

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082825AL\
 Data File : FC069774.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2025 18:10
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Aug 29 01:21:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 27 12:11:00 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)	11.659	2382645	18.400 ug/ml
Spiked Amount 50.000		Recovery =	36.80%
12) S 1-chlorooctadecane (S...	13.095	1723390	18.011 ug/ml
Spiked Amount 50.000		Recovery =	36.02%
Target Compounds			
1) T n-Nonane (C9)	3.395	2339140	18.659 ug/ml
2) T n-Decane (C10)	4.467	2381646	18.691 ug/ml
3) T A~Naphthalene (C11.7)	6.061	2505097	18.622 ug/ml
4) T n-Dodecane (C12)	6.491	2389394	18.647 ug/ml
5) T A~2-methylnaphthalene...	7.120	2370985	18.513 ug/ml
6) T n-Tetradecane (C14)	8.290	2365300	18.546 ug/ml
7) T n-Hexadecane (C16)	9.893	2383610	18.457 ug/ml
8) T n-Octadecane (C18)	11.338	2306830	18.398 ug/ml
10) T n-Eicosane (C20)	12.649	2129386	18.345 ug/ml
11) T n-Heneicosane (C21)	13.263	2047361	18.309 ug/ml
13) T n-Docosane (C22)	13.850	1990988	18.244 ug/ml
14) T n-Tetracosane (C24)	14.955	1913486	18.246 ug/ml
15) T n-Hexacosane (C26)	15.976	1828141	18.242 ug/ml
16) T n-Octacosane (C28)	16.929	1768101	18.363 ug/ml
17) T n-Tricontane (C30)	17.817	1763905	18.341 ug/ml
18) T n-Dotriacontane (C32)	18.652	1709928	18.356 ug/ml
19) T n-Tetratriacontane (C34)	19.435	1572830	18.226 ug/ml
20) T n-Hexatriacontane (C36)	20.176	1363419	17.872 ug/ml
21) T n-Octatriacontane (C38)	20.940	1199397	17.055 ug/ml
22) T n-Tetracontane (C40)	21.903	1030758	15.516 ug/ml

(f)=RT Delta > 1/2 Window

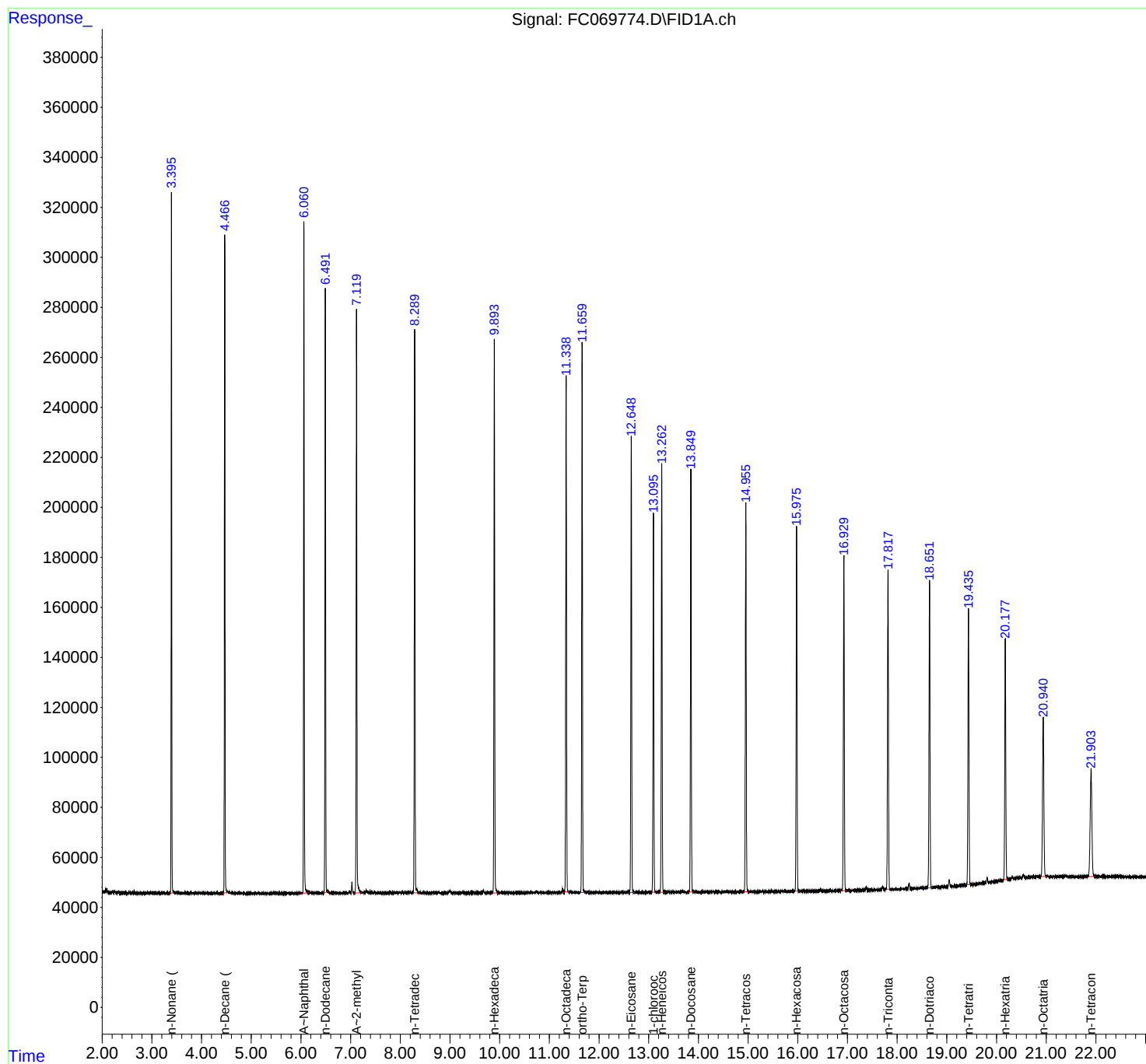
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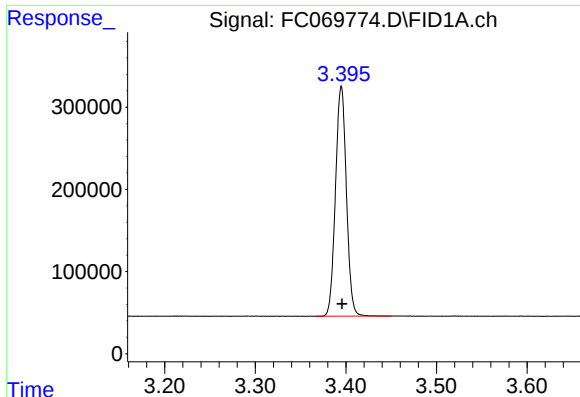
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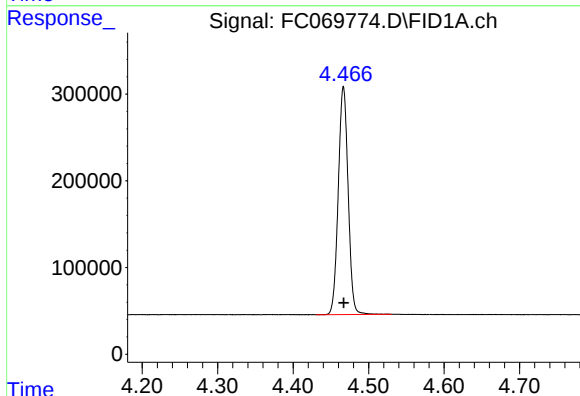




#1 n-Nonane (C9)

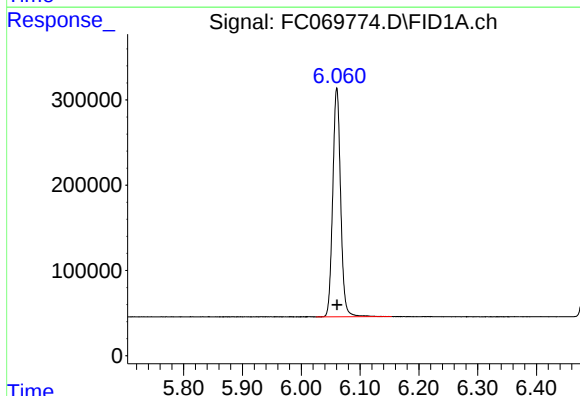
R.T.: 3.395 min
Delta R.T.: -0.001 min
Response: 2339140
Conc: 18.66 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



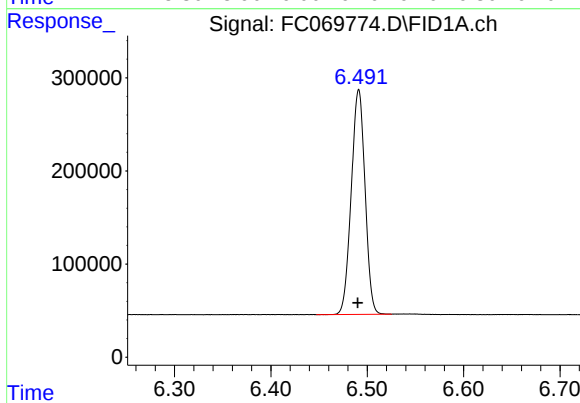
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 2381646
Conc: 18.69 ug/ml



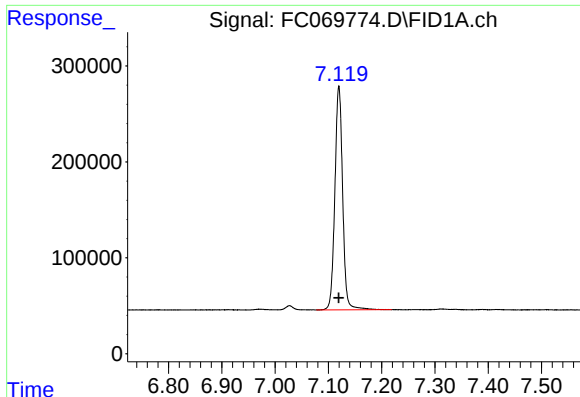
#3 A~Naphthalene (C11.7)

R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 2505097
Conc: 18.62 ug/ml



#4 n-Dodecane (C12)

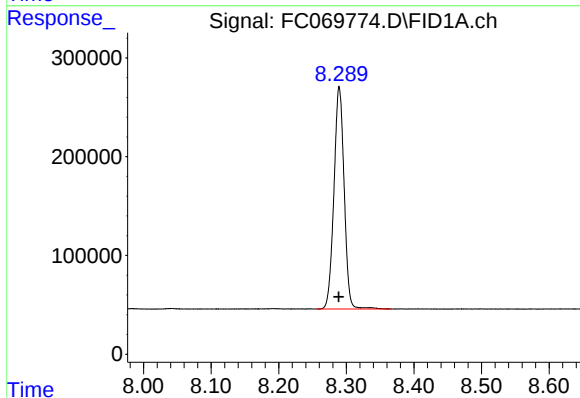
R.T.: 6.491 min
Delta R.T.: 0.000 min
Response: 2389394
Conc: 18.65 ug/ml



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

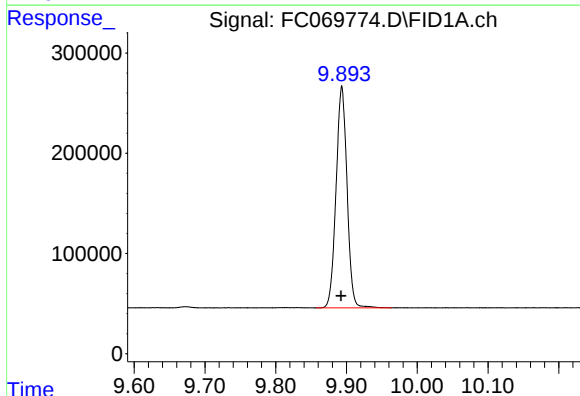
R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 2370985
Conc: 18.51 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



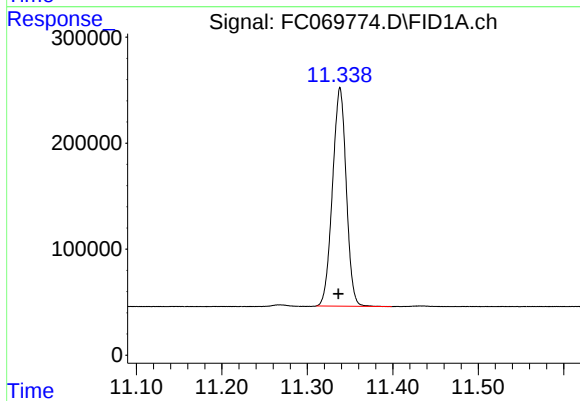
#6 n-Tetradecane (C14)

R.T.: 8.290 min
Delta R.T.: 0.000 min
Response: 2365300
Conc: 18.55 ug/ml



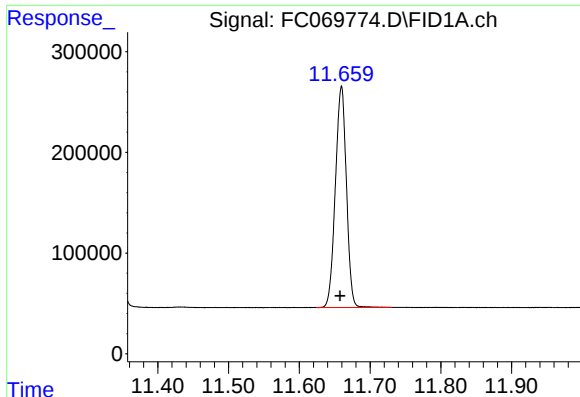
#7 n-Hexadecane (C16)

R.T.: 9.893 min
Delta R.T.: 0.001 min
Response: 2383610
Conc: 18.46 ug/ml



#8 n-Octadecane (C18)

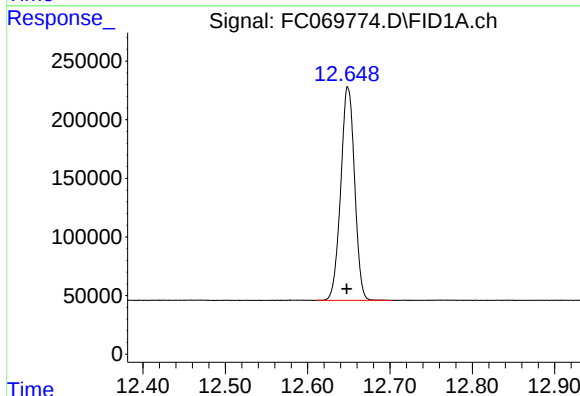
R.T.: 11.338 min
Delta R.T.: 0.002 min
Response: 2306830
Conc: 18.40 ug/ml



#9 ortho-Terphenyl (SURR)

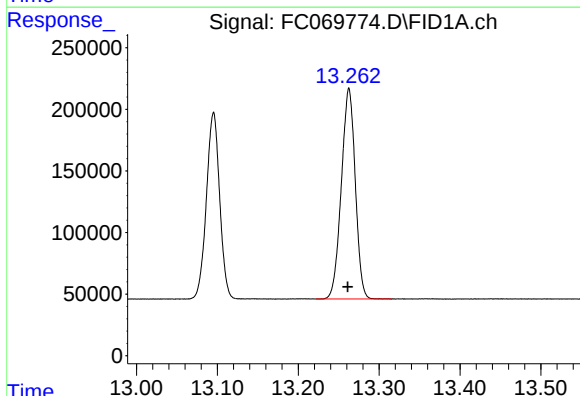
R.T.: 11.659 min
Delta R.T.: 0.002 min
Response: 2382645
Conc: 18.40 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



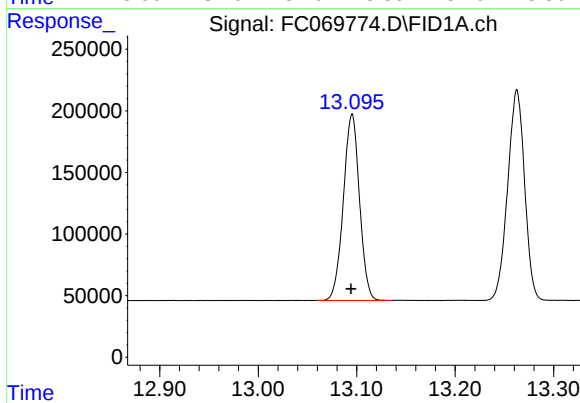
#10 n-Eicosane (C20)

R.T.: 12.649 min
Delta R.T.: 0.002 min
Response: 2129386
Conc: 18.35 ug/ml



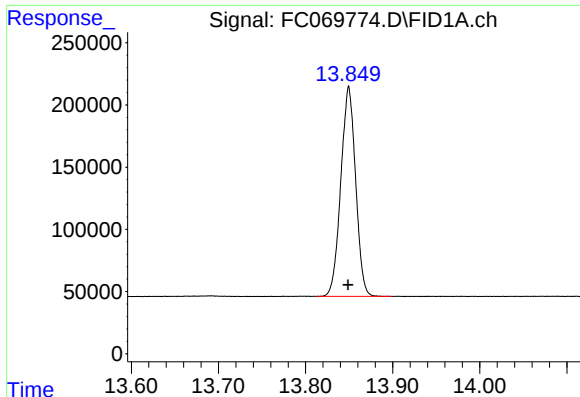
#11 n-Heneicosane (C21)

R.T.: 13.263 min
Delta R.T.: 0.002 min
Response: 2047361
Conc: 18.31 ug/ml



#12 1-chlorooctadecane (SURR)

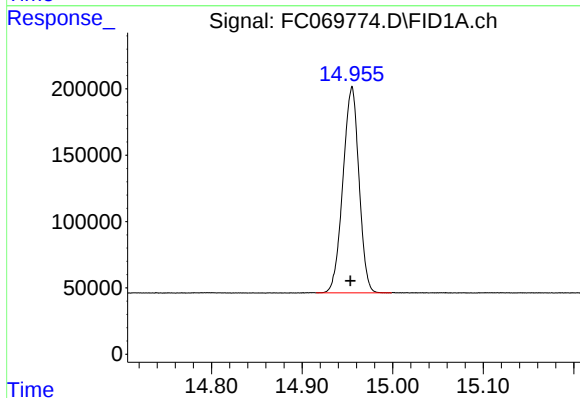
R.T.: 13.095 min
Delta R.T.: 0.000 min
Response: 1723390
Conc: 18.01 ug/ml



#13 n-Docosane (C22)

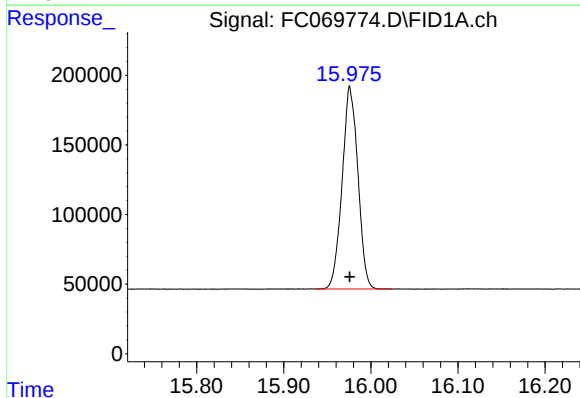
R.T.: 13.850 min
Delta R.T.: 0.000 min
Response: 1990988
Conc: 18.24 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



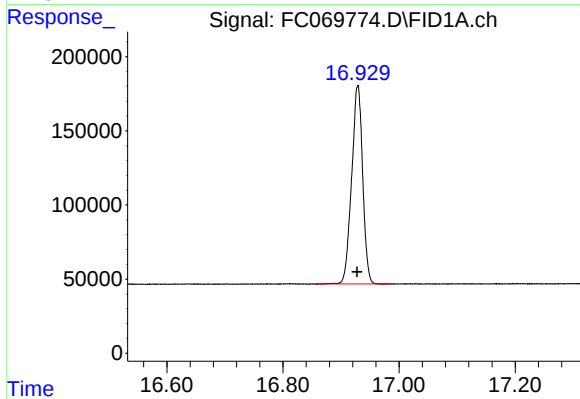
#14 n-Tetracosane (C24)

R.T.: 14.955 min
Delta R.T.: 0.002 min
Response: 1913486
Conc: 18.25 ug/ml



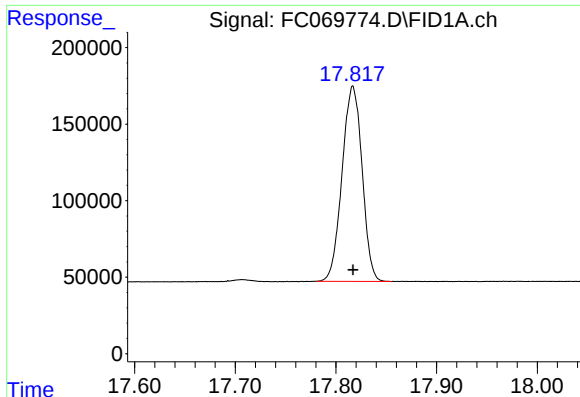
#15 n-Hexacosane (C26)

R.T.: 15.976 min
Delta R.T.: 0.000 min
Response: 1828141
Conc: 18.24 ug/ml



#16 n-Octacosane (C28)

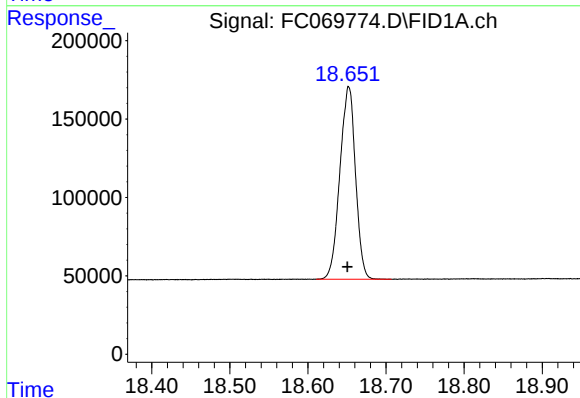
R.T.: 16.929 min
Delta R.T.: 0.001 min
Response: 1768101
Conc: 18.36 ug/ml



#17 n-Tricontane (C30)

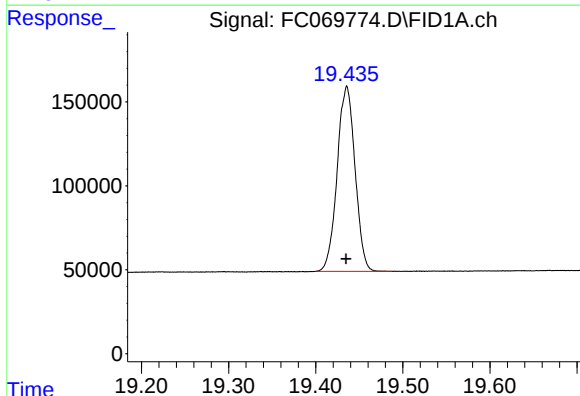
R.T.: 17.817 min
Delta R.T.: 0.000 min
Response: 1763905
Conc: 18.34 ug/ml

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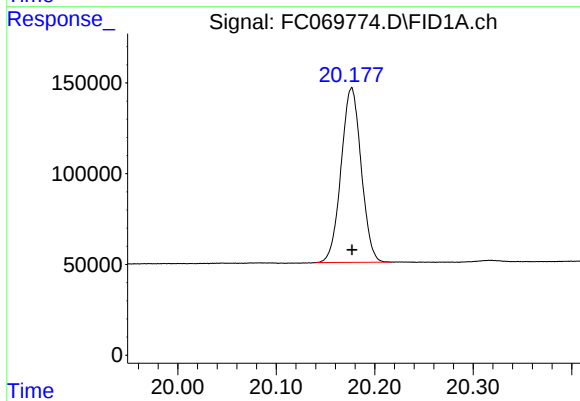
#18 n-Dotriacontane (C32)

R.T.: 18.652 min
Delta R.T.: 0.001 min
Response: 1709928
Conc: 18.36 ug/ml



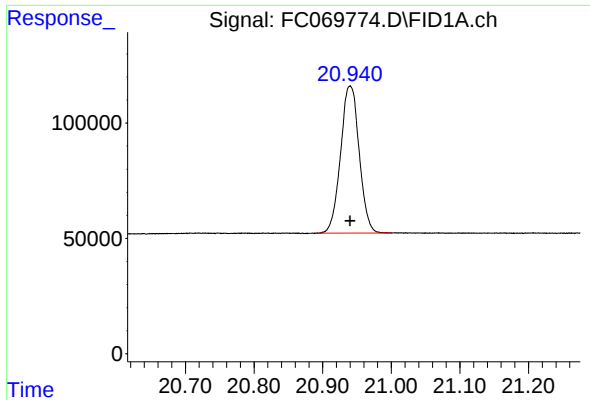
#19 n-Tetratriacontane (C34)

R.T.: 19.435 min
Delta R.T.: 0.000 min
Response: 1572830
Conc: 18.23 ug/ml



#20 n-Hexatriacontane (C36)

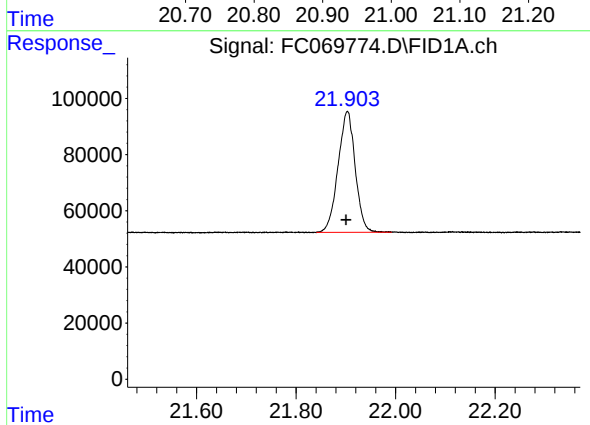
R.T.: 20.176 min
Delta R.T.: 0.000 min
Response: 1363419
Conc: 17.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.940 min
Delta R.T.: 0.000 min
Response: 1199397
Conc: 17.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.903 min
Delta R.T.: 0.002 min
Response: 1030758
Conc: 15.52 ug/ml