

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050525AL\
 Data File : FC068769.D
 Signal(s) : FID1A.ch
 Acq On : 05 May 2025 15:02
 Operator : YP/AJ
 Sample : PB167855BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167855BSD

Integration File: autoint1.e
 Quant Time: May 06 03:50:56 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	4212856	33.084 ug/ml
Spiked Amount 50.000		Recovery =	66.17%
12) S 1-chlorooctadecane (S...	13.144	3195733	34.402 ug/ml
Spiked Amount 50.000		Recovery =	68.80%
Target Compounds			
1) T n-Nonane (C9)	3.451	4245925	40.313 ug/ml
2) T n-Decane (C10)	4.523	4395562	41.720 ug/ml
3) T A~Naphthalene (C11.7)	6.117	5039674	43.274 ug/ml
4) T n-Dodecane (C12)	6.544	4351144	41.375 ug/ml
5) T A~2-methylnaphthalene...	7.174	4529698	39.219 ug/ml
6) T n-Tetradecane (C14)	8.343	4282077	41.653 ug/ml
7) T n-Hexadecane (C16)	9.944	4160107	40.849 ug/ml
8) T n-Octadecane (C18)	11.388	4075079	40.495 ug/ml
10) T n-Eicosane (C20)	12.699	4119427	41.881 ug/ml
11) T n-Heneicosane (C21)	13.311	3932503	40.351 ug/ml
13) T n-Docosane (C22)	13.898	3900087	40.376 ug/ml
14) T n-Tetracosane (C24)	14.995	8275980	86.947 ug/ml
15) T n-Hexacosane (C26)	16.026	3824813	40.949 ug/ml
16) T n-Octacosane (C28)	16.975	3901705	42.615 ug/ml
17) T n-Tricontane (C30)	17.864	3900919	42.433 ug/ml
18) T n-Dotriacontane (C32)	18.697	3904641	42.567 ug/ml
19) T n-Tetratriacontane (C34)	19.482	3964538	44.376 ug/ml
20) T n-Hexatriacontane (C36)	20.223	3820606	42.651 ug/ml
21) T n-Octatriacontane (C38)	20.996	3801920	43.002 ug/ml
22) T n-Tetracontane (C40)	21.977	3742578	42.382 ug/ml

(f)=RT Delta > 1/2 Window

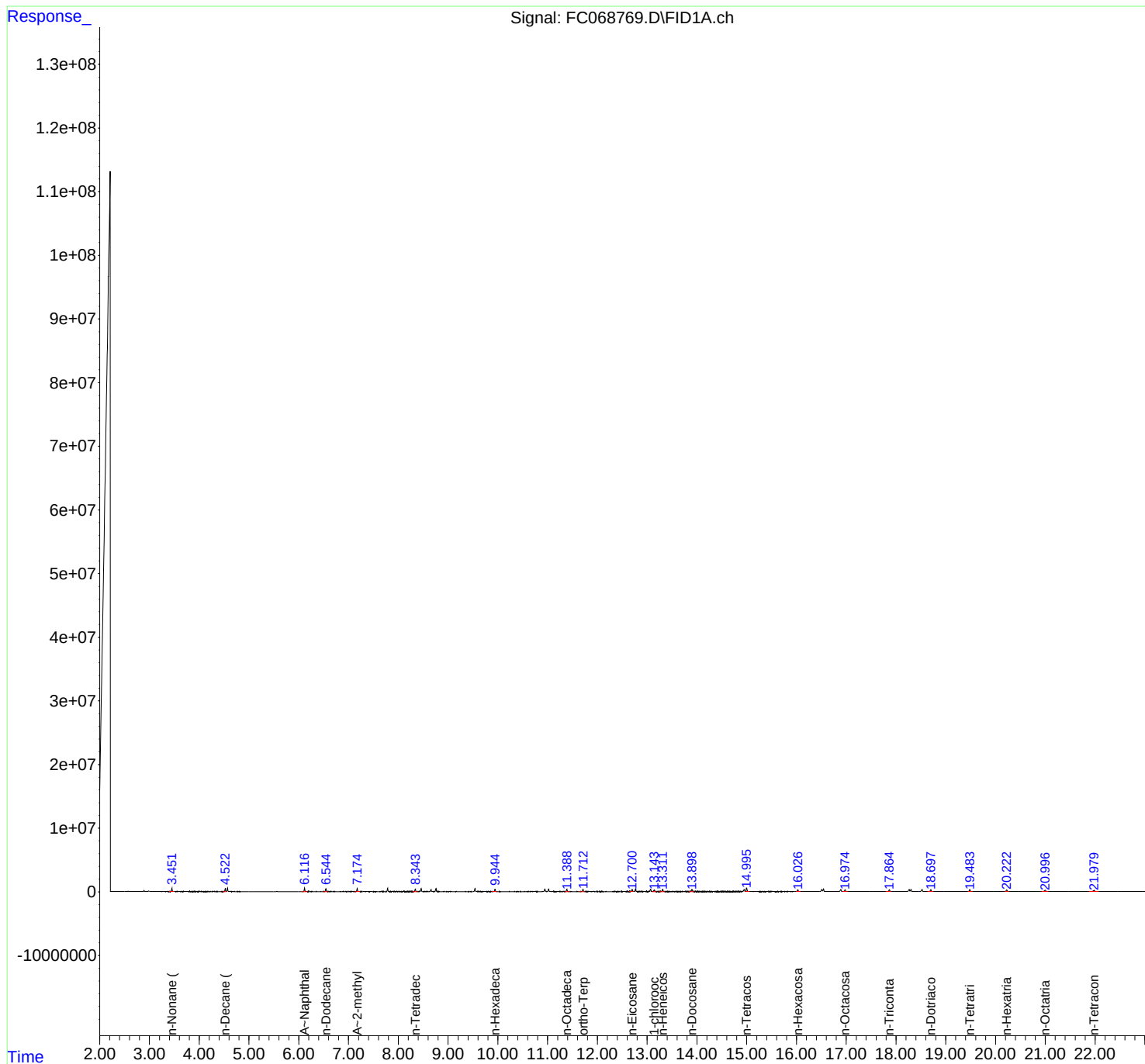
(m)=manual int.

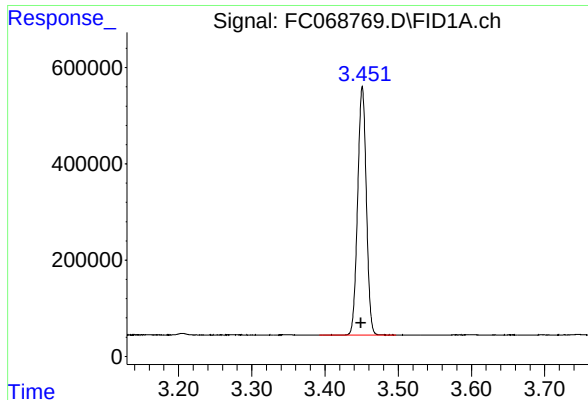
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050525AL\
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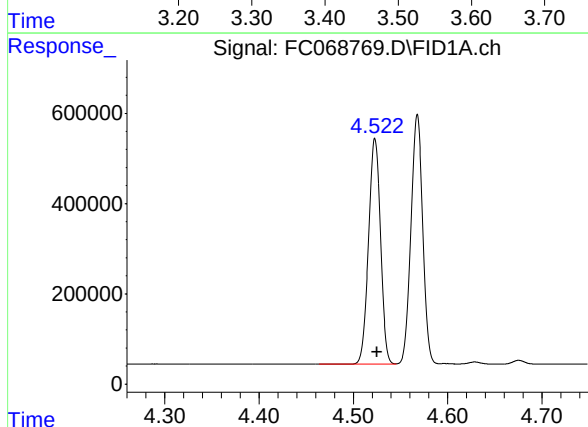




#1 n-Nonane (C9)

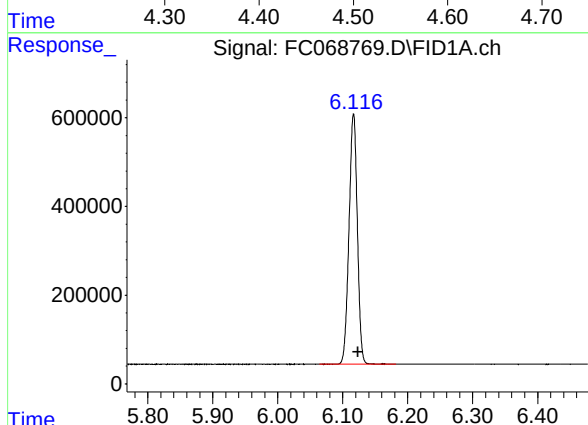
R.T.: 3.451 min
Delta R.T.: 0.002 min
Response: 4245925
Conc: 40.31 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167855BSD



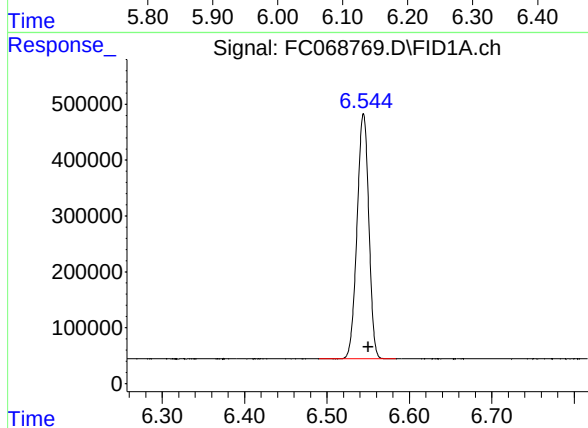
#2 n-Decane (C10)

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 4395562
Conc: 41.72 ug/ml



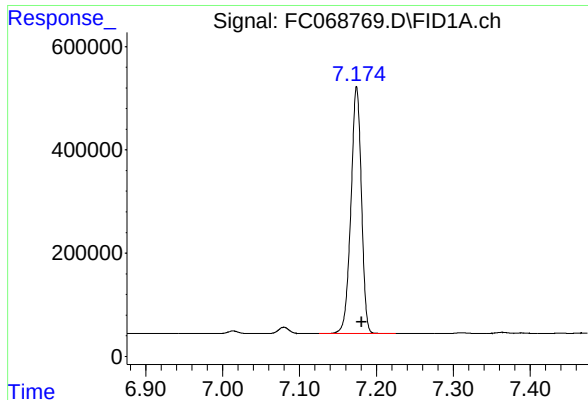
#3 A~Naphthalene (C11.7)

R.T.: 6.117 min
Delta R.T.: -0.007 min
Response: 5039674
Conc: 43.27 ug/ml



#4 n-Dodecane (C12)

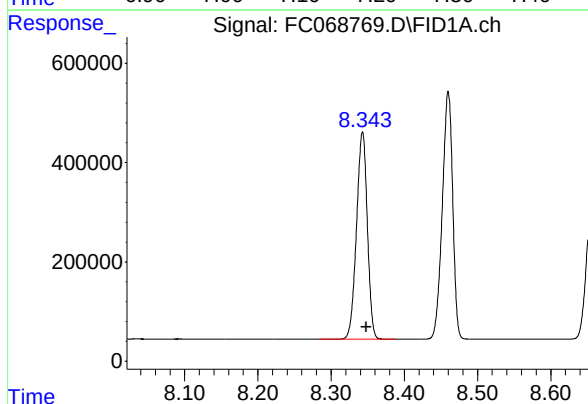
R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 4351144
Conc: 41.38 ug/ml



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

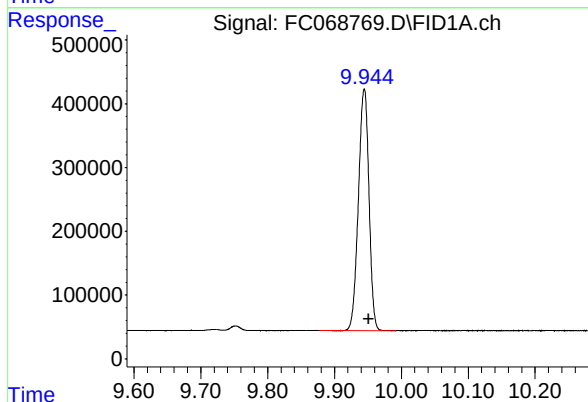
R.T.: 7.174 min
Delta R.T.: -0.007 min
Response: 4529698
Conc: 39.22 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167855BSD



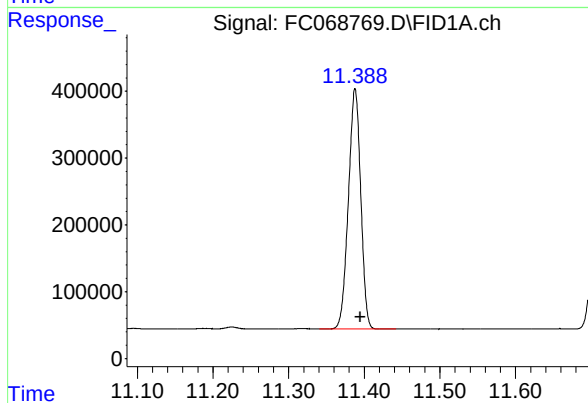
#6 n-Tetradecane (C14)

R.T.: 8.343 min
Delta R.T.: -0.006 min
Response: 4282077
Conc: 41.65 ug/ml



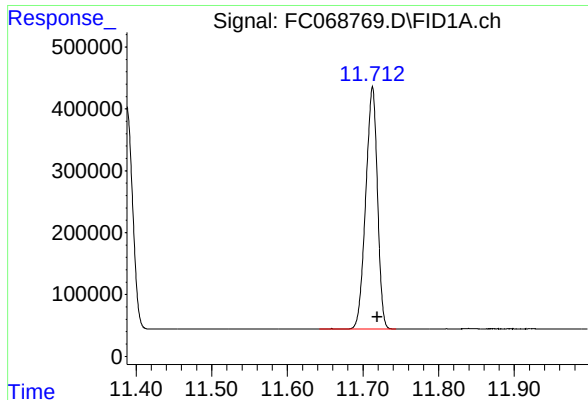
#7 n-Hexadecane (C16)

R.T.: 9.944 min
Delta R.T.: -0.007 min
Response: 4160107
Conc: 40.85 ug/ml



#8 n-Octadecane (C18)

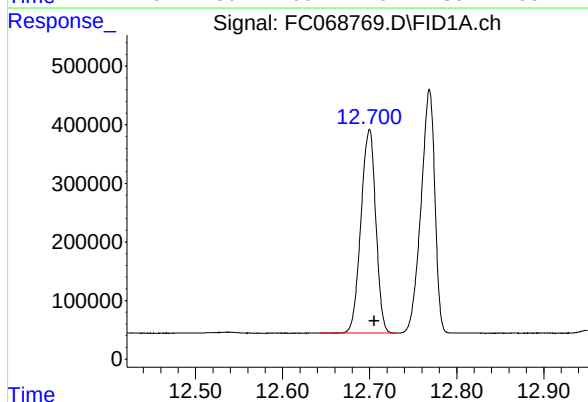
R.T.: 11.388 min
Delta R.T.: -0.007 min
Response: 4075079
Conc: 40.49 ug/ml



#9 ortho-Terphenyl (SURR)

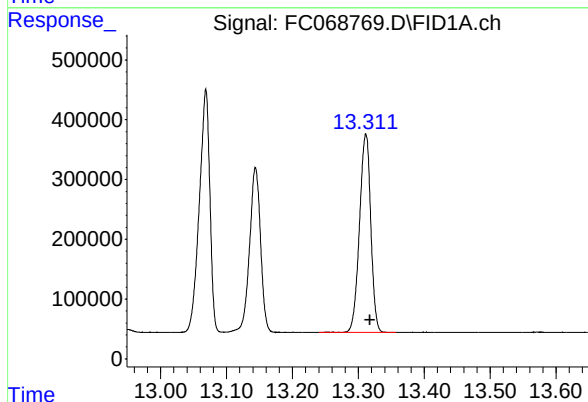
R.T.: 11.712 min
Delta R.T.: -0.006 min
Response: 4212856
Conc: 33.08 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167855BSD



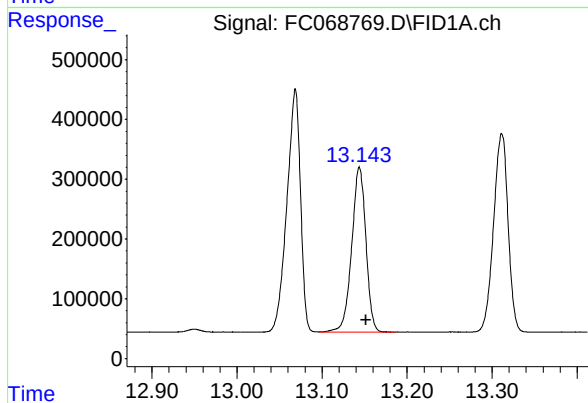
#10 n-Eicosane (C20)

R.T.: 12.699 min
Delta R.T.: -0.006 min
Response: 4119427
Conc: 41.88 ug/ml



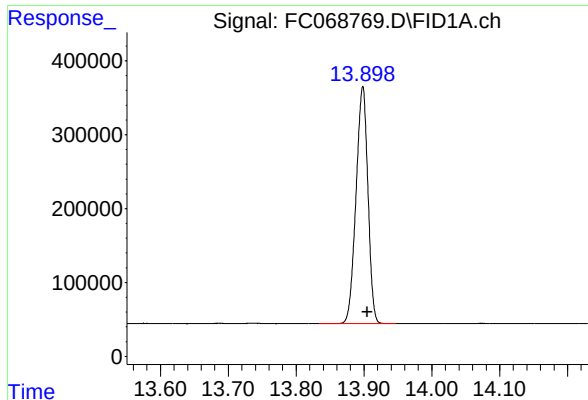
#11 n-Heneicosane (C21)

R.T.: 13.311 min
Delta R.T.: -0.007 min
Response: 3932503
Conc: 40.35 ug/ml



#12 1-chlorooctadecane (SURR)

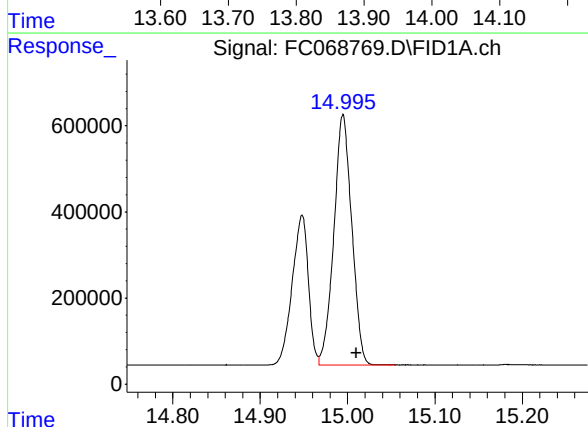
R.T.: 13.144 min
Delta R.T.: -0.008 min
Response: 3195733
Conc: 34.40 ug/ml



#13 n-Docosane (C22)

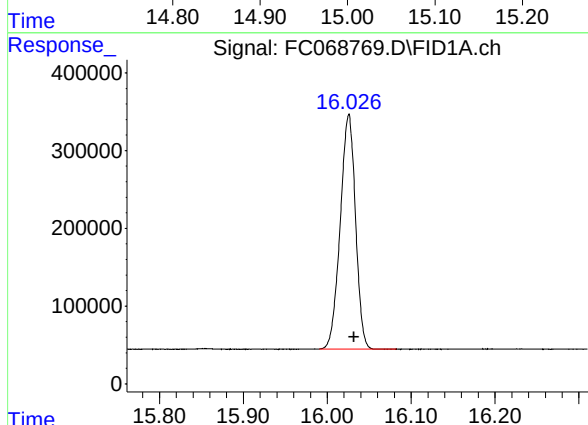
R.T.: 13.898 min
Delta R.T.: -0.007 min
Response: 3900087
Conc: 40.38 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167855BSD



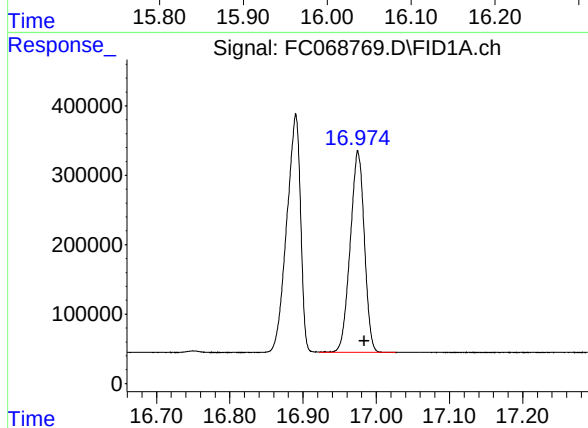
#14 n-Tetracosane (C24)

R.T.: 14.995 min
Delta R.T.: -0.015 min
Response: 8275980
Conc: 86.95 ug/ml



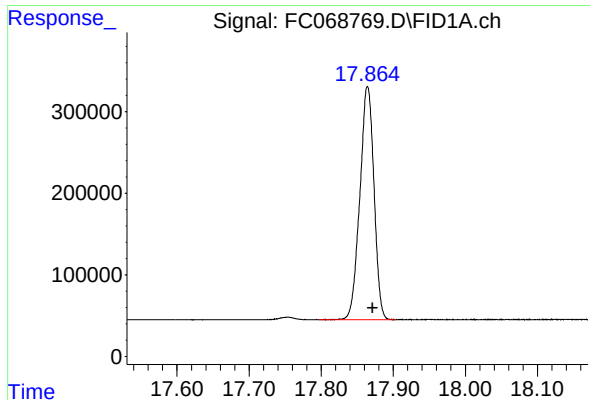
#15 n-Hexacosane (C26)

R.T.: 16.026 min
Delta R.T.: -0.006 min
Response: 3824813
Conc: 40.95 ug/ml



#16 n-Octacosane (C28)

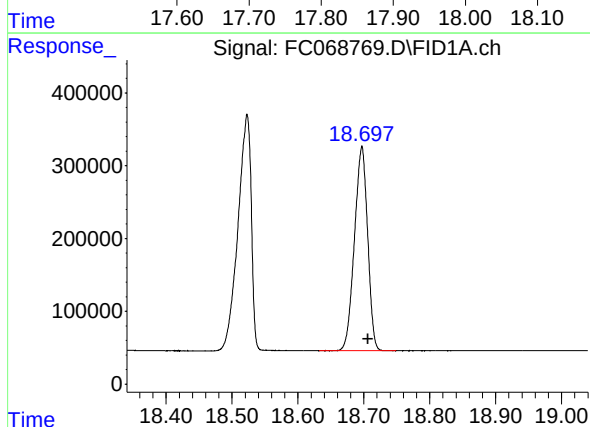
R.T.: 16.975 min
Delta R.T.: -0.008 min
Response: 3901705
Conc: 42.61 ug/ml



#17 n-Tricontane (C30)

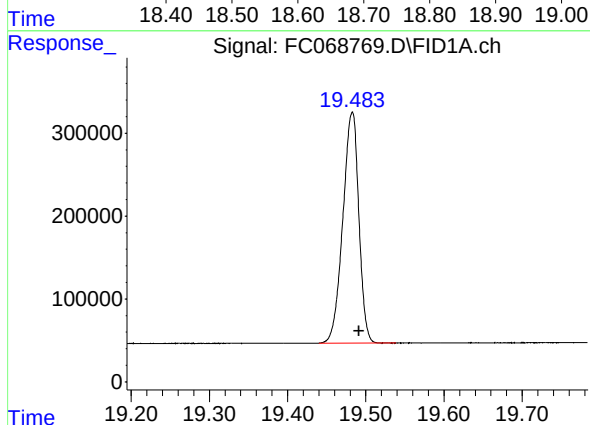
R.T.: 17.864 min
Delta R.T.: -0.007 min
Response: 3900919
Conc: 42.43 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167855BSD



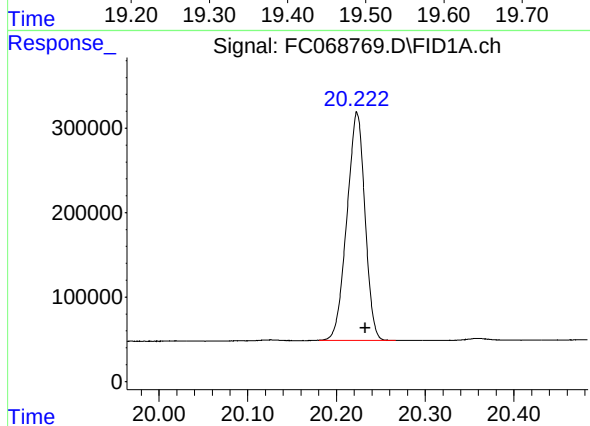
#18 n-Dotriacontane (C32)

R.T.: 18.697 min
Delta R.T.: -0.010 min
Response: 3904641
Conc: 42.57 ug/ml



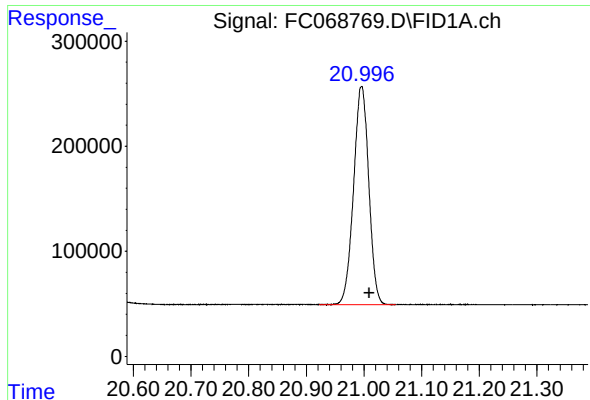
#19 n-Tetatriacontane (C34)

R.T.: 19.482 min
Delta R.T.: -0.009 min
Response: 3964538
Conc: 44.38 ug/ml



#20 n-Hexatriacontane (C36)

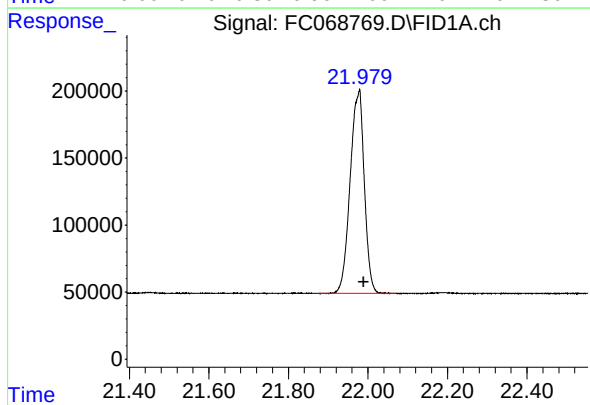
R.T.: 20.223 min
Delta R.T.: -0.009 min
Response: 3820606
Conc: 42.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.996 min
Delta R.T.: -0.014 min
Response: 3801920
Conc: 43.00 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167855BSD



#22 n-Tetracontane (C40)

R.T.: 21.977 min
Delta R.T.: -0.012 min
Response: 3742578
Conc: 42.38 ug/ml