

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092325AL\
 Data File : FC069832.D
 Signal(s) : FID1A.ch
 Acq On : 23 Sep 2025 15:53
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 24 08:11:19 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			
9) S ortho-Terphenyl (SURR)	11.661	3712305	19.820 ug/ml
Spiked Amount 50.000		Recovery =	39.64%
12) S 1-chlorooctadecane (S...	13.095	3179902	20.136 ug/ml
Spiked Amount 50.000		Recovery =	40.27%
Target Compounds			
1) T n-Nonane (C9)	3.399	2470016	19.268 ug/ml
2) T n-Decane (C10)	4.472	2580534	19.420 ug/ml
3) T A~Naphthalene (C11.7)	6.066	2872261	19.349 ug/ml
4) T n-Dodecane (C12)	6.495	2731563	19.581 ug/ml
5) T A~2-methylnaphthalene...	7.124	2861026	19.378 ug/ml
6) T n-Tetradecane (C14)	8.292	2925893	19.727 ug/ml
7) T n-Hexadecane (C16)	9.895	3284337	19.902 ug/ml
8) T n-Octadecane (C18)	11.338	3588106	20.133 ug/ml
10) T n-Eicosane (C20)	12.649	3637277	20.195 ug/ml
11) T n-Heneicosane (C21)	13.262	3644090	20.210 ug/ml
13) T n-Docosane (C22)	13.849	3671723	20.210 ug/ml
14) T n-Tetracosane (C24)	14.952	3710141	20.163 ug/ml
15) T n-Hexacosane (C26)	15.975	3653517	20.123 ug/ml
16) T n-Octacosane (C28)	16.927	3559776	20.165 ug/ml
17) T n-Tricontane (C30)	17.815	3562197	20.352 ug/ml
18) T n-Dotriacontane (C32)	18.648	3338276	20.634 ug/ml
19) T n-Tetratriacontane (C34)	19.431	2873492	20.561 ug/ml
20) T n-Hexatriacontane (C36)	20.171	2302315	20.393 ug/ml
21) T n-Octatriacontane (C38)	20.933	1897802	19.673 ug/ml
22) T n-Tetracontane (C40)	21.892	1669310	19.382 ug/ml

(f)=RT Delta > 1/2 Window

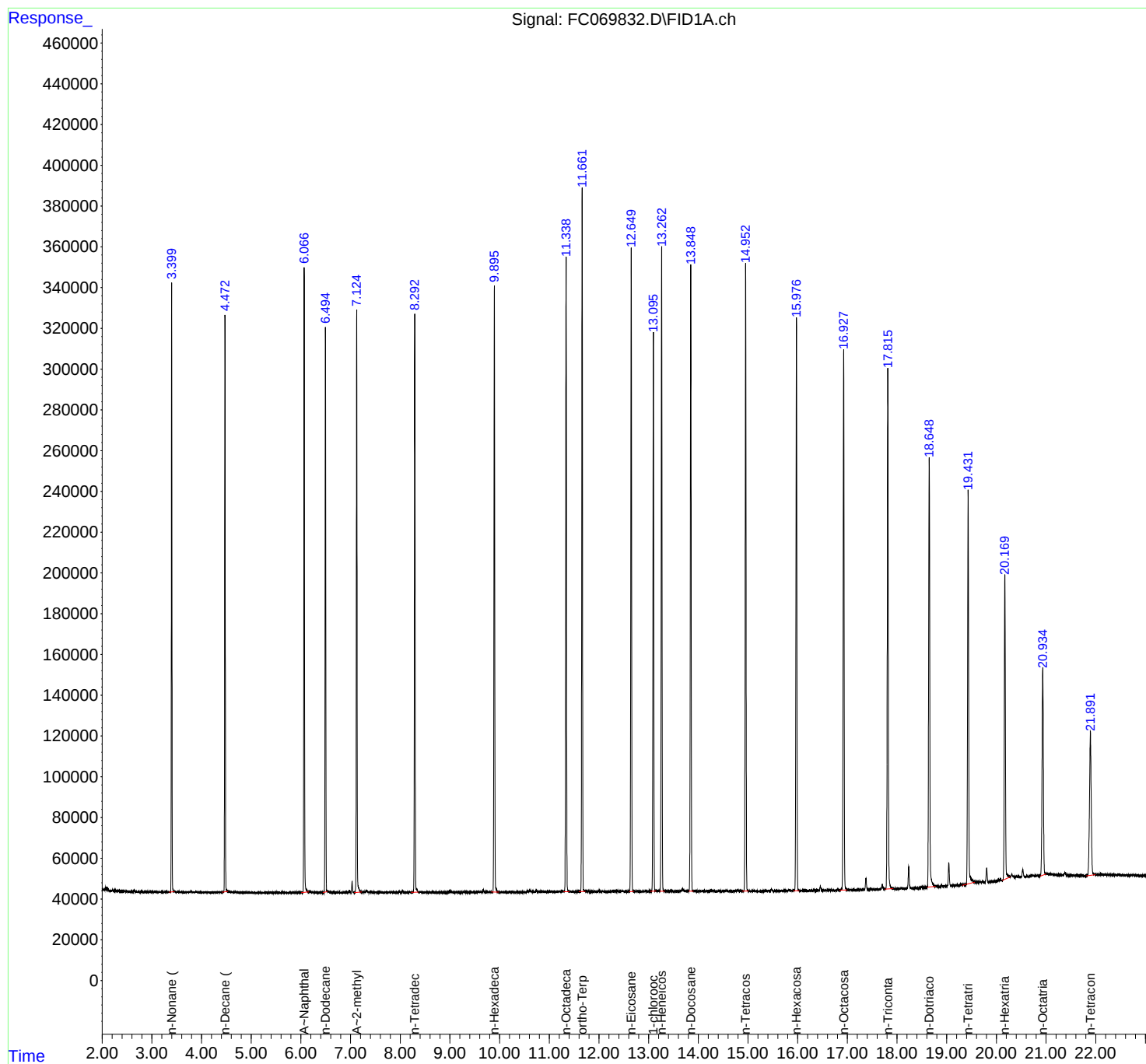
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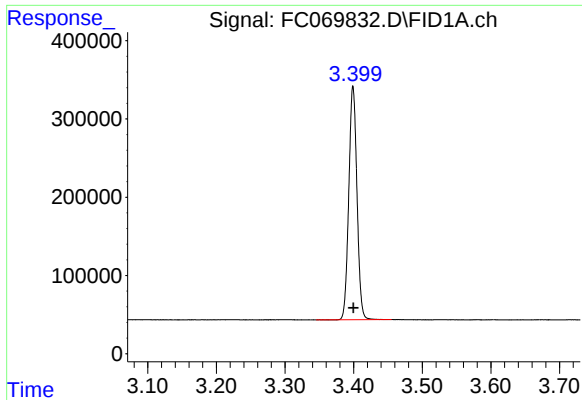
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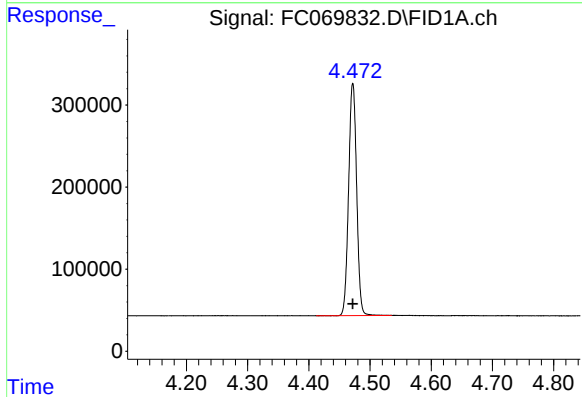




#1 n-Nonane (C9)

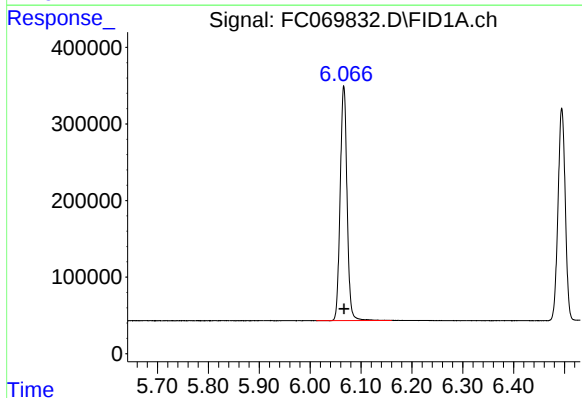
R.T.: 3.399 min
Delta R.T.: 0.000 min
Response: 2470016
Conc: 19.27 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



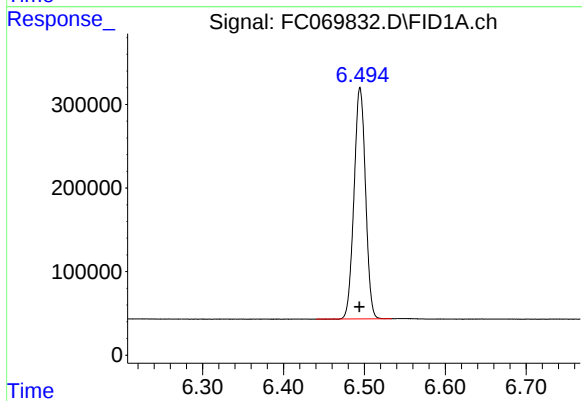
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: 0.000 min
Response: 2580534
Conc: 19.42 ug/ml



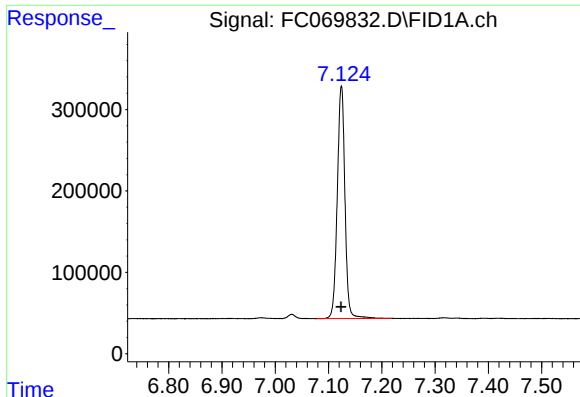
#3 A~Naphthalene (C11.7)

R.T.: 6.066 min
Delta R.T.: 0.000 min
Response: 2872261
Conc: 19.35 ug/ml



#4 n-Dodecane (C12)

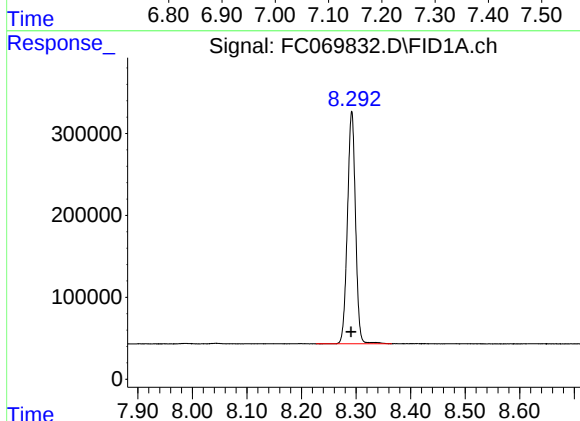
R.T.: 6.495 min
Delta R.T.: 0.000 min
Response: 2731563
Conc: 19.58 ug/ml



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

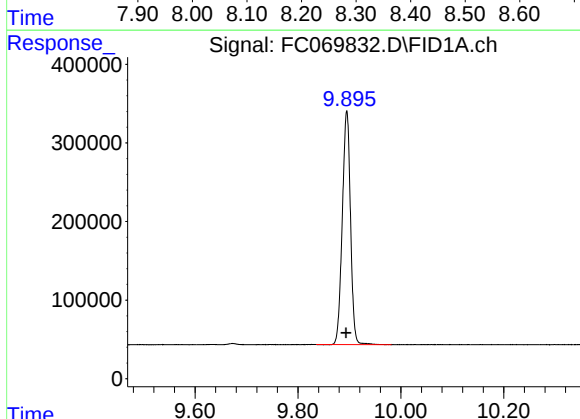
R.T.: 7.124 min
Delta R.T.: 0.000 min
Response: 2861026
Conc: 19.38 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



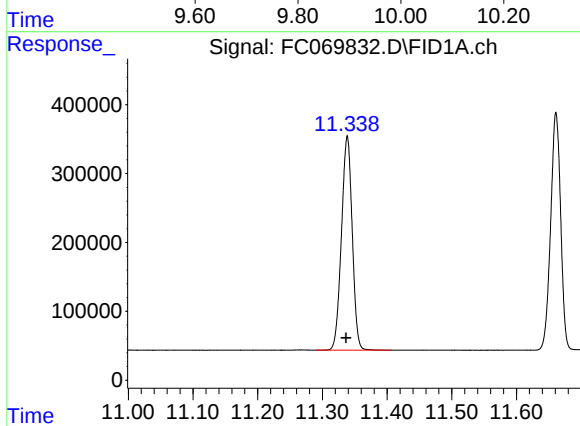
#6 n-Tetradecane (C14)

R.T.: 8.292 min
Delta R.T.: 0.001 min
Response: 2925893
Conc: 19.73 ug/ml



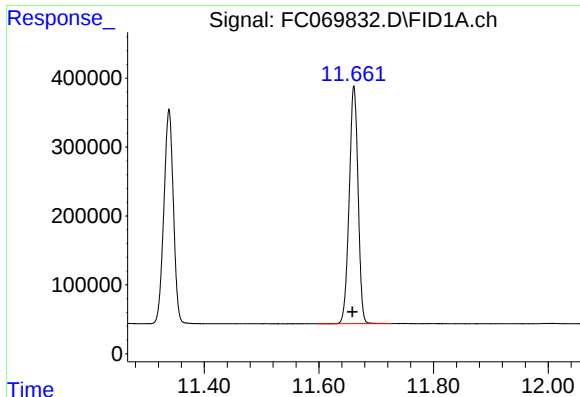
#7 n-Hexadecane (C16)

R.T.: 9.895 min
Delta R.T.: 0.001 min
Response: 3284337
Conc: 19.90 ug/ml



#8 n-Octadecane (C18)

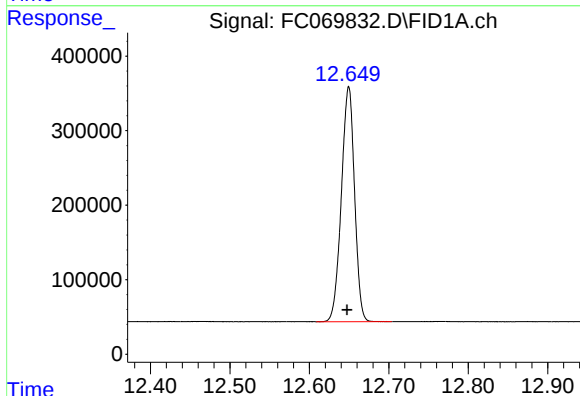
R.T.: 11.338 min
Delta R.T.: 0.002 min
Response: 3588106
Conc: 20.13 ug/ml



#9 ortho-Terphenyl (SURR)

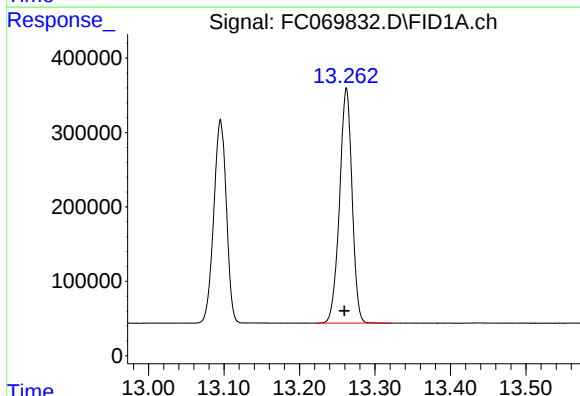
R.T.: 11.661 min
Delta R.T.: 0.003 min
Response: 3712305
Conc: 19.82 ug/ml

Instrument :
FID_C
ClientSampleId :
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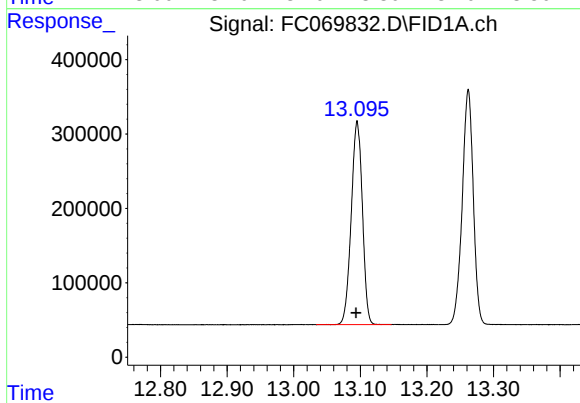
#10 n-Eicosane (C20)

R.T.: 12.649 min
Delta R.T.: 0.002 min
Response: 3637277
Conc: 20.19 ug/ml



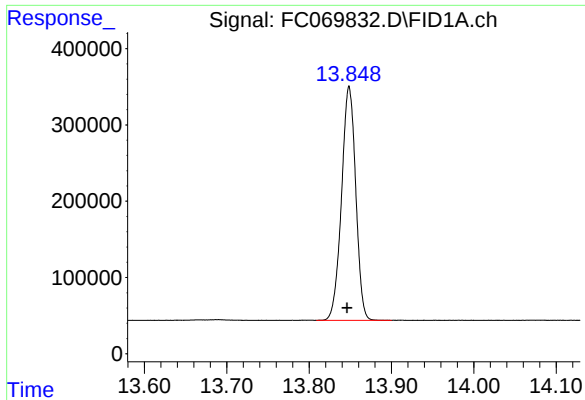
#11 n-Heneicosane (C21)

R.T.: 13.262 min
Delta R.T.: 0.003 min
Response: 3644090
Conc: 20.21 ug/ml



#12 1-chlorooctadecane (SURR)

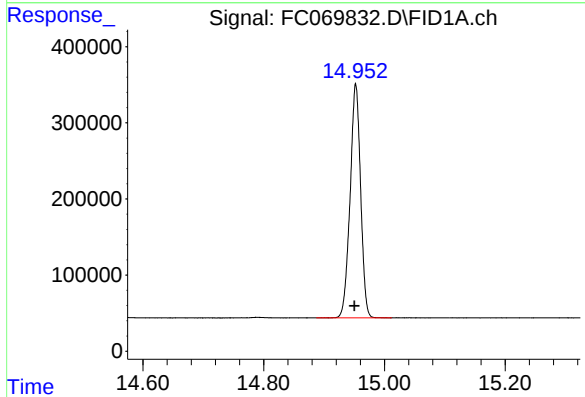
R.T.: 13.095 min
Delta R.T.: 0.002 min
Response: 3179902
Conc: 20.14 ug/ml



#13 n-Docosane (C22)

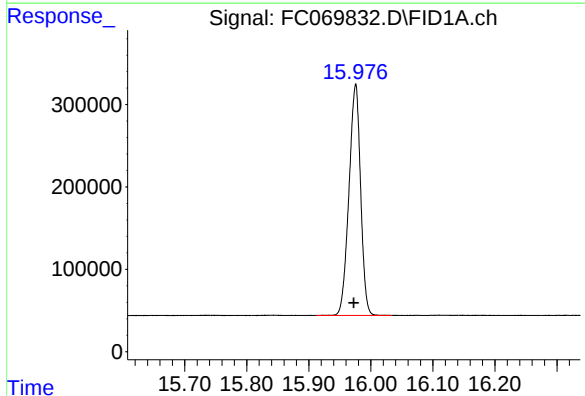
R.T.: 13.849 min
Delta R.T.: 0.002 min
Response: 3671723
Conc: 20.21 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



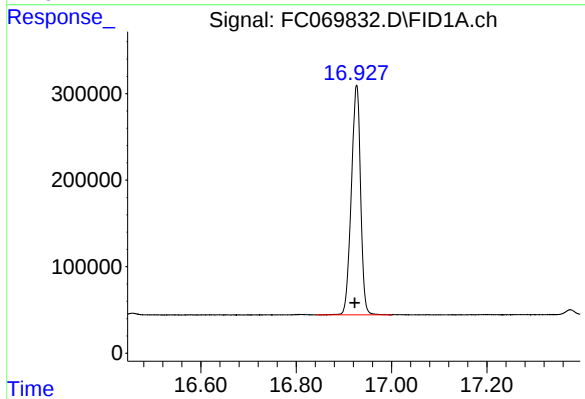
#14 n-Tetracosane (C24)

R.T.: 14.952 min
Delta R.T.: 0.002 min
Response: 3710141
Conc: 20.16 ug/ml



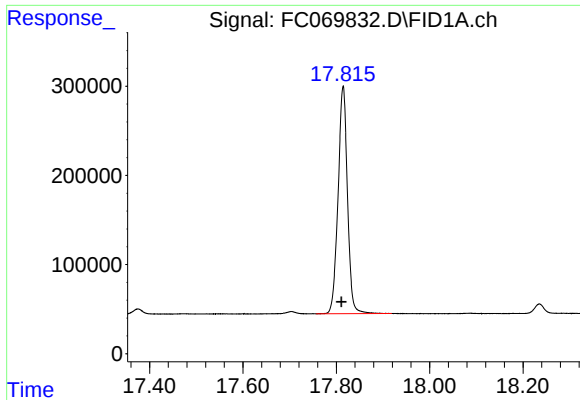
#15 n-Hexacosane (C26)

R.T.: 15.975 min
Delta R.T.: 0.003 min
Response: 3653517
Conc: 20.12 ug/ml



#16 n-Octacosane (C28)

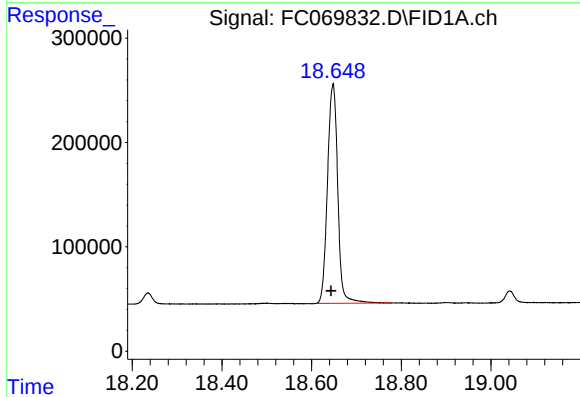
R.T.: 16.927 min
Delta R.T.: 0.004 min
Response: 3559776
Conc: 20.17 ug/ml



#17 n-Tricontane (C30)

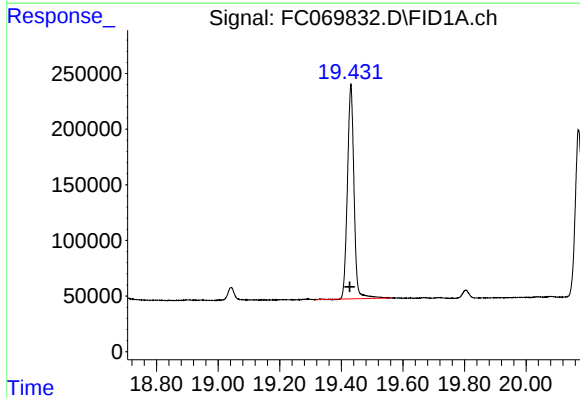
R.T.: 17.815 min
Delta R.T.: 0.004 min
Response: 3562197
Conc: 20.35 ug/ml

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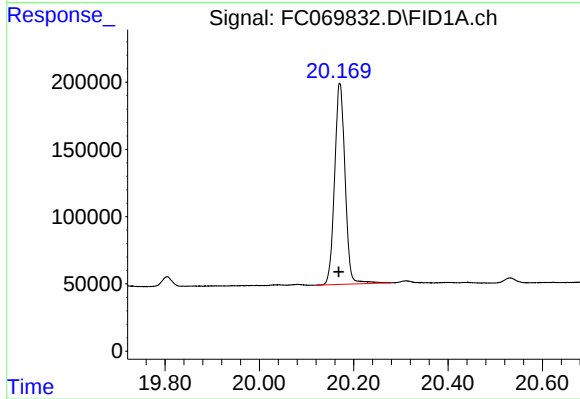
#18 n-Dotriacontane (C32)

R.T.: 18.648 min
Delta R.T.: 0.004 min
Response: 3338276
Conc: 20.63 ug/ml



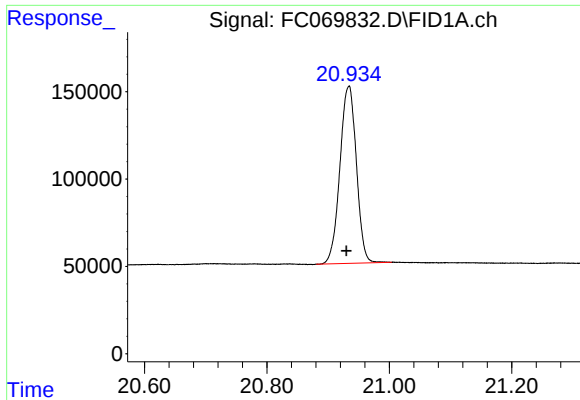
#19 n-Tetratriacontane (C34)

R.T.: 19.431 min
Delta R.T.: 0.003 min
Response: 2873492
Conc: 20.56 ug/ml



#20 n-Hexatriacontane (C36)

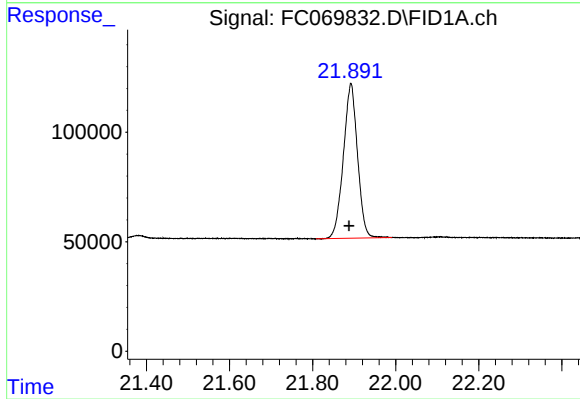
R.T.: 20.171 min
Delta R.T.: 0.002 min
Response: 2302315
Conc: 20.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.933 min
Delta R.T.: 0.004 min
Response: 1897802
Conc: 19.67 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.892 min
Delta R.T.: 0.004 min
Response: 1669310
Conc: 19.38 ug/ml