

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092525AL\
 Data File : FC069847.D
 Signal(s) : FID1A.ch
 Acq On : 26 Sep 2025 02:47
 Operator : YP/AJ
 Sample : EPH CARTRIDGES #3
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 EPH CARTRIDGES #3

Integration File: autoint1.e
 Quant Time: Sep 26 07:24:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 23 14:56:40 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			
12) S 1-chlorooctadecane (S...	13.094	4202338	26.611 ug/ml
Spiked Amount 50.000		Recovery =	53.22%
Target Compounds			
1) T n-Nonane (C9)	3.401	2427290	18.935 ug/ml
2) T n-Decane (C10)	4.472	3168258	23.843 ug/ml
4) T n-Dodecane (C12)	6.494	4063406	29.129 ug/ml
6) T n-Tetradecane (C14)	8.291	4632697	31.235 ug/ml
7) T n-Hexadecane (C16)	9.895	5432858	32.921 ug/ml
8) T n-Octadecane (C18)	11.338	6007354	33.707 ug/ml
10) T n-Eicosane (C20)	12.650	6548432	36.358 ug/ml
11) T n-Heneicosane (C21)	13.263	6335378	35.135 ug/ml
13) T n-Docosane (C22)	13.850	6469313	35.609 ug/ml
14) T n-Tetracosane (C24)	14.954	6576712	35.742 ug/ml
15) T n-Hexacosane (C26)	15.976	6492759	35.761 ug/ml
16) T n-Octacosane (C28)	16.926	6298141	35.678 ug/ml
17) T n-Tricontane (C30)	17.815	6189850	35.364 ug/ml
18) T n-Dotriacontane (C32)	18.648	5762921	35.621 ug/ml
19) T n-Tetratriacontane (C34)	19.431	5341174	38.219 ug/ml
20) T n-Hexatriacontane (C36)	20.173	4570657	40.484 ug/ml
21) T n-Octatriacontane (C38)	20.931	3937570	40.818 ug/ml
22) T n-Tetracontane (C40)	21.893	3319219	38.538 ug/ml

(f)=RT Delta > 1/2 Window

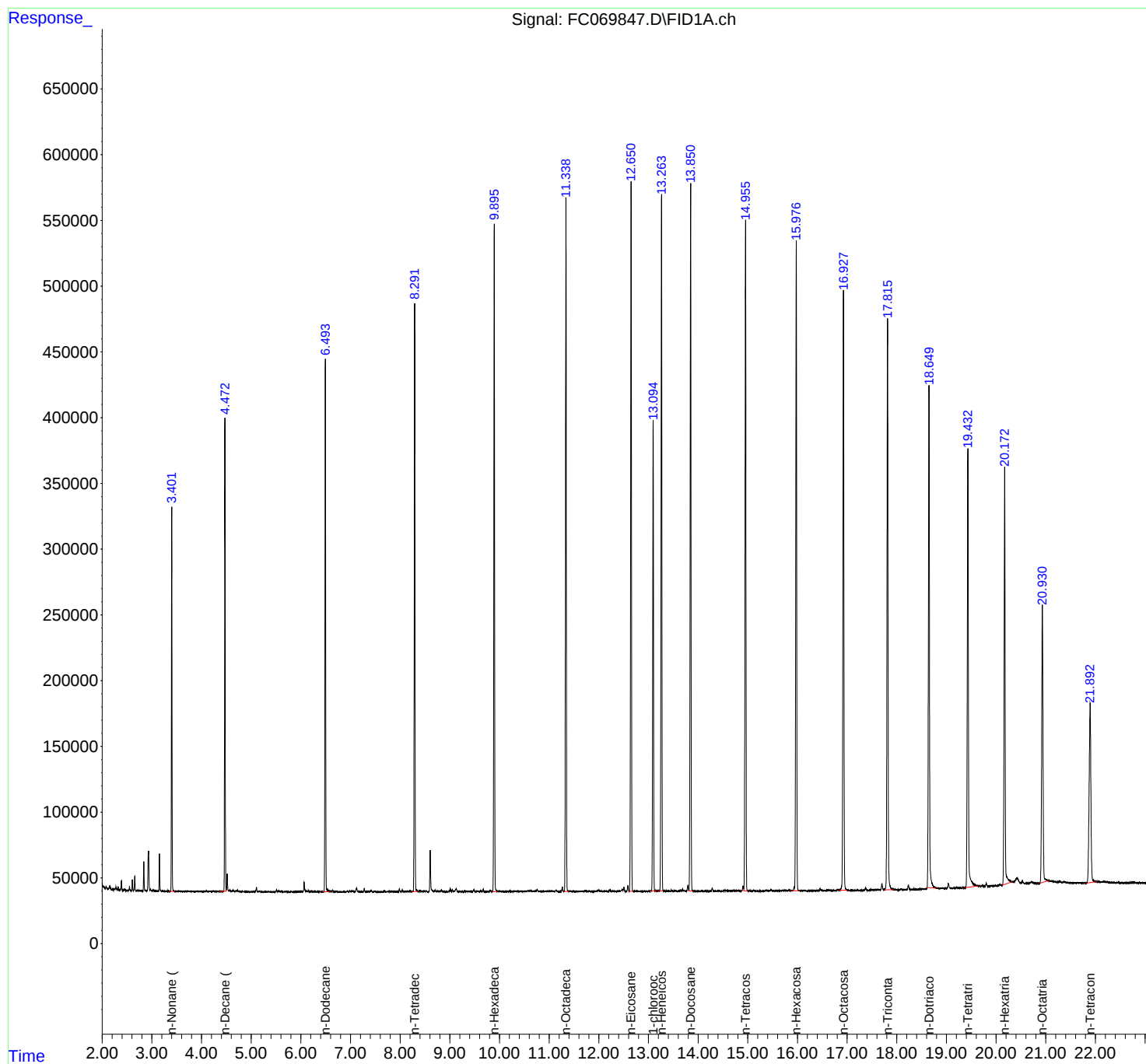
(m)=manual int.

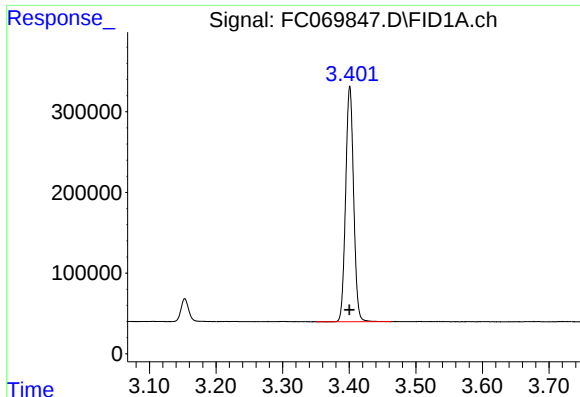
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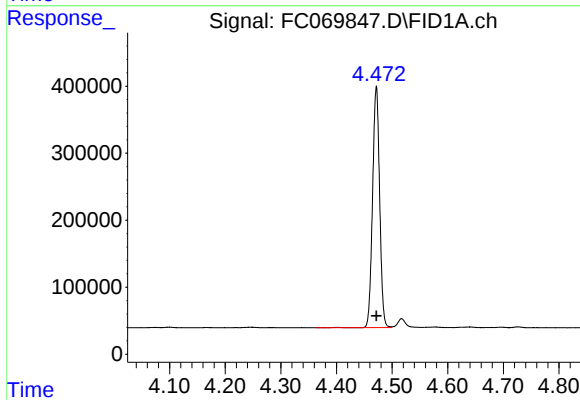




#1 n-Nonane (C9)

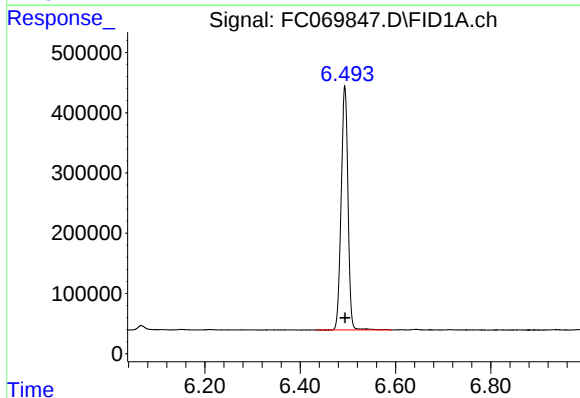
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 2427290
Conc: 18.93 ug/ml

Instrument :
FID_C
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EPH CARTRIDGES #3



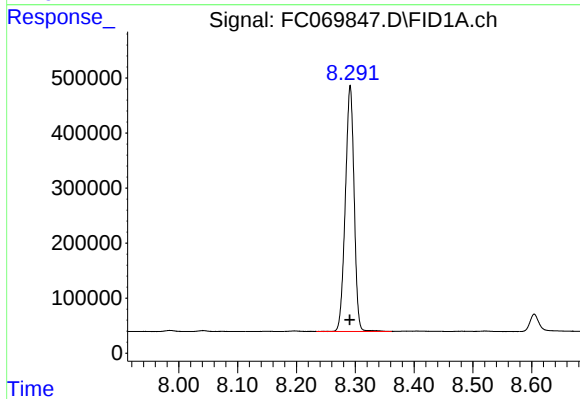
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: 0.000 min
Response: 3168258
Conc: 23.84 ug/ml



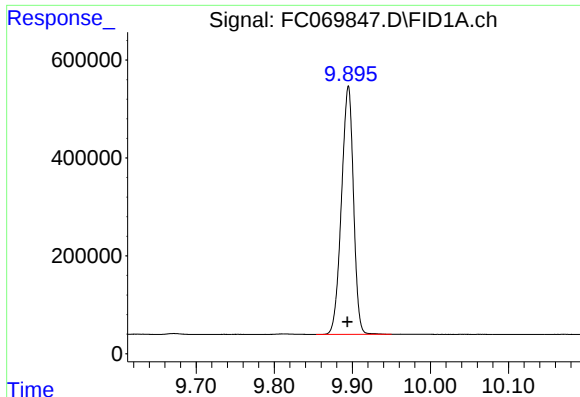
#4 n-Dodecane (C12)

R.T.: 6.494 min
Delta R.T.: 0.000 min
Response: 4063406
Conc: 29.13 ug/ml



#6 n-Tetradecane (C14)

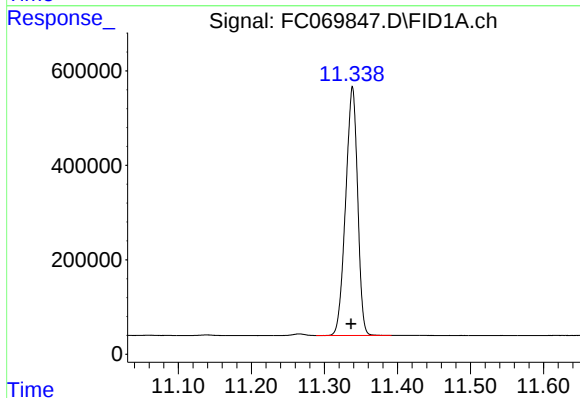
R.T.: 8.291 min
Delta R.T.: 0.000 min
Response: 4632697
Conc: 31.23 ug/ml



#7 n-Hexadecane (C16)

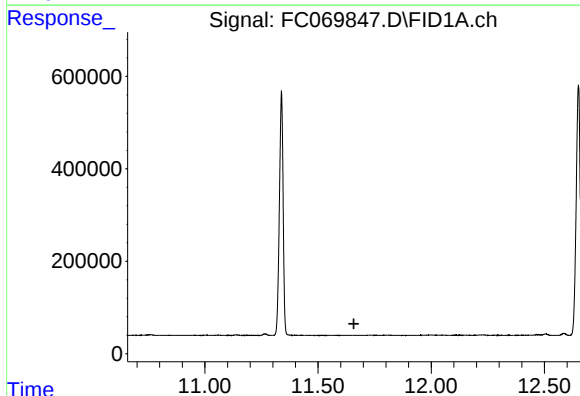
R.T.: 9.895 min
Delta R.T.: 0.000 min
Response: 5432858
Conc: 32.92 ug/ml

Instrument :
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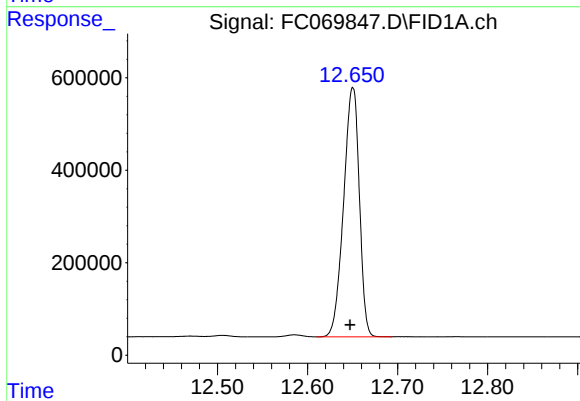
#8 n-Octadecane (C18)

R.T.: 11.338 min
Delta R.T.: 0.002 min
Response: 6007354
Conc: 33.71 ug/ml



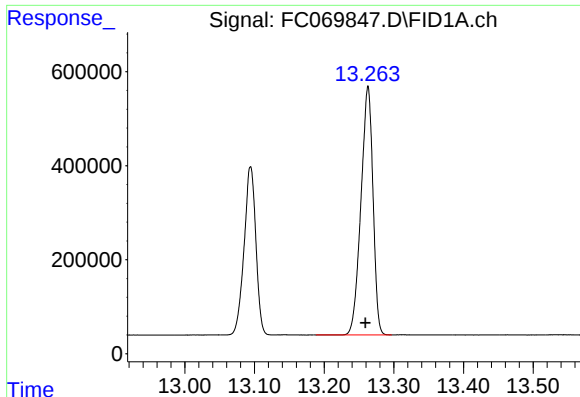
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.658 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

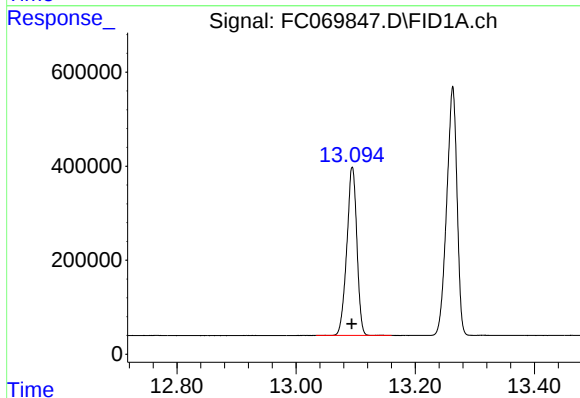
R.T.: 12.650 min
Delta R.T.: 0.003 min
Response: 6548432
Conc: 36.36 ug/ml



#11 n-Heneicosane (C21)

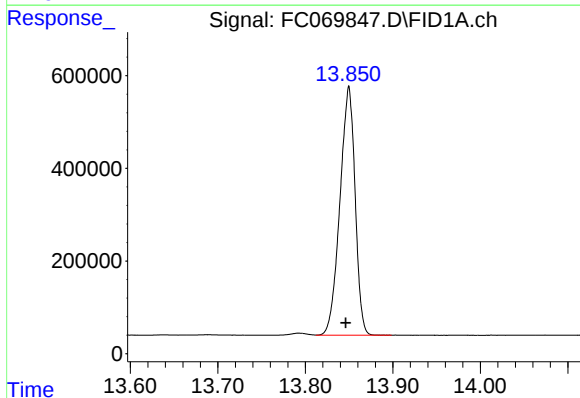
R.T.: 13.263 min
Delta R.T.: 0.003 min
Response: 6335378
Conc: 35.14 ug/ml

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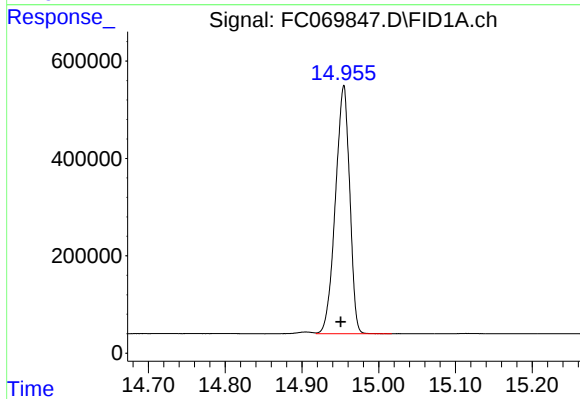
#12 1-chlorooctadecane (SURR)

R.T.: 13.094 min
Delta R.T.: 0.000 min
Response: 4202338
Conc: 26.61 ug/ml



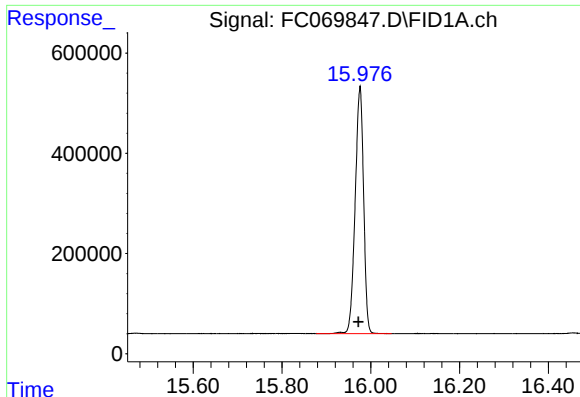
#13 n-Docosane (C22)

R.T.: 13.850 min
Delta R.T.: 0.003 min
Response: 6469313
Conc: 35.61 ug/ml



#14 n-Tetracosane (C24)

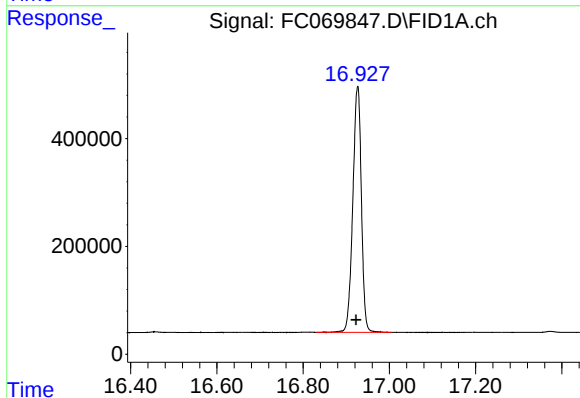
R.T.: 14.954 min
Delta R.T.: 0.004 min
Response: 6576712
Conc: 35.74 ug/ml



#15 n-Hexacosane (C26)

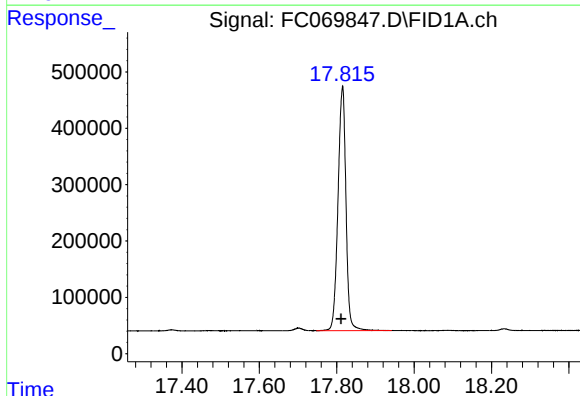
R.T.: 15.976 min
Delta R.T.: 0.003 min
Response: 6492759
Conc: 35.76 ug/ml

Instrument :
FID_C
ClientSampleId :
EPH CARTRIDGES #3



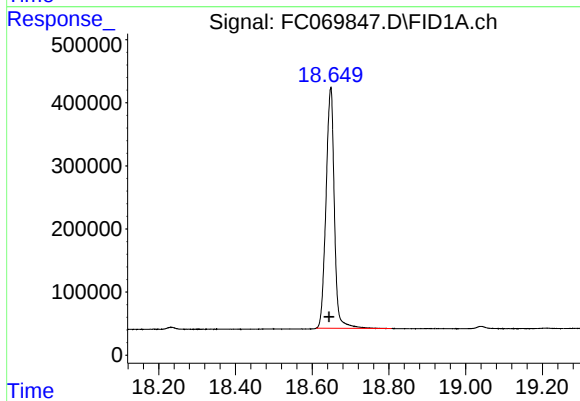
#16 n-Octacosane (C28)

R.T.: 16.926 min
Delta R.T.: 0.004 min
Response: 6298141
Conc: 35.68 ug/ml



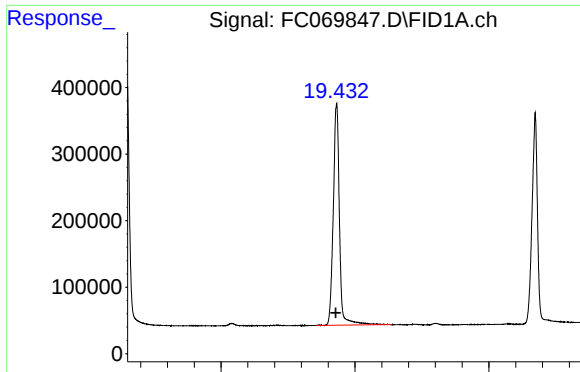
#17 n-Tricontane (C30)

R.T.: 17.815 min
Delta R.T.: 0.004 min
Response: 6189850
Conc: 35.36 ug/ml



#18 n-Dotriacontane (C32)

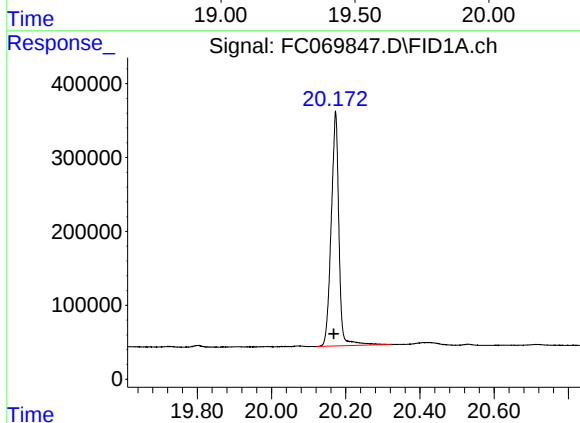
R.T.: 18.648 min
Delta R.T.: 0.004 min
Response: 5762921
Conc: 35.62 ug/ml



#19 n-Tetratriacontane (C34)

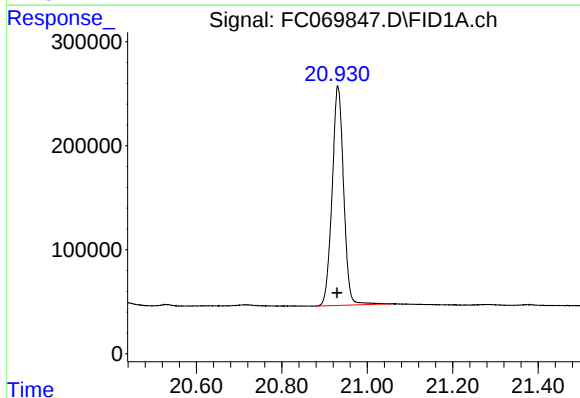
R.T.: 19.431 min
Delta R.T.: 0.003 min
Response: 5341174
Conc: 38.22 ug/ml

Instrument :
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EPH CARTRIDGES #3



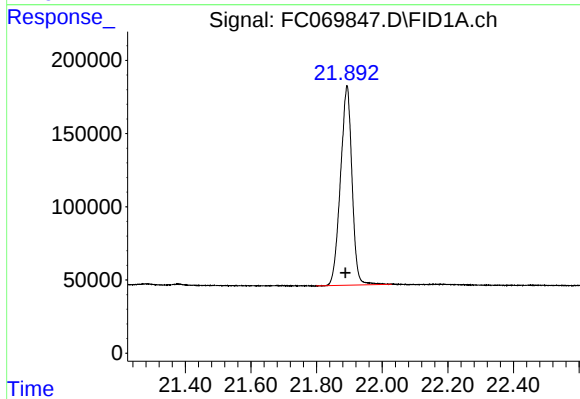
#20 n-Hexatriacontane (C36)

R.T.: 20.173 min
Delta R.T.: 0.004 min
Response: 4570657
Conc: 40.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.931 min
Delta R.T.: 0.002 min
Response: 3937570
Conc: 40.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.893 min
Delta R.T.: 0.005 min
Response: 3319219
Conc: 38.54 ug/ml