

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042125AL\
 Data File : FC068665.D
 Signal(s) : FID1A.ch
 Acq On : 21 Apr 2025 19:43
 Operator : YP/AJ
 Sample : Q1840-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 OK-04-04182025-E2

Integration File: autoint1.e
 Quant Time: Apr 22 01:28:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 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)	11.719	4329822	34.003 ug/ml
Spiked Amount 50.000		Recovery =	68.01%
12) S 1-chlorooctadecane (S...	13.153	3333076	35.880 ug/ml
Spiked Amount 50.000		Recovery =	71.76%
Target Compounds			
7) T n-Hexadecane (C16)	9.948	87679	0.861 ug/ml
8) T n-Octadecane (C18)	11.392	109718	1.090 ug/ml
10) T n-Eicosane (C20)	12.703	139383	1.417 ug/ml
11) T n-Heneicosane (C21)	13.317	75050	0.770 ug/ml
13) T n-Docosane (C22)	13.906	74423	0.770 ug/ml
14) T n-Tetracosane (C24)	14.991	208945	2.195 ug/ml
15) T n-Hexacosane (C26)	16.034	119962	1.284 ug/ml
16) T n-Octacosane (C28)	16.987	301159	3.289 ug/ml
17) T n-Tricontane (C30)	17.879	932004	10.138 ug/ml
18) T n-Dotriacontane (C32)	18.711	419269	4.571 ug/ml
19) T n-Tetratriacontane (C34)	19.501	304177	3.405 ug/ml
20) T n-Hexatriacontane (C36)	20.243	192535	2.149 ug/ml
21) T n-Octatriacontane (C38)	21.021	292835	3.312 ug/ml
22) T n-Tetracontane (C40)	21.970	62870	0.712 ug/ml

(f)=RT Delta > 1/2 Window

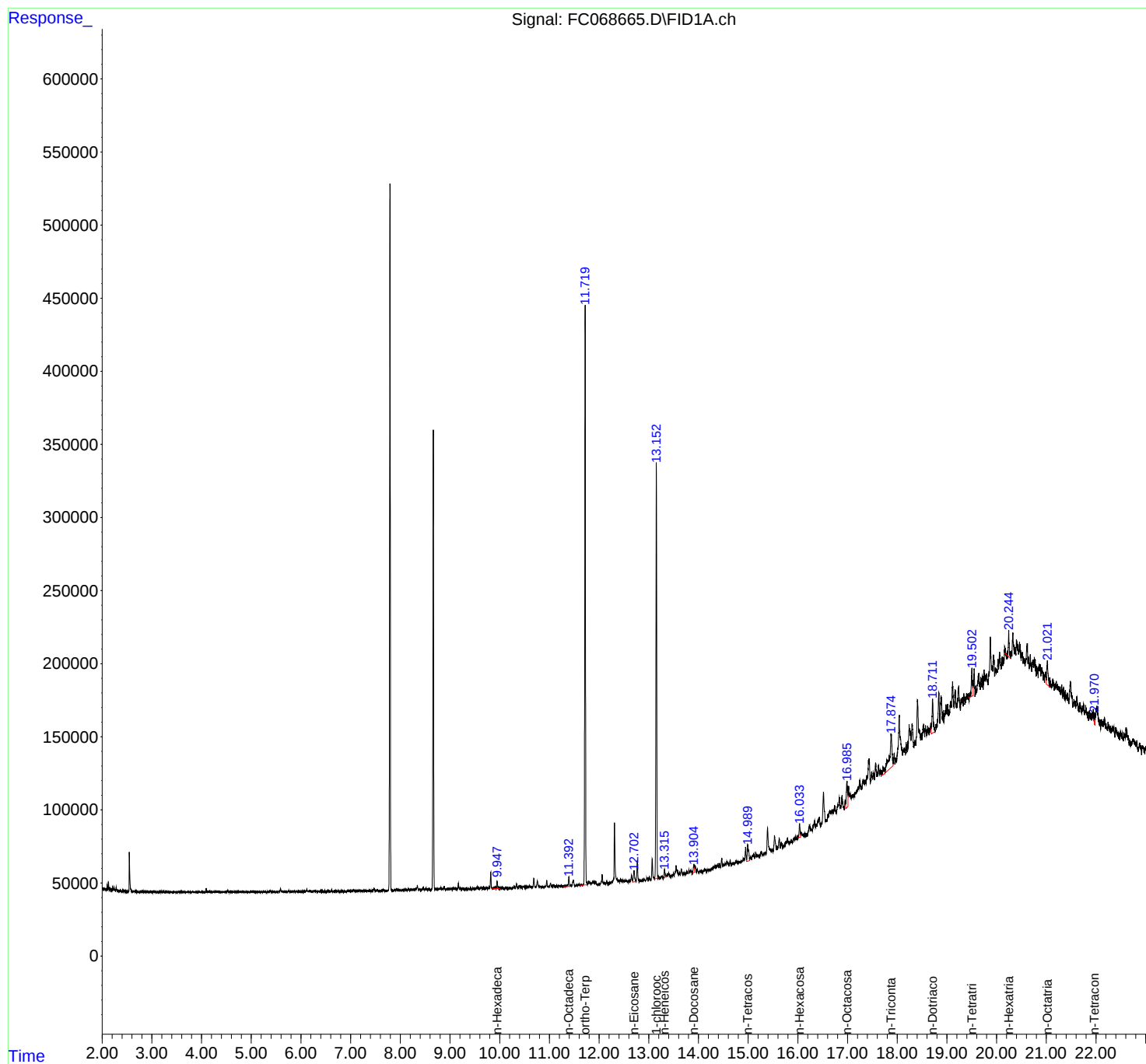
(m)=manual int.

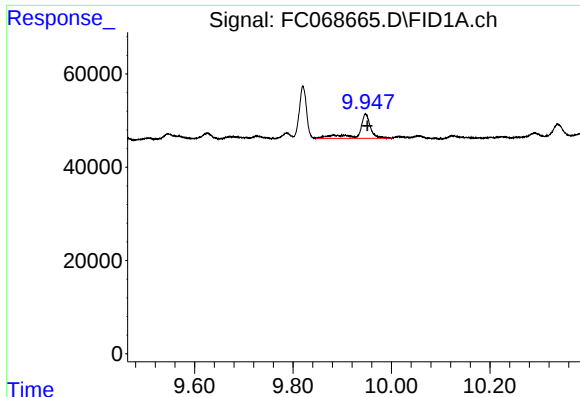
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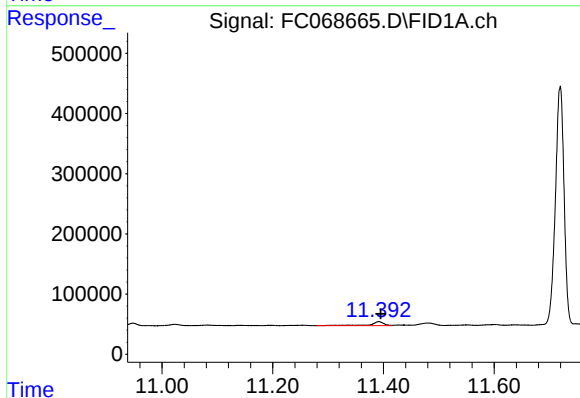




#7 n-Hexadecane (C16)

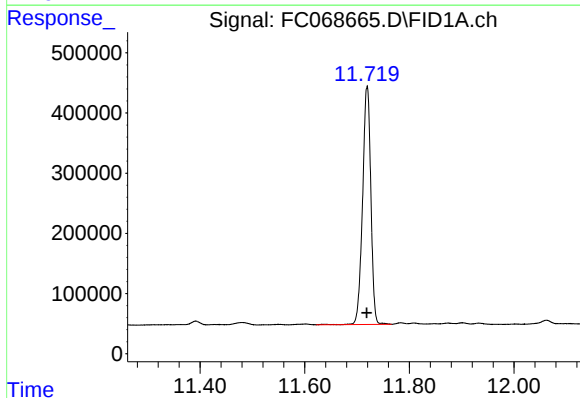
R.T.: 9.948 min
Delta R.T.: -0.003 min
Response: 87679
Conc: 0.86 ug/ml

Instrument :
FID_C
ClientSampleId :
OK-04-04182025-E2



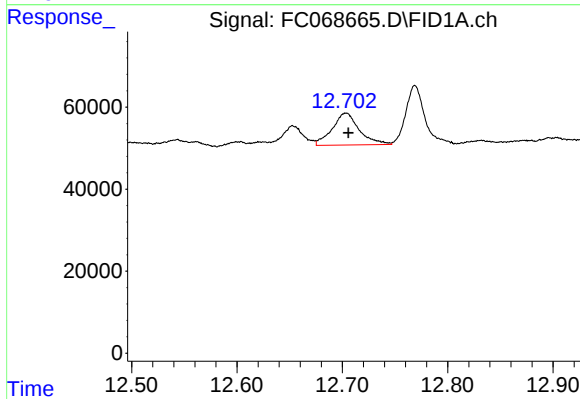
#8 n-Octadecane (C18)

R.T.: 11.392 min
Delta R.T.: -0.003 min
Response: 109718
Conc: 1.09 ug/ml



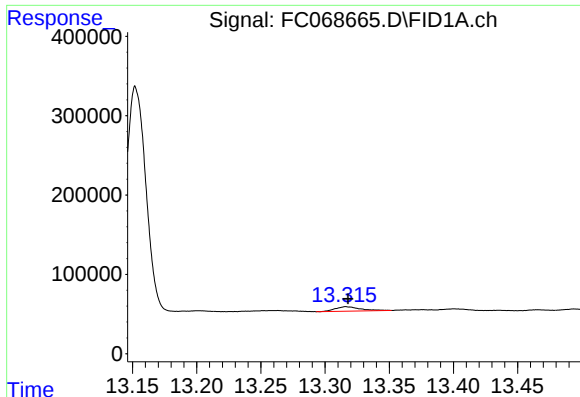
#9 ortho-Terphenyl (SURR)

R.T.: 11.719 min
Delta R.T.: 0.000 min
Response: 4329822
Conc: 34.00 ug/ml



#10 n-Eicosane (C20)

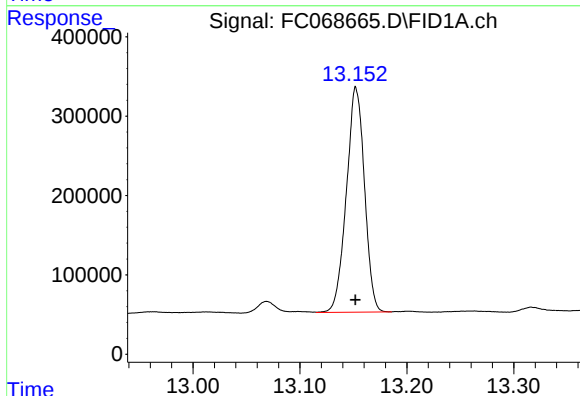
R.T.: 12.703 min
Delta R.T.: -0.002 min
Response: 139383
Conc: 1.42 ug/ml



#11 n-Heneicosane (C21)

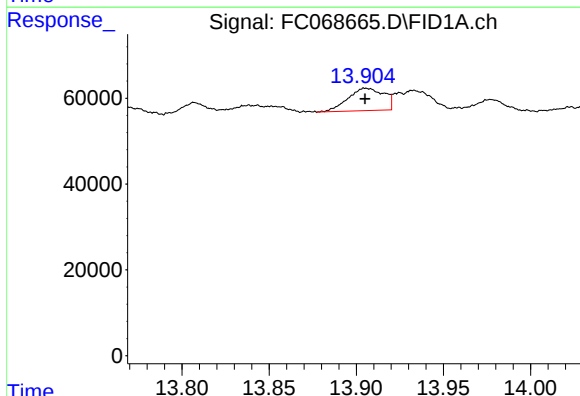
R.T.: 13.317 min
Delta R.T.: 0.000 min
Response: 75050
Conc: 0.77 ug/ml

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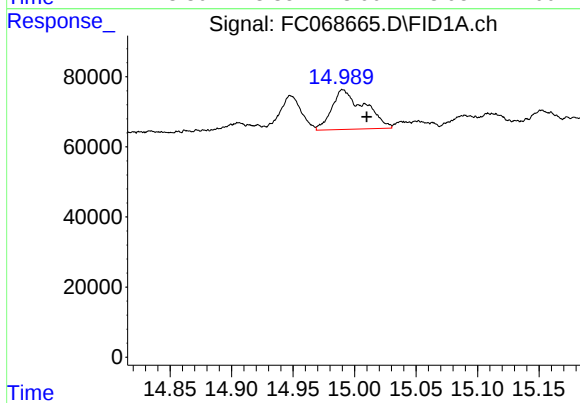
#12 1-chlorooctadecane (SURR)

R.T.: 13.153 min
Delta R.T.: 0.000 min
Response: 3333076
Conc: 35.88 ug/ml



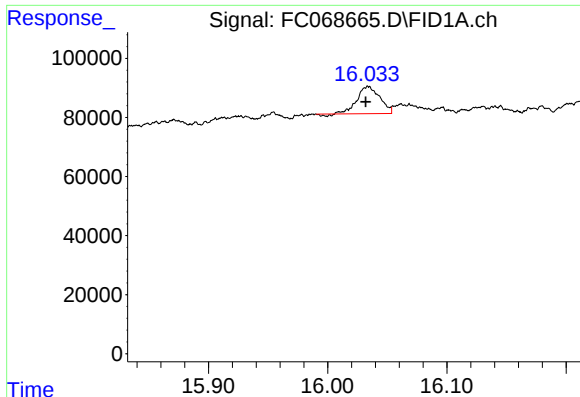
#13 n-Docosane (C22)

R.T.: 13.906 min
Delta R.T.: 0.000 min
Response: 74423
Conc: 0.77 ug/ml



#14 n-Tetracosane (C24)

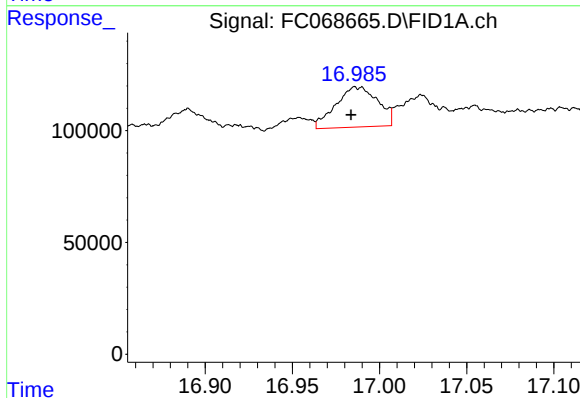
R.T.: 14.991 min
Delta R.T.: -0.019 min
Response: 208945
Conc: 2.20 ug/ml



#15 n-Hexacosane (C26)

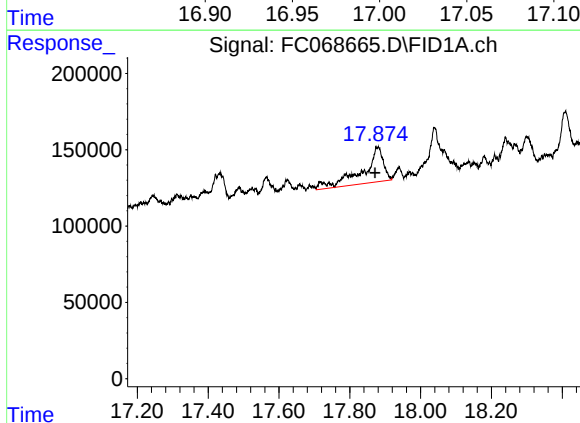
R.T.: 16.034 min
Delta R.T.: 0.002 min
Response: 119962
Conc: 1.28 ug/ml

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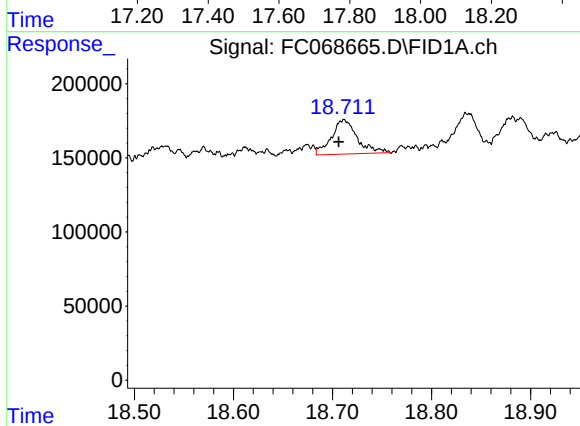
#16 n-Octacosane (C28)

R.T.: 16.987 min
Delta R.T.: 0.004 min
Response: 301159
Conc: 3.29 ug/ml



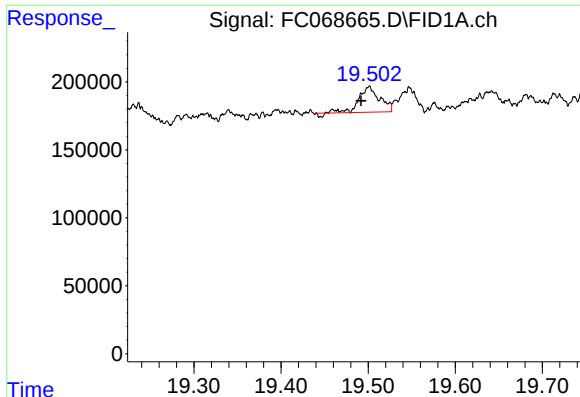
#17 n-Tricontane (C30)

R.T.: 17.879 min
Delta R.T.: 0.008 min
Response: 932004
Conc: 10.14 ug/ml



#18 n-Dotriacontane (C32)

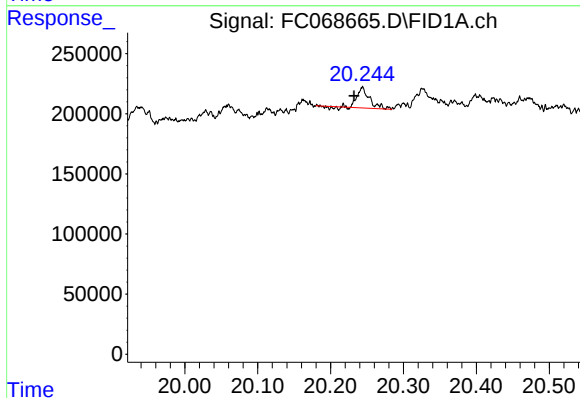
R.T.: 18.711 min
Delta R.T.: 0.005 min
Response: 419269
Conc: 4.57 ug/ml



#19 n-Tetratriacontane (C34)

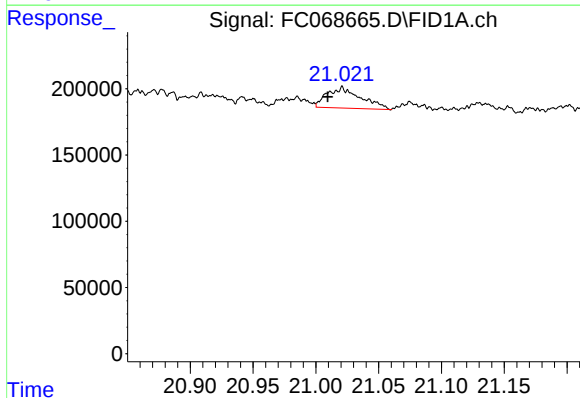
R.T.: 19.501 min
Delta R.T.: 0.010 min
Response: 304177
Conc: 3.40 ug/ml

Instrument :
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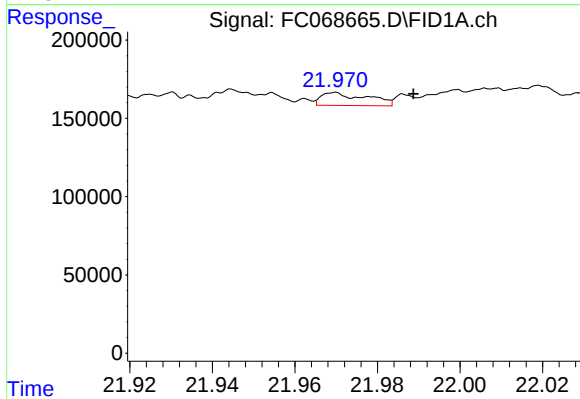
#20 n-Hexatriacontane (C36)

R.T.: 20.243 min
Delta R.T.: 0.011 min
Response: 192535
Conc: 2.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.021 min
Delta R.T.: 0.012 min
Response: 292835
Conc: 3.31 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.970 min
Delta R.T.: -0.018 min
Response: 62870
Conc: 0.71 ug/ml