

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012623AL\
 Data File : FE040074.D
 Signal(s) : FID1B.ch
 Acq On : 26 Jan 2023 20:30
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 27 02:13:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 04:24:52 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)	11.904	2968880	19.333 ug/ml
Spiked Amount 50.000		Recovery =	38.67%
12) S 1-chlorooctadecane (S...	13.341	2276769	19.510 ug/ml
Spiked Amount 50.000		Recovery =	39.02%
Target Compounds			
1) T n-Nonane (C9)	3.298	2547968	20.073 ug/ml
2) T n-Decane (C10)	4.547	2518164	20.277 ug/ml
3) T A~Naphthalene (C11.7)	6.250	2795852	19.825 ug/ml
4) T n-Dodecane (C12)	6.711	2552159	20.299 ug/ml
5) T A~2-methylnaphthalene...	7.345	2603488	19.877 ug/ml
6) T n-Tetradecane (C14)	8.538	2606374	20.265 ug/ml
7) T n-Hexadecane (C16)	10.145	2700591	20.018 ug/ml
8) T n-Octadecane (C18)	11.587	2763190	19.719 ug/ml
10) T n-Eicosane (C20)	12.896	2702480	19.505 ug/ml
11) T n-Heneicosane (C21)	13.509	2696231	19.322 ug/ml
13) T n-Docosane (C22)	14.095	2690002	19.380 ug/ml
14) T n-Tetracosane (C24)	15.198	2725979	19.799 ug/ml
15) T n-Hexacosane (C26)	16.219	2627540	19.687 ug/ml
16) T n-Octacosane (C28)	17.170	2658726	20.424 ug/ml
17) T n-Tricontane (C30)	18.058	2670612	20.942 ug/ml
18) T n-Dotriacontane (C32)	18.892	2684462	21.234 ug/ml
19) T n-Tetratriacontane (C34)	19.676	2536487	20.527 ug/ml
20) T n-Hexatriacontane (C36)	20.417	2533058	21.485 ug/ml
21) T n-Octatriacontane (C38)	21.150	2316559	19.383 ug/ml
22) T n-Tetracontane (C40)	22.051	2486153	20.484 ug/ml

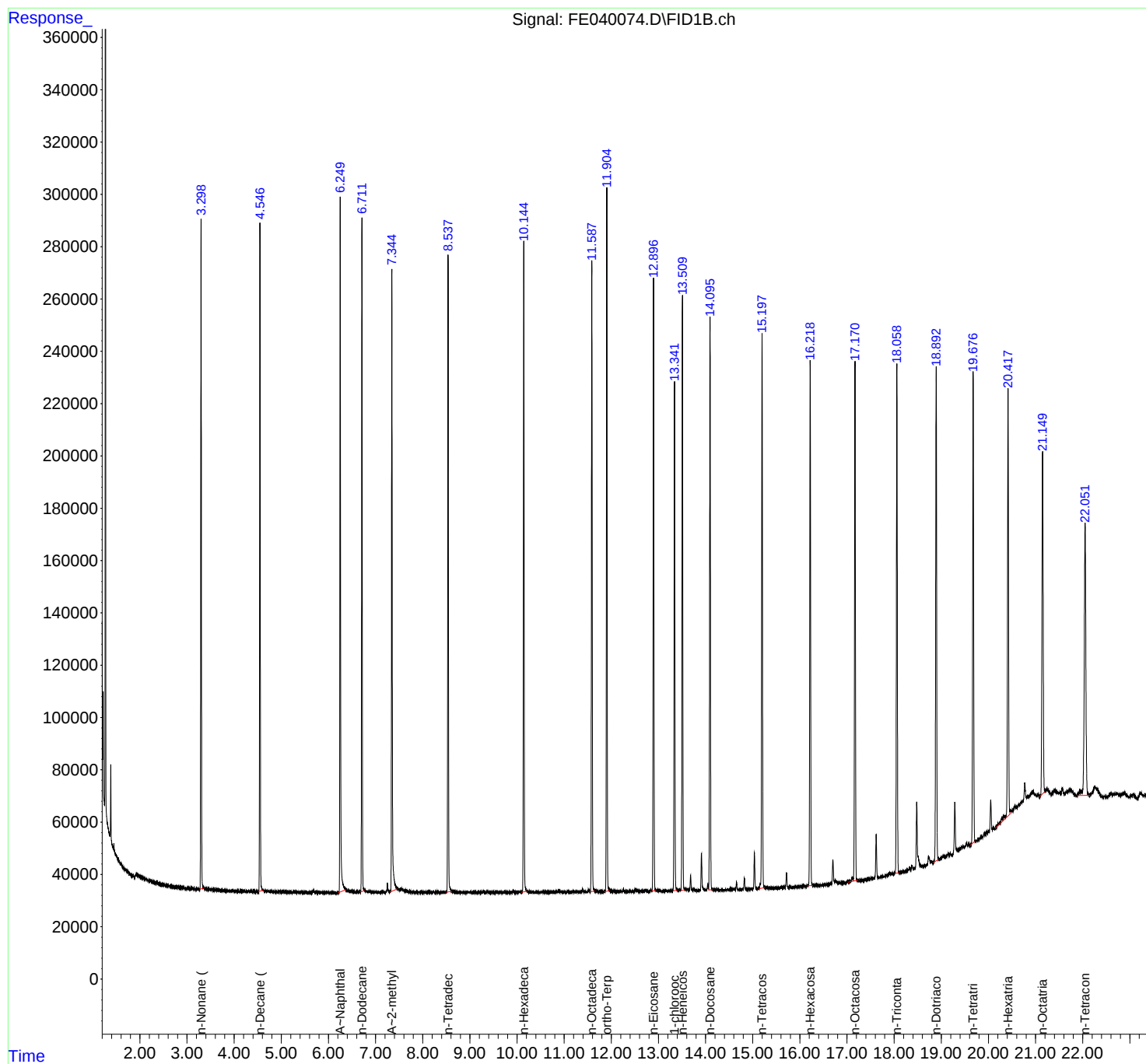
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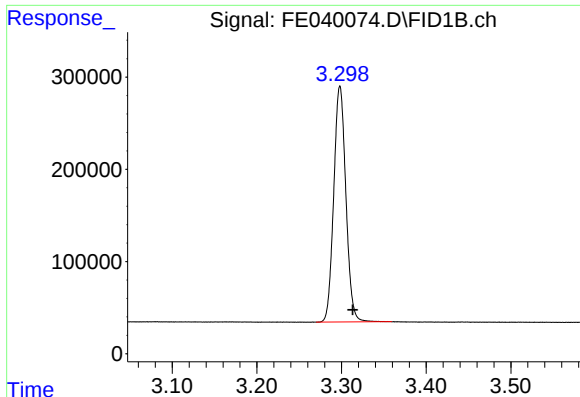
(m)=manual int.

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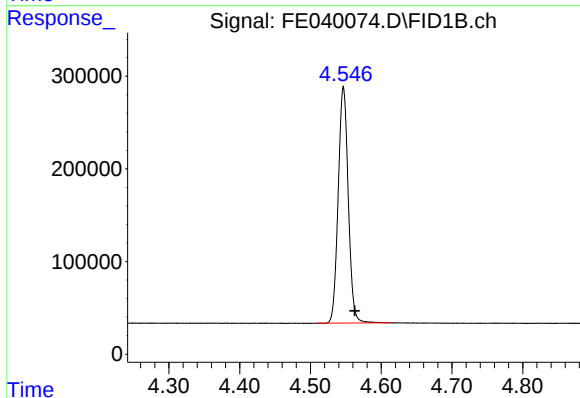
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Signal Info : 20M x 0.18mm x 0.18um





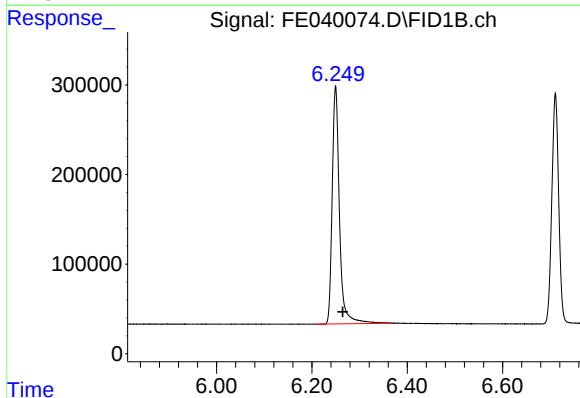
#1 n-Nonane (C9)

R.T.: 3.298 min
Delta R.T.: -0.015 min
Response: 2547968
Conc: 20.07 ug/ml



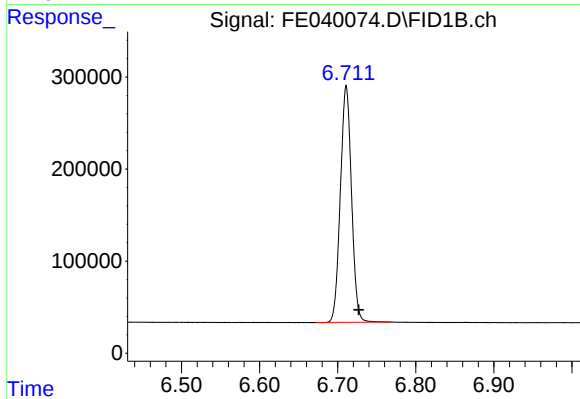
#2 n-Decane (C10)

R.T.: 4.547 min
Delta R.T.: -0.016 min
Response: 2518164
Conc: 20.28 ug/ml



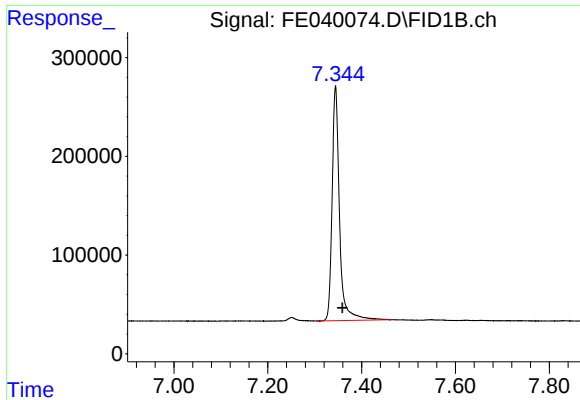
#3 A~Naphthalene (C11.7)

R.T.: 6.250 min
Delta R.T.: -0.015 min
Response: 2795852
Conc: 19.83 ug/ml



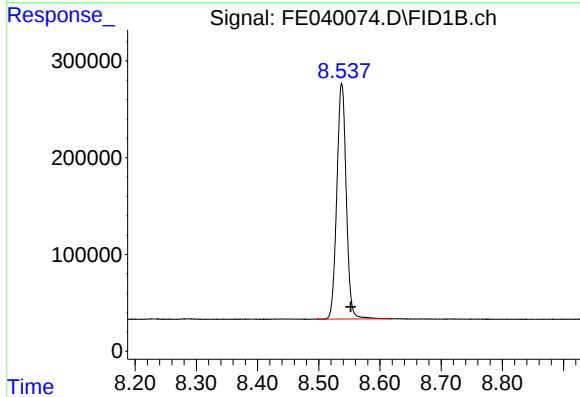
#4 n-Dodecane (C12)

R.T.: 6.711 min
Delta R.T.: -0.016 min
Response: 2552159
Conc: 20.30 ug/ml



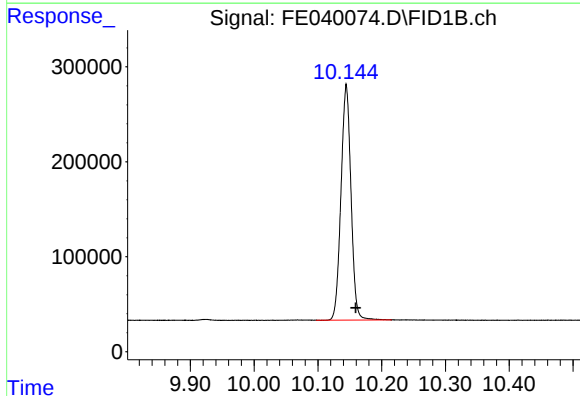
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.345 min
Delta R.T.: -0.015 min
Response: 2603488
Conc: 19.88 ug/ml



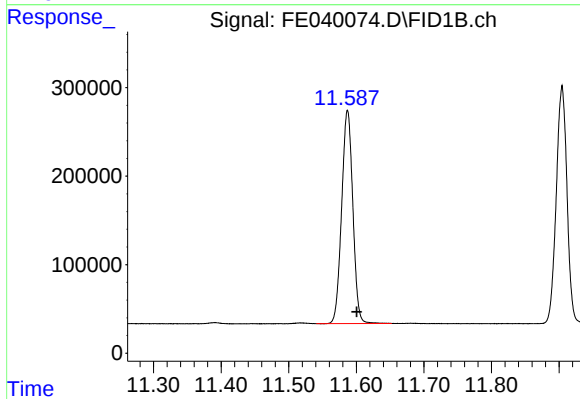
#6 n-Tetradecane (C14)

R.T.: 8.538 min
Delta R.T.: -0.015 min
Response: 2606374
Conc: 20.27 ug/ml



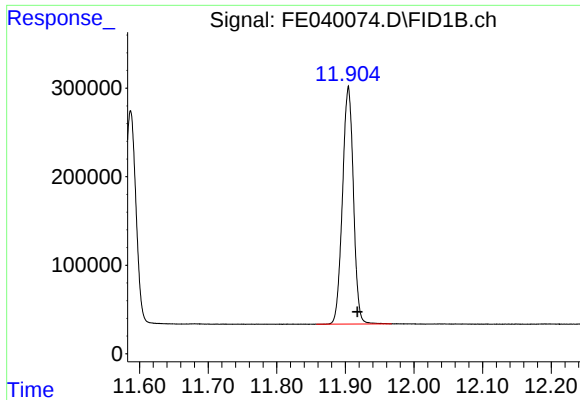
#7 n-Hexadecane (C16)

R.T.: 10.145 min
Delta R.T.: -0.014 min
Response: 2700591
Conc: 20.02 ug/ml



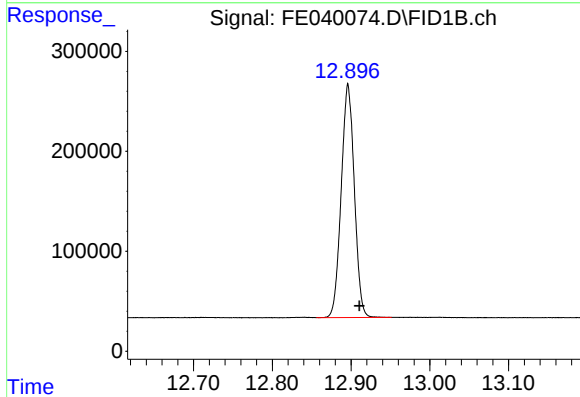
#8 n-Octadecane (C18)

R.T.: 11.587 min
Delta R.T.: -0.014 min
Response: 2763190
Conc: 19.72 ug/ml



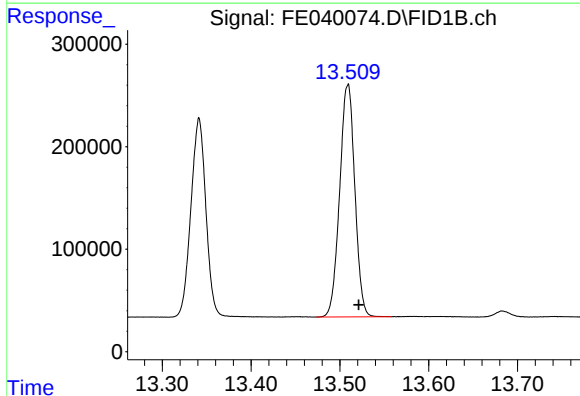
#9 ortho-Terphenyl (SURR)

R.T.: 11.904 min
Delta R.T.: -0.013 min
Response: 2968880
Conc: 19.33 ug/ml



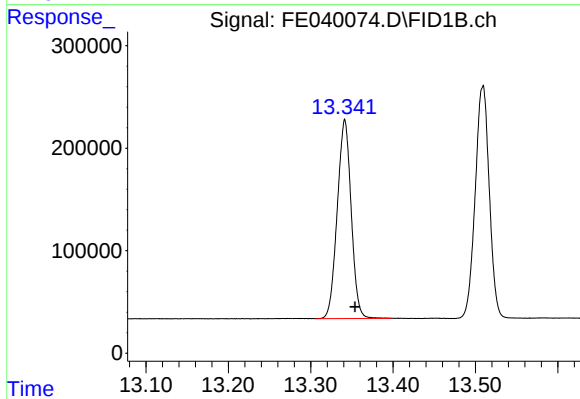
#10 n-Eicosane (C20)

R.T.: 12.896 min
Delta R.T.: -0.014 min
Response: 2702480
Conc: 19.51 ug/ml



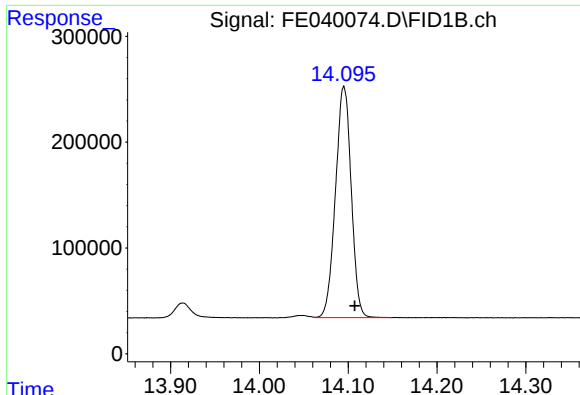
#11 n-Heneicosane (C21)

R.T.: 13.509 min
Delta R.T.: -0.012 min
Response: 2696231
Conc: 19.32 ug/ml



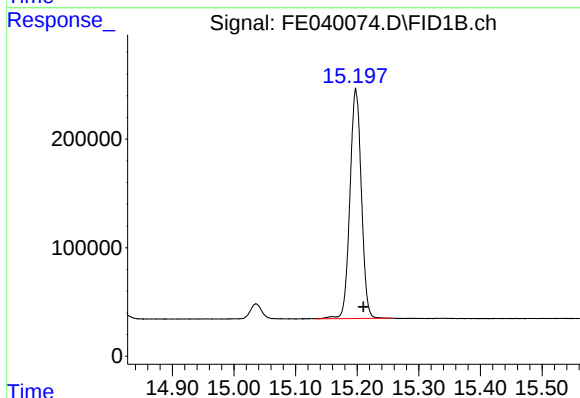
#12 1-chlorooctadecane (SURR)

R.T.: 13.341 min
Delta R.T.: -0.013 min
Response: 2276769
Conc: 19.51 ug/ml



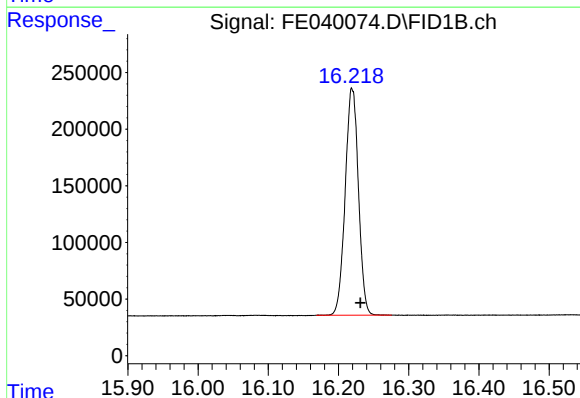
#13 n-Docosane (C22)

R.T.: 14.095 min
Delta R.T.: -0.012 min
Response: 2690002
Conc: 19.38 ug/ml



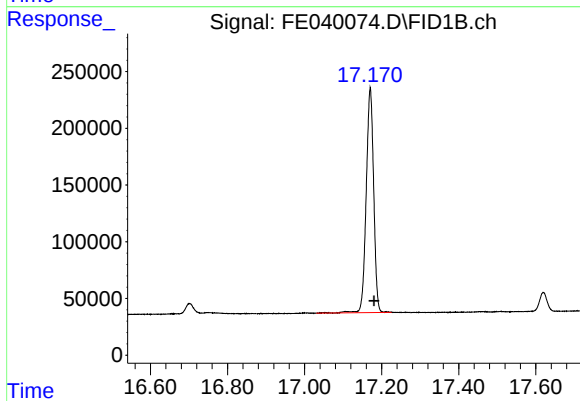
#14 n-Tetracosane (C24)

R.T.: 15.198 min
Delta R.T.: -0.012 min
Response: 2725979
Conc: 19.80 ug/ml



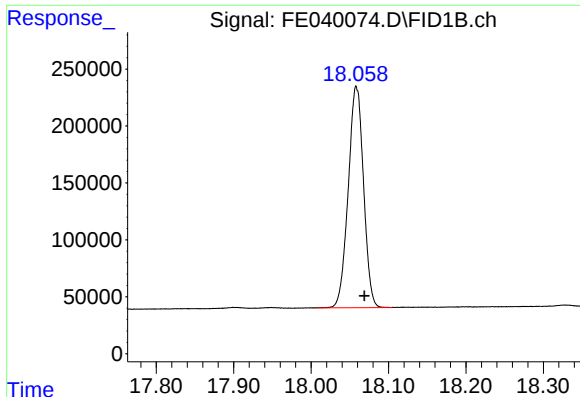
#15 n-Hexacosane (C26)

R.T.: 16.219 min
Delta R.T.: -0.012 min
Response: 2627540
Conc: 19.69 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.170 min
Delta R.T.: -0.010 min
Response: 2658726
Conc: 20.42 ug/ml



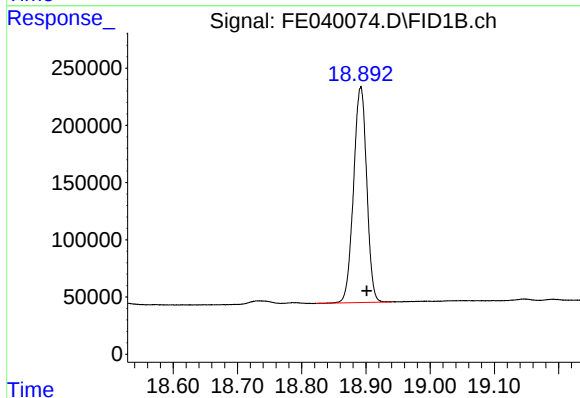
#17 n-Tricontane (C30)

R.T.: 18.058 min

Delta R.T.: -0.010 min

Response: 2670612

Conc: 20.94 ug/ml



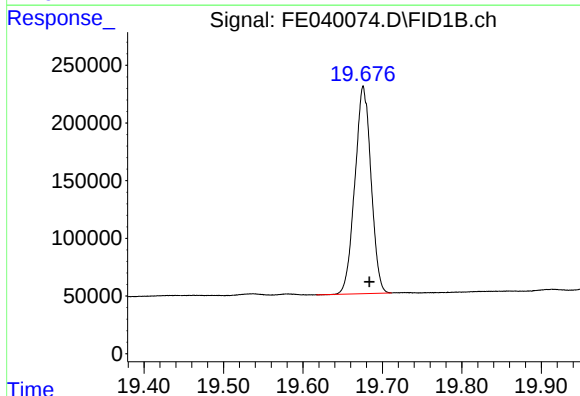
#18 n-Dotriacontane (C32)

R.T.: 18.892 min

Delta R.T.: -0.010 min

Response: 2684462

Conc: 21.23 ug/ml



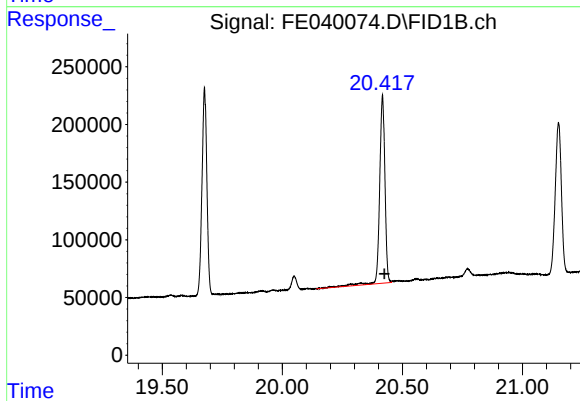
#19 n-Tetratriacontane (C34)

R.T.: 19.676 min

Delta R.T.: -0.008 min

Response: 2536487

Conc: 20.53 ug/ml



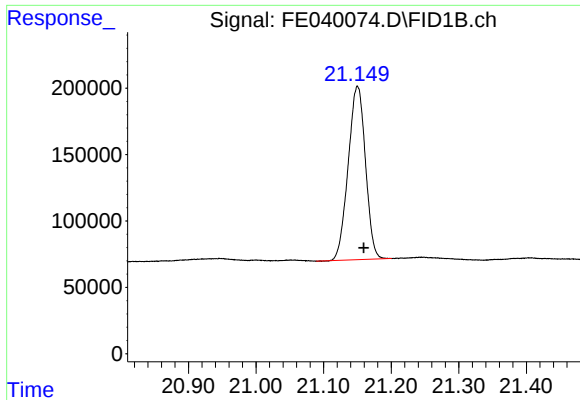
#20 n-Hexatriacontane (C36)

R.T.: 20.417 min

Delta R.T.: -0.008 min

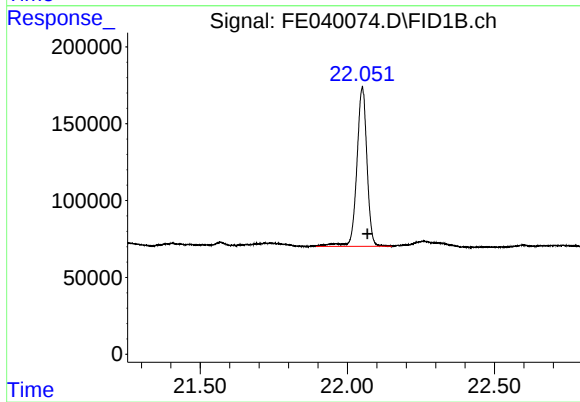
Response: 2533058

Conc: 21.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.150 min
Delta R.T.: -0.009 min
Response: 2316559
Conc: 19.38 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.051 min
Delta R.T.: -0.017 min
Response: 2486153
Conc: 20.48 ug/ml