

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050225AL\
 Data File : FC068751.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2025 17:49
 Operator : YP/AJ
 Sample : PB167833BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167833BSD

Integration File: sample.E
 Quant Time: May 05 11:47:57 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)	11.716	4644152	36.471 ug/ml
Spiked Amount 50.000		Recovery =	72.94%
12) S 1-chlorooctadecane (S...	13.148	3546426	38.177 ug/ml
Spiked Amount 50.000		Recovery =	76.35%
Target Compounds			
1) T n-Nonane (C9)	3.451	4118059	39.099 ug/ml
2) T n-Decane (C10)	4.524	4374445	41.519 ug/ml
3) T A~Naphthalene (C11.7)	6.119	5243339	45.022 ug/ml
4) T n-Dodecane (C12)	6.547	4522055	43.000 ug/ml
5) T A~2-methylnaphthalene...	7.177	4840351	41.909 ug/ml
6) T n-Tetradecane (C14)	8.346	4608046	44.824 ug/ml
7) T n-Hexadecane (C16)	9.947	4544897	44.627 ug/ml
8) T n-Octadecane (C18)	11.392	4489707	44.615 ug/ml
10) T n-Eicosane (C20)	12.704	4591075	46.676 ug/ml
11) T n-Heneicosane (C21)	13.316	4406271	45.213 ug/ml
13) T n-Docosane (C22)	13.903	4396944	45.519 ug/ml
14) T n-Tetracosane (C24)	15.002	9463793	99.426 ug/ml
15) T n-Hexacosane (C26)	16.032	4393779	47.040 ug/ml
16) T n-Octacosane (C28)	16.980	4499166	49.140 ug/ml
17) T n-Tricontane (C30)	17.871	4534830	49.328 ug/ml
18) T n-Dotriacontane (C32)	18.704	4545874	49.558 ug/ml
19) T n-Tetratriacontane (C34)	19.489	4606977	51.567 ug/ml
20) T n-Hexatriacontane (C36)	20.230	4420385	49.346 ug/ml
21) T n-Octatriacontane (C38)	21.006	4356609	49.276 ug/ml
22) T n-Tetracontane (C40)	21.987	4274678	48.408 ug/ml

(f)=RT Delta > 1/2 Window

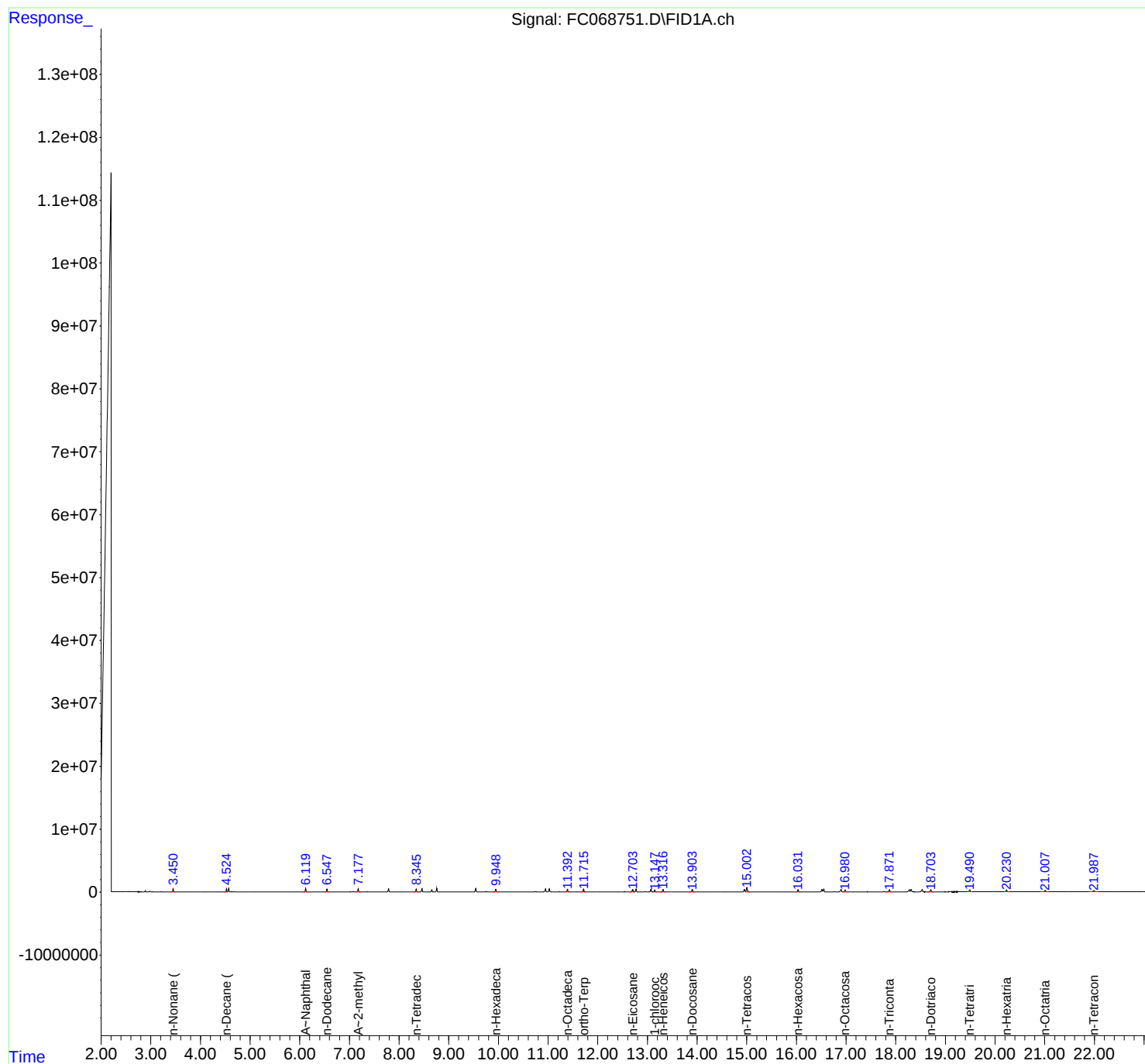
(m)=manual int.

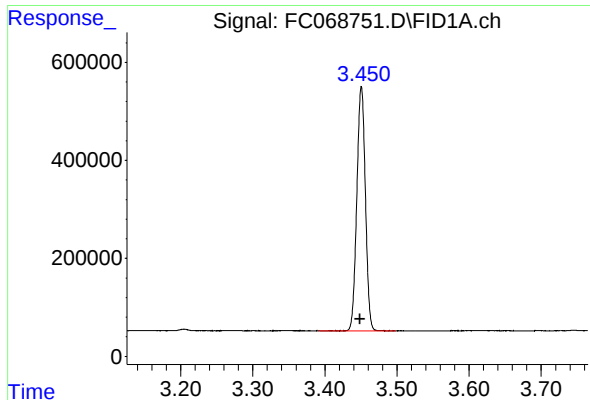
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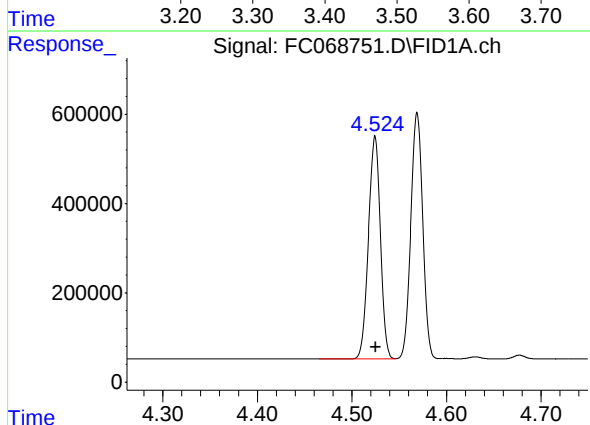




#1 n-Nonane (C9)

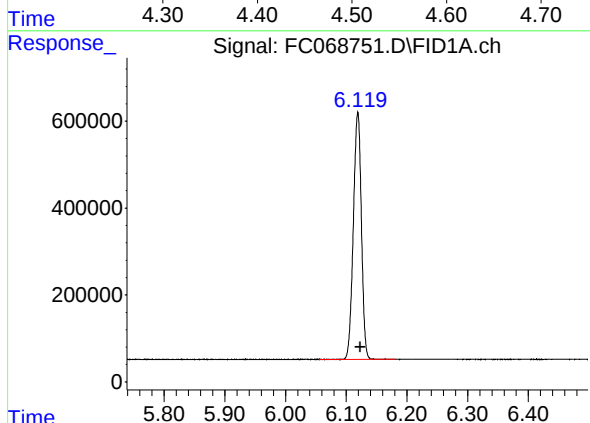
R.T.: 3.451 min
Delta R.T.: 0.002 min
Response: 4118059
Conc: 39.10 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167833BSD



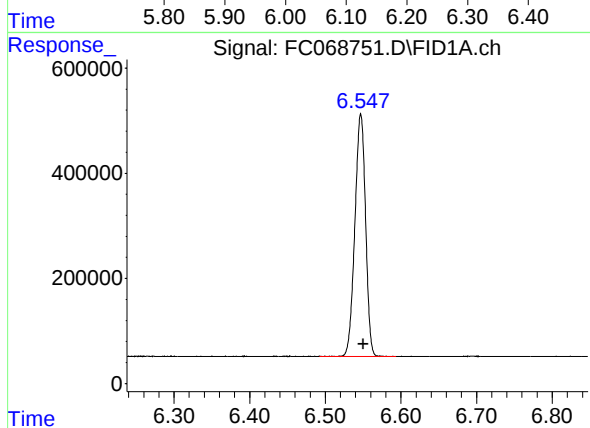
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 4374445
Conc: 41.52 ug/ml



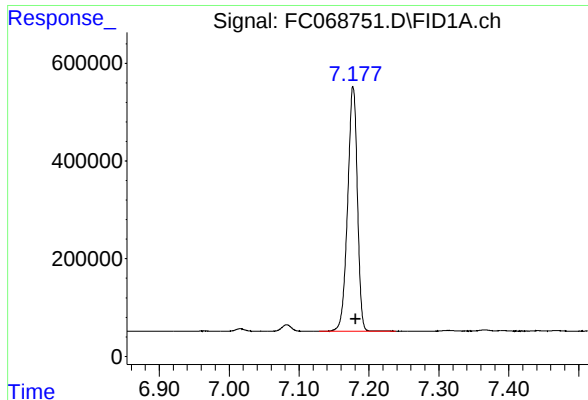
#3 A~Naphthalene (C11.7)

R.T.: 6.119 min
Delta R.T.: -0.005 min
Response: 5243339
Conc: 45.02 ug/ml



#4 n-Dodecane (C12)

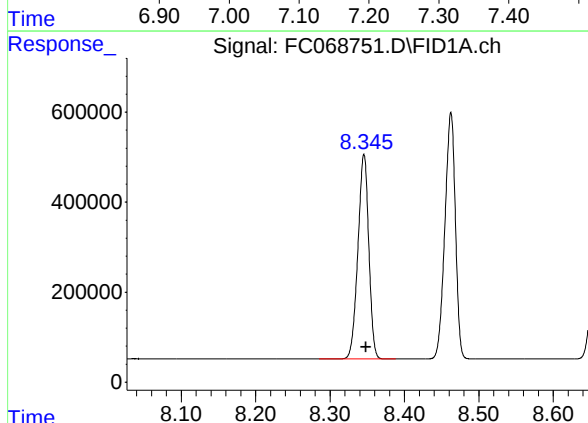
R.T.: 6.547 min
Delta R.T.: -0.003 min
Response: 4522055
Conc: 43.00 ug/ml



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

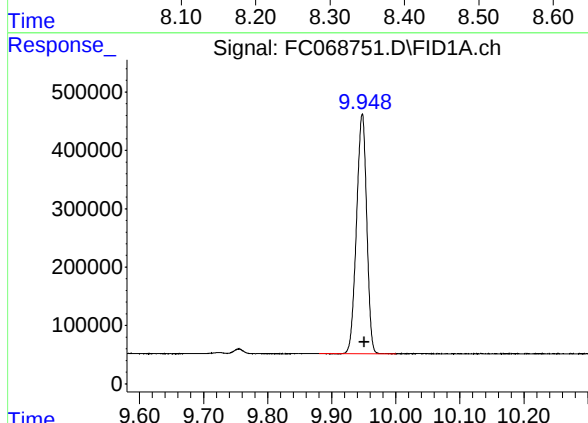
R.T.: 7.177 min
Delta R.T.: -0.004 min
Response: 4840351
Conc: 41.91 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167833BSD



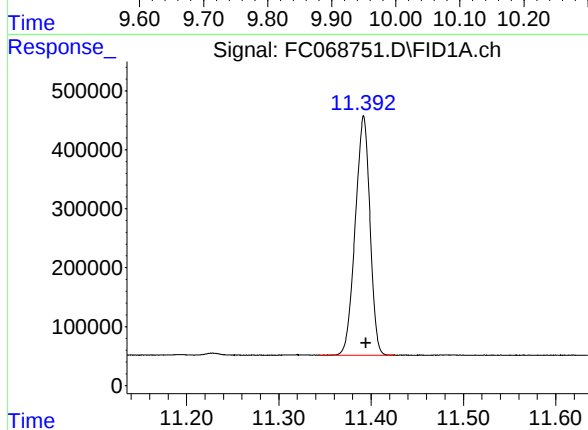
#6 n-Tetradecane (C14)

R.T.: 8.346 min
Delta R.T.: -0.003 min
Response: 4608046
Conc: 44.82 ug/ml



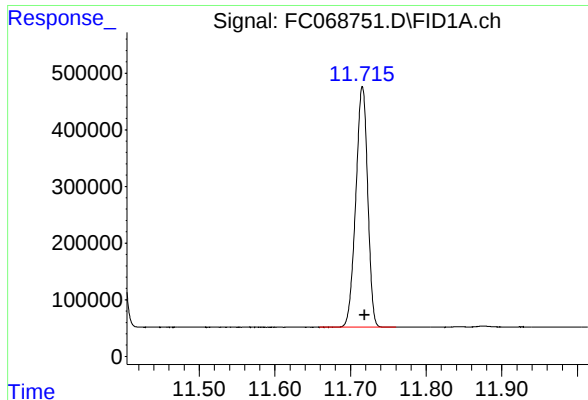
#7 n-Hexadecane (C16)

R.T.: 9.947 min
Delta R.T.: -0.003 min
Response: 4544897
Conc: 44.63 ug/ml



#8 n-Octadecane (C18)

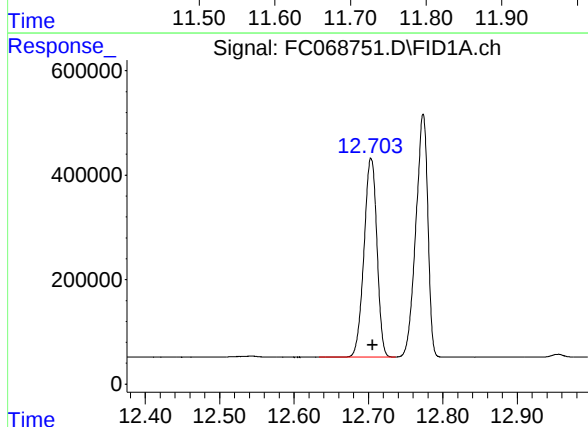
R.T.: 11.392 min
Delta R.T.: -0.003 min
Response: 4489707
Conc: 44.61 ug/ml



#9 ortho-Terphenyl (SURR)

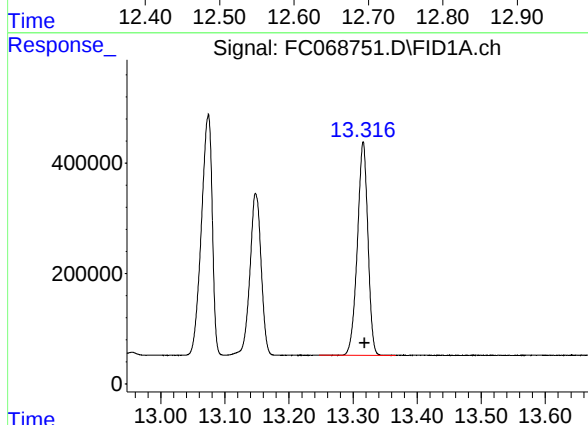
R.T.: 11.716 min
Delta R.T.: -0.003 min
Response: 4644152
Conc: 36.47 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167833BSD



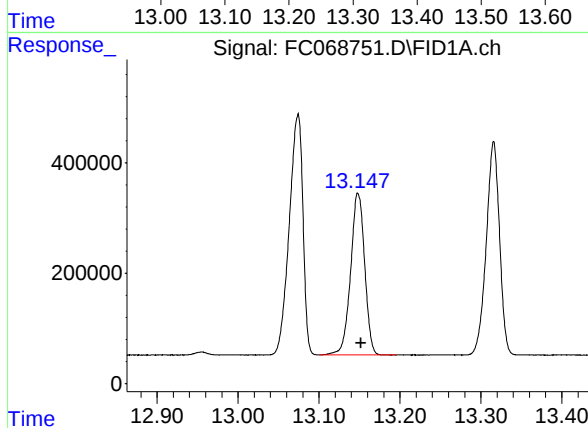
#10 n-Eicosane (C20)

R.T.: 12.704 min
Delta R.T.: -0.002 min
Response: 4591075
Conc: 46.68 ug/ml



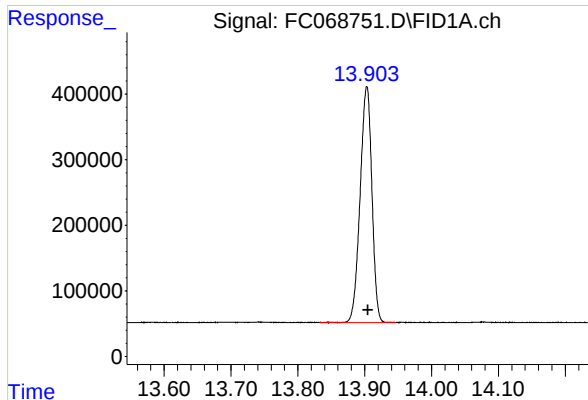
#11 n-Heneicosane (C21)

R.T.: 13.316 min
Delta R.T.: -0.002 min
Response: 4406271
Conc: 45.21 ug/ml



#12 1-chlorooctadecane (SURR)

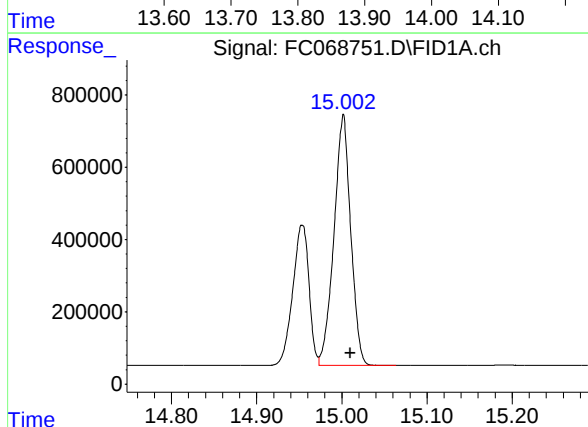
R.T.: 13.148 min
Delta R.T.: -0.004 min
Response: 3546426
Conc: 38.18 ug/ml



#13 n-Docosane (C22)

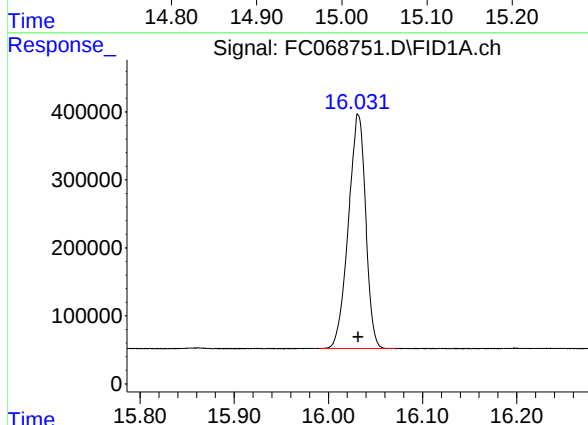
R.T.: 13.903 min
Delta R.T.: -0.002 min
Response: 4396944
Conc: 45.52 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167833BSD



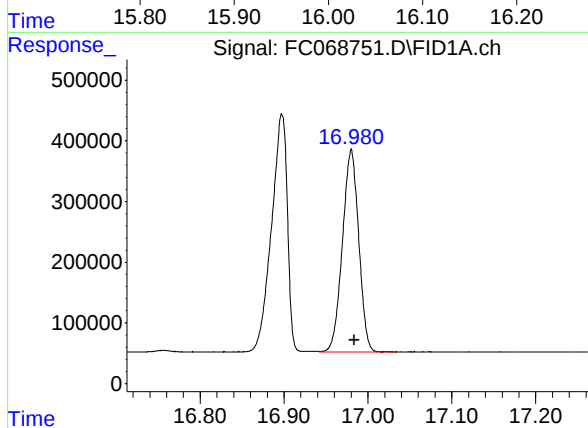
#14 n-Tetracosane (C24)

R.T.: 15.002 min
Delta R.T.: -0.009 min
Response: 9463793
Conc: 99.43 ug/ml



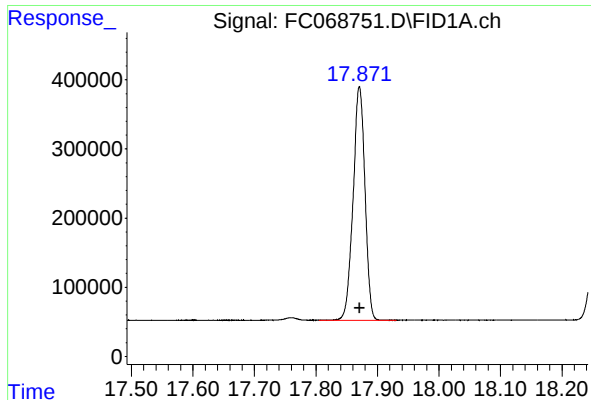
#15 n-Hexacosane (C26)

R.T.: 16.032 min
Delta R.T.: 0.000 min
Response: 4393779
Conc: 47.04 ug/ml



#16 n-Octacosane (C28)

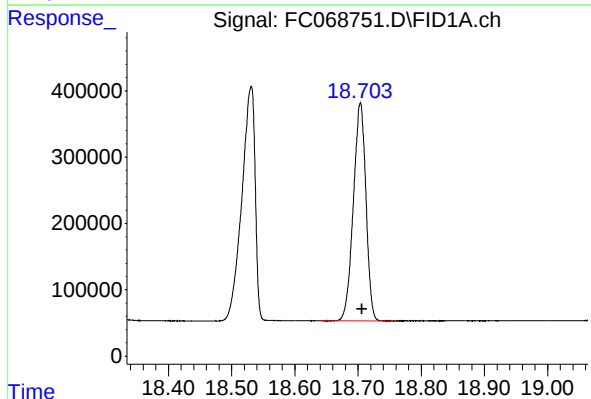
R.T.: 16.980 min
Delta R.T.: -0.004 min
Response: 4499166
Conc: 49.14 ug/ml



#17 n-Tricontane (C30)

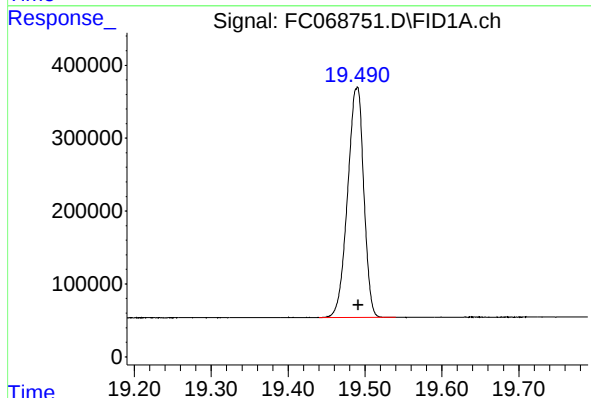
R.T.: 17.871 min
Delta R.T.: 0.000 min
Response: 4534830
Conc: 49.33 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167833BSD



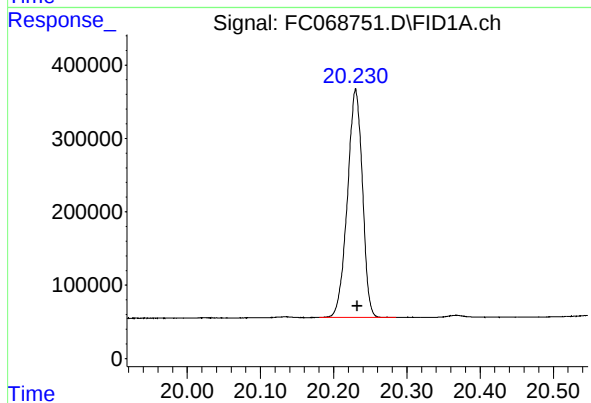
#18 n-Dotriacontane (C32)

R.T.: 18.704 min
Delta R.T.: -0.003 min
Response: 4545874
Conc: 49.56 ug/ml



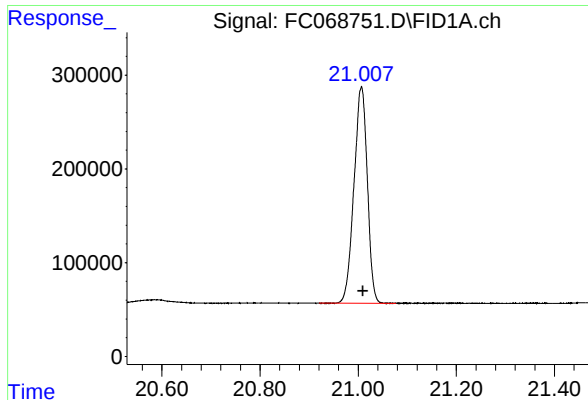
#19 n-Tetratriacontane (C34)

R.T.: 19.489 min
Delta R.T.: -0.002 min
Response: 4606977
Conc: 51.57 ug/ml



#20 n-Hexatriacontane (C36)

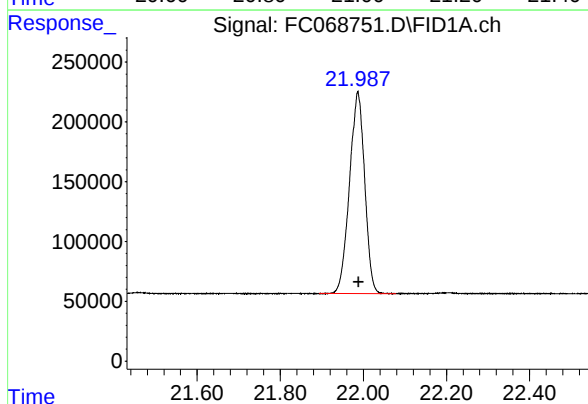
R.T.: 20.230 min
Delta R.T.: -0.002 min
Response: 4420385
Conc: 49.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.006 min
Delta R.T.: -0.003 min
Response: 4356609
Conc: 49.28 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167833BSD



#22 n-Tetracontane (C40)

R.T.: 21.987 min
Delta R.T.: -0.002 min
Response: 4274678
Conc: 48.41 ug/ml