

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050525AL\
 Data File : FC068772.D
 Signal(s) : FID1A.ch
 Acq On : 05 May 2025 16:51
 Operator : YP/AJ
 Sample : Q1937-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LARGE-PILE-AMS

Integration File: autoint1.e
 Quant Time: May 06 03:51:30 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)	11.712	4565538	35.854 ug/ml
Spiked Amount 50.000		Recovery =	71.71%
12) S 1-chlorooctadecane (S...	13.145	3469749	37.352 ug/ml
Spiked Amount 50.000		Recovery =	74.70%
Target Compounds			
1) T n-Nonane (C9)	3.442	2922323	27.746 ug/ml
2) T n-Decane (C10)	4.520	3304907	31.368 ug/ml
3) T A~Naphthalene (C11.7)	6.116	3946432	33.886 ug/ml
4) T n-Dodecane (C12)	6.544	3441090	32.721 ug/ml
5) T A~2-methylnaphthalene...	7.174	3650886	31.610 ug/ml
6) T n-Tetradecane (C14)	8.343	3467173	33.726 ug/ml
7) T n-Hexadecane (C16)	9.944	3440703	33.785 ug/ml
8) T n-Octadecane (C18)	11.388	3424191	34.027 ug/ml
10) T n-Eicosane (C20)	12.698	3504538	35.630 ug/ml
11) T n-Heneicosane (C21)	13.310	3369019	34.569 ug/ml
13) T n-Docosane (C22)	13.898	3360007	34.784 ug/ml
14) T n-Tetracosane (C24)	14.994	7236149	76.022 ug/ml
15) T n-Hexacosane (C26)	16.025	3350131	35.867 ug/ml
16) T n-Octacosane (C28)	16.974	3418658	37.339 ug/ml
17) T n-Tricontane (C30)	17.864	3433943	37.353 ug/ml
18) T n-Dotriacontane (C32)	18.697	3411794	37.194 ug/ml
19) T n-Tetratriacontane (C34)	19.482	3386424	37.905 ug/ml
20) T n-Hexatriacontane (C36)	20.222	3234443	36.107 ug/ml
21) T n-Octatriacontane (C38)	20.997	3198240	36.174 ug/ml
22) T n-Tetracontane (C40)	21.974	3172662	35.928 ug/ml

(f)=RT Delta > 1/2 Window

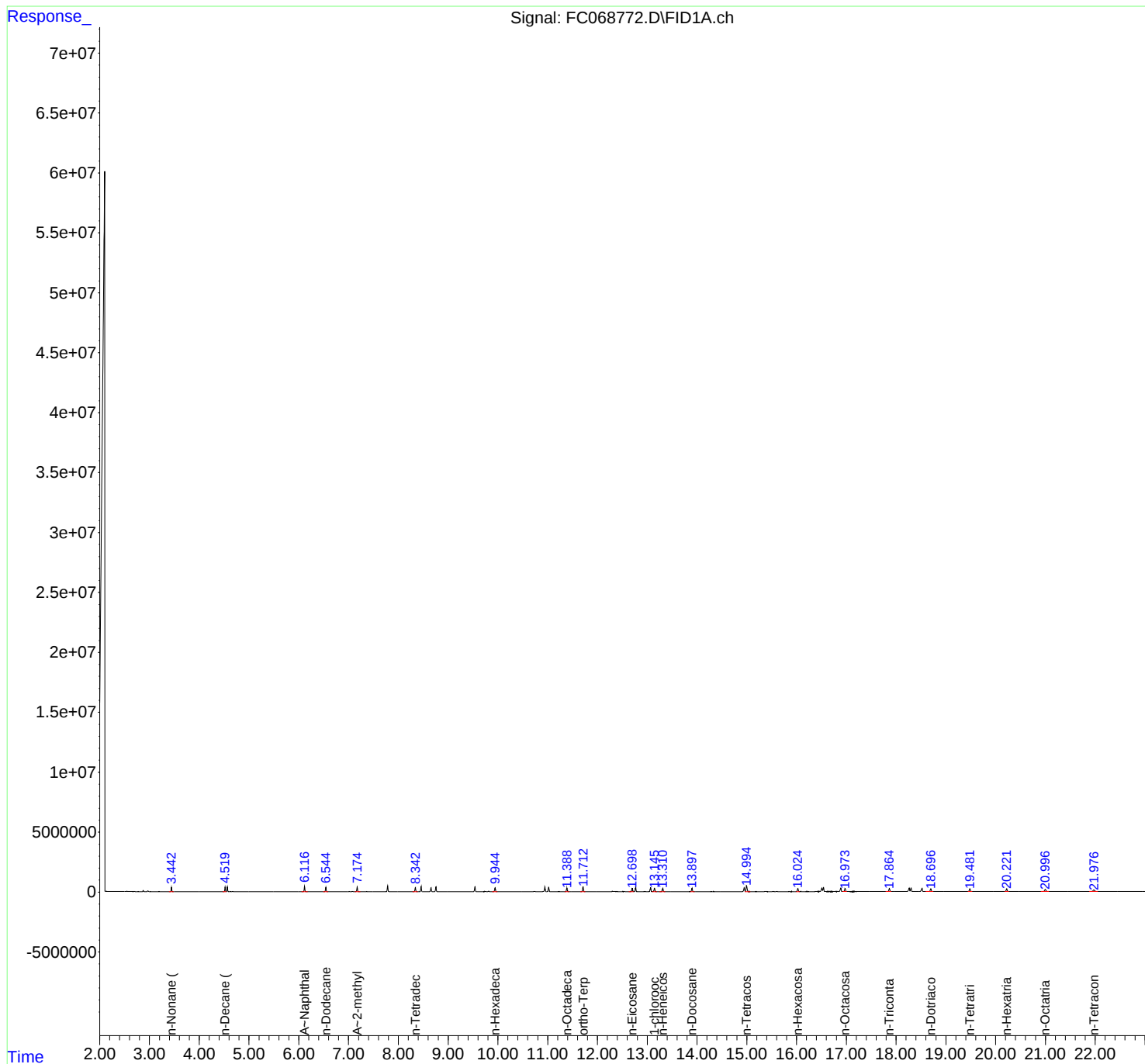
(m)=manual int.

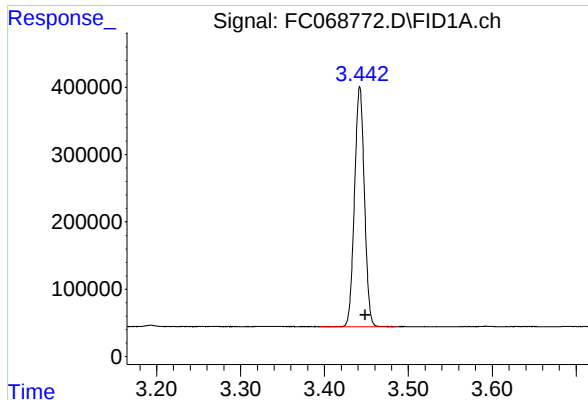
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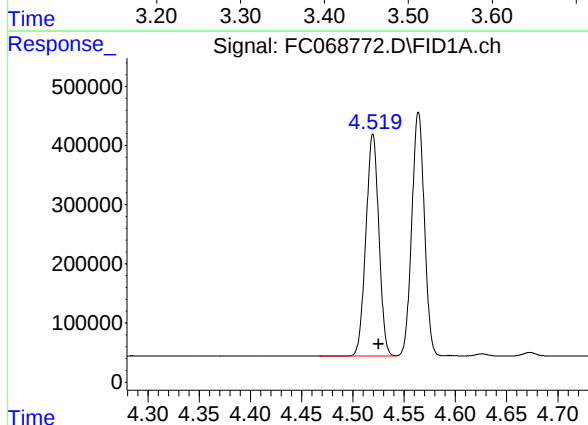




#1 n-Nonane (C9)

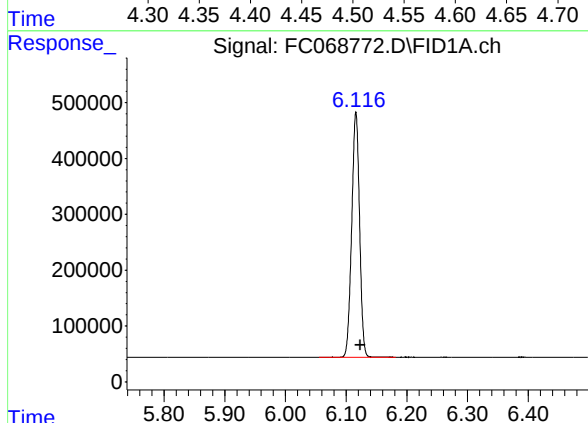
R.T.: 3.442 min
Delta R.T.: -0.007 min
Response: 2922323
Conc: 27.75 ug/ml

Instrument :
FID_C
ClientSampleId :
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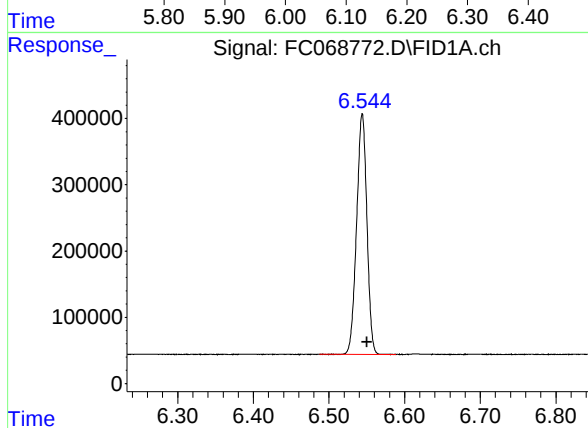
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: -0.006 min
Response: 3304907
Conc: 31.37 ug/ml



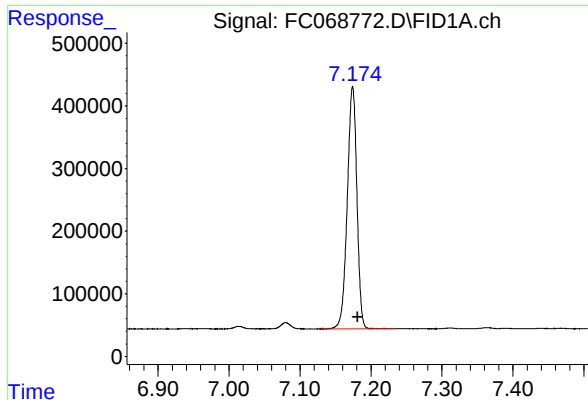
#3 A~Naphthalene (C11.7)

R.T.: 6.116 min
Delta R.T.: -0.007 min
Response: 3946432
Conc: 33.89 ug/ml



#4 n-Dodecane (C12)

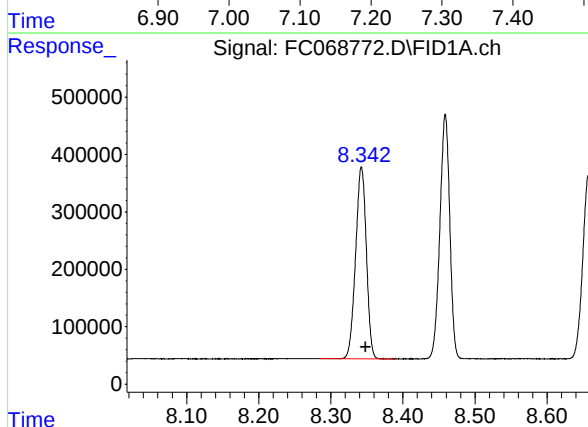
R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 3441090
Conc: 32.72 ug/ml



#5 A~2-methylnaphthalene (C12.89)

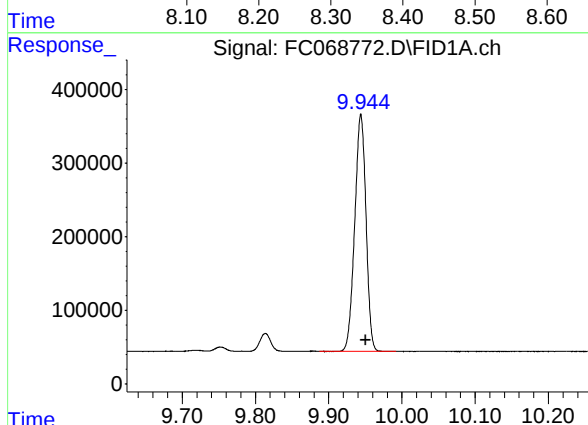
R.T.: 7.174 min
Delta R.T.: -0.007 min
Response: 3650886
Conc: 31.61 ug/ml

Instrument :
FID_C
ClientSampleId :
LARGE-PILE-AMS



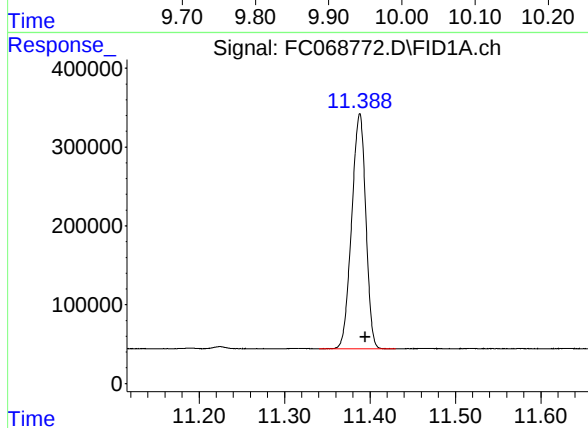
#6 n-Tetradecane (C14)

R.T.: 8.343 min
Delta R.T.: -0.006 min
Response: 3467173
Conc: 33.73 ug/ml



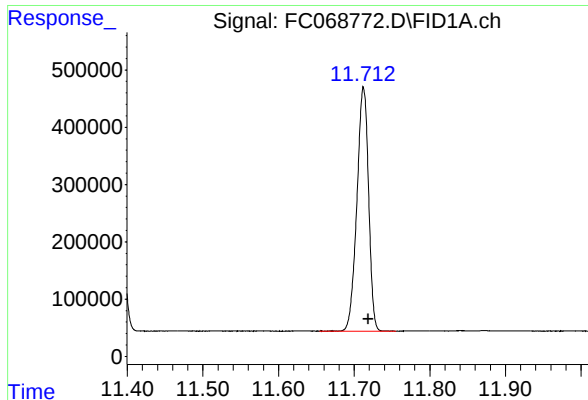
#7 n-Hexadecane (C16)

R.T.: 9.944 min
Delta R.T.: -0.007 min
Response: 3440703
Conc: 33.79 ug/ml



#8 n-Octadecane (C18)

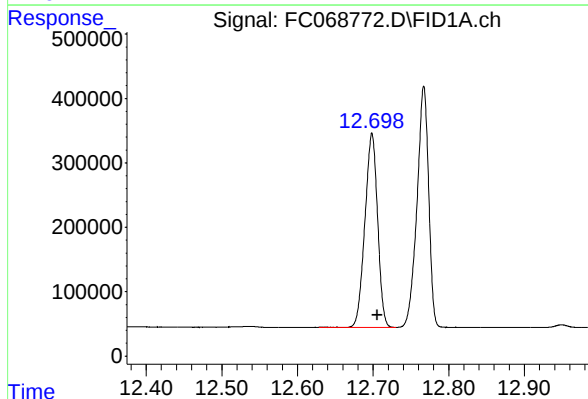
R.T.: 11.388 min
Delta R.T.: -0.007 min
Response: 3424191
Conc: 34.03 ug/ml



#9 ortho-Terphenyl (SURR)

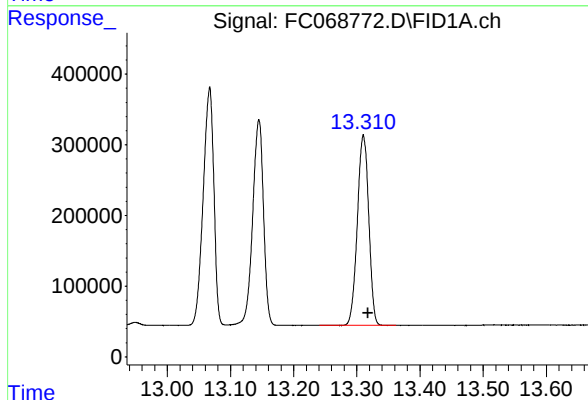
R.T.: 11.712 min
Delta R.T.: -0.007 min
Response: 4565538
Conc: 35.85 ug/ml

Instrument :
FID_C
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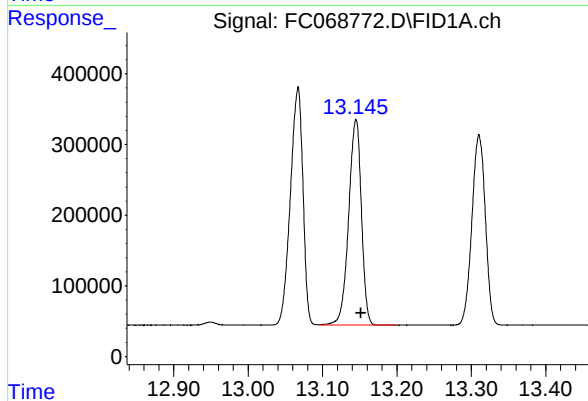
#10 n-Eicosane (C20)

R.T.: 12.698 min
Delta R.T.: -0.007 min
Response: 3504538
Conc: 35.63 ug/ml



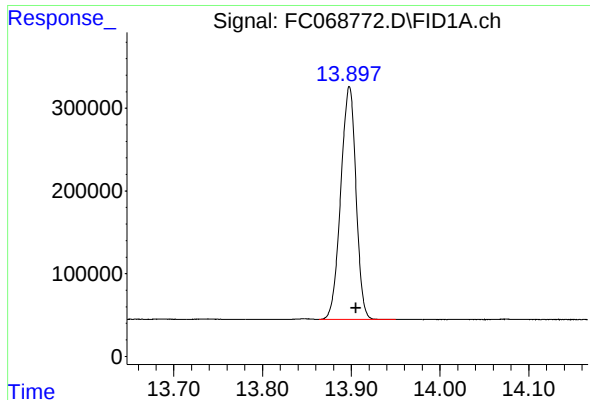
#11 n-Heneicosane (C21)

R.T.: 13.310 min
Delta R.T.: -0.007 min
Response: 3369019
Conc: 34.57 ug/ml



#12 1-chlorooctadecane (SURR)

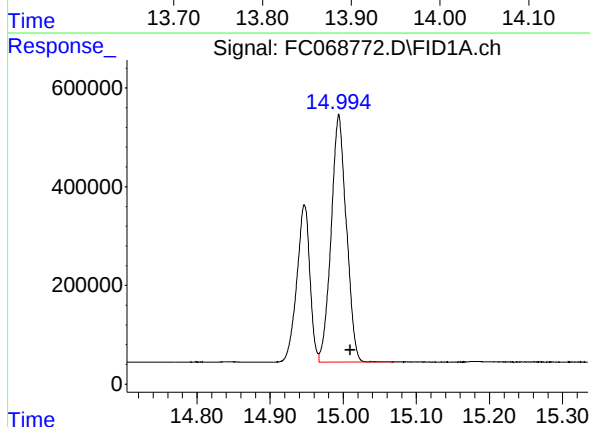
R.T.: 13.145 min
Delta R.T.: -0.007 min
Response: 3469749
Conc: 37.35 ug/ml



#13 n-Docosane (C22)

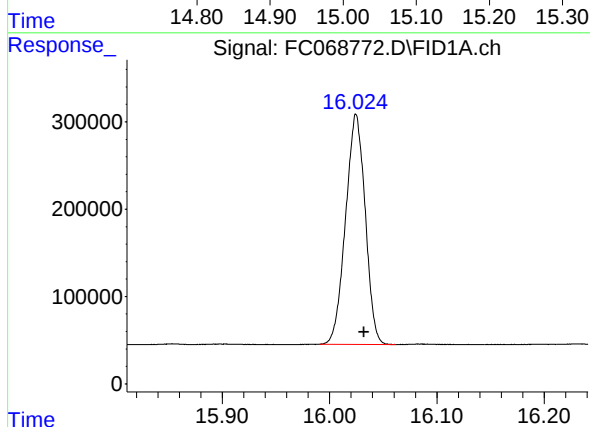
R.T.: 13.898 min
Delta R.T.: -0.007 min
Response: 3360007
Conc: 34.78 ug/ml

Instrument :
FID_C
ClientSampleId :
LARGE-PILE-AMS



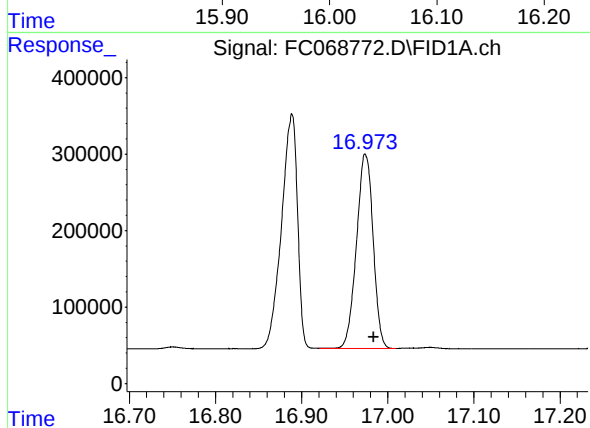
#14 n-Tetracosane (C24)

R.T.: 14.994 min
Delta R.T.: -0.016 min
Response: 7236149
Conc: 76.02 ug/ml



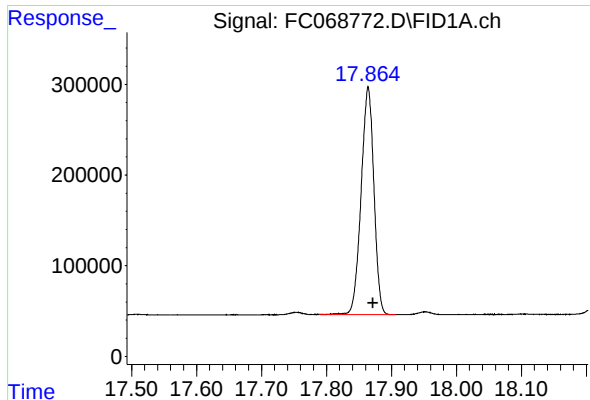
#15 n-Hexacosane (C26)

R.T.: 16.025 min
Delta R.T.: -0.007 min
Response: 3350131
Conc: 35.87 ug/ml



#16 n-Octacosane (C28)

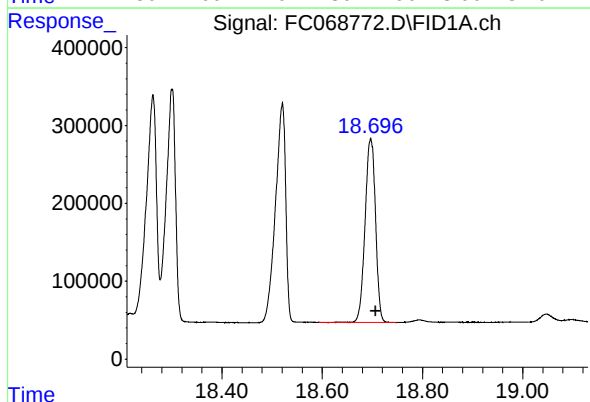
R.T.: 16.974 min
Delta R.T.: -0.009 min
Response: 3418658
Conc: 37.34 ug/ml



#17 n-Tricontane (C30)

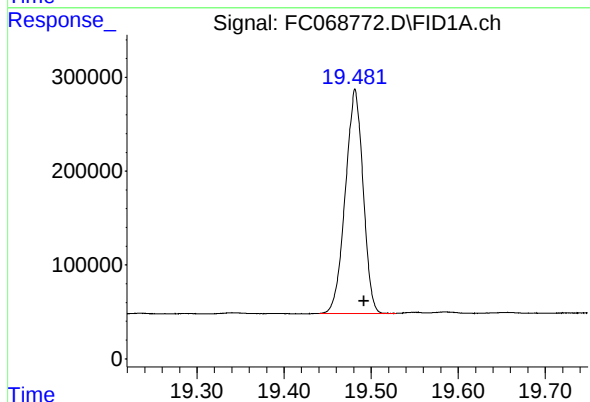
R.T.: 17.864 min
Delta R.T.: -0.007 min
Response: 3433943
Conc: 37.35 ug/ml

Instrument :
FID_C
ClientSampleId :
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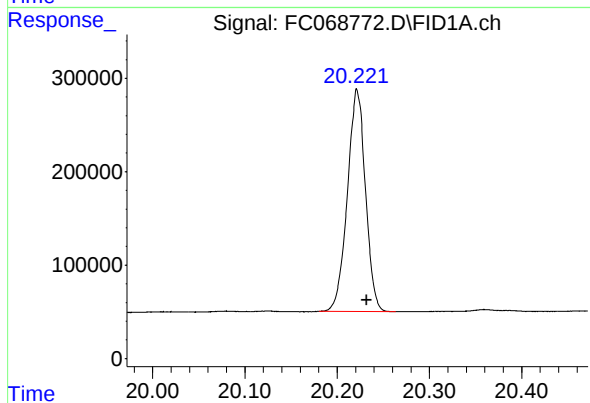
#18 n-Dotriacontane (C32)

R.T.: 18.697 min
Delta R.T.: -0.010 min
Response: 3411794
Conc: 37.19 ug/ml



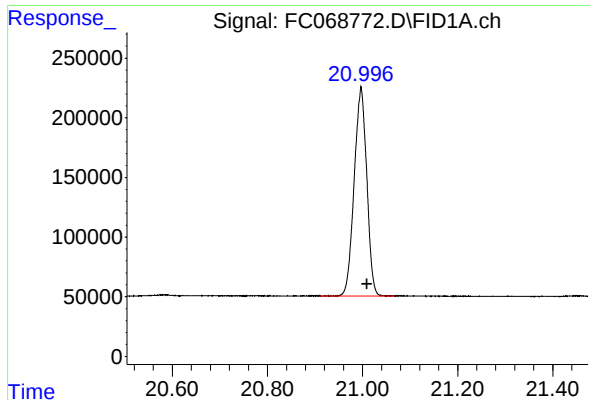
#19 n-Tetratriacontane (C34)

R.T.: 19.482 min
Delta R.T.: -0.010 min
Response: 3386424
Conc: 37.91 ug/ml



#20 n-Hexatriacontane (C36)

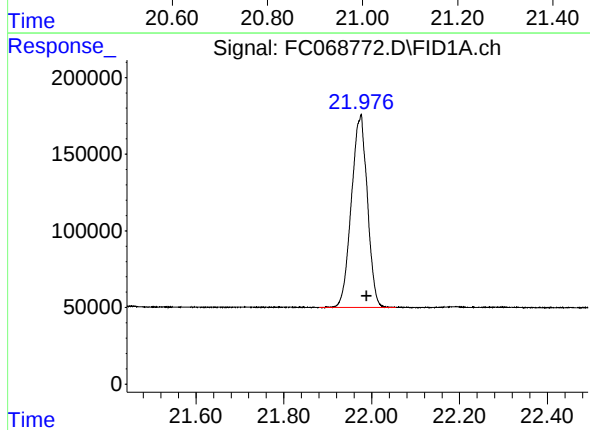
R.T.: 20.222 min
Delta R.T.: -0.011 min
Response: 3234443
Conc: 36.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.997 min
Delta R.T.: -0.013 min
Response: 3198240
Conc: 36.17 ug/ml

Instrument :
FID_C
ClientSampleId :
LARGE-PILE-AMS



#22 n-Tetracontane (C40)

R.T.: 21.974 min
Delta R.T.: -0.015 min
Response: 3172662
Conc: 35.93 ug/ml