

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042925AL\
 Data File : FC068718.D
 Signal(s) : FID1A.ch
 Acq On : 29 Apr 2025 14:44
 Operator : YP/AJ
 Sample : PB167778BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167778BSD

Integration File: autoint1.e
 Quant Time: Apr 30 04:32:17 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	4159336	32.664 ug/ml
Spiked Amount 50.000		Recovery =	65.33%
12) S 1-chlorooctadecane (S...	13.152	3150465	33.915 ug/ml
Spiked Amount 50.000		Recovery =	67.83%
Target Compounds			
1) T n-Nonane (C9)	3.451	3402274	32.303 ug/ml
2) T n-Decane (C10)	4.525	3518536	33.395 ug/ml
3) T A~Naphthalene (C11.7)	6.121	4162408	35.741 ug/ml
4) T n-Dodecane (C12)	6.549	3592919	34.165 ug/ml
5) T A~2-methylnaphthalene...	7.180	3862408	33.441 ug/ml
6) T n-Tetradecane (C14)	8.348	3772955	36.700 ug/ml
7) T n-Hexadecane (C16)	9.951	3825877	37.567 ug/ml
8) T n-Octadecane (C18)	11.395	3801924	37.780 ug/ml
10) T n-Eicosane (C20)	12.706	3858529	39.229 ug/ml
11) T n-Heneicosane (C21)	13.319	3692558	37.889 ug/ml
13) T n-Docosane (C22)	13.906	3666956	37.962 ug/ml
14) T n-Tetracosane (C24)	15.004	7868410	82.665 ug/ml
15) T n-Hexacosane (C26)	16.035	3626921	38.830 ug/ml
16) T n-Octacosane (C28)	16.985	3708282	40.502 ug/ml
17) T n-Tricontane (C30)	17.876	3732122	40.597 ug/ml
18) T n-Dotriacontane (C32)	18.709	3739853	40.771 ug/ml
19) T n-Tetratriacontane (C34)	19.495	3790490	42.428 ug/ml
20) T n-Hexatriacontane (C36)	20.236	3636108	40.591 ug/ml
21) T n-Octatriacontane (C38)	21.013	3570335	40.383 ug/ml
22) T n-Tetracontane (C40)	21.996	3498303	39.616 ug/ml

(f)=RT Delta > 1/2 Window

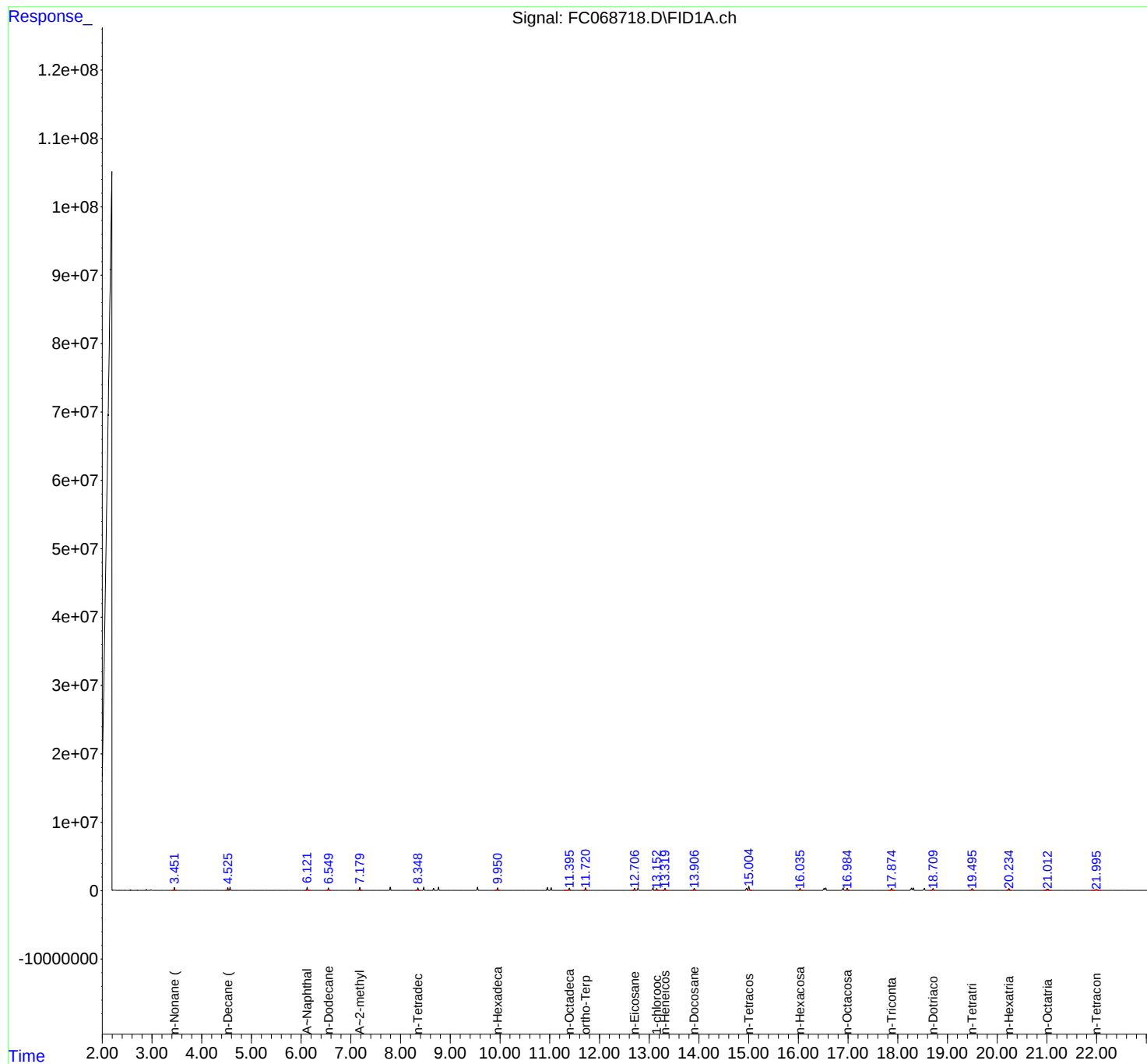
(m)=manual int.

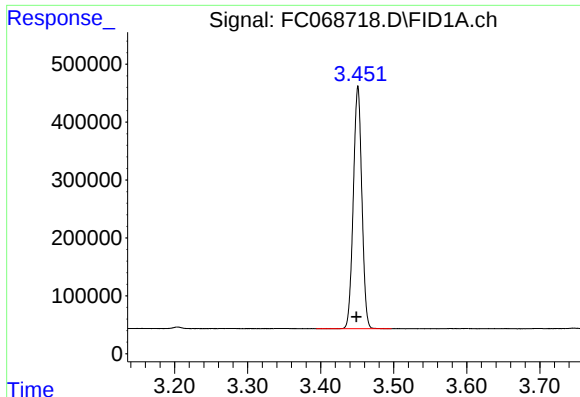
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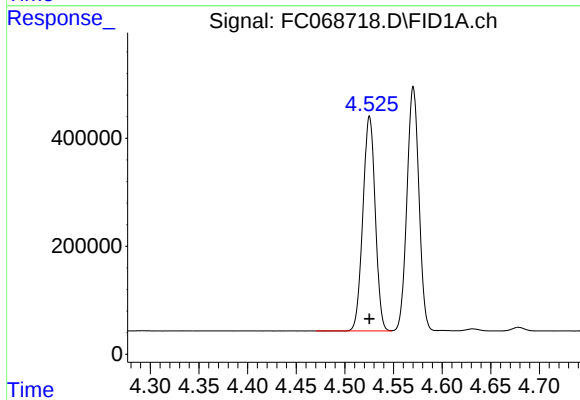




#1 n-Nonane (C9)

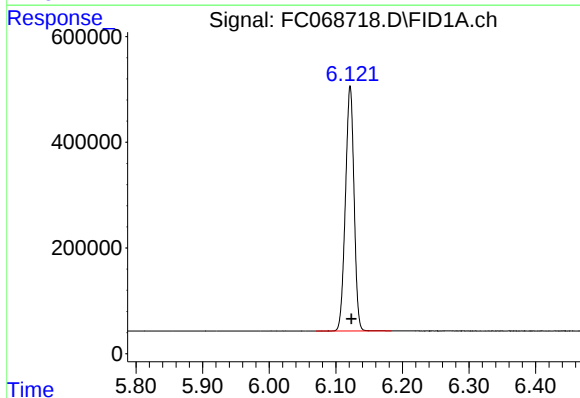
R.T.: 3.451 min
Delta R.T.: 0.002 min
Response: 3402274
Conc: 32.30 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167778BSD



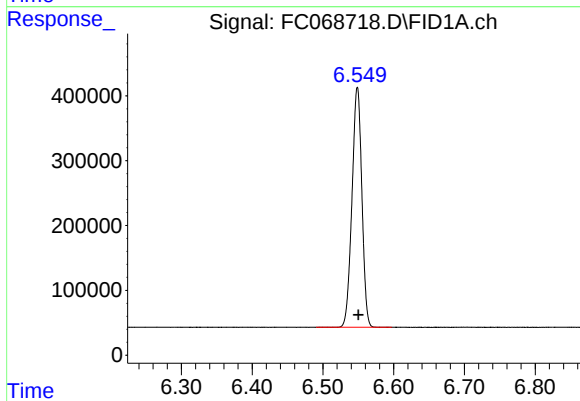
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 3518536
Conc: 33.40 ug/ml



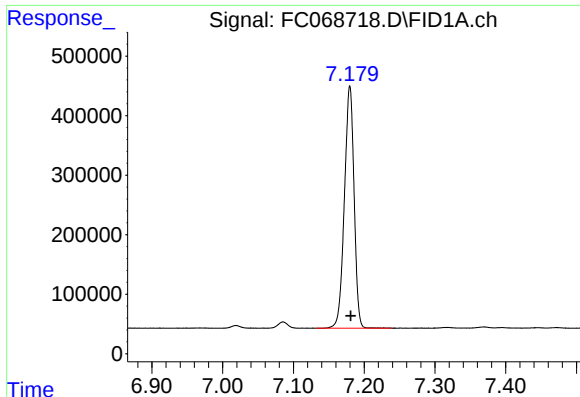
#3 A~Naphthalene (C11.7)

R.T.: 6.121 min
Delta R.T.: -0.002 min
Response: 4162408
Conc: 35.74 ug/ml



#4 n-Dodecane (C12)

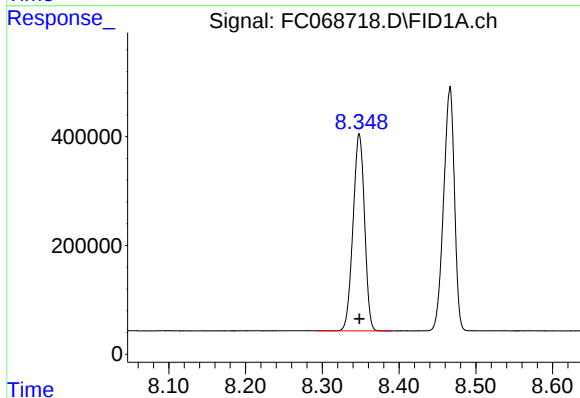
R.T.: 6.549 min
Delta R.T.: -0.002 min
Response: 3592919
Conc: 34.17 ug/ml



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

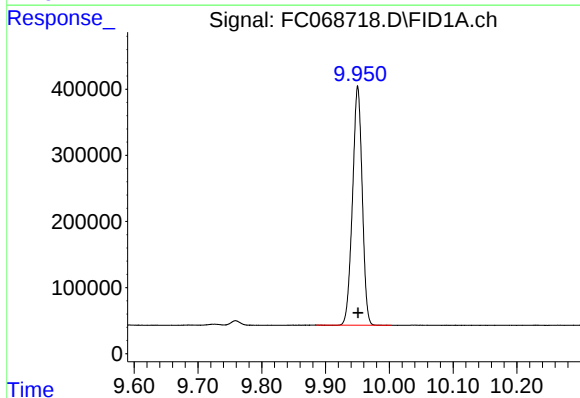
R.T.: 7.180 min
Delta R.T.: -0.001 min
Response: 3862408
Conc: 33.44 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167778BSD



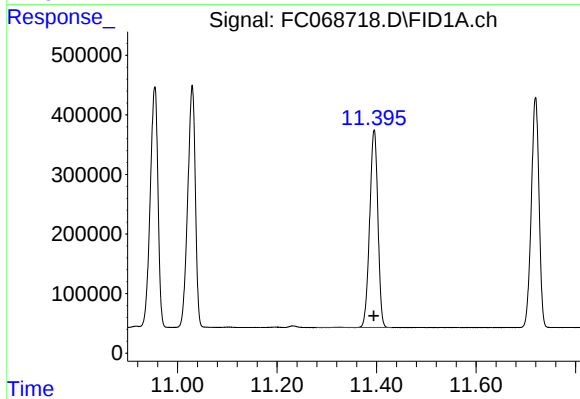
#6 n-Tetradecane (C14)

R.T.: 8.348 min
Delta R.T.: 0.000 min
Response: 3772955
Conc: 36.70 ug/ml



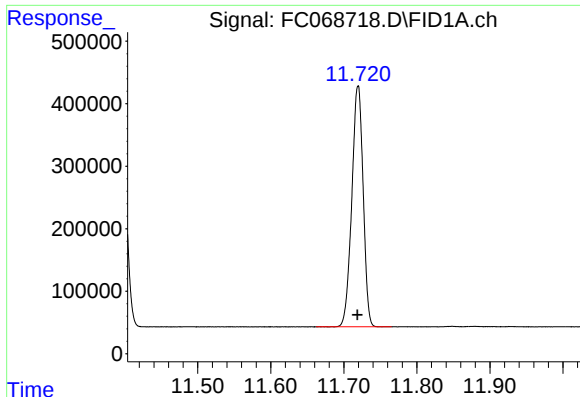
#7 n-Hexadecane (C16)

R.T.: 9.951 min
Delta R.T.: 0.000 min
Response: 3825877
Conc: 37.57 ug/ml



#8 n-Octadecane (C18)

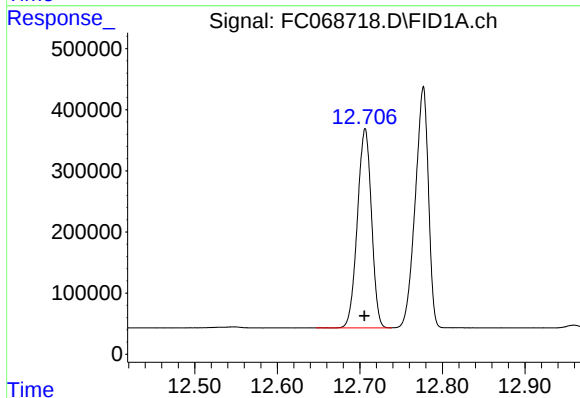
R.T.: 11.395 min
Delta R.T.: 0.000 min
Response: 3801924
Conc: 37.78 ug/ml



#9 ortho-Terphenyl (SURR)

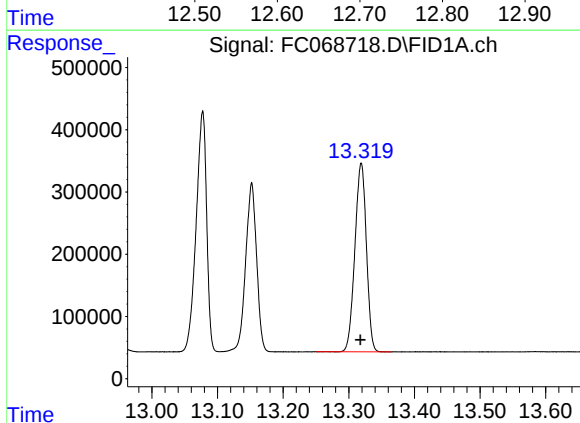
R.T.: 11.719 min
Delta R.T.: 0.000 min
Response: 4159336
Conc: 32.66 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167778BSD



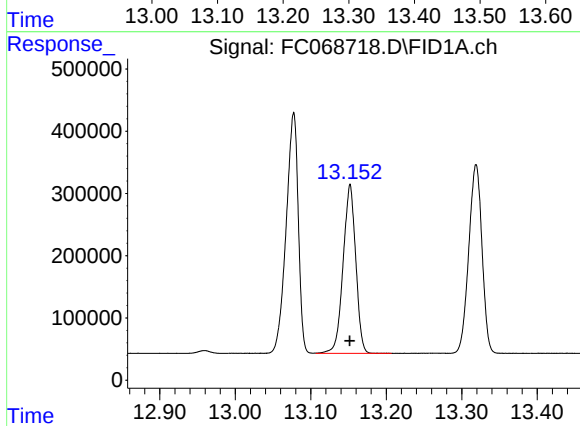
#10 n-Eicosane (C20)

R.T.: 12.706 min
Delta R.T.: 0.000 min
Response: 3858529
Conc: 39.23 ug/ml



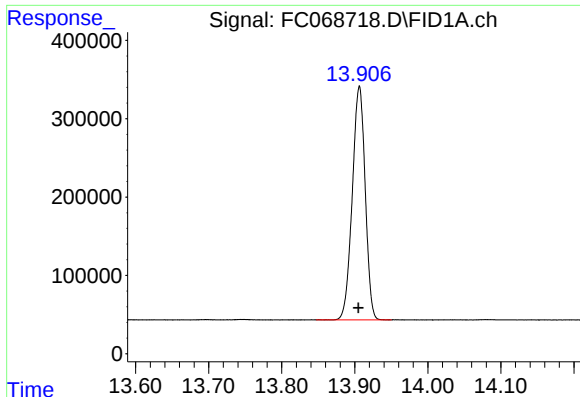
#11 n-Heneicosane (C21)

R.T.: 13.319 min
Delta R.T.: 0.001 min
Response: 3692558
Conc: 37.89 ug/ml



#12 1-chlorooctadecane (SURR)

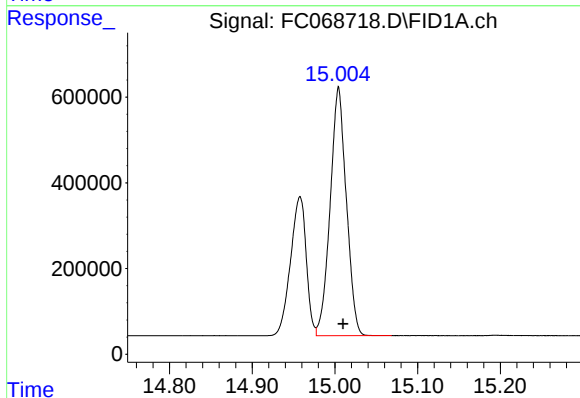
R.T.: 13.152 min
Delta R.T.: 0.000 min
Response: 3150465
Conc: 33.91 ug/ml



#13 n-Docosane (C22)

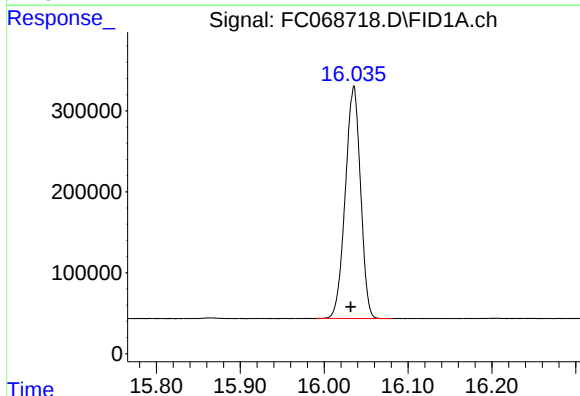
R.T.: 13.906 min
Delta R.T.: 0.001 min
Response: 3666956
Conc: 37.96 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167778BSD



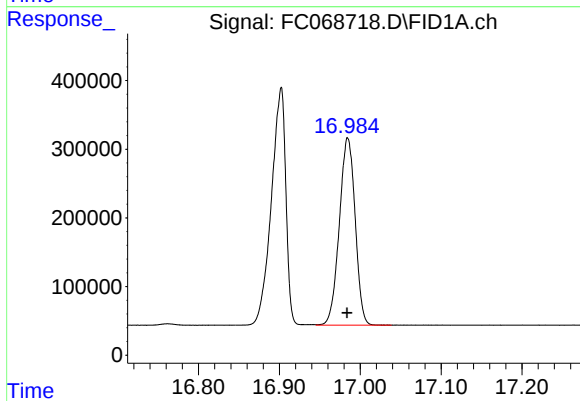
#14 n-Tetracosane (C24)

R.T.: 15.004 min
Delta R.T.: -0.006 min
Response: 7868410
Conc: 82.66 ug/ml



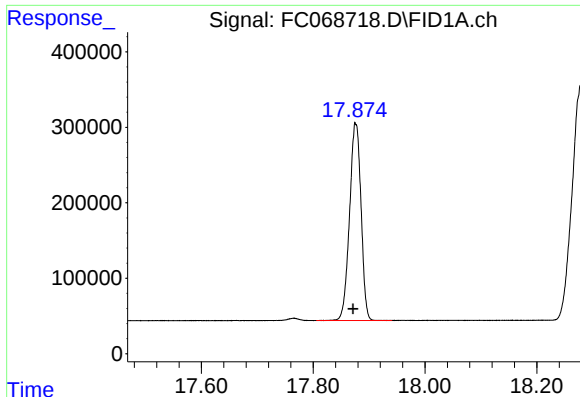
#15 n-Hexacosane (C26)

R.T.: 16.035 min
Delta R.T.: 0.003 min
Response: 3626921
Conc: 38.83 ug/ml



#16 n-Octacosane (C28)

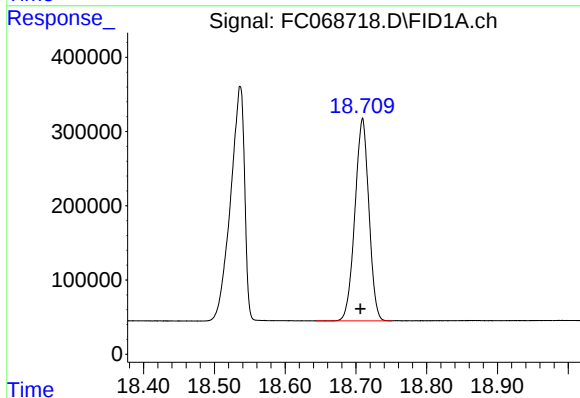
R.T.: 16.985 min
Delta R.T.: 0.001 min
Response: 3708282
Conc: 40.50 ug/ml



#17 n-Tricontane (C30)

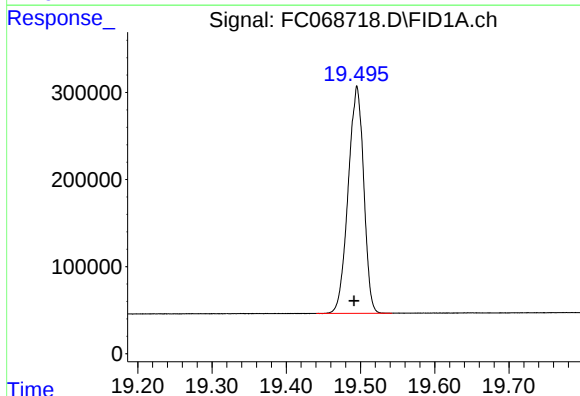
R.T.: 17.876 min
Delta R.T.: 0.005 min
Response: 3732122
Conc: 40.60 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167778BSD



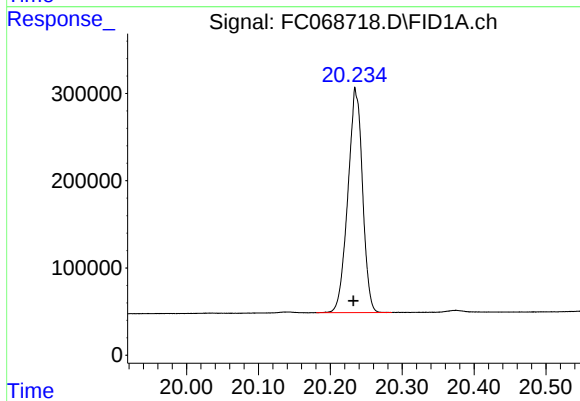
#18 n-Dotriacontane (C32)

R.T.: 18.709 min
Delta R.T.: 0.003 min
Response: 3739853
Conc: 40.77 ug/ml



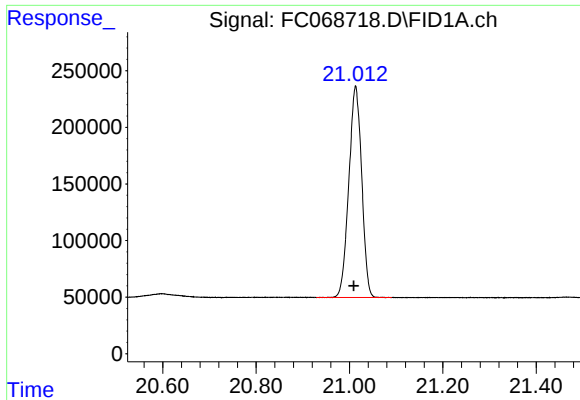
#19 n-Tetratriacontane (C34)

R.T.: 19.495 min
Delta R.T.: 0.004 min
Response: 3790490
Conc: 42.43 ug/ml



#20 n-Hexatriacontane (C36)

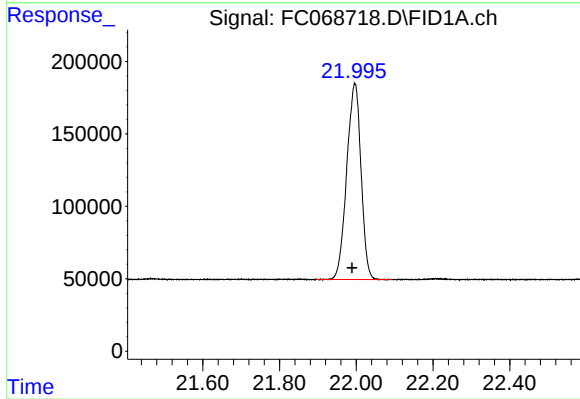
R.T.: 20.236 min
Delta R.T.: 0.003 min
Response: 3636108
Conc: 40.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.013 min
Delta R.T.: 0.004 min
Response: 3570335
Conc: 40.38 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167778BSD



#22 n-Tetracontane (C40)

R.T.: 21.996 min
Delta R.T.: 0.008 min
Response: 3498303
Conc: 39.62 ug/ml