

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012523AL\
 Data File : FC062768.D
 Signal(s) : FID1A.ch
 Acq On : 25 Jan 2023 12:09
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 26 04:54:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010523.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 05 04:54:00 2023
 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)	11.540	2942038	20.823 ug/ml
Spiked Amount 50.000		Recovery =	41.65%
12) S 1-chlorooctadecane (S...	12.979	2097462	19.912 ug/ml
Spiked Amount 50.000		Recovery =	39.82%
Target Compounds			
1) T n-Nonane (C9)	3.302	2956129	22.106 ug/ml
2) T n-Decane (C10)	4.368	2867399	22.109 ug/ml
3) T A~Naphthalene (C11.7)	5.952	3130980	21.307 ug/ml
4) T n-Dodecane (C12)	6.388	2756101	21.445 ug/ml
5) T A~2-methylnaphthalene...	7.009	2872630	21.011 ug/ml
6) T n-Tetradecane (C14)	8.184	2783966	21.627 ug/ml
7) T n-Hexadecane (C16)	9.786	2758397	21.359 ug/ml
8) T n-Octadecane (C18)	11.227	2745294	21.199 ug/ml
10) T n-Eicosane (C20)	12.537	2593262	21.013 ug/ml
11) T n-Heneicosane (C21)	13.148	2573334	20.996 ug/ml
13) T n-Docosane (C22)	13.731	2509138	20.988 ug/ml
14) T n-Tetracosane (C24)	14.834	2458254	21.108 ug/ml
15) T n-Hexacosane (C26)	15.855	2401587	21.378 ug/ml
16) T n-Octacosane (C28)	16.802	2381457	21.689 ug/ml
17) T n-Tricontane (C30)	17.689	2391336	22.081 ug/ml
18) T n-Dotriacontane (C32)	18.519	2436204	22.315 ug/ml
19) T n-Tetratriacontane (C34)	19.302	2420187	22.261 ug/ml
20) T n-Hexatriacontane (C36)	20.039	2310684	20.773 ug/ml
21) T n-Octatriacontane (C38)	20.767	2199549	20.769 ug/ml
22) T n-Tetracontane (C40)	21.669	1996436	18.747 ug/ml

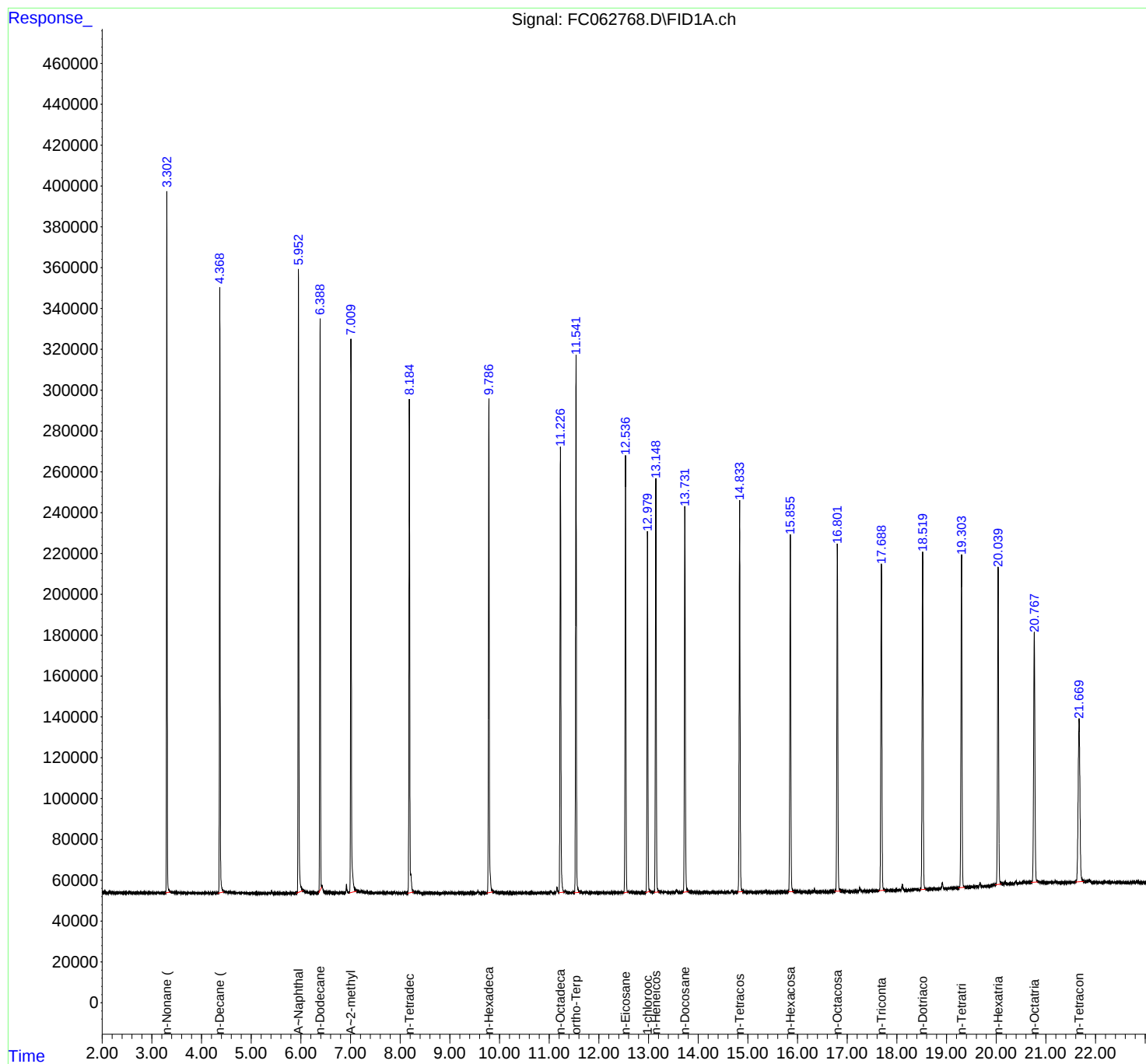
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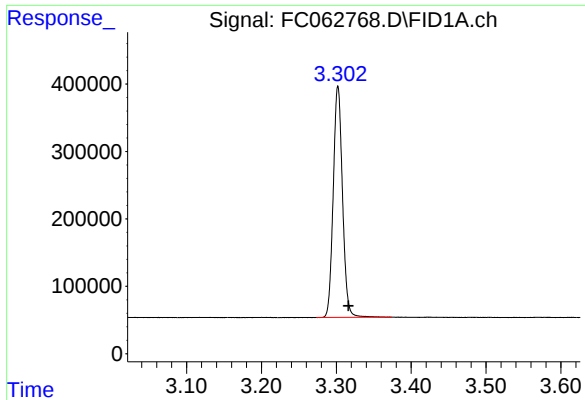
(m)=manual int.

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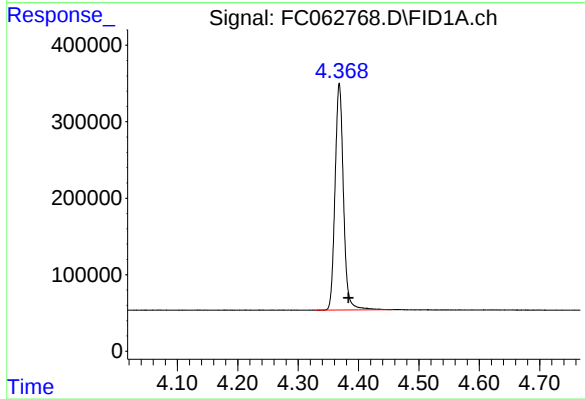
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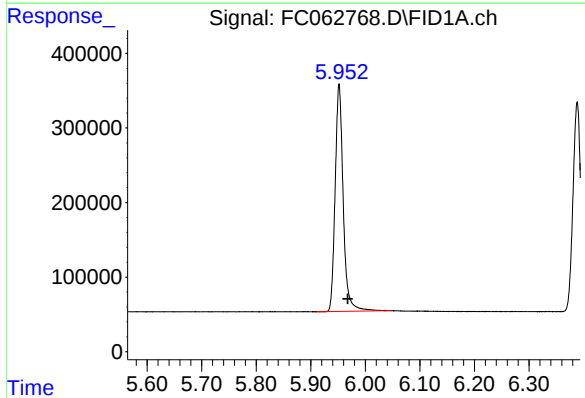
#1 n-Nonane (C9)

R.T.: 3.302 min
Delta R.T.: -0.014 min
Response: 2956129
Conc: 22.11 ug/ml



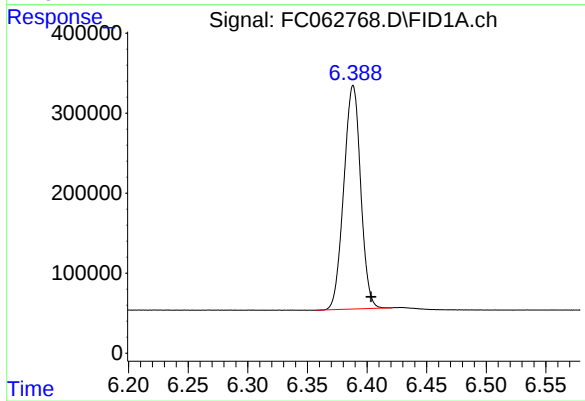
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: -0.015 min
Response: 2867399
Conc: 22.11 ug/ml



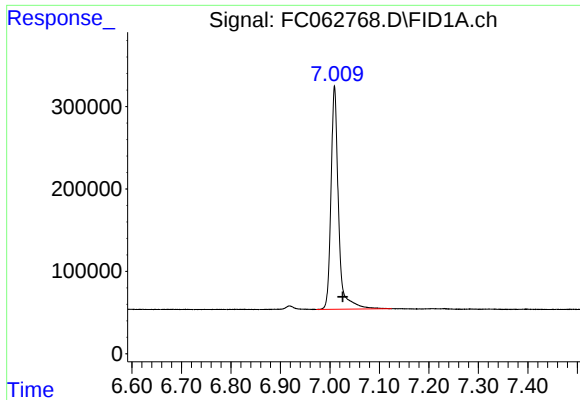
#3 A~Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: -0.016 min
Response: 3130980
Conc: 21.31 ug/ml



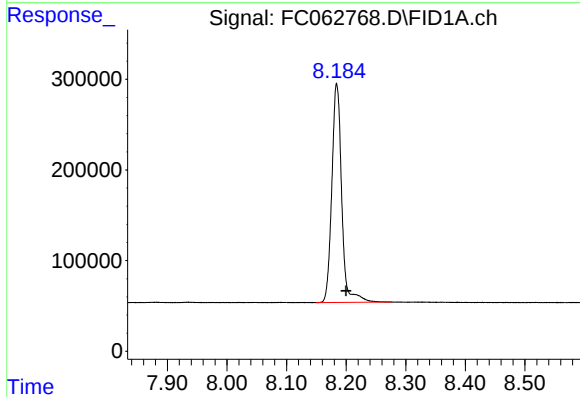
#4 n-Dodecane (C12)

R.T.: 6.388 min
Delta R.T.: -0.015 min
Response: 2756101
Conc: 21.44 ug/ml



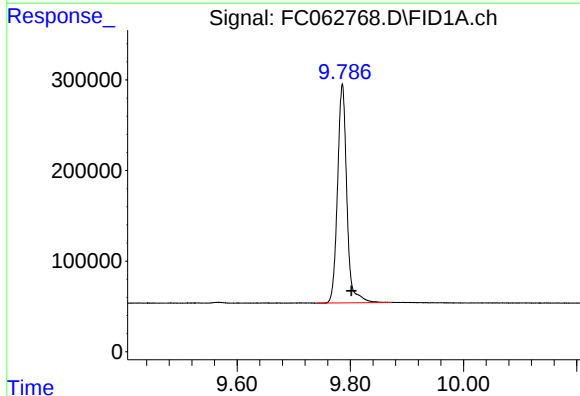
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.009 min
Delta R.T.: -0.016 min
Response: 2872630
Conc: 21.01 ug/ml



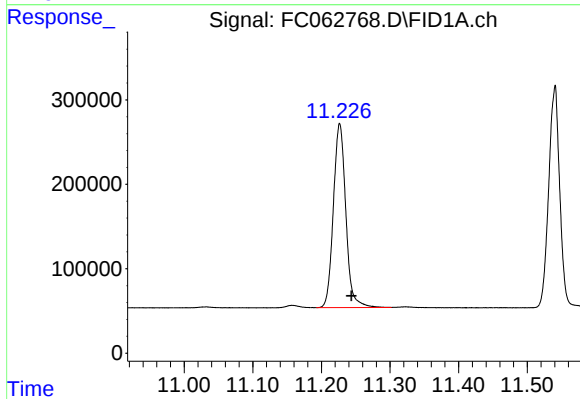
#6 n-Tetradecane (C14)

R.T.: 8.184 min
Delta R.T.: -0.016 min
Response: 2783966
Conc: 21.63 ug/ml



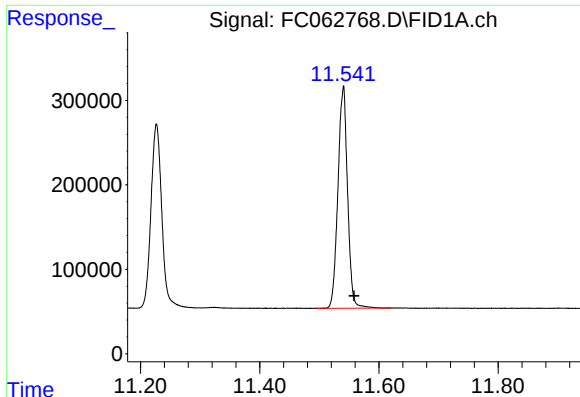
#7 n-Hexadecane (C16)

R.T.: 9.786 min
Delta R.T.: -0.016 min
Response: 2758397
Conc: 21.36 ug/ml



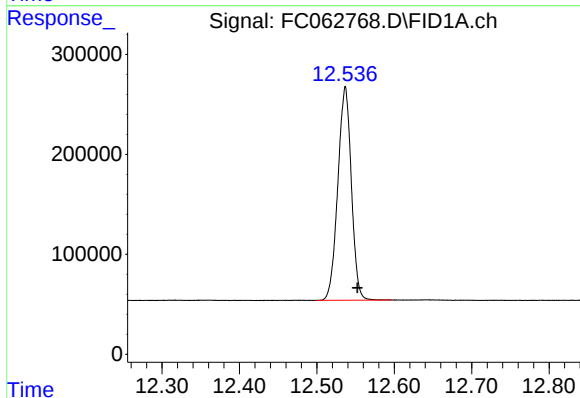
#8 n-Octadecane (C18)

R.T.: 11.227 min
Delta R.T.: -0.017 min
Response: 2745294
Conc: 21.20 ug/ml



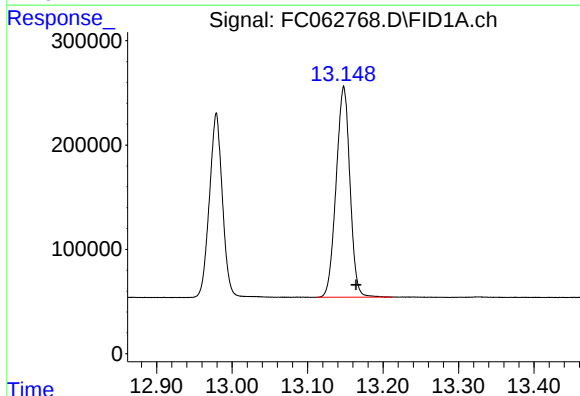
#9 ortho-Terphenyl (SURR)

R.T.: 11.540 min
Delta R.T.: -0.018 min
Response: 2942038
Conc: 20.82 ug/ml



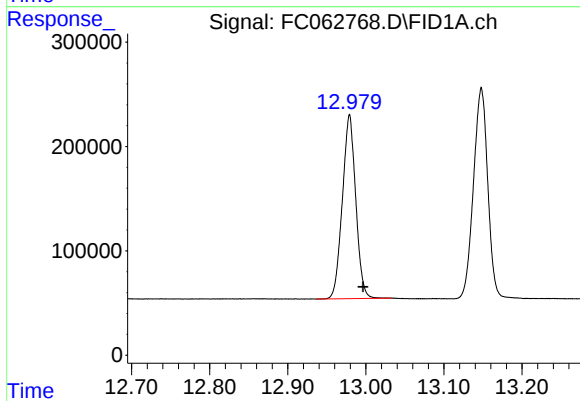
#10 n-Eicosane (C20)

R.T.: 12.537 min
Delta R.T.: -0.016 min
Response: 2593262
Conc: 21.01 ug/ml



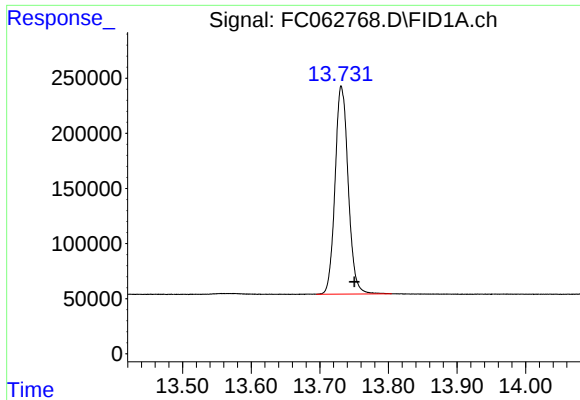
#11 n-Heneicosane (C21)

R.T.: 13.148 min
Delta R.T.: -0.016 min
Response: 2573334
Conc: 21.00 ug/ml



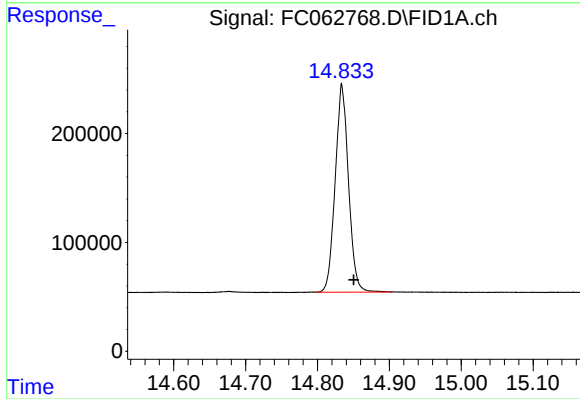
#12 1-chlorooctadecane (SURR)

R.T.: 12.979 min
Delta R.T.: -0.017 min
Response: 2097462
Conc: 19.91 ug/ml



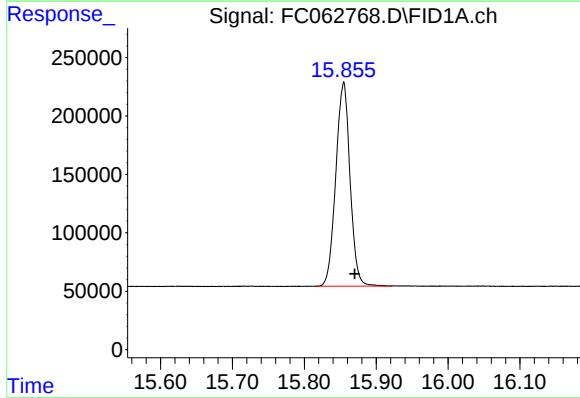
#13 n-Docosane (C22)

R.T.: 13.731 min
Delta R.T.: -0.019 min
Response: 2509138
Conc: 20.99 ug/ml



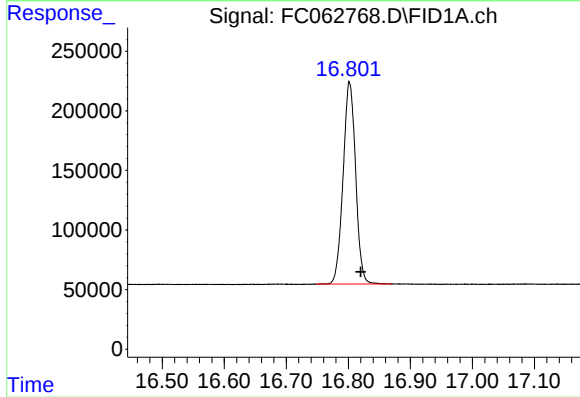
#14 n-Tetracosane (C24)

R.T.: 14.834 min
Delta R.T.: -0.017 min
Response: 2458254
Conc: 21.11 ug/ml



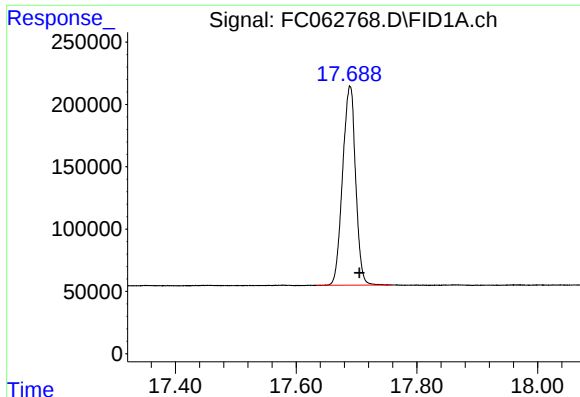
#15 n-Hexacosane (C26)

R.T.: 15.855 min
Delta R.T.: -0.015 min
Response: 2401587
Conc: 21.38 ug/ml



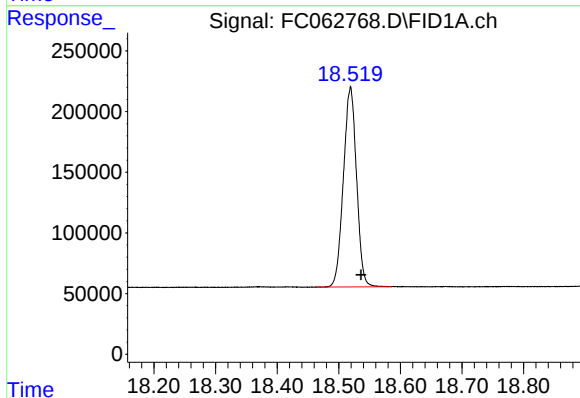
#16 n-Octacosane (C28)

R.T.: 16.802 min
Delta R.T.: -0.018 min
Response: 2381457
Conc: 21.69 ug/ml



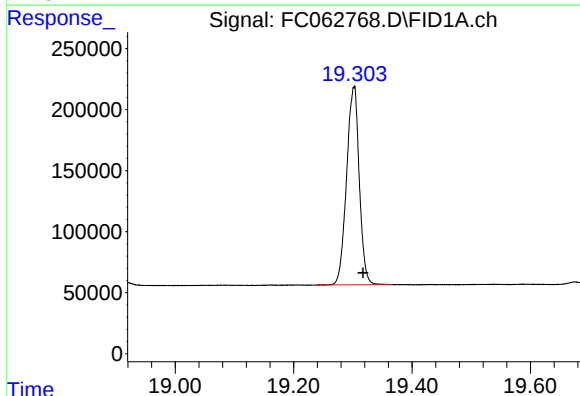
#17 n-Tricontane (C30)

R.T.: 17.689 min
Delta R.T.: -0.016 min
Response: 2391336
Conc: 22.08 ug/ml



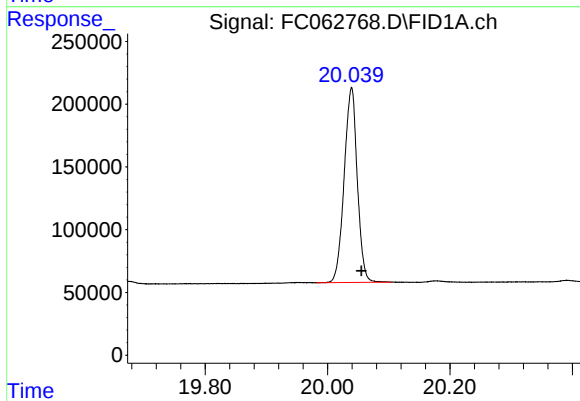
#18 n-Dotriacontane (C32)

R.T.: 18.519 min
Delta R.T.: -0.017 min
Response: 2436204
Conc: 22.32 ug/ml



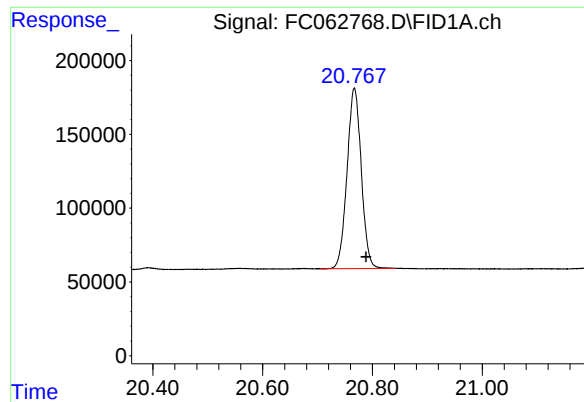
#19 n-Tetratriacontane (C34)

R.T.: 19.302 min
Delta R.T.: -0.015 min
Response: 2420187
Conc: 22.26 ug/ml



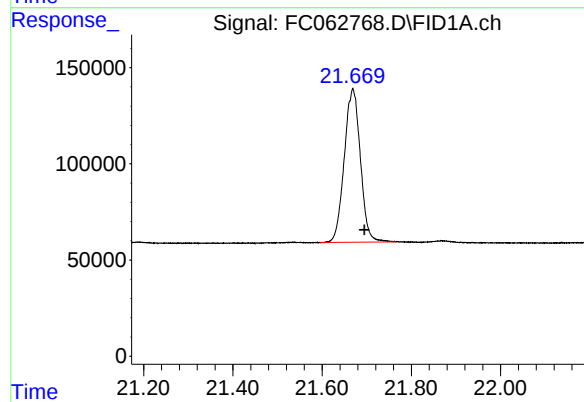
#20 n-Hexatriacontane (C36)

R.T.: 20.039 min
Delta R.T.: -0.016 min
Response: 2310684
Conc: 20.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.767 min
Delta R.T.: -0.021 min
Response: 2199549
Conc: 20.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.669 min
Delta R.T.: -0.026 min
Response: 1996436
Conc: 18.75 ug/ml