

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082922AL\
 Data File : FC061349.D
 Signal(s) : FID1A.ch
 Acq On : 30 Aug 2022 08:06
 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: autoint1.e
 Quant Time: Aug 30 08:56:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 05:32:18 2022
 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)	11.644	3049979	17.229 ug/ml
Spiked Amount 50.000		Recovery =	34.46%
12) S 1-chlorooctadecane (S...	13.074	2429283	17.346 ug/ml
Spiked Amount 50.000		Recovery =	34.69%
Target Compounds			
1) T n-Nonane (C9)	3.417	2749794	18.188 ug/ml
2) T n-Decane (C10)	4.483	2775312	18.290 ug/ml
3) T A~Naphthalene (C11.7)	6.069	3117719	18.011 ug/ml
4) T n-Dodecane (C12)	6.495	2813410	18.166 ug/ml
5) T A~2-methylnaphthalene...	7.122	3143341	17.851 ug/ml
6) T n-Tetradecane (C14)	8.287	2820382	18.031 ug/ml
7) T n-Hexadecane (C16)	9.885	2806613	17.918 ug/ml
8) T n-Octadecane (C18)	11.324	2812333	17.826 ug/ml
10) T n-Eicosane (C20)	12.630	2738130	17.613 ug/ml
11) T n-Heneicosane (C21)	13.241	2713249	17.346 ug/ml
13) T n-Docosane (C22)	13.826	2691197	17.342 ug/ml
14) T n-Tetracosane (C24)	14.926	2683572	17.347 ug/ml
15) T n-Hexacosane (C26)	15.945	2588182	17.197 ug/ml
16) T n-Octacosane (C28)	16.893	2531684	17.140 ug/ml
17) T n-Tricontane (C30)	17.778	2491858	18.041 ug/ml
18) T n-Dotriacontane (C32)	18.609	2085093	18.996 ug/ml
19) T n-Tetratriacontane (C34)	19.391	1536385	19.905 ug/ml
20) T n-Hexatriacontane (C36)	20.128	1163127	20.601 ug/mlm
21) T n-Octatriacontane (C38)	20.870	973167	20.977 ug/ml
22) T n-Tetracontane (C40)	21.798	894679	21.330 ug/mlm

(f)=RT Delta > 1/2 Window

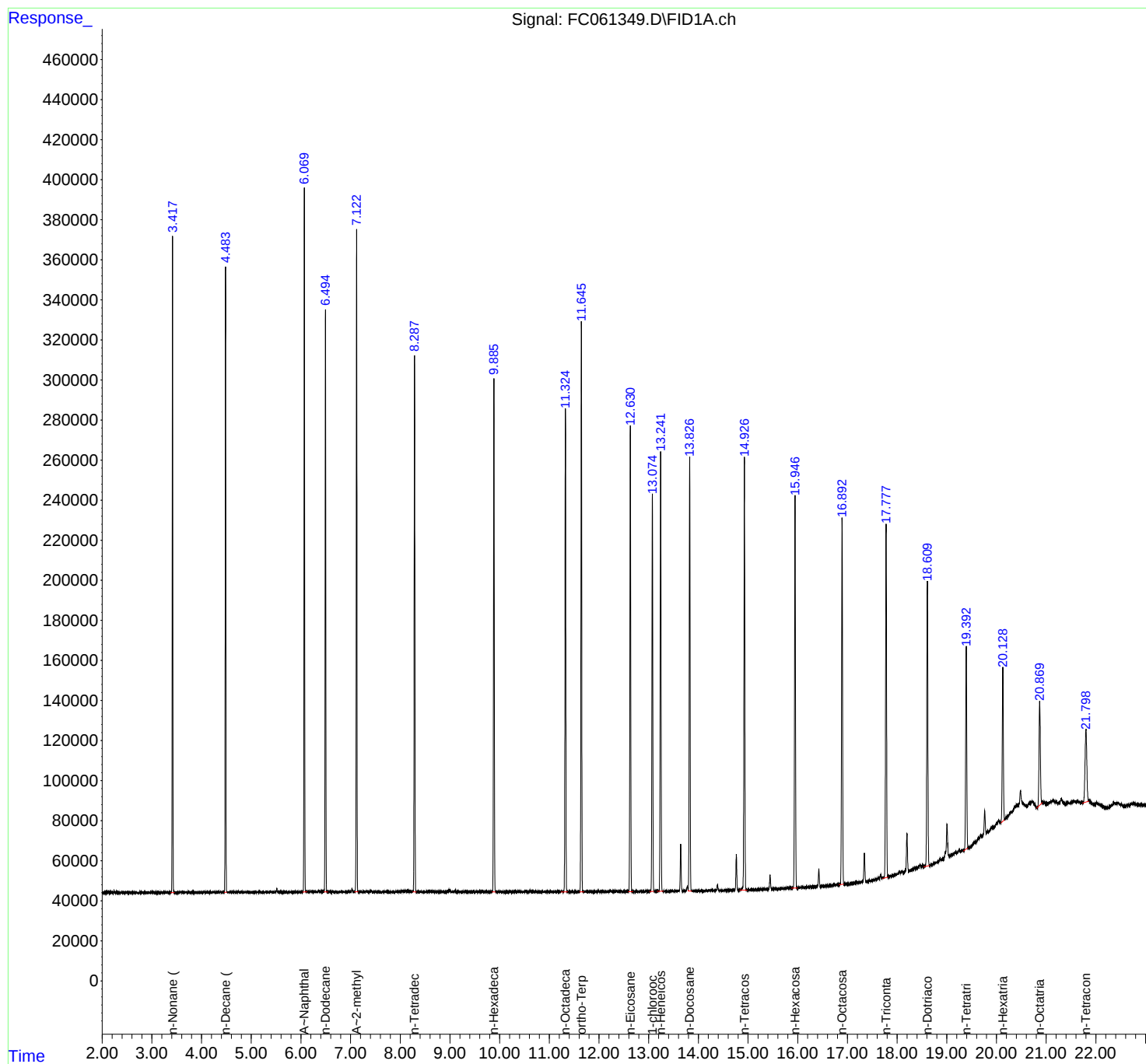
(m)=manual int.

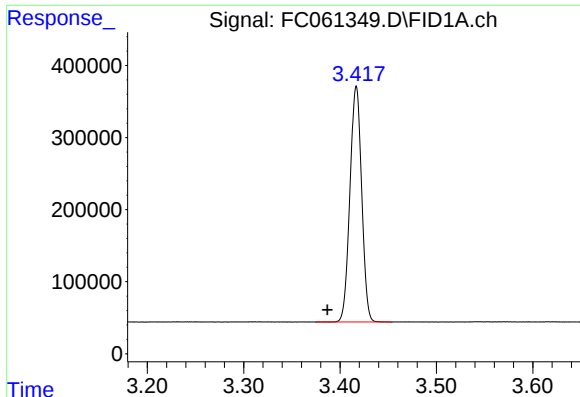
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082922AL\
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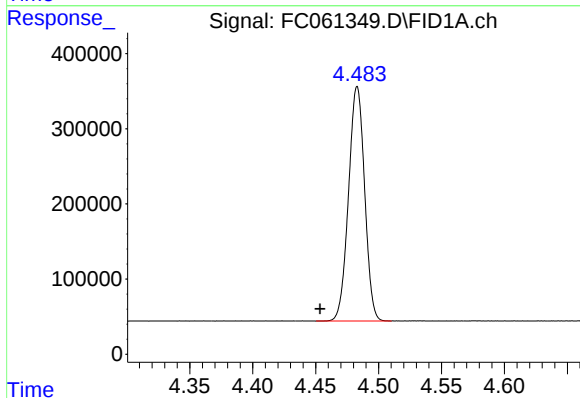




#1 n-Nonane (C9)

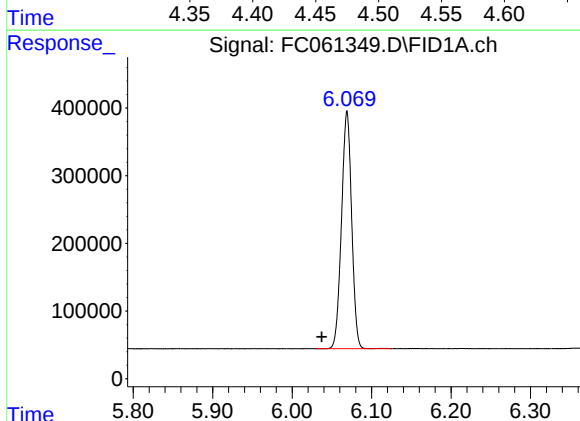
R.T.: 3.417 min
Delta R.T.: 0.030 min
Response: 2749794
Conc: 18.19 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



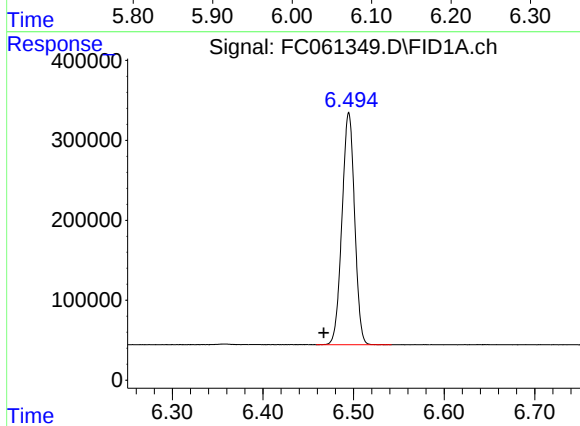
#2 n-Decane (C10)

R.T.: 4.483 min
Delta R.T.: 0.030 min
Response: 2775312
Conc: 18.29 ug/ml



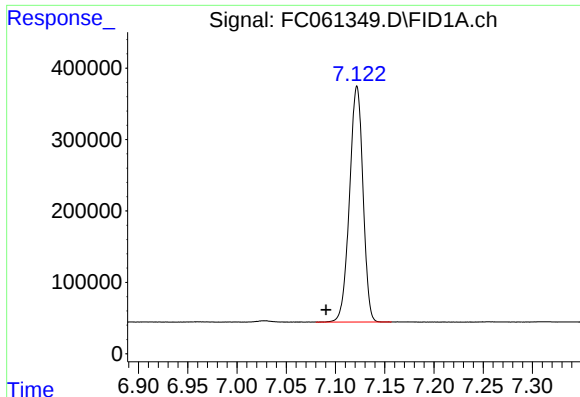
#3 A~Naphthalene (C11.7)

R.T.: 6.069 min
Delta R.T.: 0.031 min
Response: 3117719
Conc: 18.01 ug/ml



#4 n-Dodecane (C12)

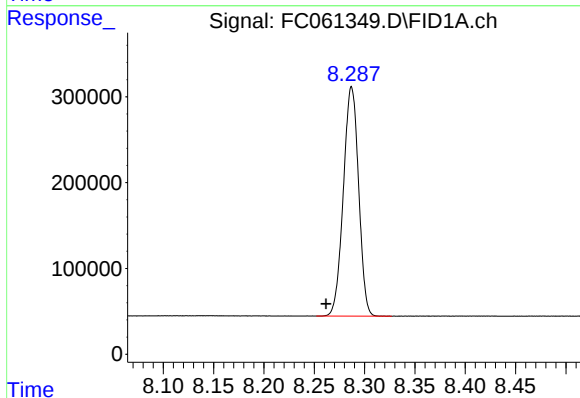
R.T.: 6.495 min
Delta R.T.: 0.028 min
Response: 2813410
Conc: 18.17 ug/ml



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

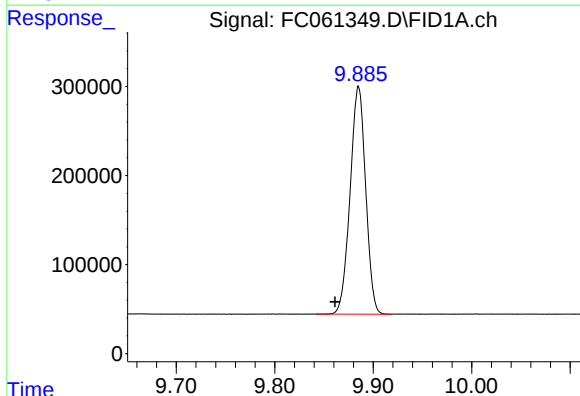
R.T.: 7.122 min
Delta R.T.: 0.031 min
Response: 3143341
Conc: 17.85 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



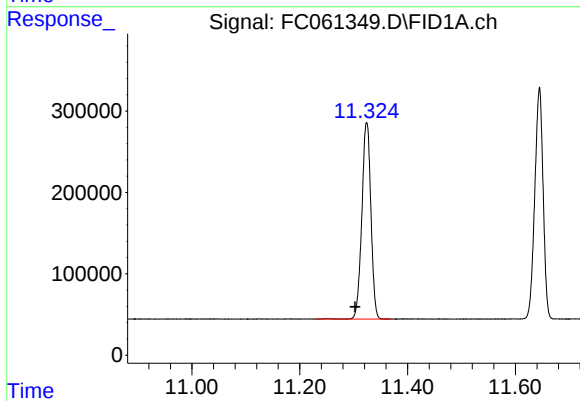
#6 n-Tetradecane (C14)

R.T.: 8.287 min
Delta R.T.: 0.025 min
Response: 2820382
Conc: 18.03 ug/ml



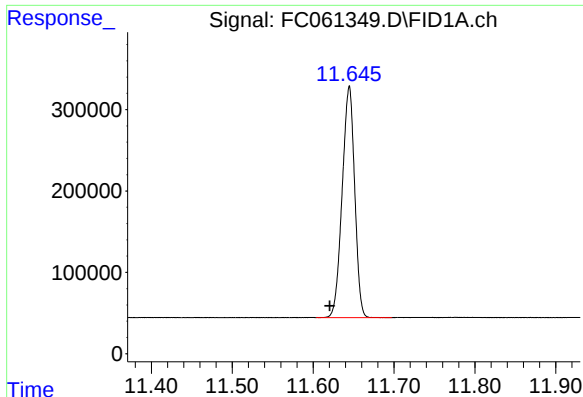
#7 n-Hexadecane (C16)

R.T.: 9.885 min
Delta R.T.: 0.024 min
Response: 2806613
Conc: 17.92 ug/ml



#8 n-Octadecane (C18)

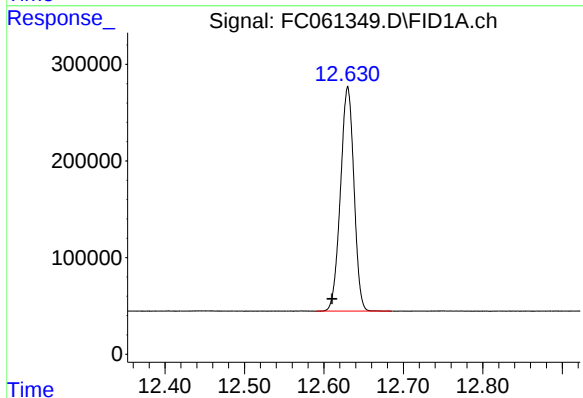
R.T.: 11.324 min
Delta R.T.: 0.022 min
Response: 2812333
Conc: 17.83 ug/ml



#9 ortho-Terphenyl (SURR)

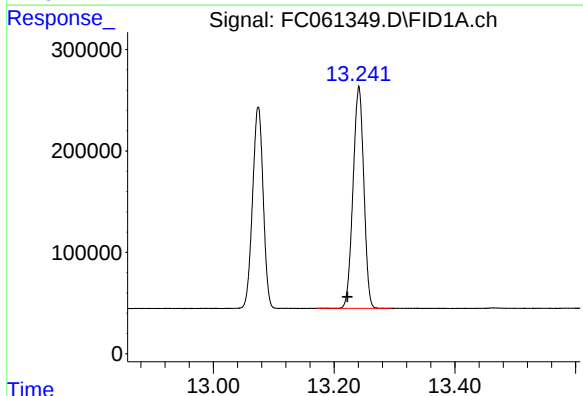
R.T.: 11.644 min
Delta R.T.: 0.024 min
Response: 3049979
Conc: 17.23 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



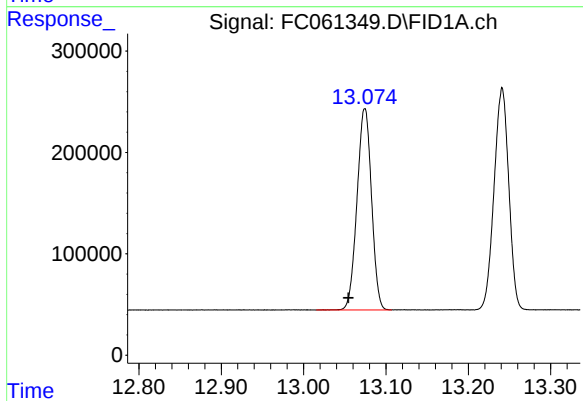
#10 n-Eicosane (C20)

R.T.: 12.630 min
Delta R.T.: 0.020 min
Response: 2738130
Conc: 17.61 ug/ml



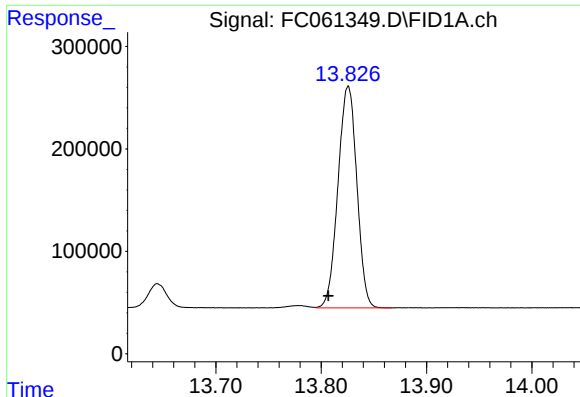
#11 n-Heneicosane (C21)

R.T.: 13.241 min
Delta R.T.: 0.019 min
Response: 2713249
Conc: 17.35 ug/ml



#12 1-chlorooctadecane (SURR)

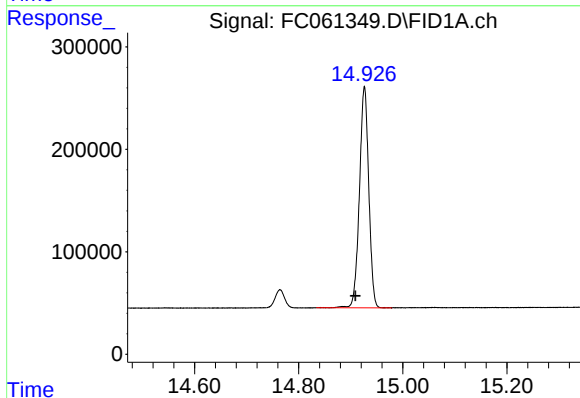
R.T.: 13.074 min
Delta R.T.: 0.020 min
Response: 2429283
Conc: 17.35 ug/ml



#13 n-Docosane (C22)

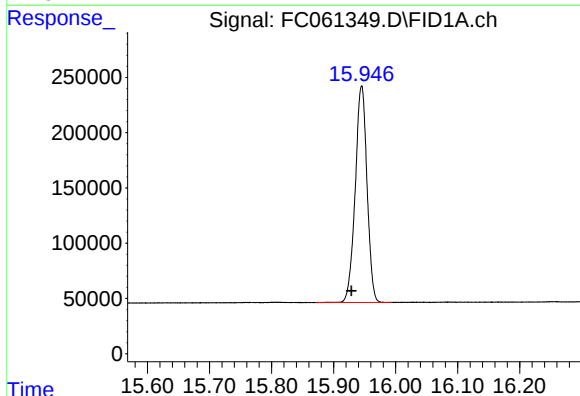
R.T.: 13.826 min
Delta R.T.: 0.019 min
Response: 2691197
Conc: 17.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



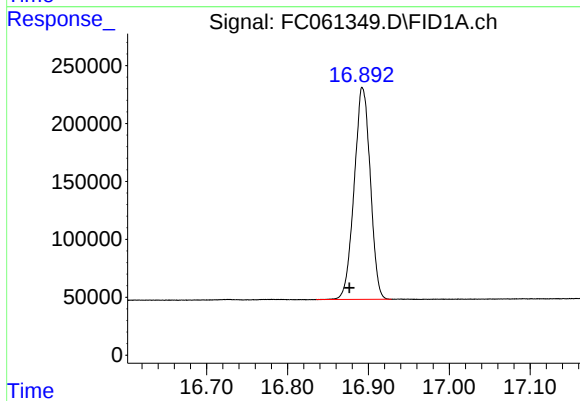
#14 n-Tetracosane (C24)

R.T.: 14.926 min
Delta R.T.: 0.018 min
Response: 2683572
Conc: 17.35 ug/ml



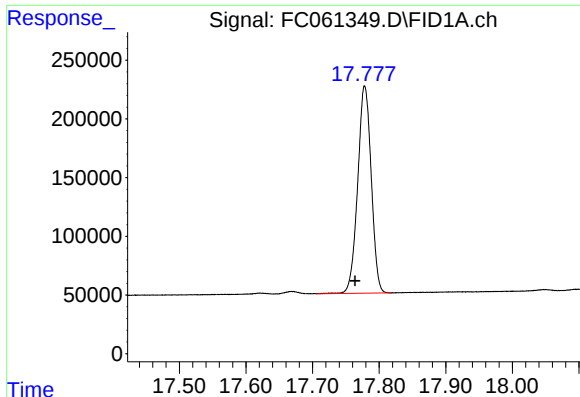
#15 n-Hexacosane (C26)

R.T.: 15.945 min
Delta R.T.: 0.016 min
Response: 2588182
Conc: 17.20 ug/ml



#16 n-Octacosane (C28)

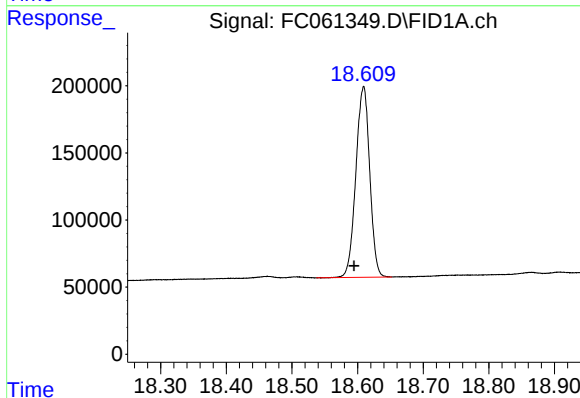
R.T.: 16.893 min
Delta R.T.: 0.017 min
Response: 2531684
Conc: 17.14 ug/ml



#17 n-Tricontane (C30)

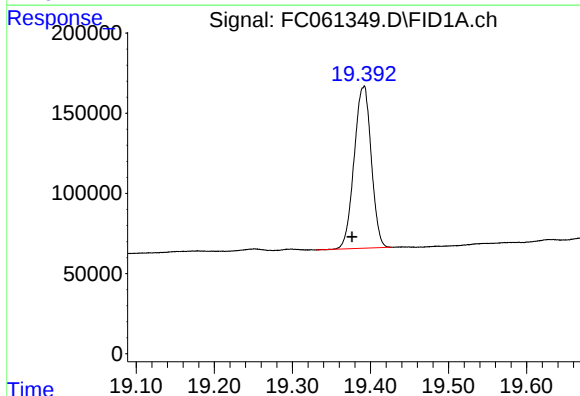
R.T.: 17.778 min
Delta R.T.: 0.014 min
Response: 2491858
Conc: 18.04 ug/ml

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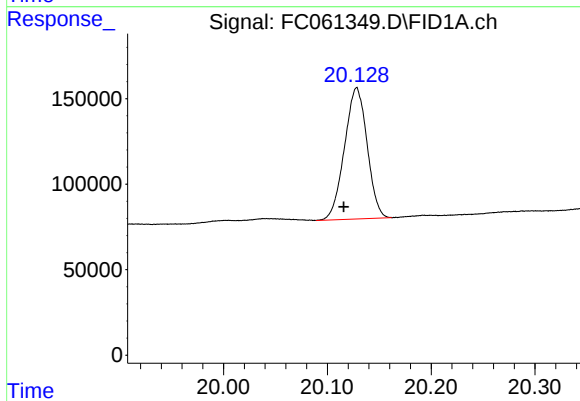
#18 n-Dotriacontane (C32)

R.T.: 18.609 min
Delta R.T.: 0.014 min
Response: 2085093
Conc: 19.00 ug/ml



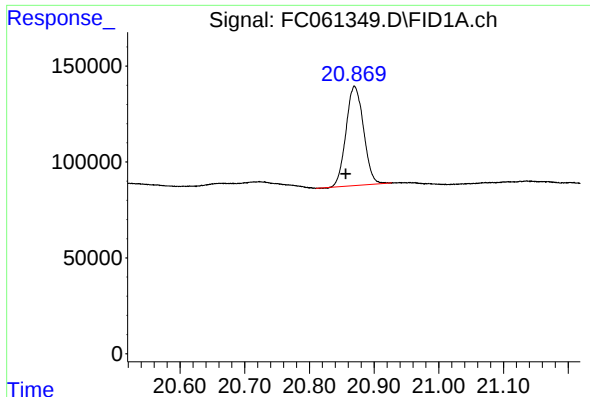
#19 n-Tetratriacontane (C34)

R.T.: 19.391 min
Delta R.T.: 0.015 min
Response: 1536385
Conc: 19.90 ug/ml



#20 n-Hexatriacontane (C36)

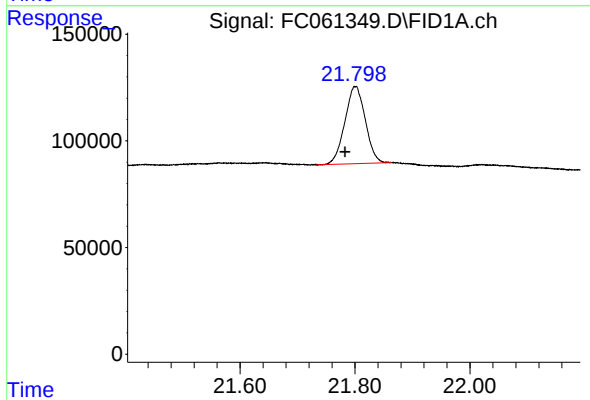
R.T.: 20.128 min
Delta R.T.: 0.013 min
Response: 1163127
Conc: 20.60 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.870 min
Delta R.T.: 0.014 min
Response: 973167
Conc: 20.98 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.798 min
Delta R.T.: 0.016 min
Response: 894679
Conc: 21.33 ug/ml m