

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042125AL\
 Data File : FC068658.D
 Signal(s) : FID1A.ch
 Acq On : 21 Apr 2025 15:31
 Operator : YP/AJ
 Sample : PB167658BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167658BSD

Integration File: autoint1.e
 Quant Time: Apr 22 01:26:09 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	4361547	34.252 ug/ml
Spiked Amount 50.000		Recovery =	68.50%
12) S 1-chlorooctadecane (S...	13.152	3295149	35.472 ug/ml
Spiked Amount 50.000		Recovery =	70.94%
Target Compounds			
1) T n-Nonane (C9)	3.452	3625781	34.425 ug/ml
2) T n-Decane (C10)	4.526	3772568	35.807 ug/ml
3) T A~Naphthalene (C11.7)	6.122	4348835	37.342 ug/ml
4) T n-Dodecane (C12)	6.549	3753876	35.696 ug/ml
5) T A~2-methylnaphthalene...	7.180	3920022	33.940 ug/ml
6) T n-Tetradecane (C14)	8.348	3716754	36.154 ug/ml
7) T n-Hexadecane (C16)	9.950	3639473	35.737 ug/ml
8) T n-Octadecane (C18)	11.394	3598488	35.759 ug/ml
10) T n-Eicosane (C20)	12.706	3677594	37.389 ug/ml
11) T n-Heneicosane (C21)	13.319	3523655	36.156 ug/ml
13) T n-Docosane (C22)	13.906	3511309	36.351 ug/ml
14) T n-Tetracosane (C24)	15.005	7473497	78.516 ug/ml
15) T n-Hexacosane (C26)	16.034	3468709	37.136 ug/ml
16) T n-Octacosane (C28)	16.985	3534668	38.606 ug/ml
17) T n-Tricontane (C30)	17.876	3537682	38.482 ug/ml
18) T n-Dotriacontane (C32)	18.709	3536124	38.550 ug/ml
19) T n-Tetratriacontane (C34)	19.495	3576771	40.036 ug/ml
20) T n-Hexatriacontane (C36)	20.236	3435208	38.348 ug/ml
21) T n-Octatriacontane (C38)	21.014	3386866	38.308 ug/ml
22) T n-Tetracontane (C40)	21.994	3352439	37.964 ug/ml

(f)=RT Delta > 1/2 Window

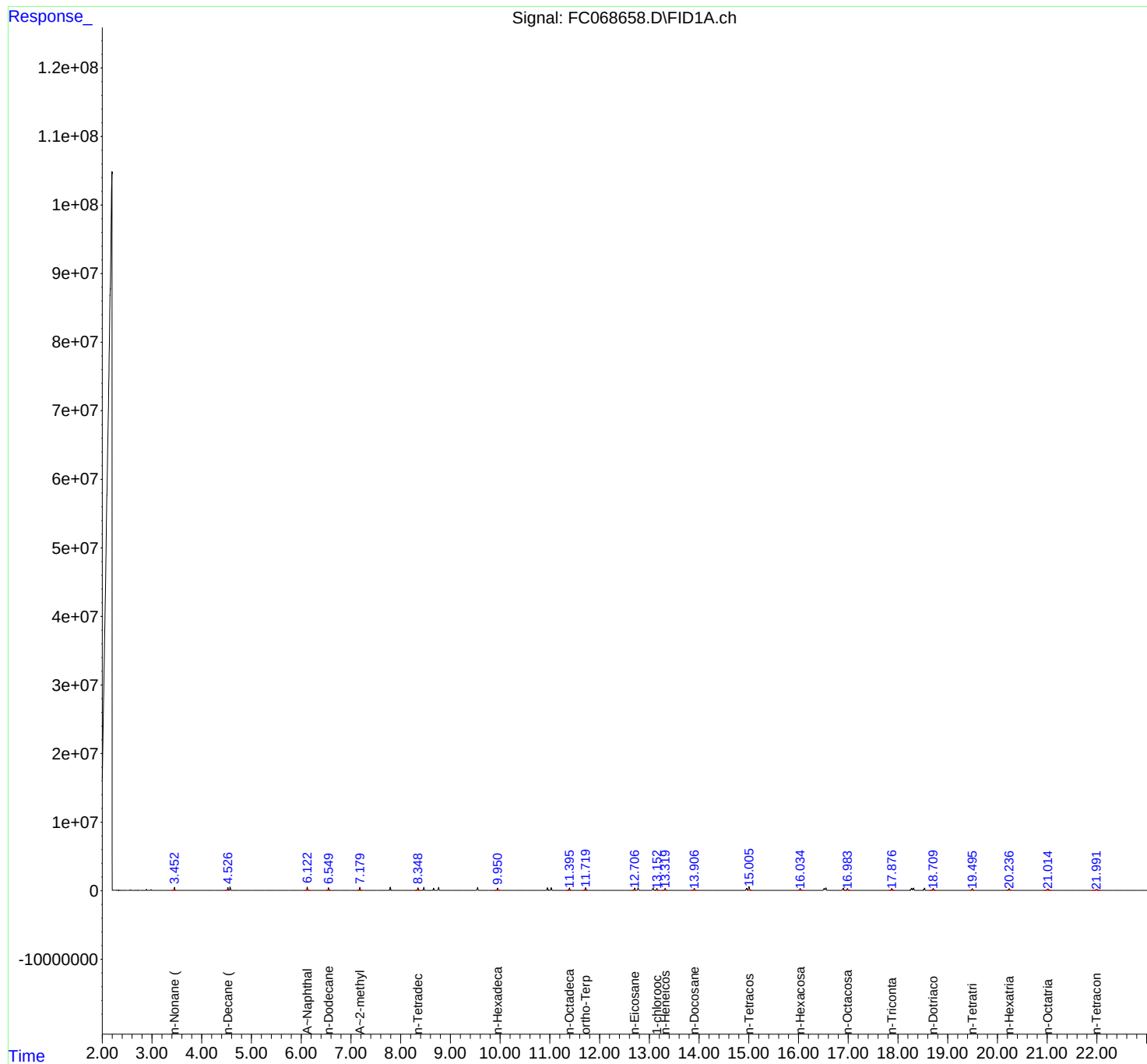
(m)=manual int.

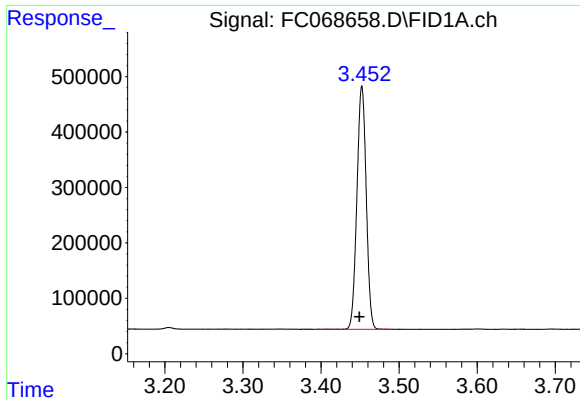
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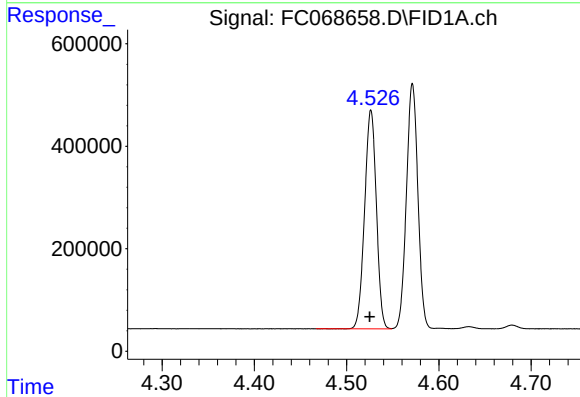




#1 n-Nonane (C9)

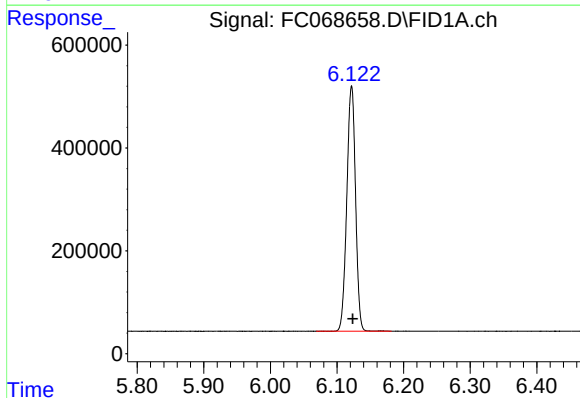
R.T.: 3.452 min
Delta R.T.: 0.003 min
Response: 3625781
Conc: 34.43 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167658BSD



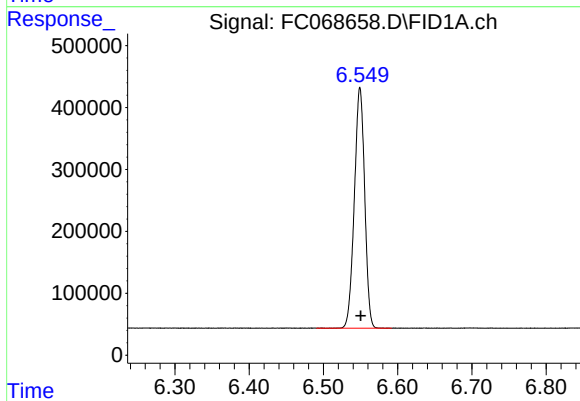
#2 n-Decane (C10)

R.T.: 4.526 min
Delta R.T.: 0.001 min
Response: 3772568
Conc: 35.81 ug/ml



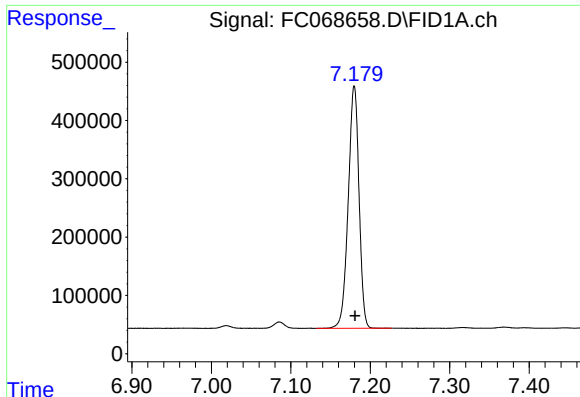
#3 A~Naphthalene (C11.7)

R.T.: 6.122 min
Delta R.T.: -0.002 min
Response: 4348835
Conc: 37.34 ug/ml



#4 n-Dodecane (C12)

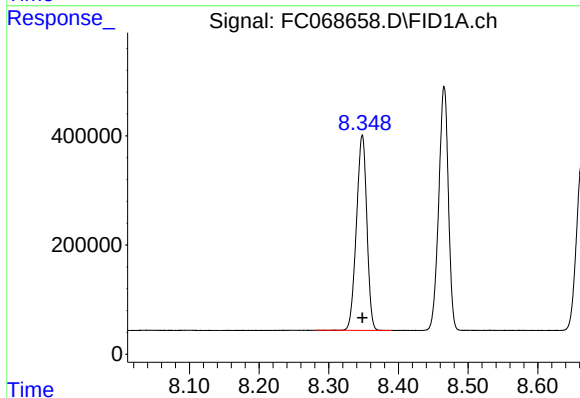
R.T.: 6.549 min
Delta R.T.: -0.001 min
Response: 3753876
Conc: 35.70 ug/ml



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

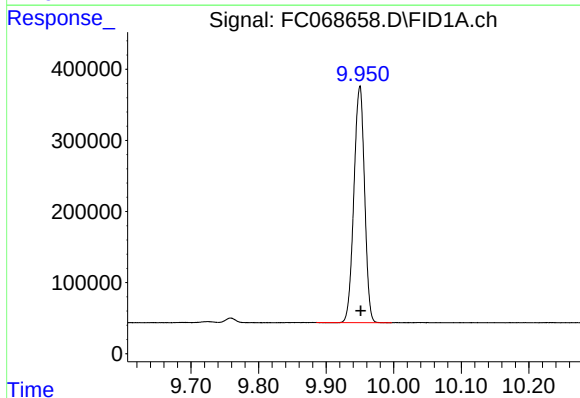
R.T.: 7.180 min
Delta R.T.: -0.001 min
Response: 3920022
Conc: 33.94 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167658BSD



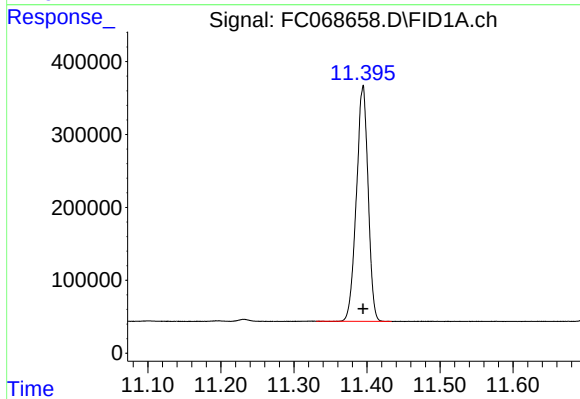
#6 n-Tetradecane (C14)

R.T.: 8.348 min
Delta R.T.: 0.000 min
Response: 3716754
Conc: 36.15 ug/ml



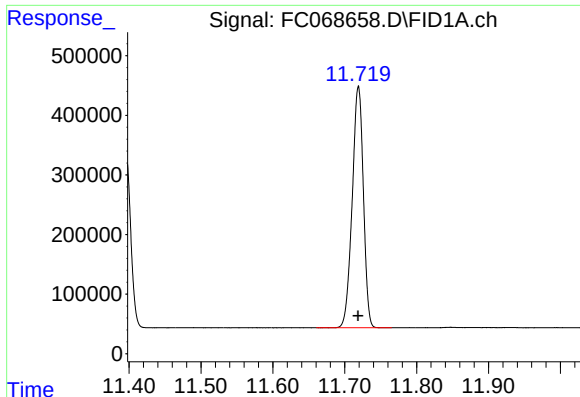
#7 n-Hexadecane (C16)

R.T.: 9.950 min
Delta R.T.: -0.001 min
Response: 3639473
Conc: 35.74 ug/ml



#8 n-Octadecane (C18)

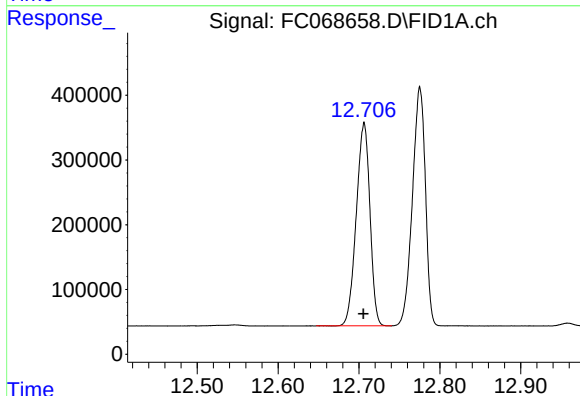
R.T.: 11.394 min
Delta R.T.: 0.000 min
Response: 3598488
Conc: 35.76 ug/ml



#9 ortho-Terphenyl (SURR)

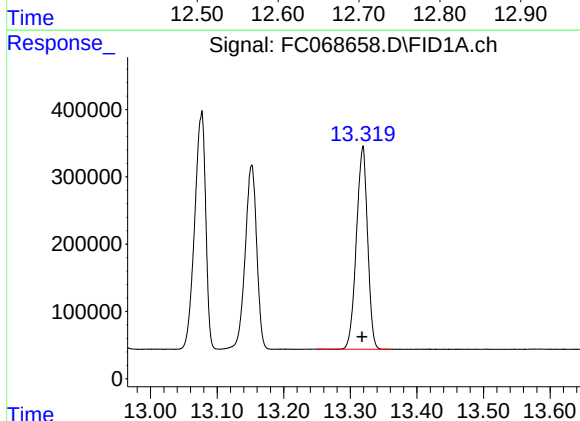
R.T.: 11.719 min
Delta R.T.: 0.000 min
Response: 4361547
Conc: 34.25 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167658BSD



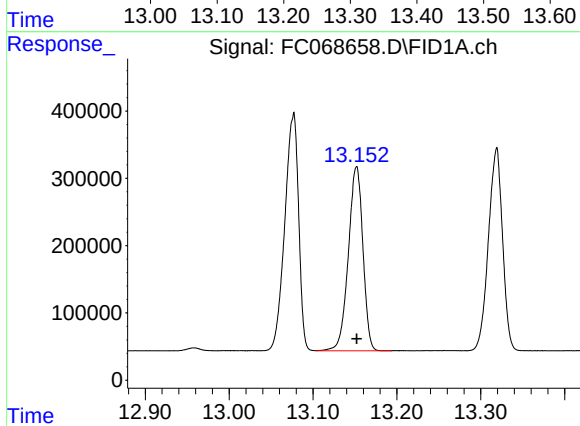
#10 n-Eicosane (C20)

R.T.: 12.706 min
Delta R.T.: 0.000 min
Response: 3677594
Conc: 37.39 ug/ml



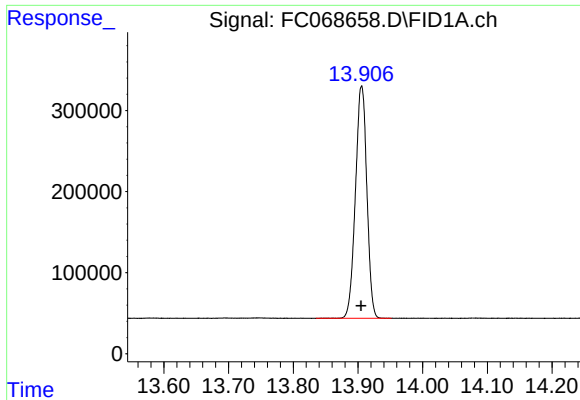
#11 n-Heneicosane (C21)

R.T.: 13.319 min
Delta R.T.: 0.000 min
Response: 3523655
Conc: 36.16 ug/ml



#12 1-chlorooctadecane (SURR)

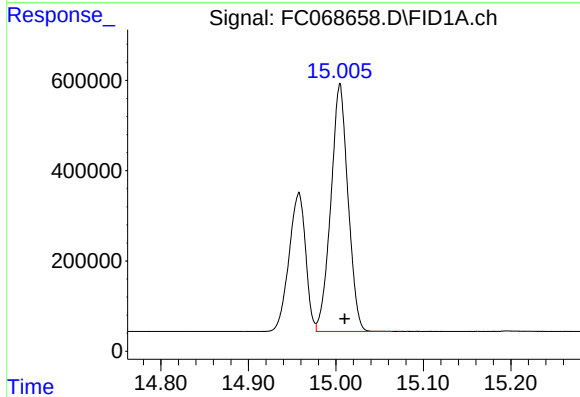
R.T.: 13.152 min
Delta R.T.: 0.000 min
Response: 3295149
Conc: 35.47 ug/ml



#13 n-Docosane (C22)

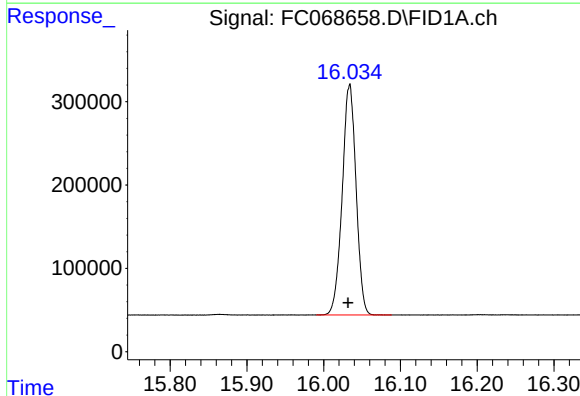
R.T.: 13.906 min
Delta R.T.: 0.000 min
Response: 3511309
Conc: 36.35 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167658BSD



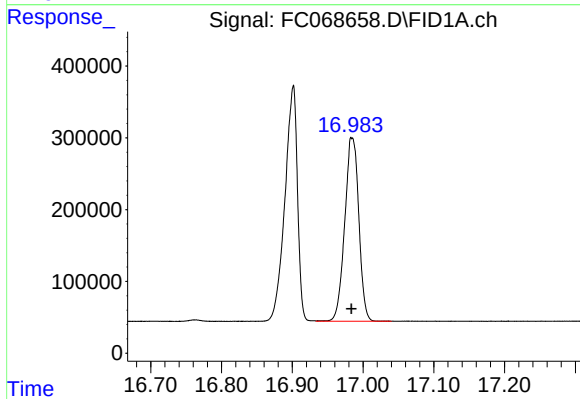
#14 n-Tetracosane (C24)

R.T.: 15.005 min
Delta R.T.: -0.005 min
Response: 7473497
Conc: 78.52 ug/ml



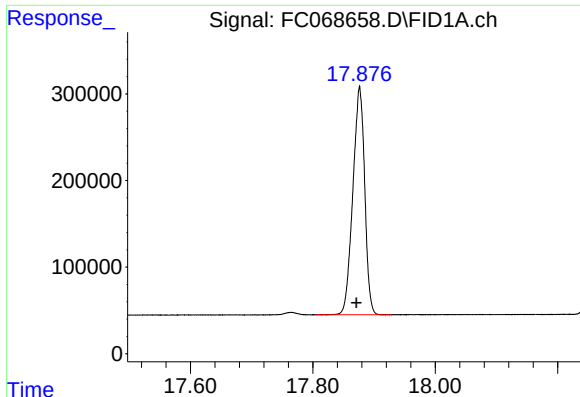
#15 n-Hexacosane (C26)

R.T.: 16.034 min
Delta R.T.: 0.002 min
Response: 3468709
Conc: 37.14 ug/ml



#16 n-Octacosane (C28)

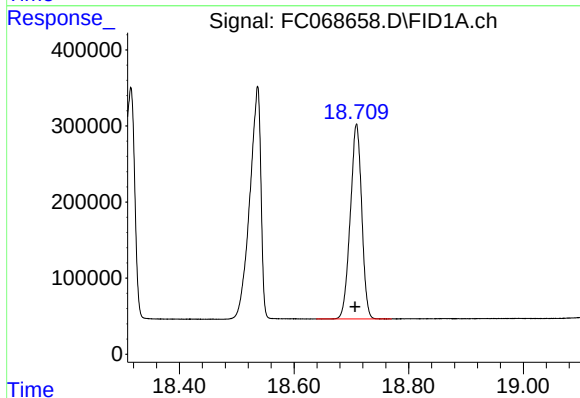
R.T.: 16.985 min
Delta R.T.: 0.001 min
Response: 3534668
Conc: 38.61 ug/ml



#17 n-Tricontane (C30)

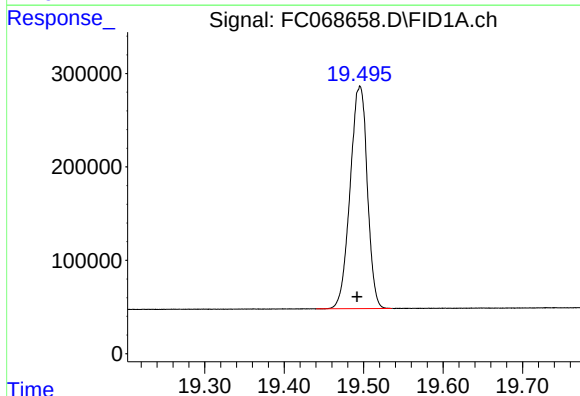
R.T.: 17.876 min
Delta R.T.: 0.005 min
Response: 3537682
Conc: 38.48 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167658BSD



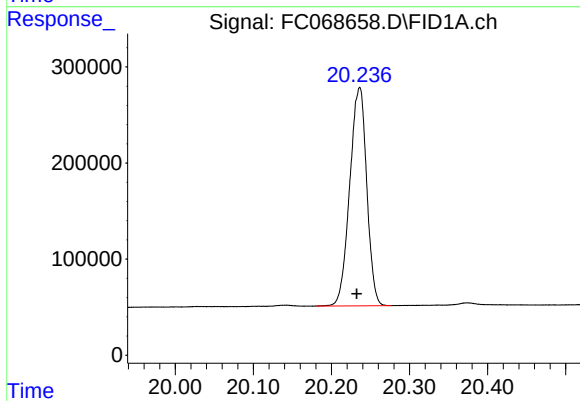
#18 n-Dotriacontane (C32)

R.T.: 18.709 min
Delta R.T.: 0.003 min
Response: 3536124
Conc: 38.55 ug/ml



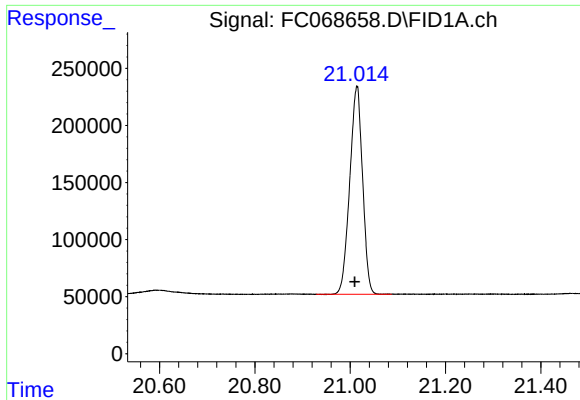
#19 n-Tetratriacontane (C34)

R.T.: 19.495 min
Delta R.T.: 0.003 min
Response: 3576771
Conc: 40.04 ug/ml



#20 n-Hexatriacontane (C36)

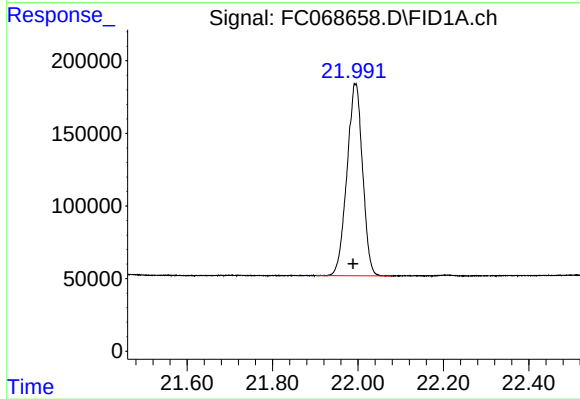
R.T.: 20.236 min
Delta R.T.: 0.003 min
Response: 3435208
Conc: 38.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.014 min
Delta R.T.: 0.004 min
Response: 3386866
Conc: 38.31 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167658BSD



#22 n-Tetracontane (C40)

R.T.: 21.994 min
Delta R.T.: 0.005 min
Response: 3352439
Conc: 37.96 ug/ml