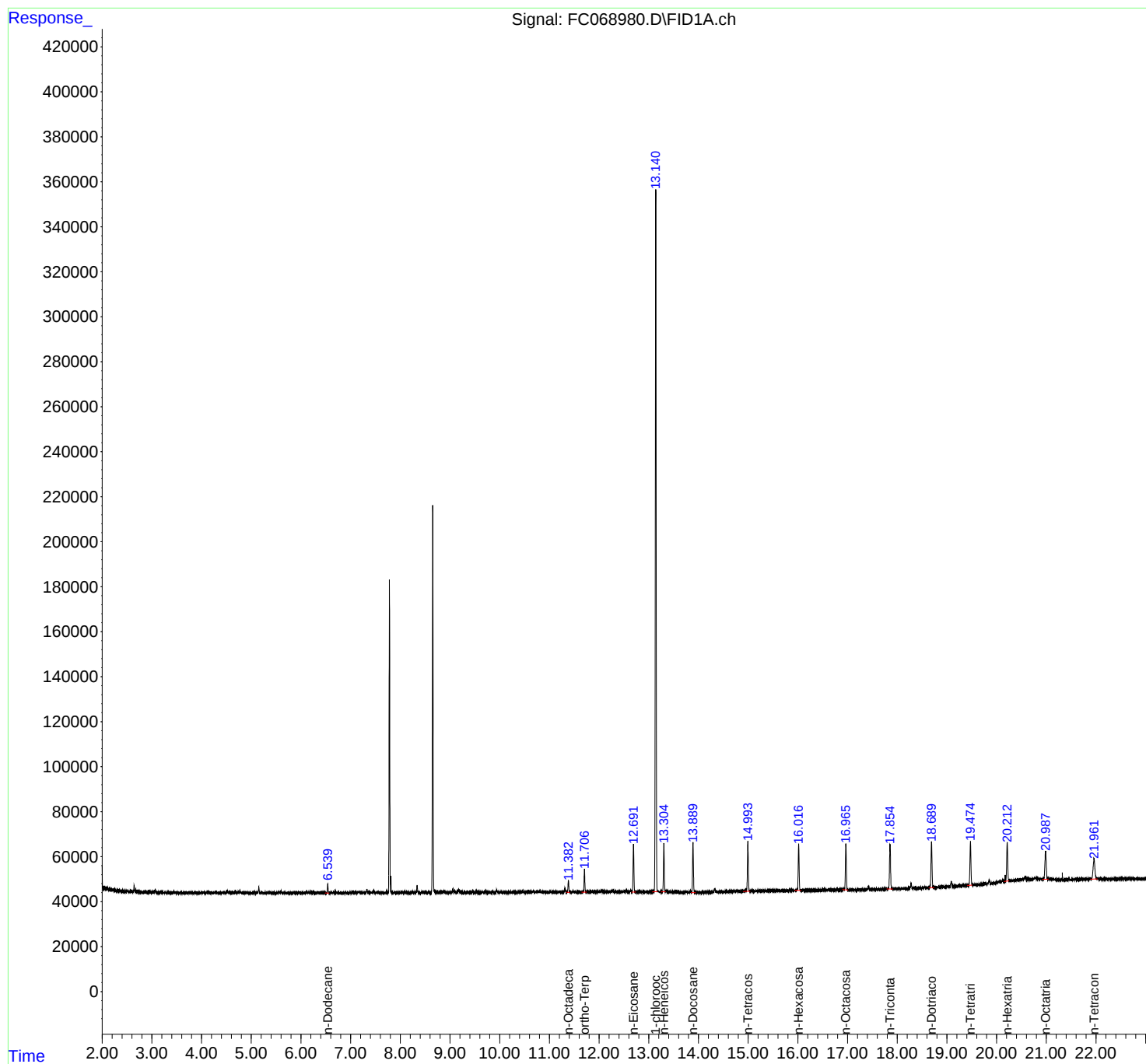
(m)=manual int.

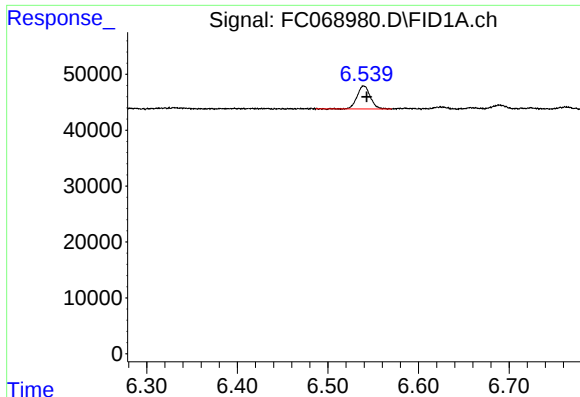
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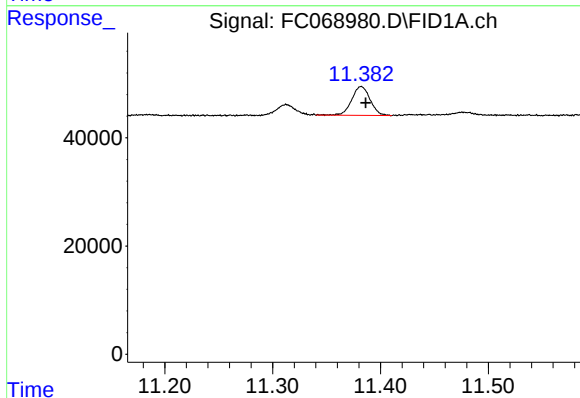




#4 n-Dodecane (C12)

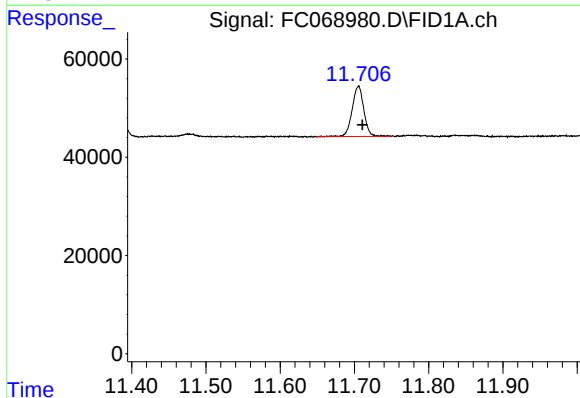
R.T.: 6.540 min
Delta R.T.: -0.003 min
Response: 42000
Conc: 0.43 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168132BL



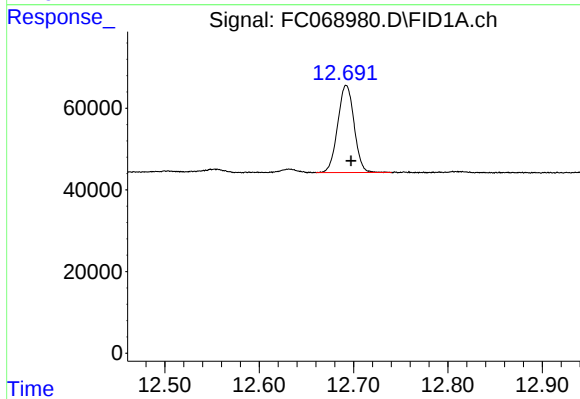
#8 n-Octadecane (C18)

R.T.: 11.382 min
Delta R.T.: -0.004 min
Response: 63491
Conc: 0.72 ug/ml



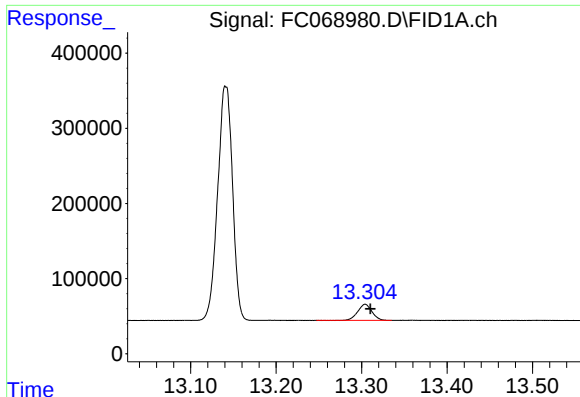
#9 ortho-Terphenyl (SURR)

R.T.: 11.705 min
Delta R.T.: -0.006 min
Response: 111787
Conc: 0.98 ug/ml



#10 n-Eicosane (C20)

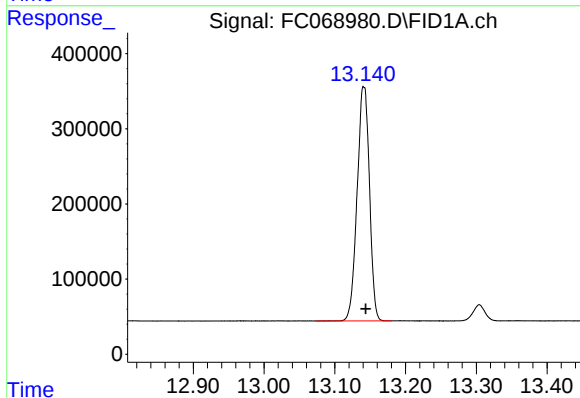
R.T.: 12.692 min
Delta R.T.: -0.005 min
Response: 258398
Conc: 3.03 ug/ml



#11 n-Heneicosane (C21)

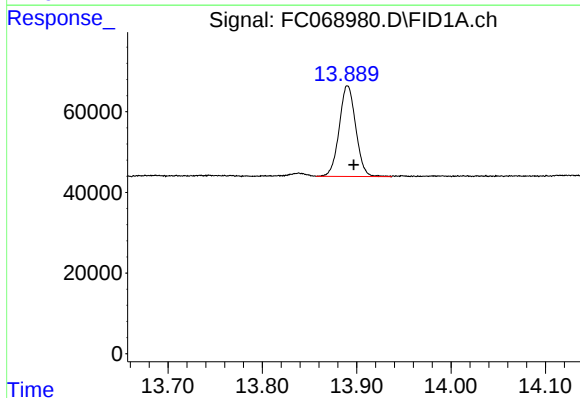
R.T.: 13.304 min
Delta R.T.: -0.006 min
Response: 249590
Conc: 2.96 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168132BL



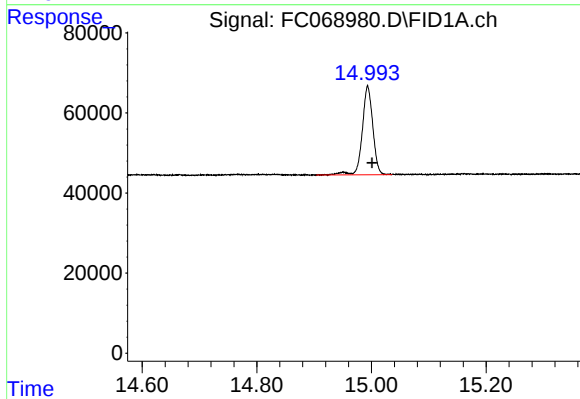
#12 1-chlorooctadecane (SURR)

R.T.: 13.141 min
Delta R.T.: -0.003 min
Response: 3769615
Conc: 46.99 ug/ml



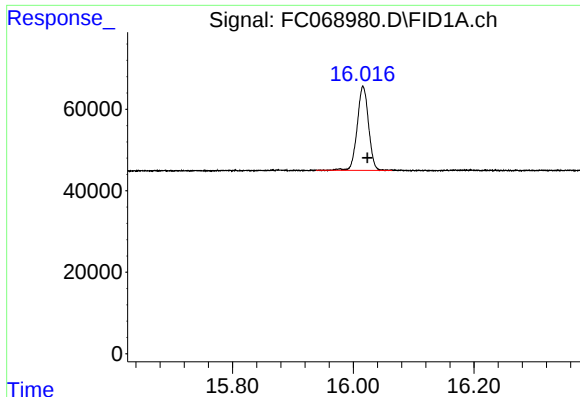
#13 n-Docosane (C22)

R.T.: 13.890 min
Delta R.T.: -0.006 min
Response: 272862
Conc: 3.26 ug/ml



#14 n-Tetracosane (C24)

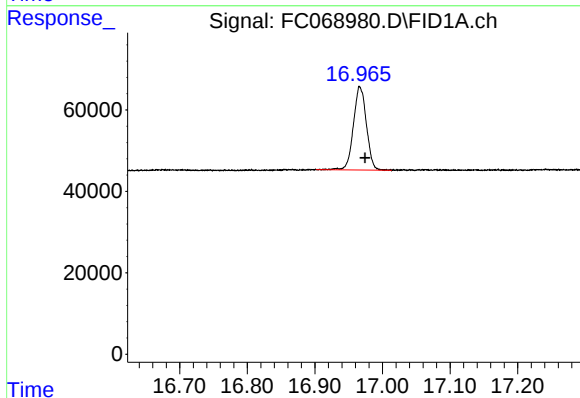
R.T.: 14.994 min
Delta R.T.: -0.007 min
Response: 282660
Conc: 3.40 ug/ml



#15 n-Hexacosane (C26)

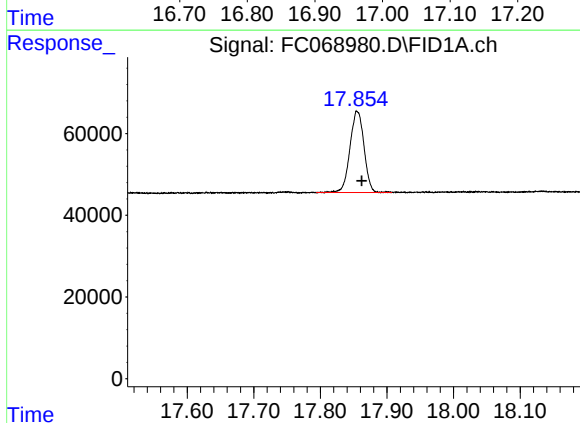
R.T.: 16.016 min
Delta R.T.: -0.007 min
Response: 268266
Conc: 3.24 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168132BL



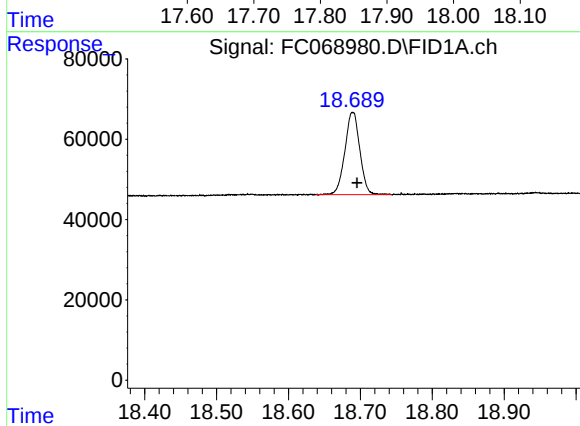
#16 n-Octacosane (C28)

R.T.: 16.967 min
Delta R.T.: -0.007 min
Response: 272898
Conc: 3.30 ug/ml



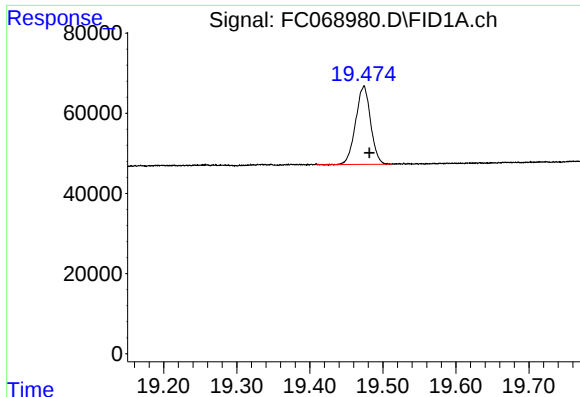
#17 n-Tricontane (C30)

R.T.: 17.856 min
Delta R.T.: -0.007 min
Response: 291053
Conc: 3.44 ug/ml



#18 n-Dotriacontane (C32)

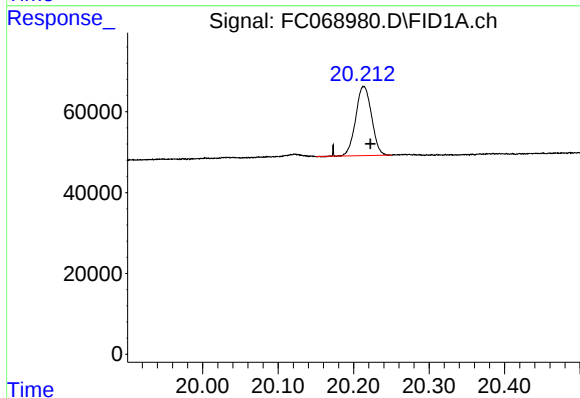
R.T.: 18.689 min
Delta R.T.: -0.006 min
Response: 295409
Conc: 3.43 ug/ml



#19 n-Tetratriacontane (C34)

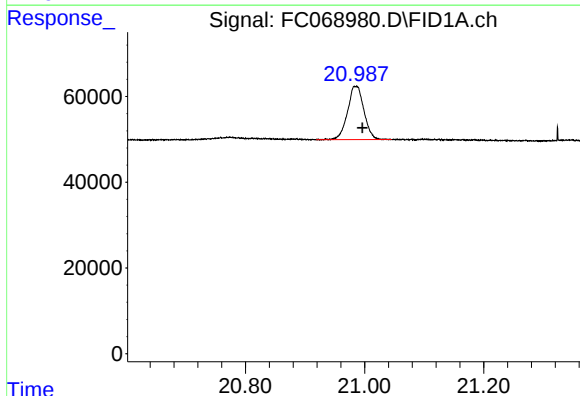
R.T.: 19.474 min
Delta R.T.: -0.008 min
Response: 276915
Conc: 3.25 ug/ml

Instrument :
FID_C
ClientSampleId :
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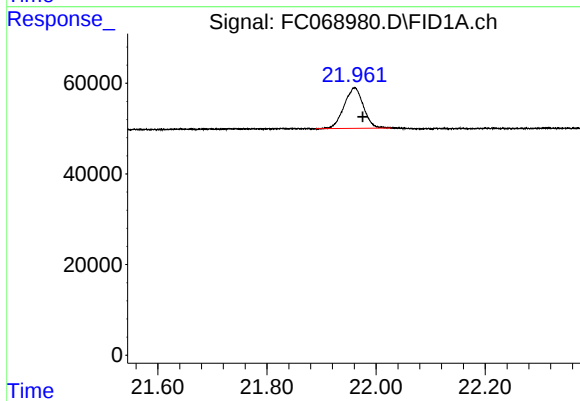
#20 n-Hexatriacontane (C36)

R.T.: 20.213 min
Delta R.T.: -0.009 min
Response: 251333
Conc: 2.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.985 min
Delta R.T.: -0.011 min
Response: 236937
Conc: 2.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.961 min
Delta R.T.: -0.015 min
Response: 221076
Conc: 2.70 ug/ml