

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072525AL\
 Data File : FC069533.D
 Signal(s) : FID1A.ch
 Acq On : 25 Jul 2025 14:12
 Operator : YP/AJ
 Sample : PB169002BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB169002BSD

Integration File: autoint1.e
 Quant Time: Jul 25 22:56:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:35:59 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)	11.675	5938084	40.013 ug/ml
Spiked Amount 50.000		Recovery =	80.03%
12) S 1-chlorooctadecane (S...	13.110	4687114	41.475 ug/ml
Spiked Amount 50.000		Recovery =	82.95%
Target Compounds			
1) T n-Nonane (C9)	3.413	5404978	39.719 ug/ml
2) T n-Decane (C10)	4.482	5846578	42.007 ug/ml
3) T A~Naphthalene (C11.7)	6.074	6631161	43.883 ug/ml
4) T n-Dodecane (C12)	6.503	6138251	43.308 ug/ml
5) T A~2-methylnaphthalene...	7.133	6093714	41.711 ug/ml
6) T n-Tetradecane (C14)	8.304	6050255	42.552 ug/ml
7) T n-Hexadecane (C16)	9.906	6009997	41.175 ug/ml
8) T n-Octadecane (C18)	11.352	5751410	39.983 ug/ml
10) T n-Eicosane (C20)	12.664	5664610	42.194 ug/ml
11) T n-Heneicosane (C21)	13.277	5321583	40.969 ug/ml
13) T n-Docosane (C22)	13.864	5164914	40.666 ug/ml
14) T n-Tetracosane (C24)	14.964	9986022	81.817 ug/ml
15) T n-Hexacosane (C26)	15.993	4739399	40.793 ug/ml
16) T n-Octacosane (C28)	16.943	4597716	41.528 ug/ml
17) T n-Tricontane (C30)	17.833	4579703	41.824 ug/ml
18) T n-Dotriacontane (C32)	18.666	4589807	44.231 ug/ml
19) T n-Tetratriacontane (C34)	19.451	4979808	52.848 ug/ml
20) T n-Hexatriacontane (C36)	20.193	5037472	60.987 ug/ml
21) T n-Octatriacontane (C38)	20.960	5287378	69.613 ug/ml
22) T n-Tetracontane (C40)	21.929	5302220	72.387 ug/ml

(f)=RT Delta > 1/2 Window

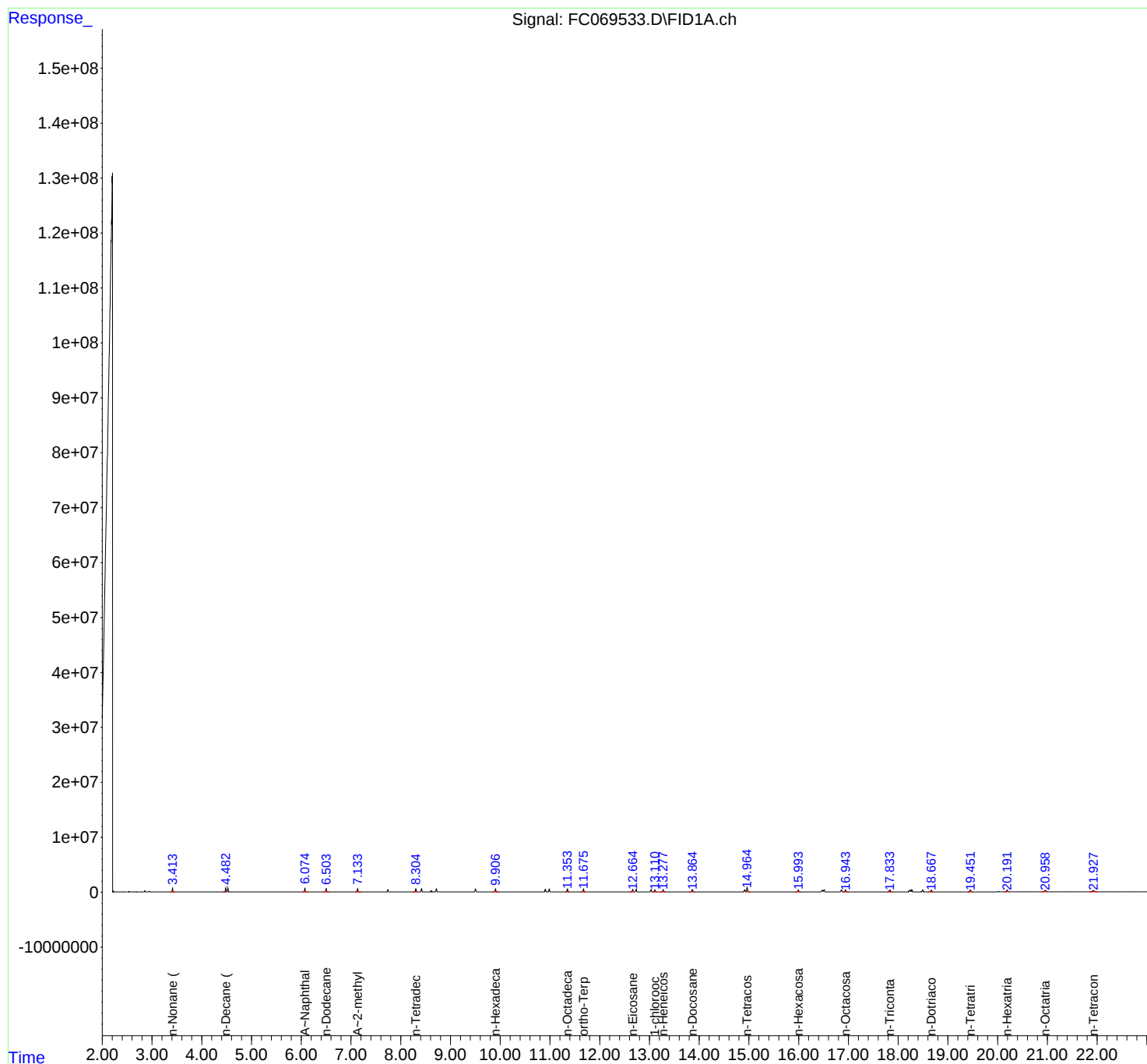
(m)=manual int.

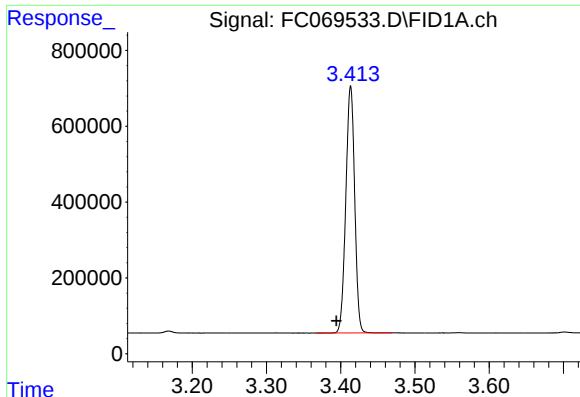
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072525AL\
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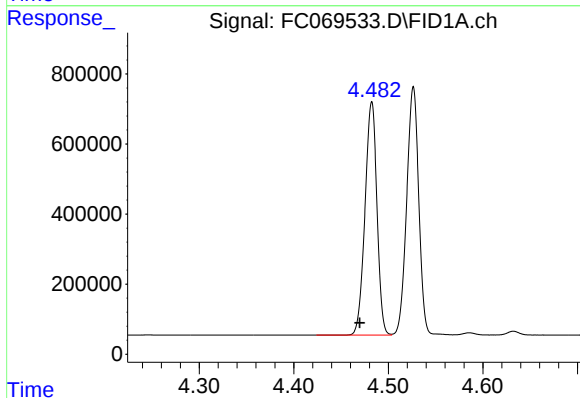




#1 n-Nonane (C9)

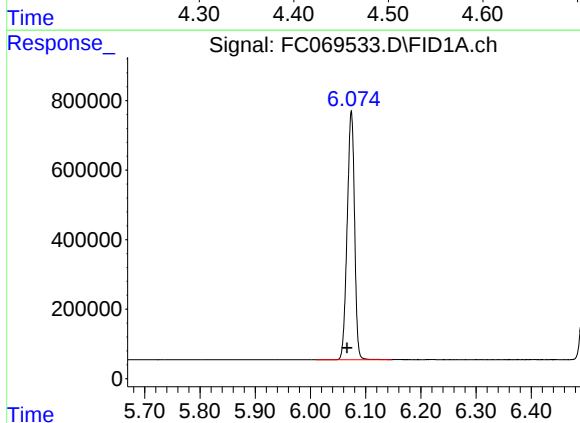
R.T.: 3.413 min
Delta R.T.: 0.019 min
Response: 5404978
Conc: 39.72 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169002BSD



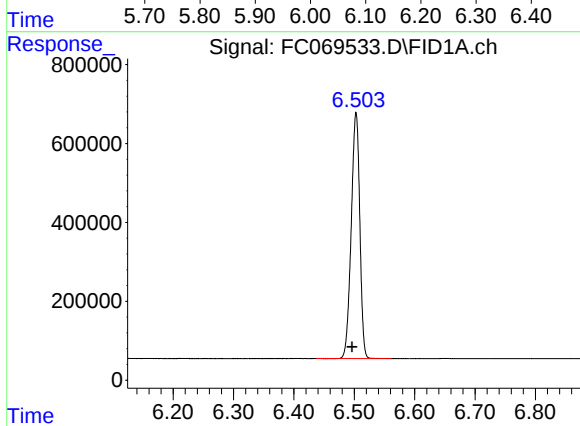
#2 n-Decane (C10)

R.T.: 4.482 min
Delta R.T.: 0.013 min
Response: 5846578
Conc: 42.01 ug/ml



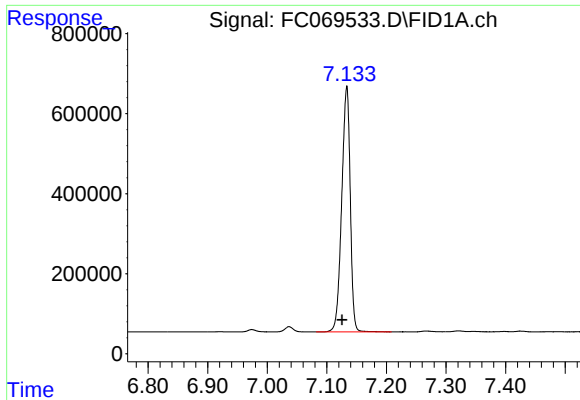
#3 A~Naphthalene (C11.7)

R.T.: 6.074 min
Delta R.T.: 0.008 min
Response: 6631161
Conc: 43.88 ug/ml



#4 n-Dodecane (C12)

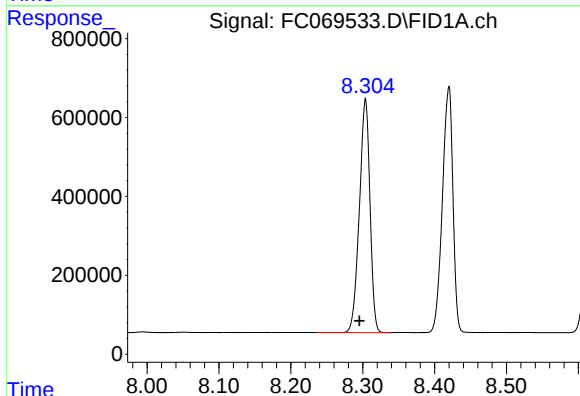
R.T.: 6.503 min
Delta R.T.: 0.007 min
Response: 6138251
Conc: 43.31 ug/ml



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

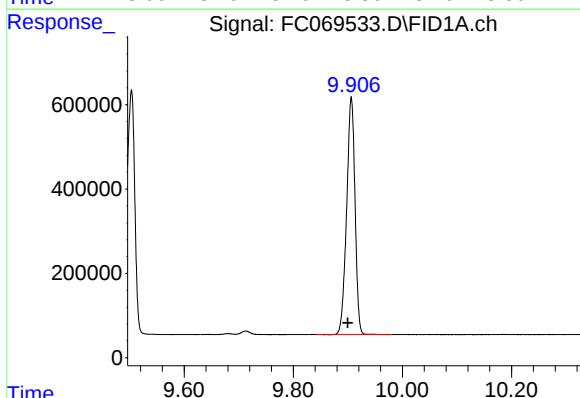
R.T.: 7.133 min
Delta R.T.: 0.008 min
Response: 6093714
Conc: 41.71 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169002BSD



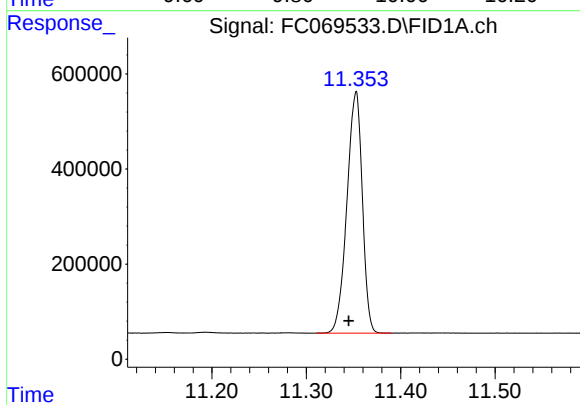
#6 n-Tetradecane (C14)

R.T.: 8.304 min
Delta R.T.: 0.008 min
Response: 6050255
Conc: 42.55 ug/ml



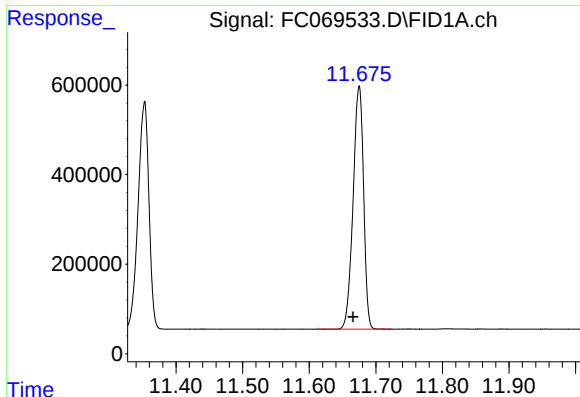
#7 n-Hexadecane (C16)

R.T.: 9.906 min
Delta R.T.: 0.007 min
Response: 6009997
Conc: 41.17 ug/ml



#8 n-Octadecane (C18)

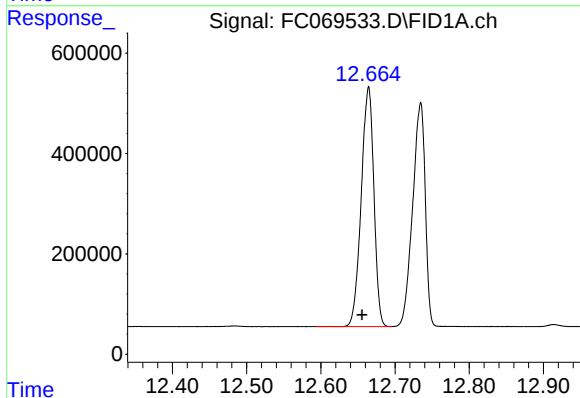
R.T.: 11.352 min
Delta R.T.: 0.008 min
Response: 5751410
Conc: 39.98 ug/ml



#9 ortho-Terphenyl (SURR)

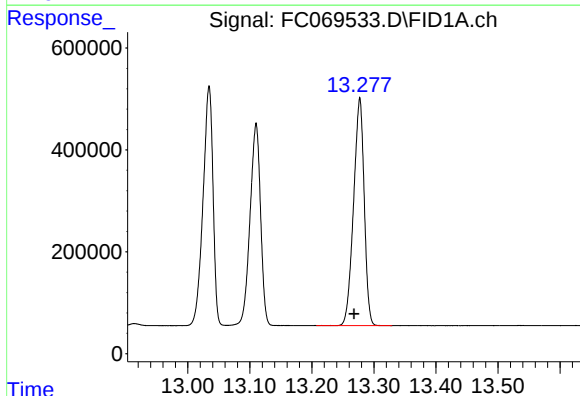
R.T.: 11.675 min
Delta R.T.: 0.009 min
Response: 5938084
Conc: 40.01 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169002BSD



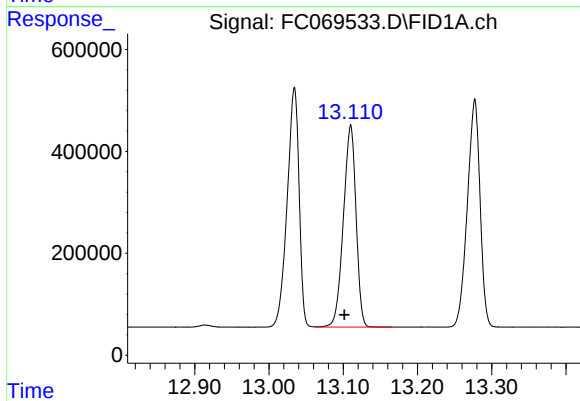
#10 n-Eicosane (C20)

R.T.: 12.664 min
Delta R.T.: 0.008 min
Response: 5664610
Conc: 42.19 ug/ml



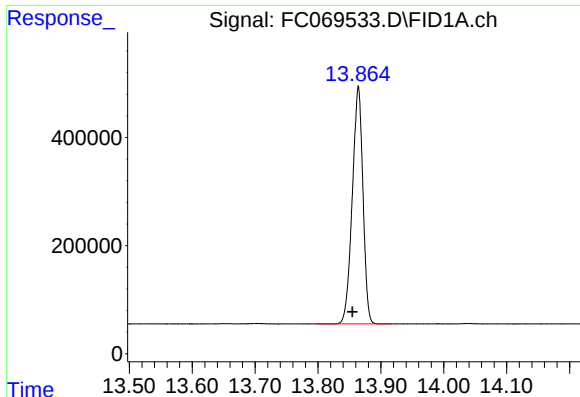
#11 n-Heneicosane (C21)

R.T.: 13.277 min
Delta R.T.: 0.009 min
Response: 5321583
Conc: 40.97 ug/ml



#12 1-chlorooctadecane (SURR)

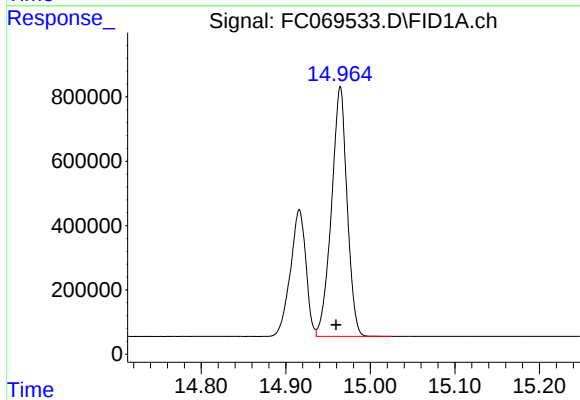
R.T.: 13.110 min
Delta R.T.: 0.008 min
Response: 4687114
Conc: 41.48 ug/ml



#13 n-Docosane (C22)

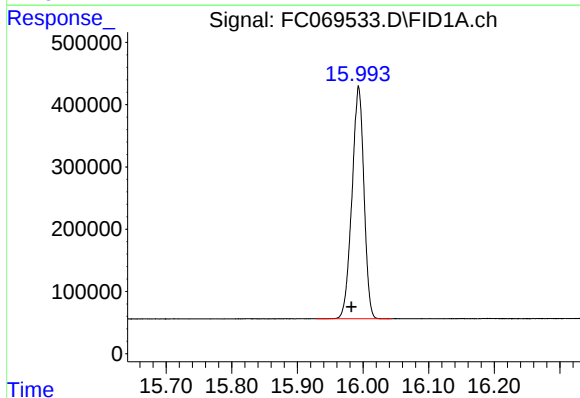
R.T.: 13.864 min
Delta R.T.: 0.009 min
Response: 5164914
Conc: 40.67 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169002BSD



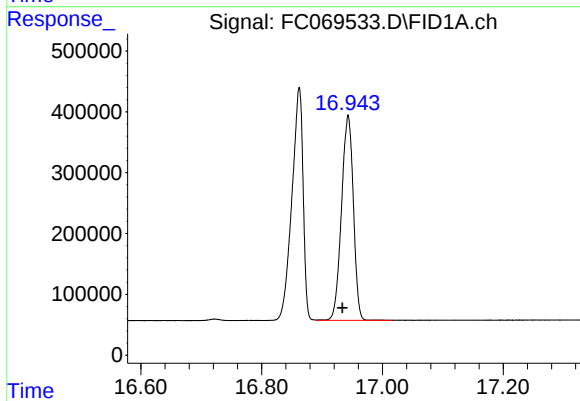
#14 n-Tetracosane (C24)

R.T.: 14.964 min
Delta R.T.: 0.005 min
Response: 9986022
Conc: 81.82 ug/ml



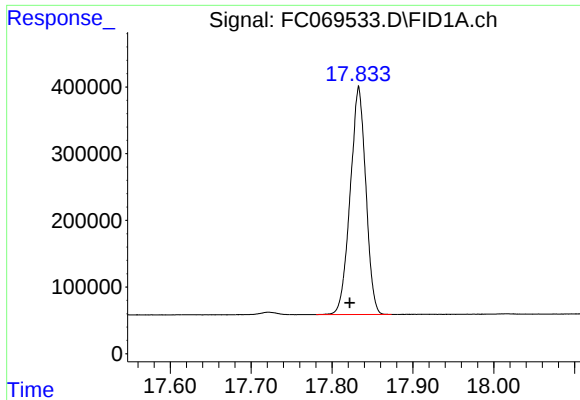
#15 n-Hexacosane (C26)

R.T.: 15.993 min
Delta R.T.: 0.011 min
Response: 4739399
Conc: 40.79 ug/ml



#16 n-Octacosane (C28)

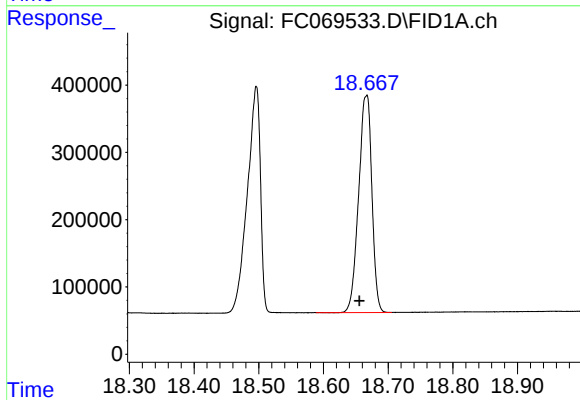
R.T.: 16.943 min
Delta R.T.: 0.009 min
Response: 4597716
Conc: 41.53 ug/ml



#17 n-Tricontane (C30)

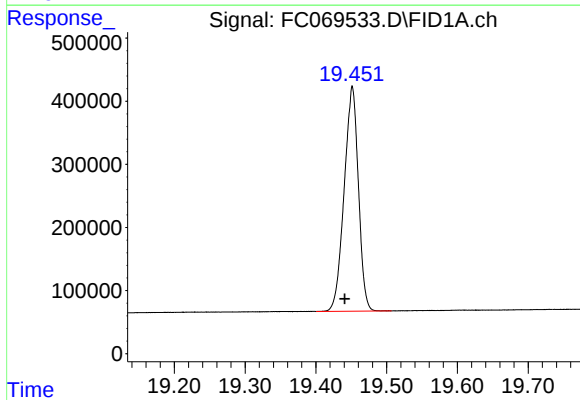
R.T.: 17.833 min
Delta R.T.: 0.011 min
Response: 4579703
Conc: 41.82 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169002BSD



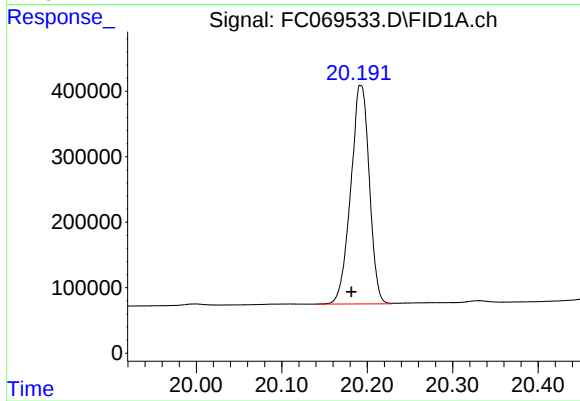
#18 n-Dotriacontane (C32)

R.T.: 18.666 min
Delta R.T.: 0.011 min
Response: 4589807
Conc: 44.23 ug/ml



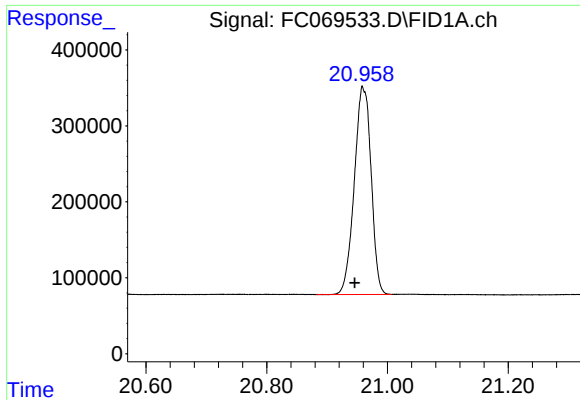
#19 n-Tetratriacontane (C34)

R.T.: 19.451 min
Delta R.T.: 0.011 min
Response: 4979808
Conc: 52.85 ug/ml



#20 n-Hexatriacontane (C36)

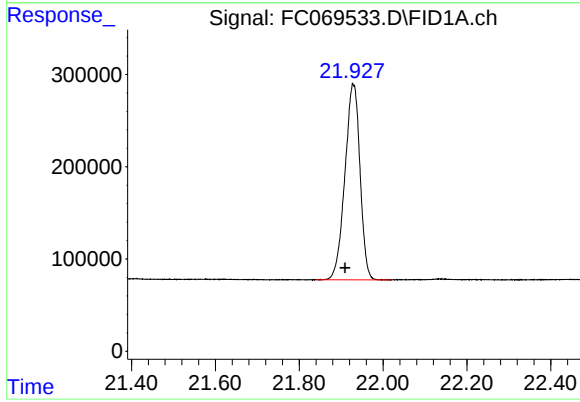
R.T.: 20.193 min
Delta R.T.: 0.011 min
Response: 5037472
Conc: 60.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.960 min
Delta R.T.: 0.014 min
Response: 5287378
Conc: 69.61 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169002BSD



#22 n-Tetracontane (C40)

R.T.: 21.929 min
Delta R.T.: 0.020 min
Response: 5302220
Conc: 72.39 ug/ml