

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092525AL\
 Data File : FC069848.D
 Signal(s) : FID1A.ch
 Acq On : 26 Sep 2025 03:30
 Operator : YP/AJ
 Sample : EPH CARTRIDGES #4
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 EPH CARTRIDGES #4

Integration File: autoint1.e
 Quant Time: Sep 26 07:24:28 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	4062401	25.725 ug/ml
Spiked Amount 50.000		Recovery =	51.45%
Target Compounds			
1) T n-Nonane (C9)	3.401	2333720	18.205 ug/ml
2) T n-Decane (C10)	4.472	3053149	22.977 ug/ml
4) T n-Dodecane (C12)	6.494	3903592	27.983 ug/ml
6) T n-Tetradecane (C14)	8.291	4487970	30.259 ug/ml
7) T n-Hexadecane (C16)	9.895	5255914	31.849 ug/ml
8) T n-Octadecane (C18)	11.339	5802196	32.556 ug/ml
10) T n-Eicosane (C20)	12.650	6333471	35.164 ug/ml
11) T n-Heneicosane (C21)	13.262	6136966	34.035 ug/ml
13) T n-Docosane (C22)	13.849	6290659	34.626 ug/ml
14) T n-Tetracosane (C24)	14.953	6432384	34.958 ug/ml
15) T n-Hexacosane (C26)	15.975	6402185	35.262 ug/ml
16) T n-Octacosane (C28)	16.926	6245652	35.380 ug/ml
17) T n-Tricontane (C30)	17.815	6146876	35.119 ug/ml
18) T n-Dotriacontane (C32)	18.647	5699019	35.226 ug/ml
19) T n-Tetratriacontane (C34)	19.431	5310798	38.001 ug/ml
20) T n-Hexatriacontane (C36)	20.170	4529724	40.122 ug/ml
21) T n-Octatriacontane (C38)	20.933	3869930	40.117 ug/ml
22) T n-Tetracontane (C40)	21.889	3225587	37.451 ug/ml

(f)=RT Delta > 1/2 Window

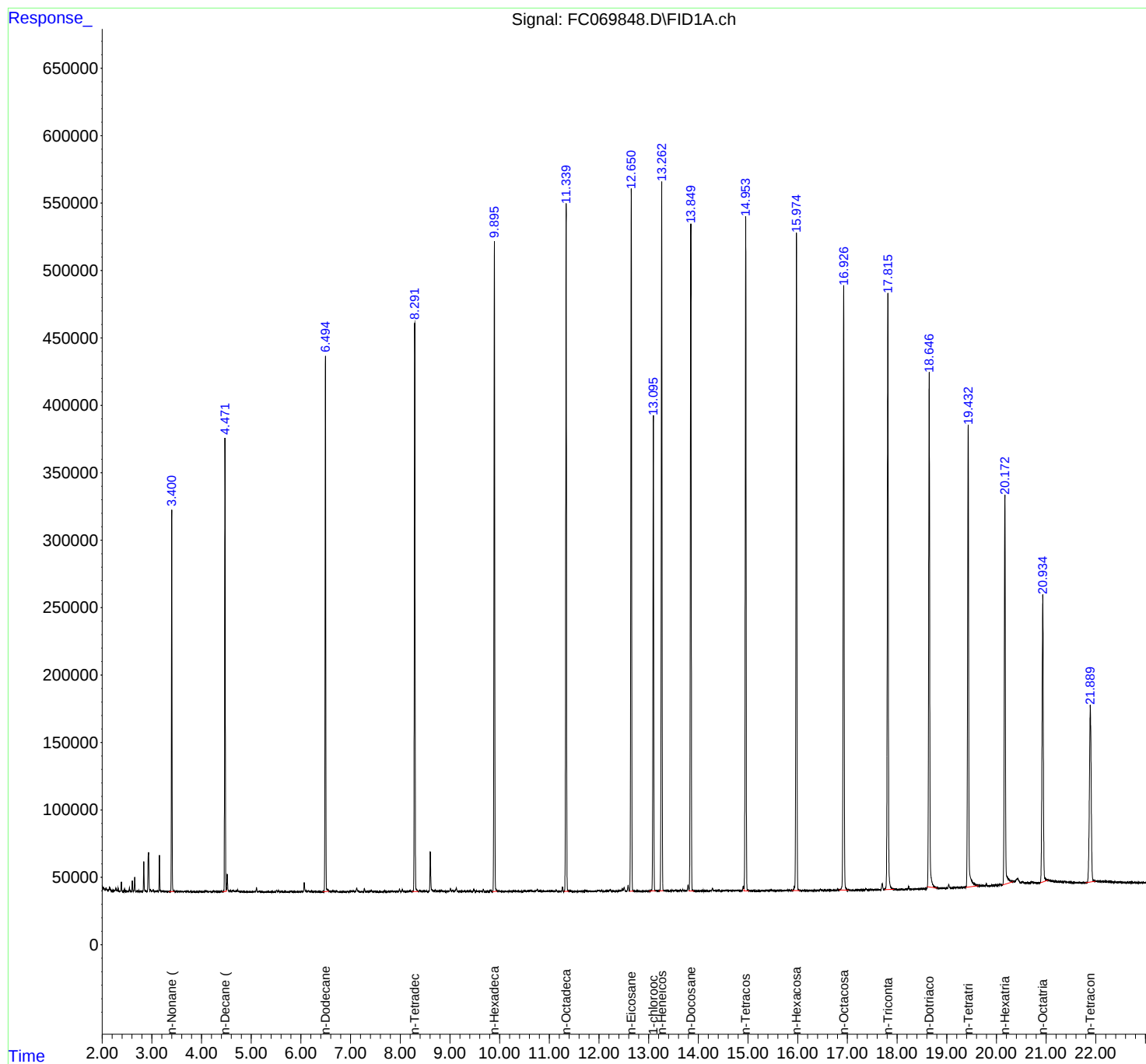
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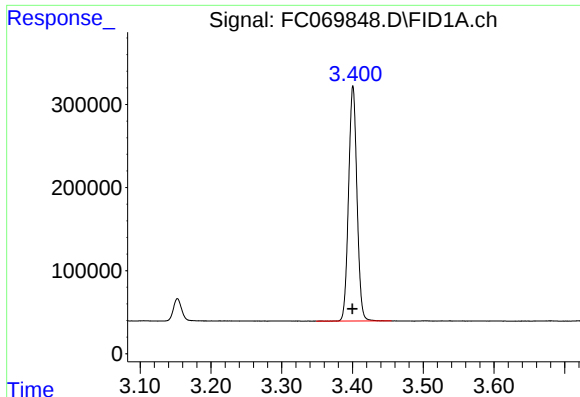
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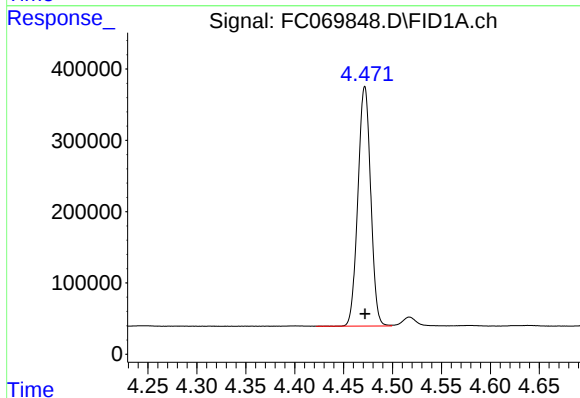




#1 n-Nonane (C9)

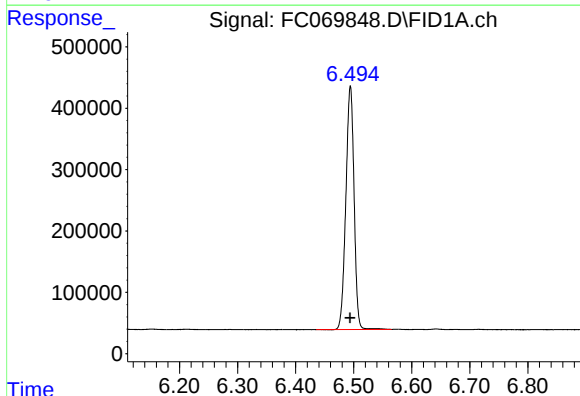
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 2333720
Conc: 18.20 ug/ml

Instrument :
FID_C
ClientSampleId :
EPH CARTRIDGES #4



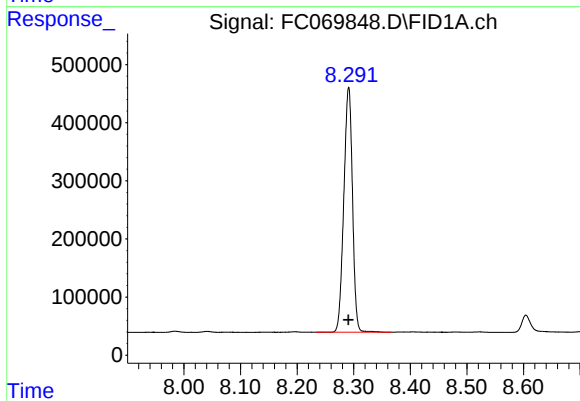
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: 0.000 min
Response: 3053149
Conc: 22.98 ug/ml



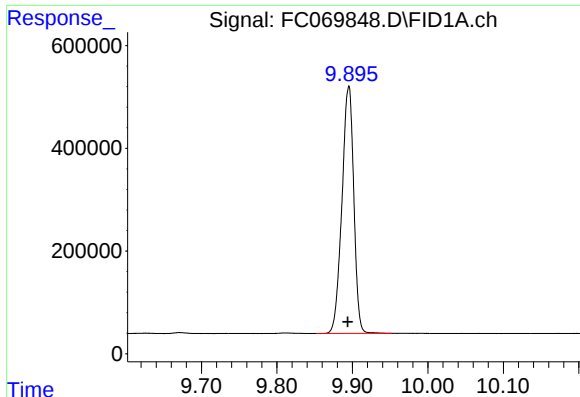
#4 n-Dodecane (C12)

R.T.: 6.494 min
Delta R.T.: 0.000 min
Response: 3903592
Conc: 27.98 ug/ml



#6 n-Tetradecane (C14)

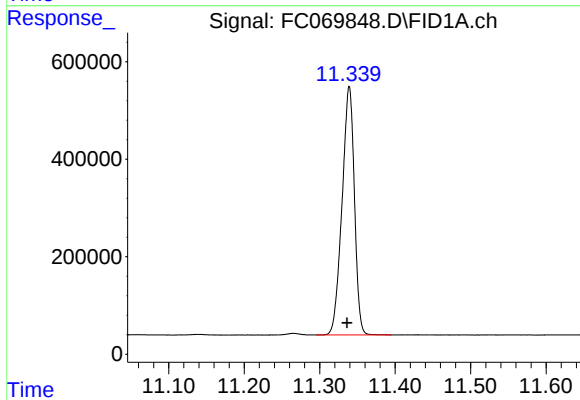
R.T.: 8.291 min
Delta R.T.: 0.000 min
Response: 4487970
Conc: 30.26 ug/ml



#7 n-Hexadecane (C16)

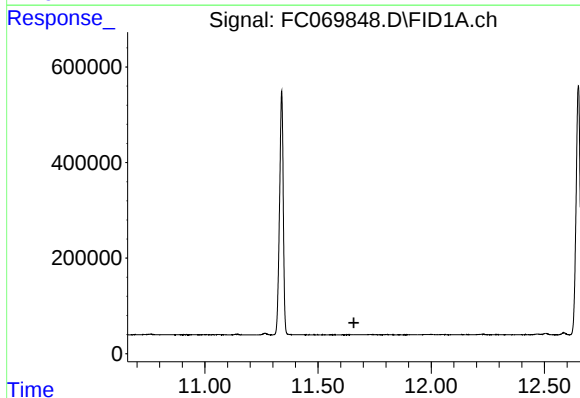
R.T.: 9.895 min
Delta R.T.: 0.001 min
Response: 5255914
Conc: 31.85 ug/ml

Instrument :
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EPH CARTRIDGES #4



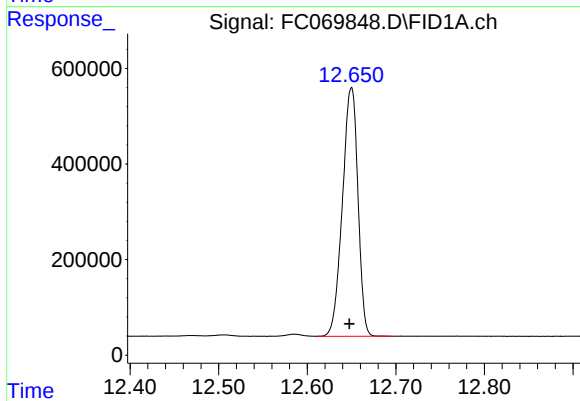
#8 n-Octadecane (C18)

R.T.: 11.339 min
Delta R.T.: 0.003 min
Response: 5802196
Conc: 32.56 ug/ml



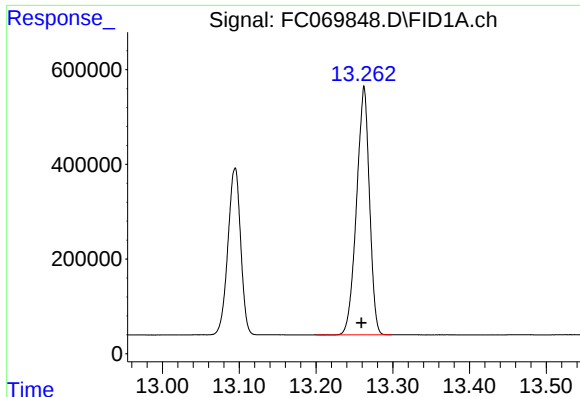
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

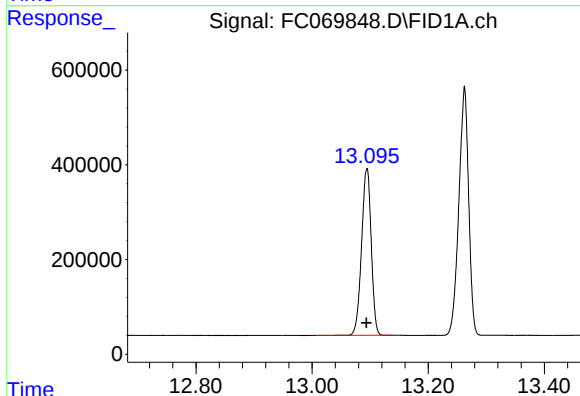
R.T.: 12.650 min
Delta R.T.: 0.002 min
Response: 6333471
Conc: 35.16 ug/ml



#11 n-Heneicosane (C21)

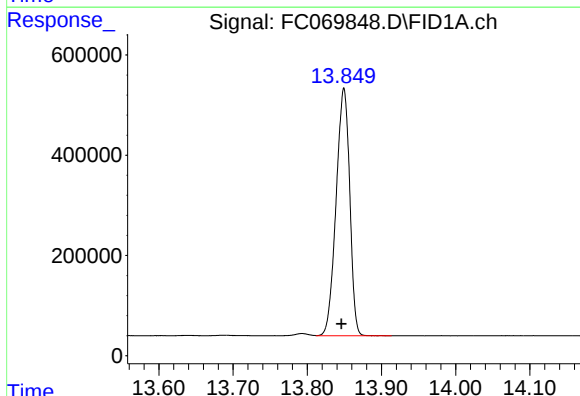
R.T.: 13.262 min
Delta R.T.: 0.003 min
Response: 6136966
Conc: 34.03 ug/ml

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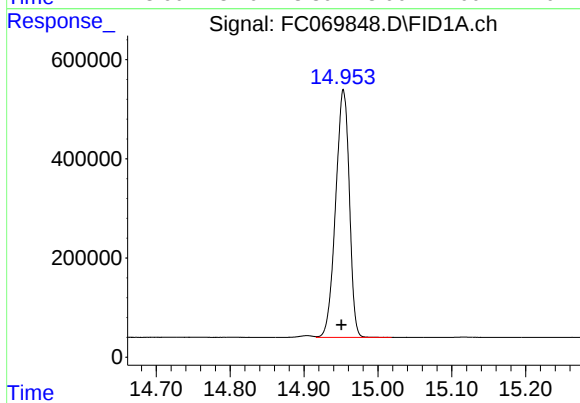
#12 1-chlorooctadecane (SURR)

R.T.: 13.094 min
Delta R.T.: 0.000 min
Response: 4062401
Conc: 25.72 ug/ml



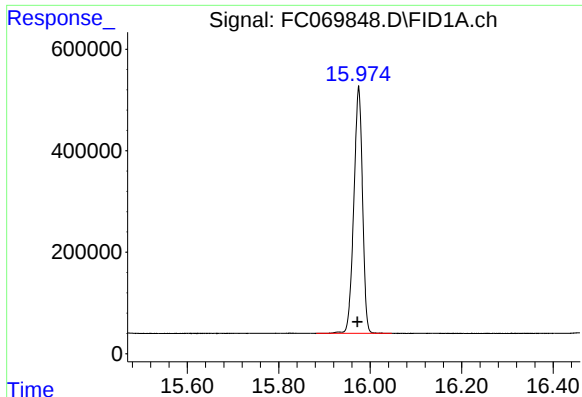
#13 n-Docosane (C22)

R.T.: 13.849 min
Delta R.T.: 0.003 min
Response: 6290659
Conc: 34.63 ug/ml



#14 n-Tetracosane (C24)

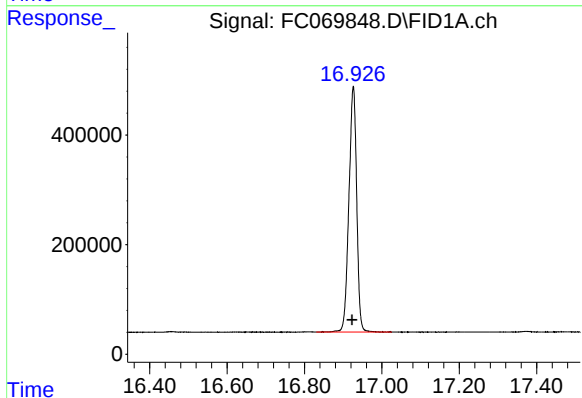
R.T.: 14.953 min
Delta R.T.: 0.003 min
Response: 6432384
Conc: 34.96 ug/ml



#15 n-Hexacosane (C26)

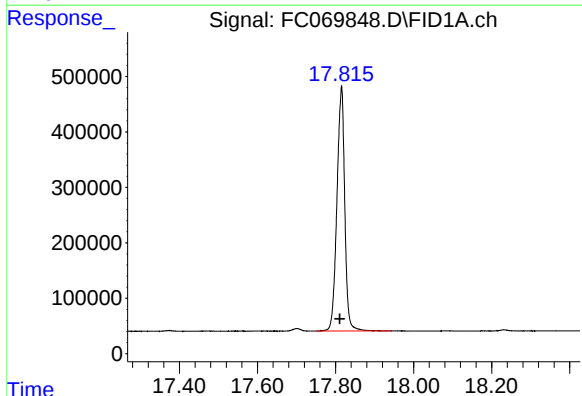
R.T.: 15.975 min
Delta R.T.: 0.002 min
Response: 6402185
Conc: 35.26 ug/ml

Instrument :
FID_C
ClientSampleId :
EPH CARTRIDGES #4



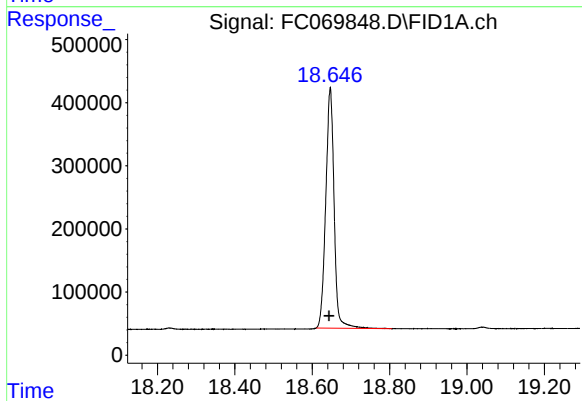
#16 n-Octacosane (C28)

R.T.: 16.926 min
Delta R.T.: 0.003 min
Response: 6245652
Conc: 35.38 ug/ml



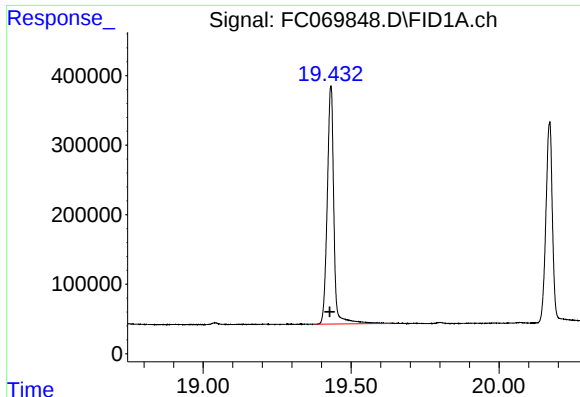
#17 n-Tricontane (C30)

R.T.: 17.815 min
Delta R.T.: 0.004 min
Response: 6146876
Conc: 35.12 ug/ml



#18 n-Dotriacontane (C32)

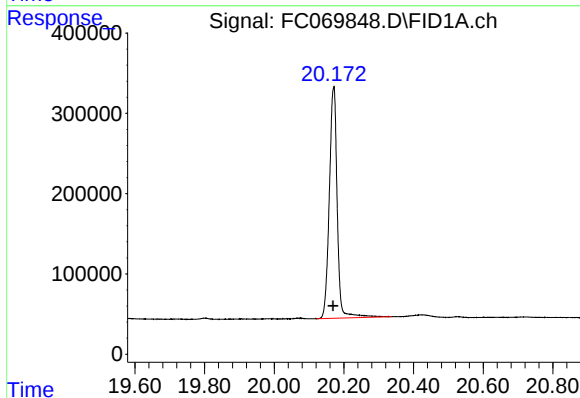
R.T.: 18.647 min
Delta R.T.: 0.003 min
Response: 5699019
Conc: 35.23 ug/ml



#19 n-Tetratriacontane (C34)

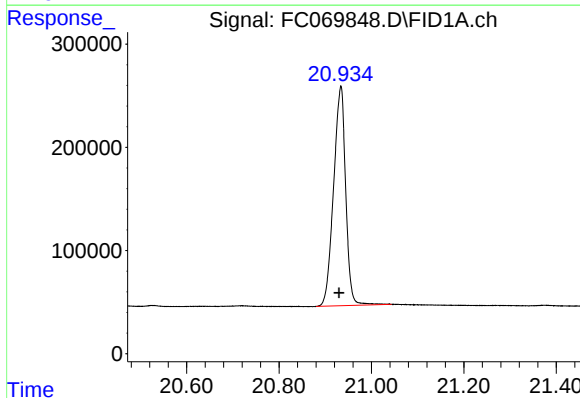
R.T.: 19.431 min
Delta R.T.: 0.003 min
Response: 5310798
Conc: 38.00 ug/ml

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EPH CARTRIDGES #4



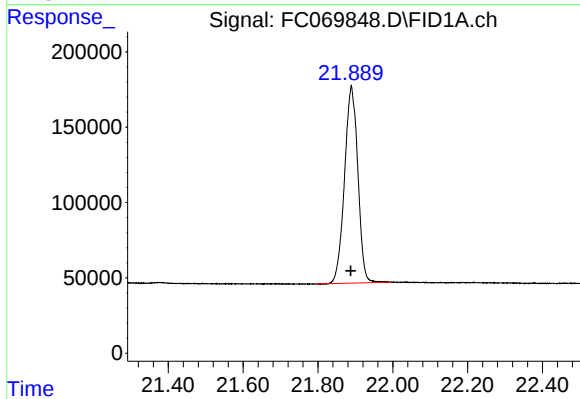
#20 n-Hexatriacontane (C36)

R.T.: 20.170 min
Delta R.T.: 0.002 min
Response: 4529724
Conc: 40.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.933 min
Delta R.T.: 0.004 min
Response: 3869930
Conc: 40.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.889 min
Delta R.T.: 0.001 min
Response: 3225587
Conc: 37.45 ug/ml