

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120624AL\
 Data File : FC067937.D
 Signal(s) : FID1A.ch
 Acq On : 06 Dec 2024 21:35
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 07 01:09:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 Qlast Update : Thu Nov 14 14:13:15 2024
 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)	11.471	3616397	18.653 ug/ml
Spiked Amount 50.000		Recovery =	37.31%
12) S 1-chlorooctadecane (S...	12.911	2688866	18.523 ug/ml
Spiked Amount 50.000		Recovery =	37.05%
Target Compounds			
1) T n-Nonane (C9)	3.252	3135797	19.225 ug/ml
2) T n-Decane (C10)	4.315	3221913	19.429 ug/ml
3) T A~Naphthalene (C11.7)	5.890	3563987	19.459 ug/ml
4) T n-Dodecane (C12)	6.330	3286255	19.511 ug/ml
5) T A~2-methylnaphthalene...	6.946	3465536	19.540 ug/ml
6) T n-Tetradecane (C14)	8.122	3277055	19.568 ug/ml
7) T n-Hexadecane (C16)	9.721	3349473	19.328 ug/ml
8) T n-Octadecane (C18)	11.161	3362686	19.113 ug/ml
10) T n-Eicosane (C20)	12.469	3159087	18.761 ug/ml
11) T n-Heneicosane (C21)	13.080	3071767	18.669 ug/ml
13) T n-Docosane (C22)	13.665	3025469	18.578 ug/ml
14) T n-Tetracosane (C24)	14.766	2939427	18.328 ug/ml
15) T n-Hexacosane (C26)	15.785	2839565	18.336 ug/ml
16) T n-Octacosane (C28)	16.734	2774153	18.369 ug/ml
17) T n-Tricontane (C30)	17.621	2829233	18.479 ug/ml
18) T n-Dotriacontane (C32)	18.450	2737812	18.537 ug/ml
19) T n-Tetratriacontane (C34)	19.234	2425032	19.226 ug/mlm
20) T n-Hexatriacontane (C36)	19.974	2046024	19.563 ug/mlm
21) T n-Octatriacontane (C38)	20.693	1942838	19.889 ug/ml
22) T n-Tetracontane (C40)	21.570	1845931	18.939 ug/ml

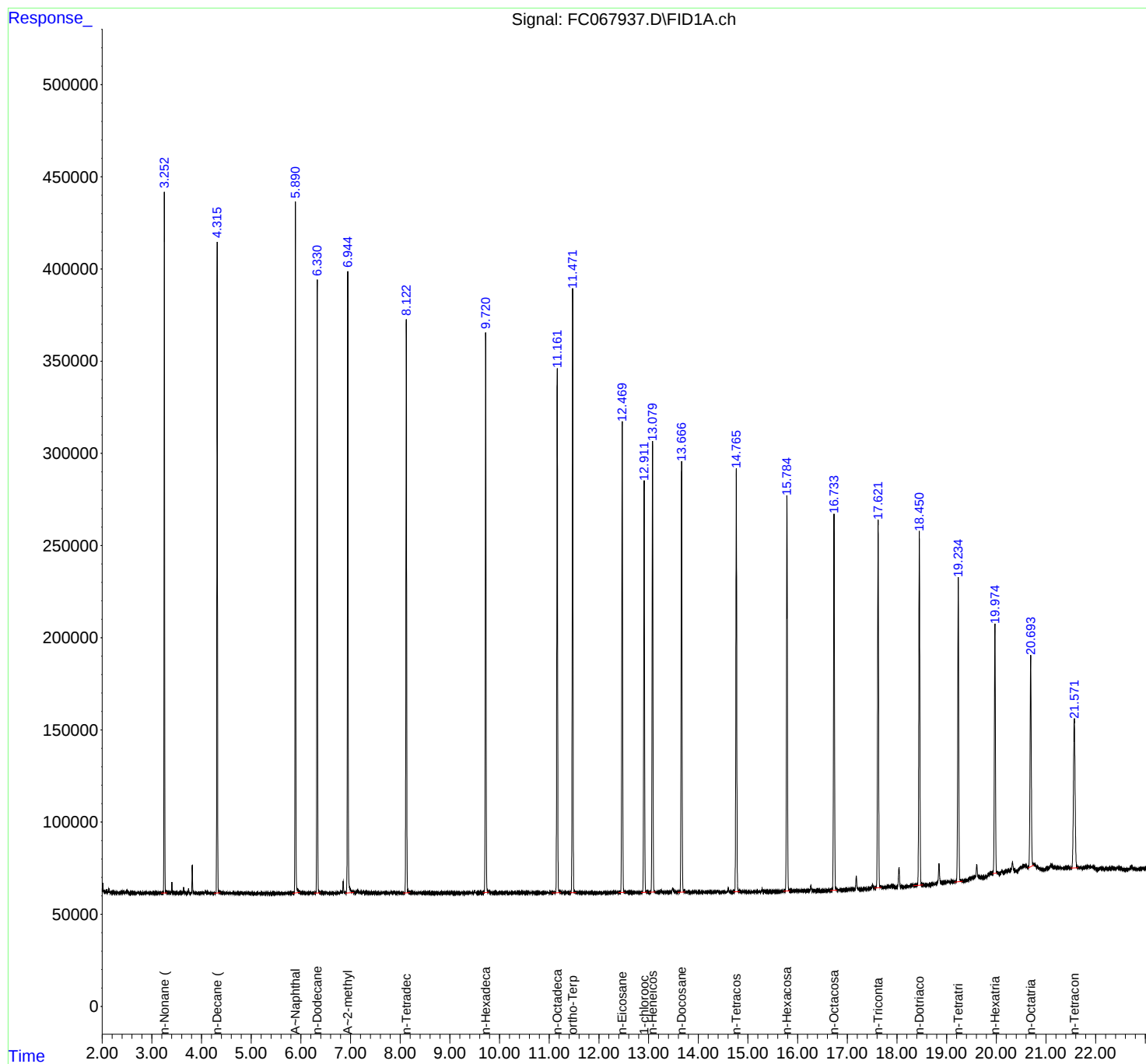
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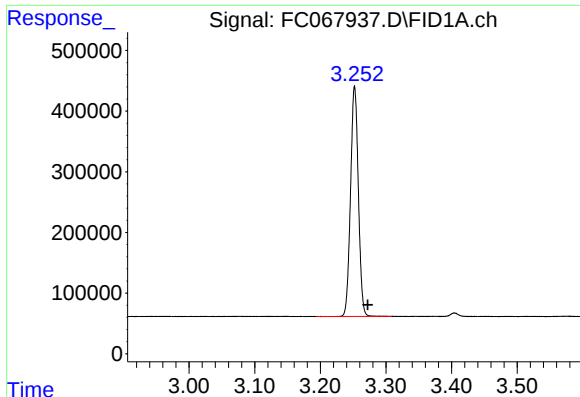
(m)=manual int.

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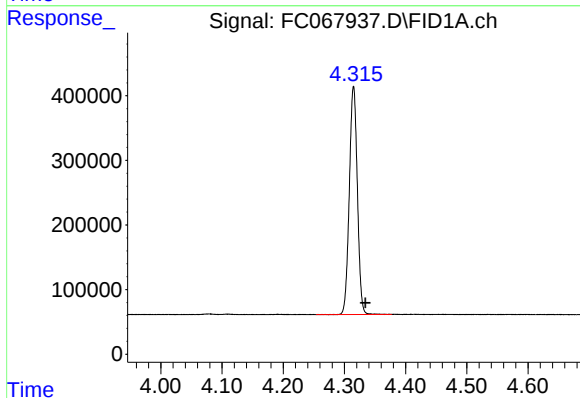
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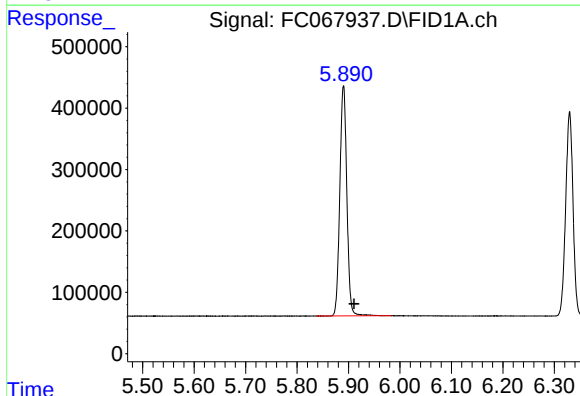
#1 n-Nonane (C9)

R.T.: 3.252 min
Delta R.T.: -0.020 min
Response: 3135797
Conc: 19.22 ug/ml



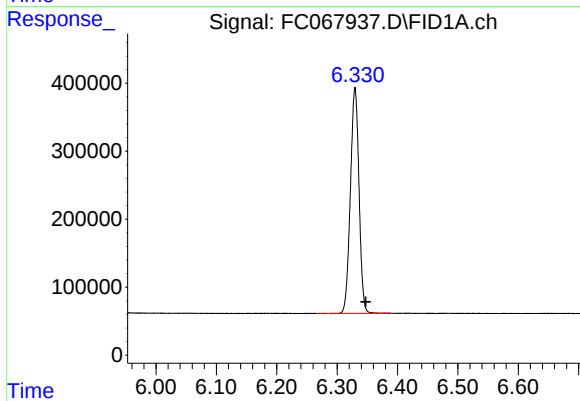
#2 n-Decane (C10)

R.T.: 4.315 min
Delta R.T.: -0.019 min
Response: 3221913
Conc: 19.43 ug/ml



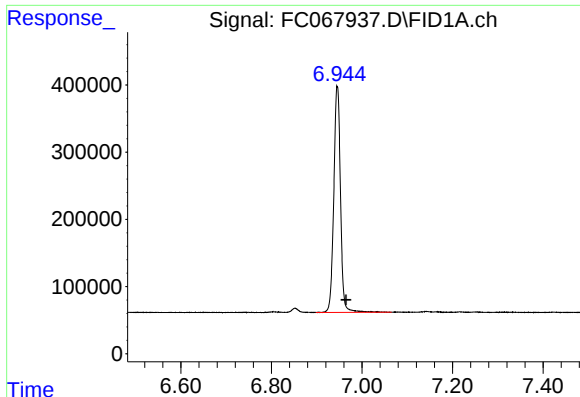
#3 A~Naphthalene (C11.7)

R.T.: 5.890 min
Delta R.T.: -0.021 min
Response: 3563987
Conc: 19.46 ug/ml



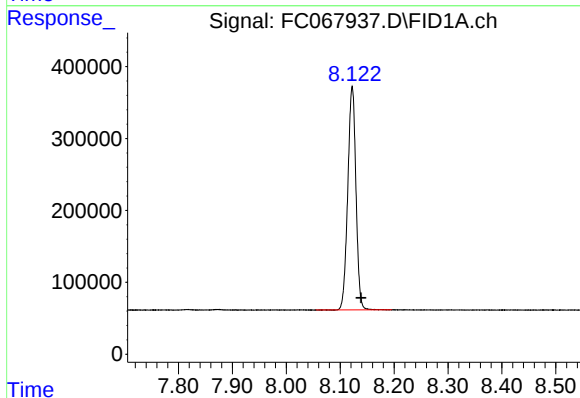
#4 n-Dodecane (C12)

R.T.: 6.330 min
Delta R.T.: -0.018 min
Response: 3286255
Conc: 19.51 ug/ml



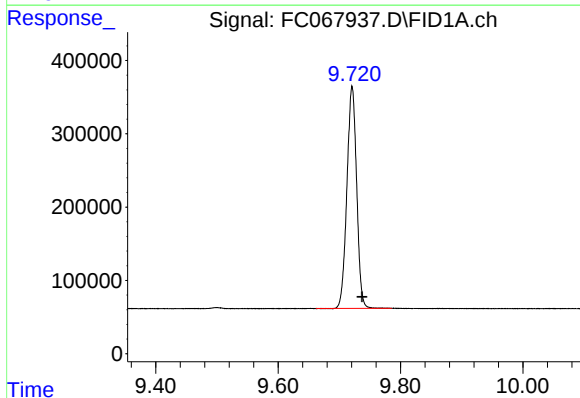
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.946 min
Delta R.T.: -0.019 min
Response: 3465536
Conc: 19.54 ug/ml



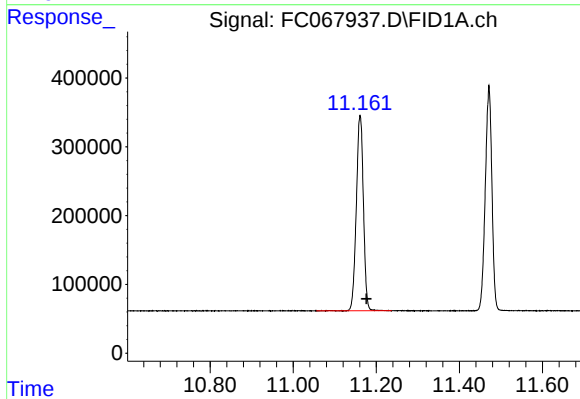
#6 n-Tetradecane (C14)

R.T.: 8.122 min
Delta R.T.: -0.017 min
Response: 3277055
Conc: 19.57 ug/ml



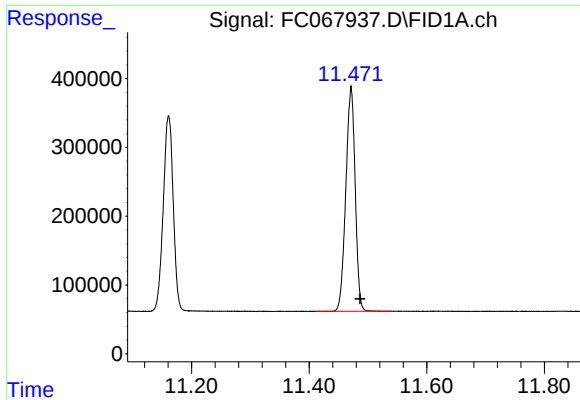
#7 n-Hexadecane (C16)

R.T.: 9.721 min
Delta R.T.: -0.016 min
Response: 3349473
Conc: 19.33 ug/ml



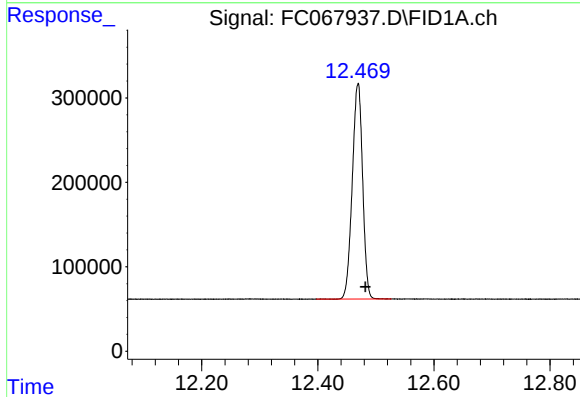
#8 n-Octadecane (C18)

R.T.: 11.161 min
Delta R.T.: -0.015 min
Response: 3362686
Conc: 19.11 ug/ml



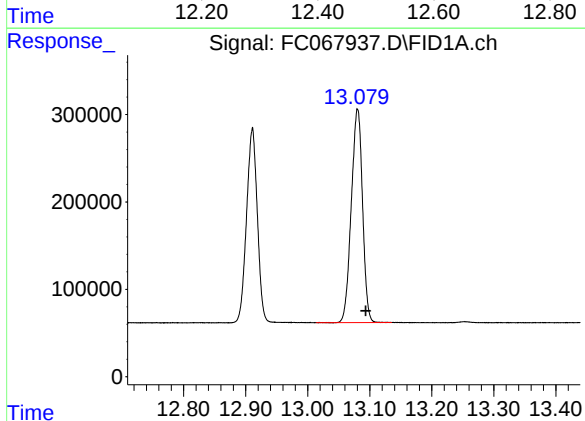
#9 ortho-Terphenyl (SURR)

R.T.: 11.471 min
Delta R.T.: -0.015 min
Response: 3616397
Conc: 18.65 ug/ml



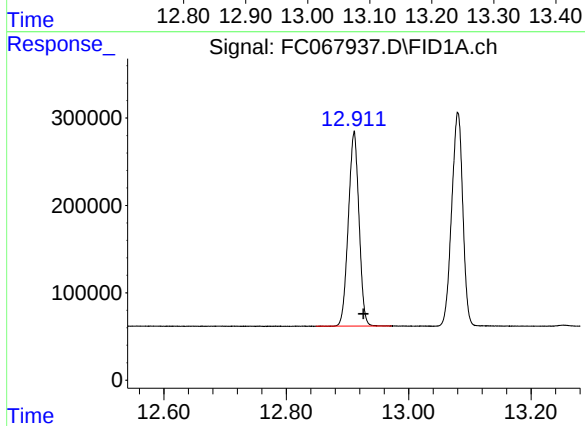
#10 n-Eicosane (C20)

R.T.: 12.469 min
Delta R.T.: -0.013 min
Response: 3159087
Conc: 18.76 ug/ml



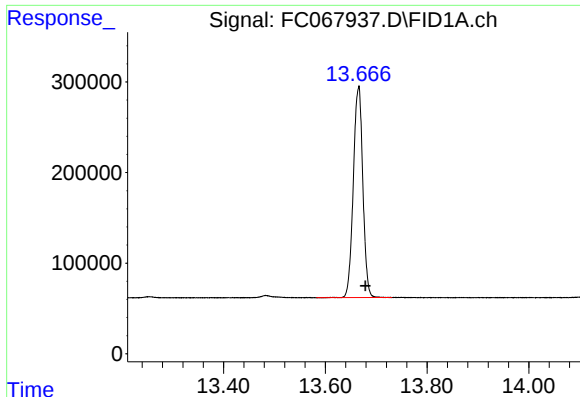
#11 n-Heneicosane (C21)

R.T.: 13.080 min
Delta R.T.: -0.013 min
Response: 3071767
Conc: 18.67 ug/ml



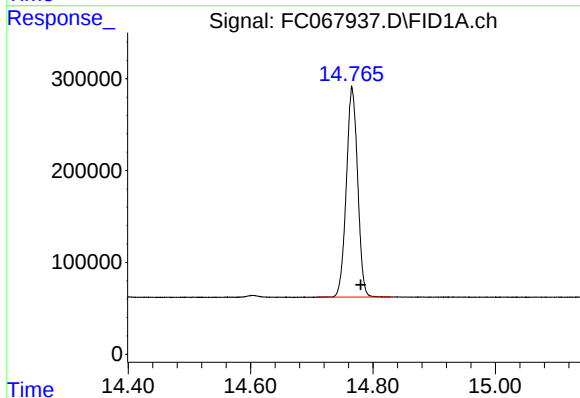
#12 1-chlorooctadecane (SURR)

R.T.: 12.911 min
Delta R.T.: -0.015 min
Response: 2688866
Conc: 18.52 ug/ml



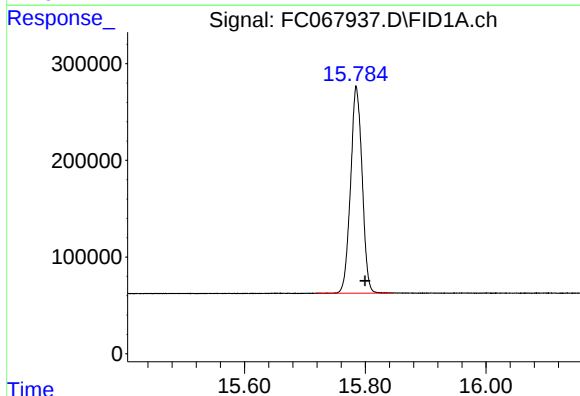
#13 n-Docosane (C22)

R.T.: 13.665 min
Delta R.T.: -0.014 min
Response: 3025469
Conc: 18.58 ug/ml



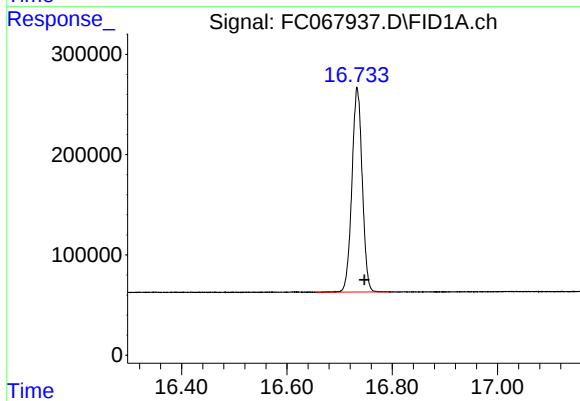
#14 n-Tetracosane (C24)

R.T.: 14.766 min
Delta R.T.: -0.014 min
Response: 2939427
Conc: 18.33 ug/ml



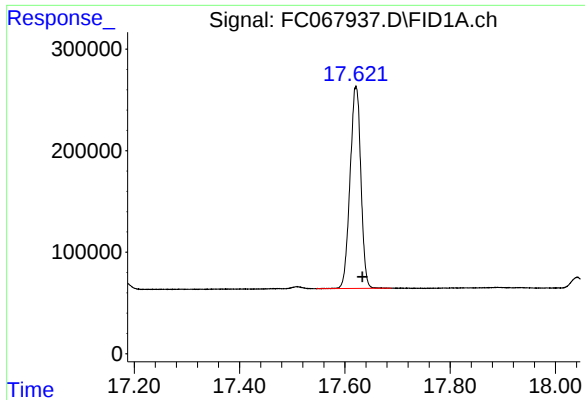
#15 n-Hexacosane (C26)

R.T.: 15.785 min
Delta R.T.: -0.014 min
Response: 2839565
Conc: 18.34 ug/ml



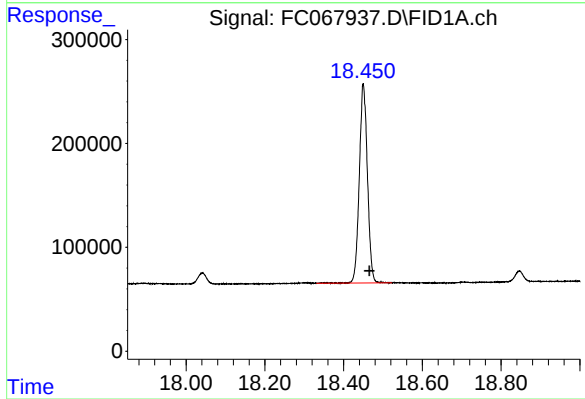
#16 n-Octacosane (C28)

R.T.: 16.734 min
Delta R.T.: -0.013 min
Response: 2774153
Conc: 18.37 ug/ml



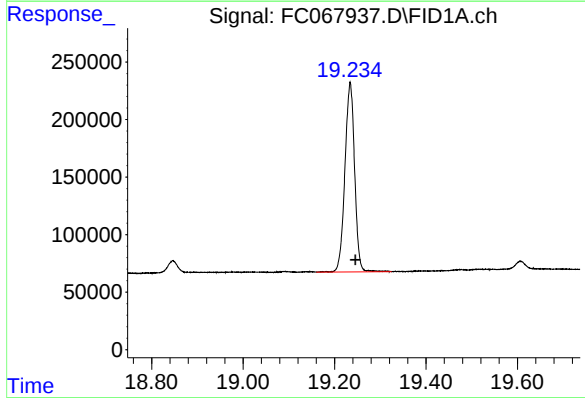
#17 n-Tricontane (C30)

R.T.: 17.621 min
Delta R.T.: -0.012 min
Response: 2829233
Conc: 18.48 ug/ml



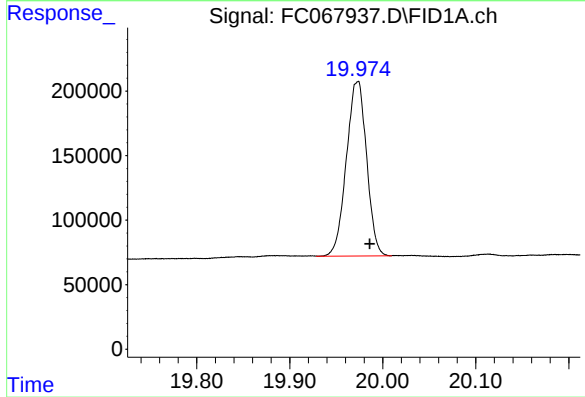
#18 n-Dotriacontane (C32)

R.T.: 18.450 min
Delta R.T.: -0.015 min
Response: 2737812
Conc: 18.54 ug/ml



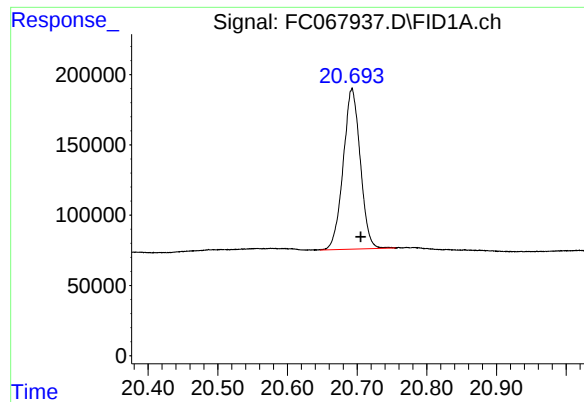
#19 n-Tetratriacontane (C34)

R.T.: 19.234 min
Delta R.T.: -0.012 min
Response: 2425032
Conc: 19.23 ug/ml m



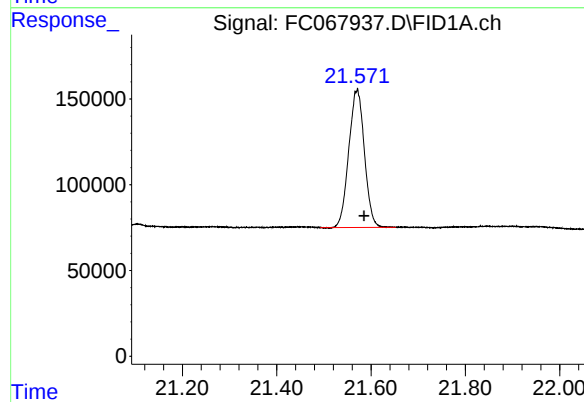
#20 n-Hexatriacontane (C36)

R.T.: 19.974 min
Delta R.T.: -0.012 min
Response: 2046024
Conc: 19.56 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.693 min
Delta R.T.: -0.013 min
Response: 1942838
Conc: 19.89 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.570 min
Delta R.T.: -0.015 min
Response: 1845931
Conc: 18.94 ug/ml