

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102023AL\
 Data File : FC064884.D
 Signal(s) : FID1A.ch
 Acq On : 20 Oct 2023 09:25
 Operator : YP/AJ
 Sample : 04935-01DL 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 20 10:08:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 10 12:17:45 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)	11.523	734713	3.441 ug/ml
Spiked Amount 50.000		Recovery =	6.88%
12) S 1-chlorooctadecane (S...	12.957	622735	4.153 ug/ml
Spiked Amount 50.000		Recovery =	8.31%
Target Compounds			
10) T n-Eicosane (C20)	12.513	61944	0.360 ug/ml
13) T n-Docosane (C22)	13.707	32547	0.198 ug/ml
14) T n-Tetracosane (C24)	14.799	293631	1.845 ug/ml
15) T n-Hexacosane (C26)	15.825	38862	0.254 ug/ml
16) T n-Octacosane (C28)	16.772	121050	0.821 ug/ml
17) T n-Tricontane (C30)	17.654	162307	1.109 ug/ml
18) T n-Dotriacontane (C32)	18.482	216218	1.497 ug/ml
19) T n-Tetratriacontane (C34)	19.273	164188	1.167 ug/ml
20) T n-Hexatriacontane (C36)	20.005	298012	2.154 ug/ml
21) T n-Octatriacontane (C38)	20.731	95392	0.720 ug/ml
22) T n-Tetracontane (C40)	21.609	28193	0.225 ug/ml

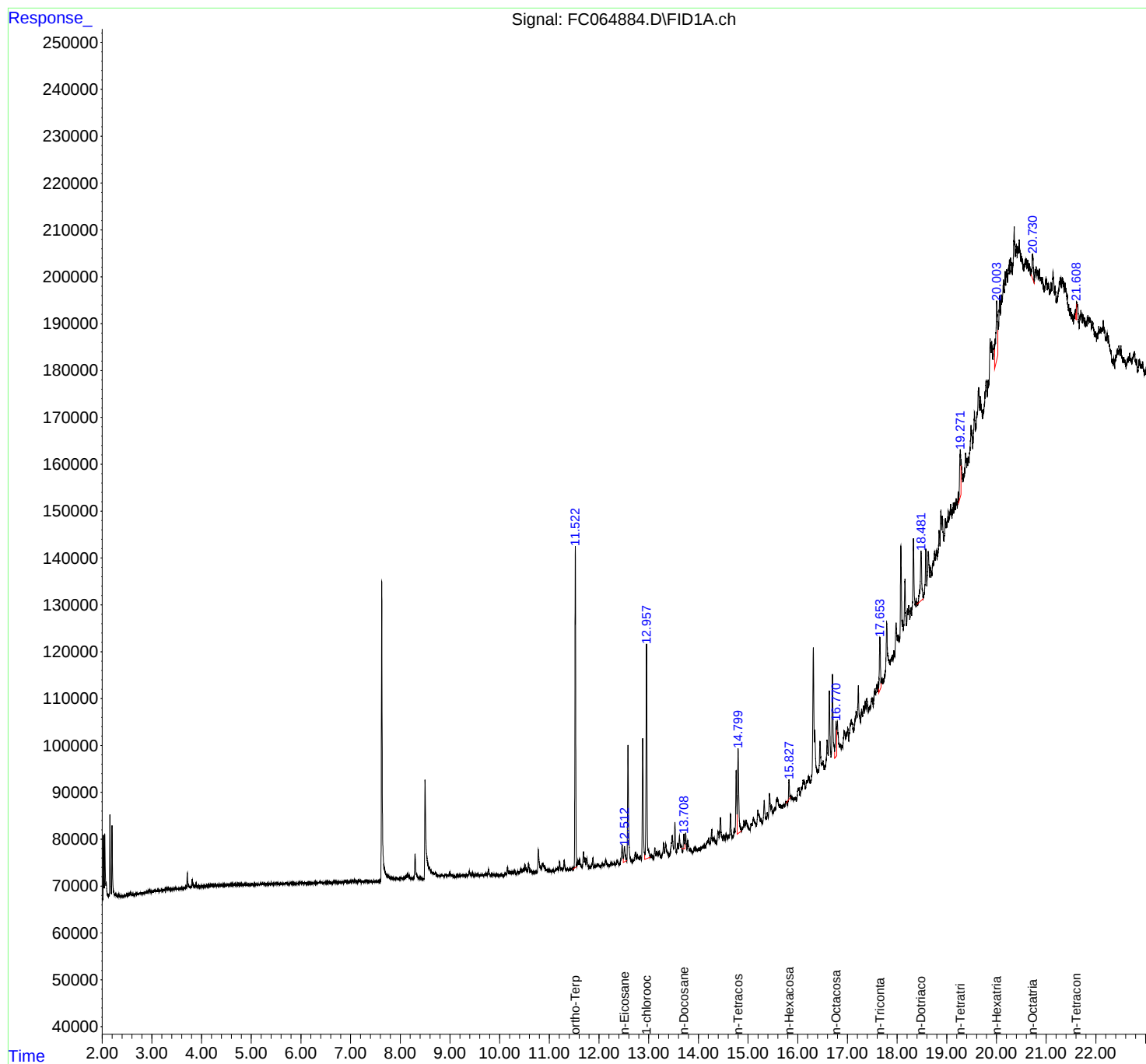
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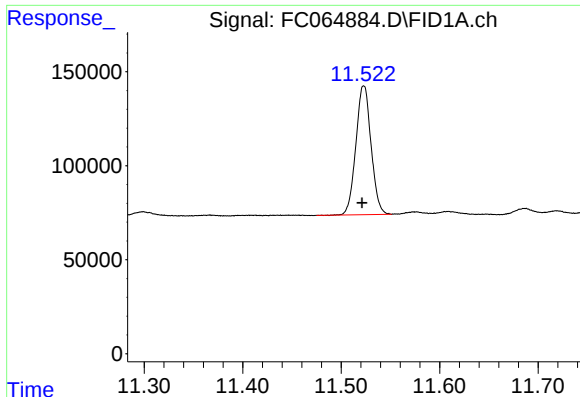
(m)=manual int.

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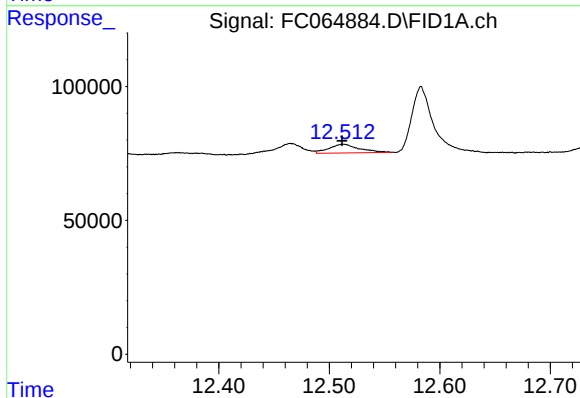
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





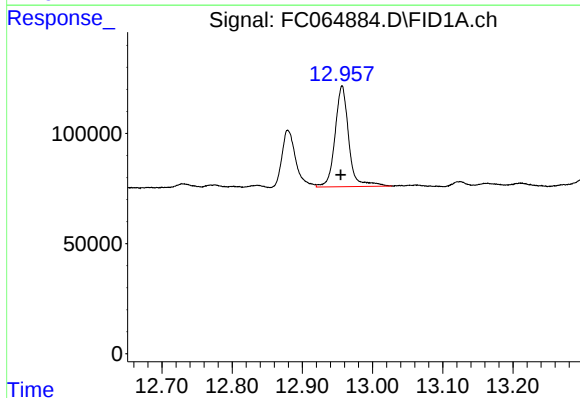
#9 ortho-Terphenyl (SURR)

R.T.: 11.523 min
Delta R.T.: 0.002 min
Response: 734713
Conc: 3.44 ug/ml



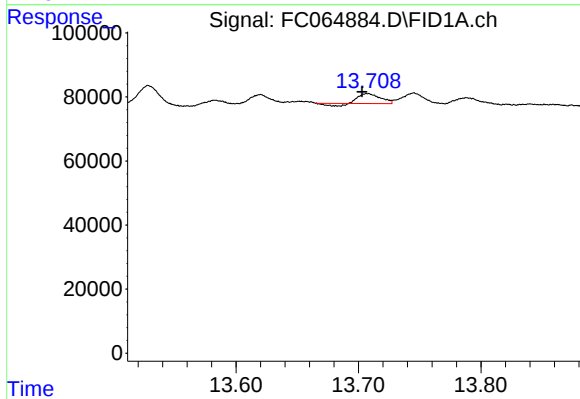
#10 n-Eicosane (C20)

R.T.: 12.513 min
Delta R.T.: 0.001 min
Response: 61944
Conc: 0.36 ug/ml



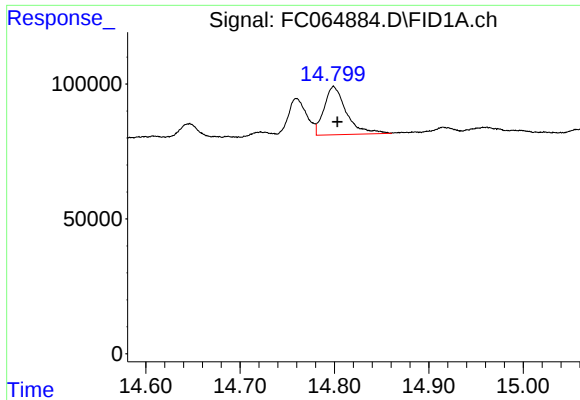
#12 1-chlorooctadecane (SURR)

R.T.: 12.957 min
Delta R.T.: 0.002 min
Response: 622735
Conc: 4.15 ug/ml



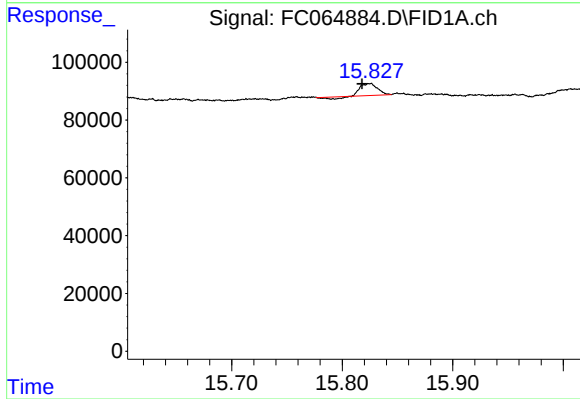
#13 n-Docosane (C22)

R.T.: 13.707 min
Delta R.T.: 0.004 min
Response: 32547
Conc: 0.20 ug/ml



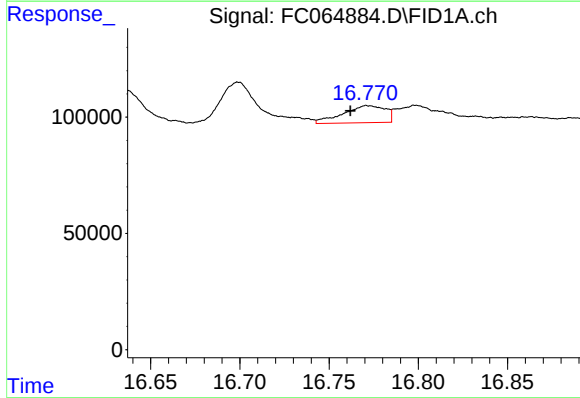
#14 n-Tetracosane (C24)

R.T.: 14.799 min
Delta R.T.: -0.004 min
Response: 293631
Conc: 1.84 ug/ml



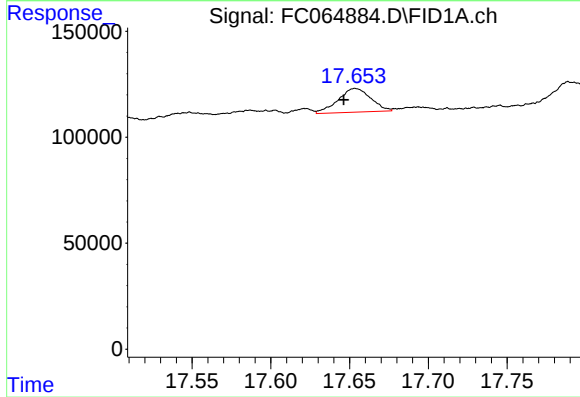
#15 n-Hexacosane (C26)

R.T.: 15.825 min
Delta R.T.: 0.007 min
Response: 38862
Conc: 0.25 ug/ml



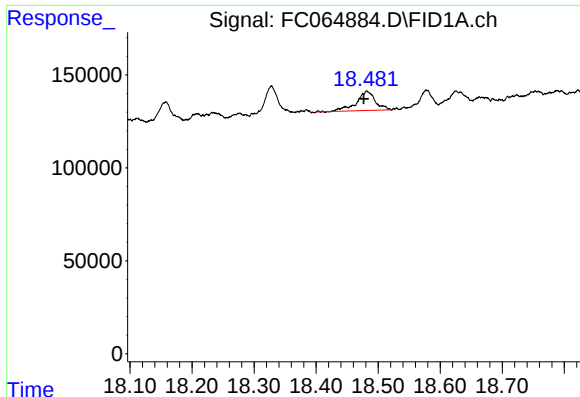
#16 n-Octacosane (C28)

R.T.: 16.772 min
Delta R.T.: 0.010 min
Response: 121050
Conc: 0.82 ug/ml



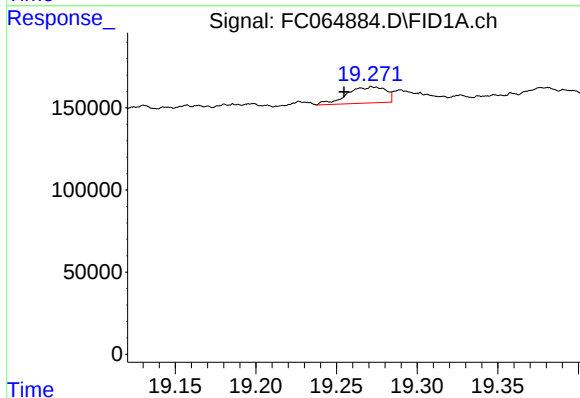
#17 n-Tricontane (C30)

R.T.: 17.654 min
Delta R.T.: 0.007 min
Response: 162307
Conc: 1.11 ug/ml



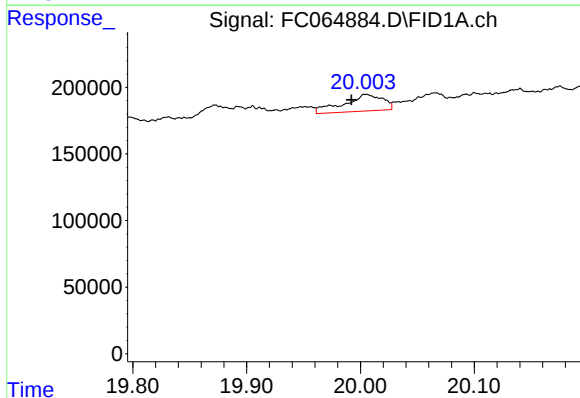
#18 n-Dotriacontane (C32)

R.T.: 18.482 min
Delta R.T.: 0.005 min
Response: 216218
Conc: 1.50 ug/ml



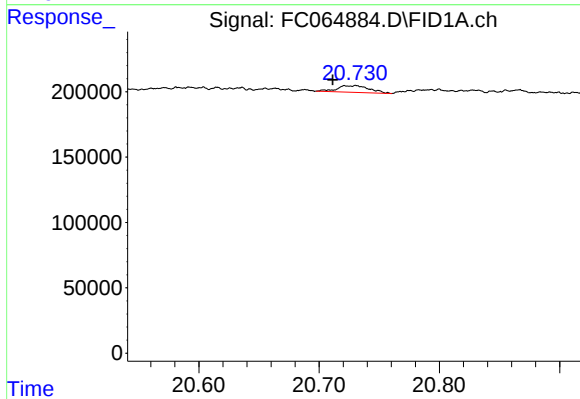
#19 n-Tetratriacontane (C34)

R.T.: 19.273 min
Delta R.T.: 0.018 min
Response: 164188
Conc: 1.17 ug/ml



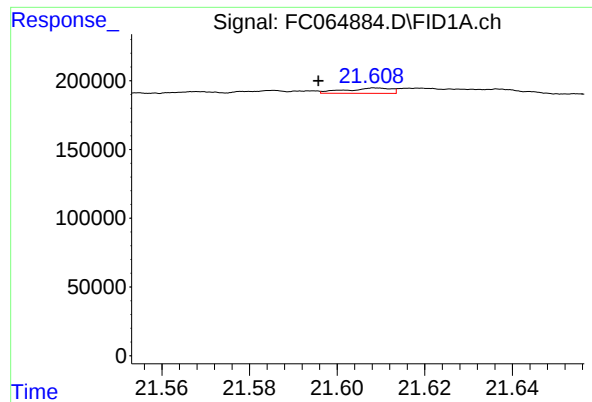
#20 n-Hexatriacontane (C36)

R.T.: 20.005 min
Delta R.T.: 0.013 min
Response: 298012
Conc: 2.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.731 min
Delta R.T.: 0.019 min
Response: 95392
Conc: 0.72 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.609 min
Delta R.T.: 0.013 min
Response: 28193
Conc: 0.23 ug/ml