

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050525AL\
 Data File : FC068773.D
 Signal(s) : FID1A.ch
 Acq On : 05 May 2025 17:27
 Operator : YP/AJ
 Sample : Q1937-02MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LARGE-PILE-AMSD

Integration File: autoint1.e
 Quant Time: May 06 03:51:43 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	4320219	33.927 ug/ml
Spiked Amount 50.000		Recovery =	67.85%
12) S 1-chlorooctadecane (S...	13.144	3278022	35.288 ug/ml
Spiked Amount 50.000		Recovery =	70.58%
Target Compounds			
1) T n-Nonane (C9)	3.442	2758560	26.191 ug/ml
2) T n-Decane (C10)	4.519	3120230	29.615 ug/ml
3) T A~Naphthalene (C11.7)	6.116	3729692	32.025 ug/ml
4) T n-Dodecane (C12)	6.544	3253903	30.942 ug/ml
5) T A~2-methylnaphthalene...	7.174	3449754	29.869 ug/ml
6) T n-Tetradecane (C14)	8.342	3293916	32.041 ug/ml
7) T n-Hexadecane (C16)	9.944	3269565	32.105 ug/ml
8) T n-Octadecane (C18)	11.388	3252842	32.324 ug/ml
10) T n-Eicosane (C20)	12.697	3320870	33.762 ug/ml
11) T n-Heneicosane (C21)	13.310	3189583	32.728 ug/ml
13) T n-Docosane (C22)	13.898	3190257	33.027 ug/ml
14) T n-Tetracosane (C24)	14.993	6897816	72.468 ug/ml
15) T n-Hexacosane (C26)	16.025	3174179	33.983 ug/ml
16) T n-Octacosane (C28)	16.974	3249478	35.491 ug/ml
17) T n-Tricontane (C30)	17.864	3259861	35.460 ug/ml
18) T n-Dotriacontane (C32)	18.696	3235824	35.276 ug/ml
19) T n-Tetratriacontane (C34)	19.481	3210098	35.932 ug/ml
20) T n-Hexatriacontane (C36)	20.222	3059959	34.159 ug/ml
21) T n-Octatriacontane (C38)	20.995	3029567	34.266 ug/ml
22) T n-Tetracontane (C40)	21.974	3008764	34.072 ug/ml

(f)=RT Delta > 1/2 Window

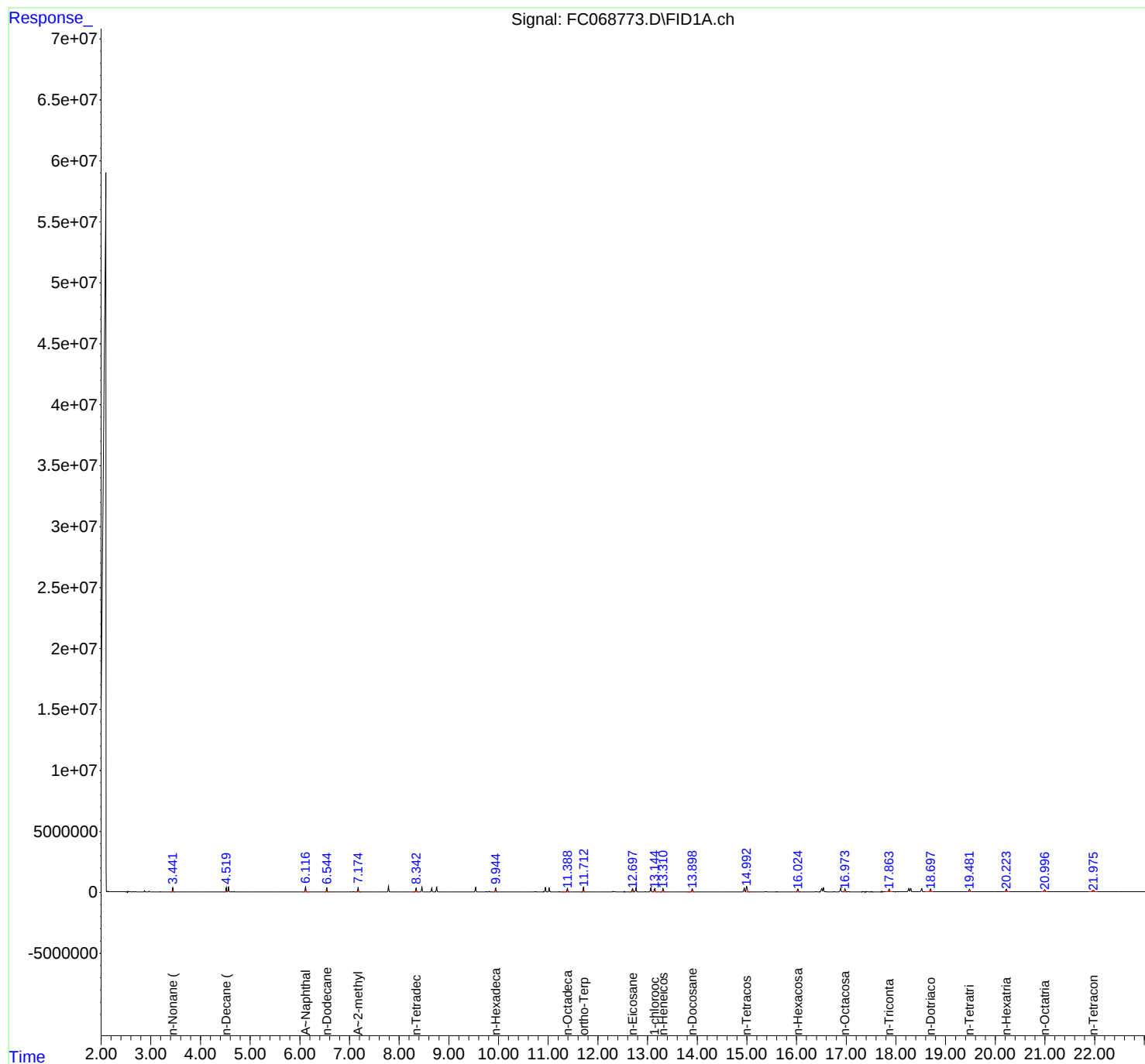
(m)=manual int.

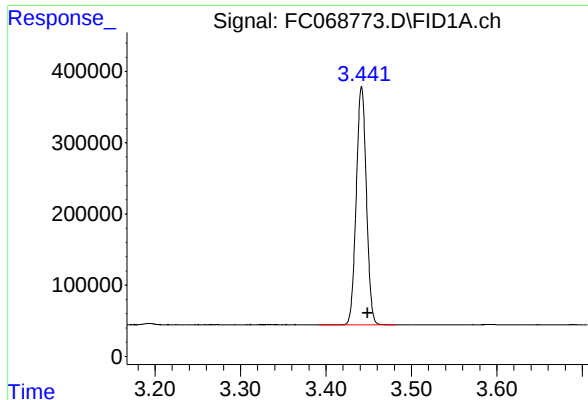
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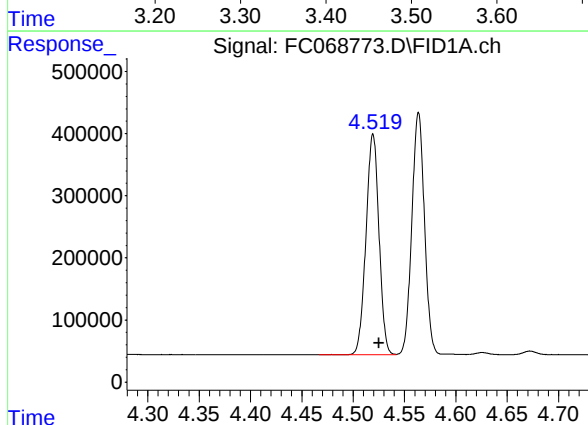




#1 n-Nonane (C9)

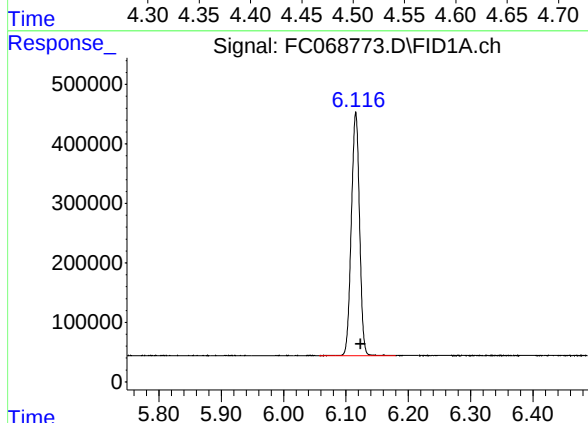
R.T.: 3.442 min
Delta R.T.: -0.007 min
Response: 2758560
Conc: 26.19 ug/ml

Instrument :
FID_C
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LARGE-PILE-AMSD



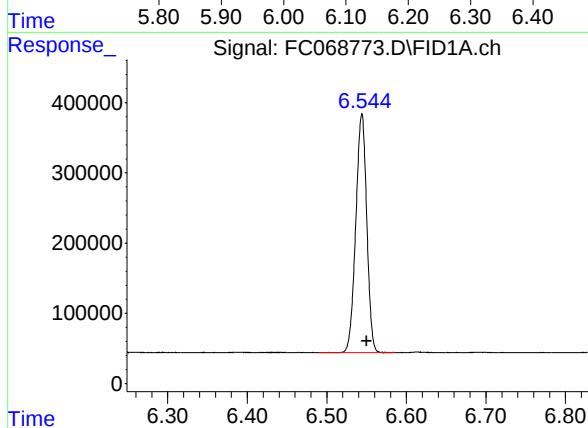
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: -0.006 min
Response: 3120230
Conc: 29.61 ug/ml



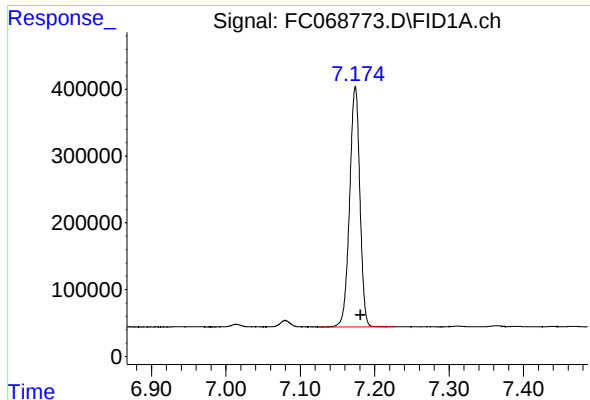
#3 A~Naphthalene (C11.7)

R.T.: 6.116 min
Delta R.T.: -0.008 min
Response: 3729692
Conc: 32.03 ug/ml



#4 n-Dodecane (C12)

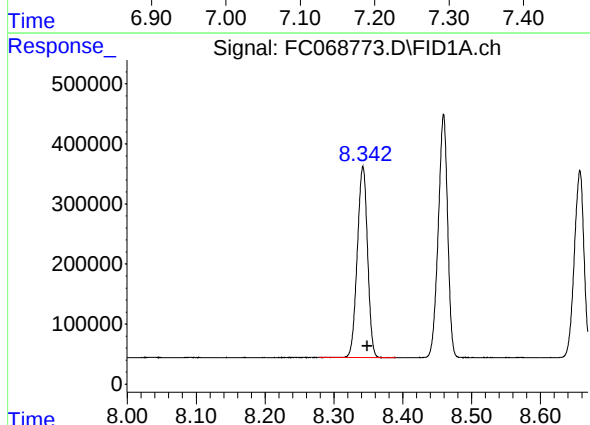
R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 3253903
Conc: 30.94 ug/ml



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

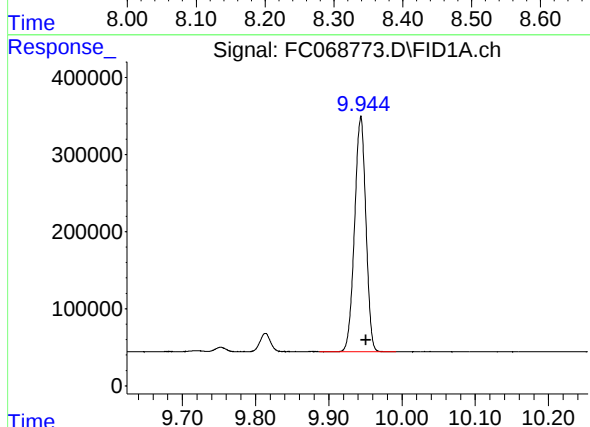
R.T.: 7.174 min
Delta R.T.: -0.007 min
Response: 3449754
Conc: 29.87 ug/ml

Instrument :
FID_C
ClientSampleId :
LARGE-PILE-AMSD



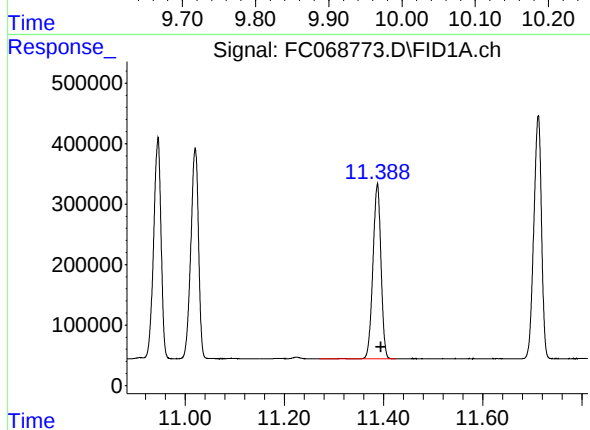
#6 n-Tetradecane (C14)

R.T.: 8.342 min
Delta R.T.: -0.006 min
Response: 3293916
Conc: 32.04 ug/ml



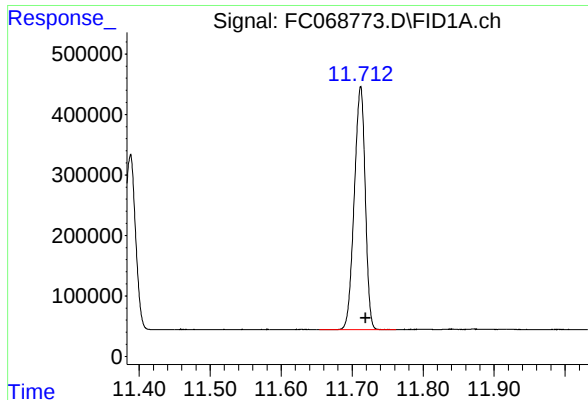
#7 n-Hexadecane (C16)

R.T.: 9.944 min
Delta R.T.: -0.007 min
Response: 3269565
Conc: 32.10 ug/ml



#8 n-Octadecane (C18)

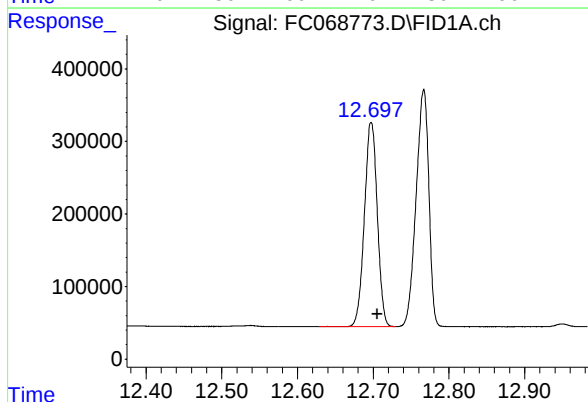
R.T.: 11.388 min
Delta R.T.: -0.007 min
Response: 3252842
Conc: 32.32 ug/ml



#9 ortho-Terphenyl (SURR)

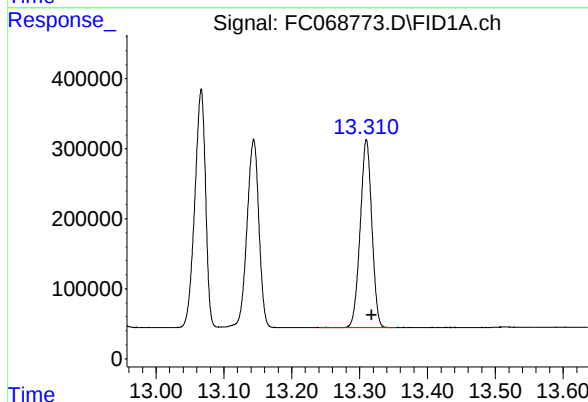
R.T.: 11.712 min
Delta R.T.: -0.007 min
Response: 4320219
Conc: 33.93 ug/ml

Instrument :
FID_C
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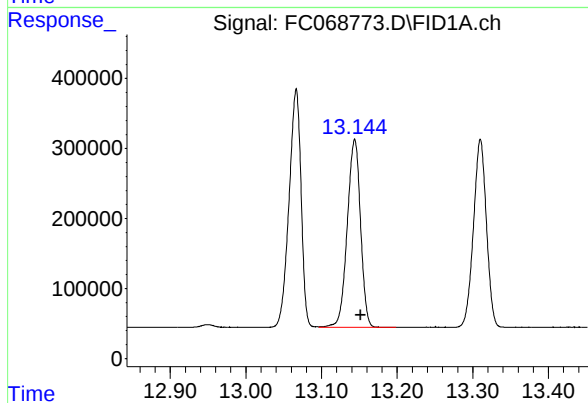
#10 n-Eicosane (C20)

R.T.: 12.697 min
Delta R.T.: -0.008 min
Response: 3320870
Conc: 33.76 ug/ml



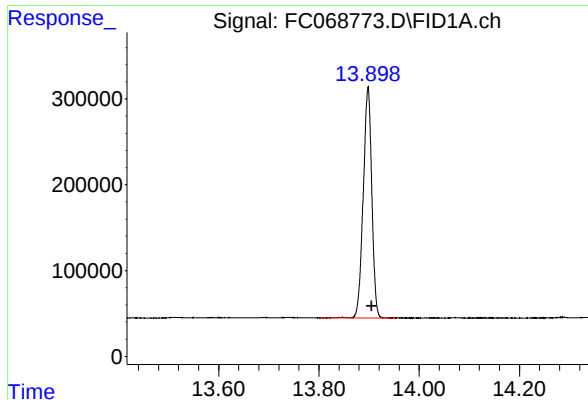
#11 n-Heneicosane (C21)

R.T.: 13.310 min
Delta R.T.: -0.008 min
Response: 3189583
Conc: 32.73 ug/ml



#12 1-chlorooctadecane (SURR)

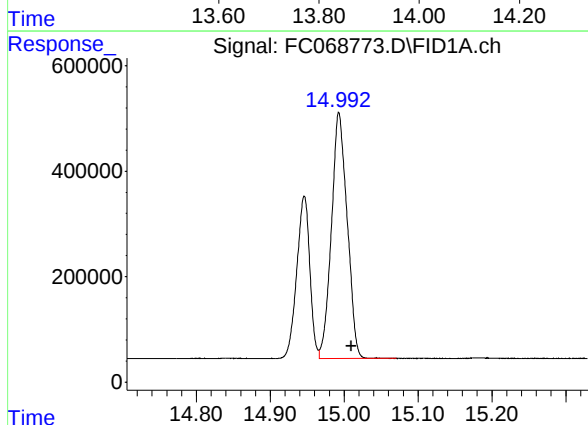
R.T.: 13.144 min
Delta R.T.: -0.008 min
Response: 3278022
Conc: 35.29 ug/ml



#13 n-Docosane (C22)

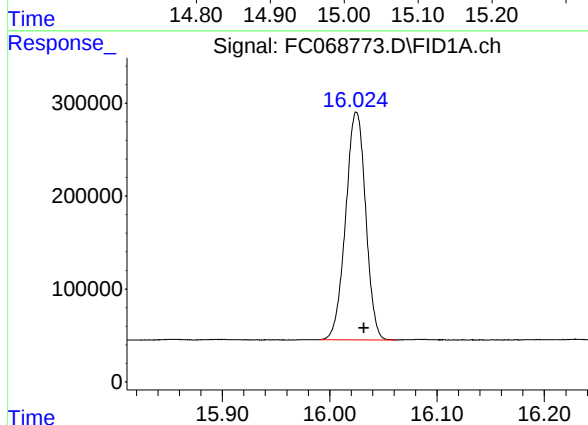
R.T.: 13.898 min
Delta R.T.: -0.007 min
Response: 3190257
Conc: 33.03 ug/ml

Instrument :
FID_C
ClientSampleId :
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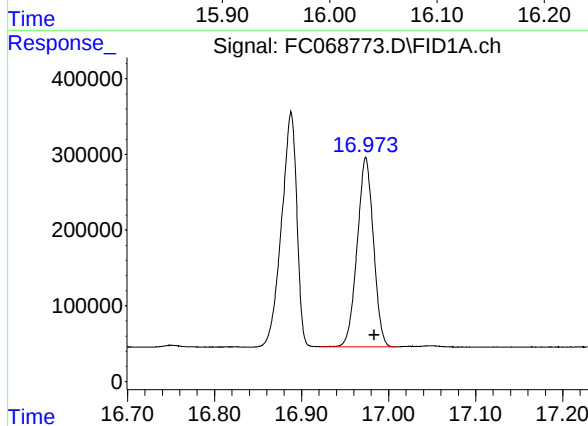
#14 n-Tetracosane (C24)

R.T.: 14.993 min
Delta R.T.: -0.017 min
Response: 6897816
Conc: 72.47 ug/ml



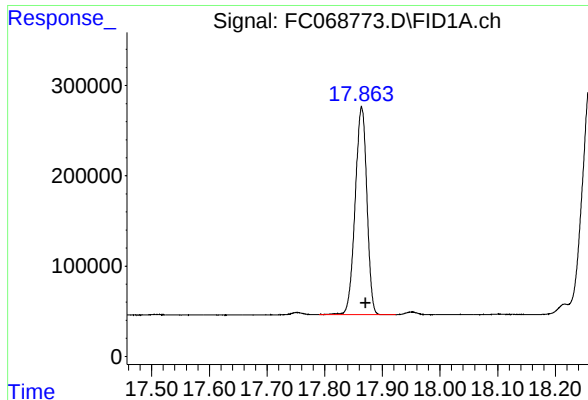
#15 n-Hexacosane (C26)

R.T.: 16.025 min
Delta R.T.: -0.007 min
Response: 3174179
Conc: 33.98 ug/ml



#16 n-Octacosane (C28)

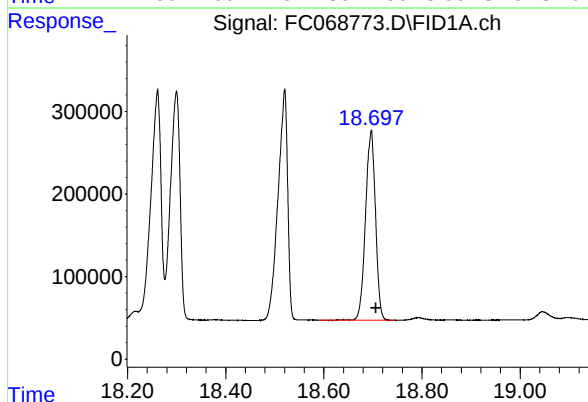
R.T.: 16.974 min
Delta R.T.: -0.010 min
Response: 3249478
Conc: 35.49 ug/ml



#17 n-Tricontane (C30)

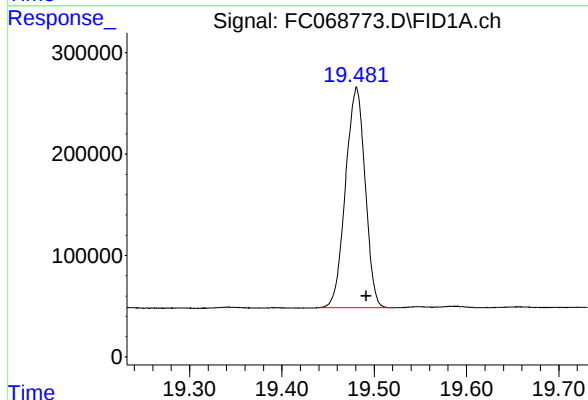
R.T.: 17.864 min
Delta R.T.: -0.007 min
Response: 3259861
Conc: 35.46 ug/ml

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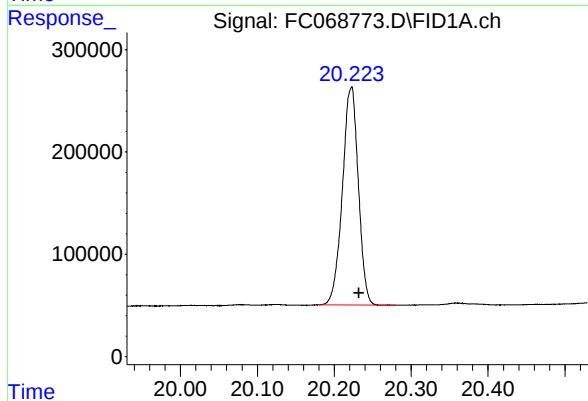
#18 n-Dotriacontane (C32)

R.T.: 18.696 min
Delta R.T.: -0.010 min
Response: 3235824
Conc: 35.28 ug/ml



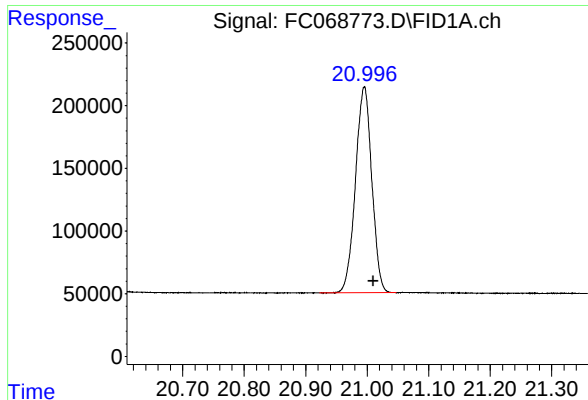
#19 n-Tetratriacontane (C34)

R.T.: 19.481 min
Delta R.T.: -0.011 min
Response: 3210098
Conc: 35.93 ug/ml



#20 n-Hexatriacontane (C36)

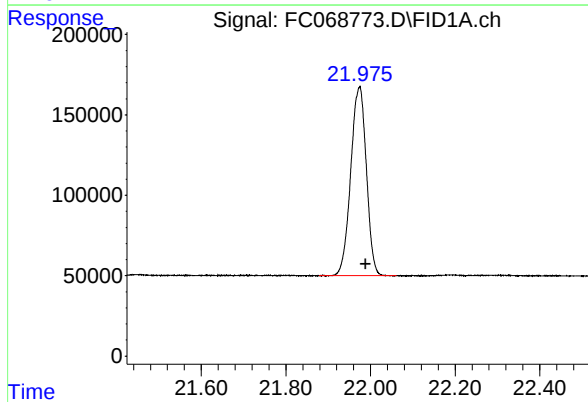
R.T.: 20.222 min
Delta R.T.: -0.010 min
Response: 3059959
Conc: 34.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.995 min
Delta R.T.: -0.014 min
Response: 3029567
Conc: 34.27 ug/ml

Instrument :
FID_C
ClientSampleId :
LARGE-PILE-AMSD



#22 n-Tetracontane (C40)

R.T.: 21.974 min
Delta R.T.: -0.015 min
Response: 3008764
Conc: 34.07 ug/ml