

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091622AL\
 Data File : FE037616.D
 Signal(s) : FID1B.ch
 Acq On : 16 Sep 2022 09:53
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 16 11:02:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 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)	11.625	2820922	16.693 ug/ml
Spiked Amount 50.000		Recovery =	33.39%
12) S 1-chlorooctadecane (S...	13.048	2084455	16.196 ug/ml
Spiked Amount 50.000		Recovery =	32.39%
Target Compounds			
1) T n-Nonane (C9)	3.022	2474888	16.175 ug/ml
2) T n-Decane (C10)	4.280	2622369	17.009 ug/ml
3) T A~Naphthalene (C11.7)	5.995	2548138	17.687 ug/ml
4) T n-Dodecane (C12)	6.451	2713417	17.159 ug/ml
5) T A~2-methylnaphthalene...	7.088	2519389	18.045 ug/ml
6) T n-Tetradecane (C14)	9.869	2754055	17.381 ug/ml
7) T n-Hexadecane (C16)	9.869	2754055	17.381 ug/ml
8) T n-Octadecane (C18)	11.303	2726221	17.120 ug/ml
10) T n-Eicosane (C20)	12.606	2639733	16.684 ug/ml
11) T n-Heneicosane (C21)	13.214	2588480	16.415 ug/ml
13) T n-Docosane (C22)	13.797	2540675	16.321 ug/ml
14) T n-Tetracosane (C24)	14.895	2452492	16.306 ug/ml
15) T n-Hexacosane (C26)	15.911	2357881	16.283 ug/ml
16) T n-Octacosane (C28)	16.856	2394462	17.284 ug/ml
17) T n-Tricontane (C30)	17.739	2676999	19.679 ug/ml
18) T n-Dotriacontane (C32)	18.566	2773373	20.769 ug/ml
19) T n-Tetratriacontane (C34)	19.346	2537632	20.056 ug/ml
20) T n-Hexatriacontane (C36)	20.080	2403873	18.691 ug/mlm
21) T n-Octatriacontane (C38)	20.778	2483050	19.951 ug/mlm
22) T n-Tetracontane (C40)	21.552	2388024	18.524 ug/mlm

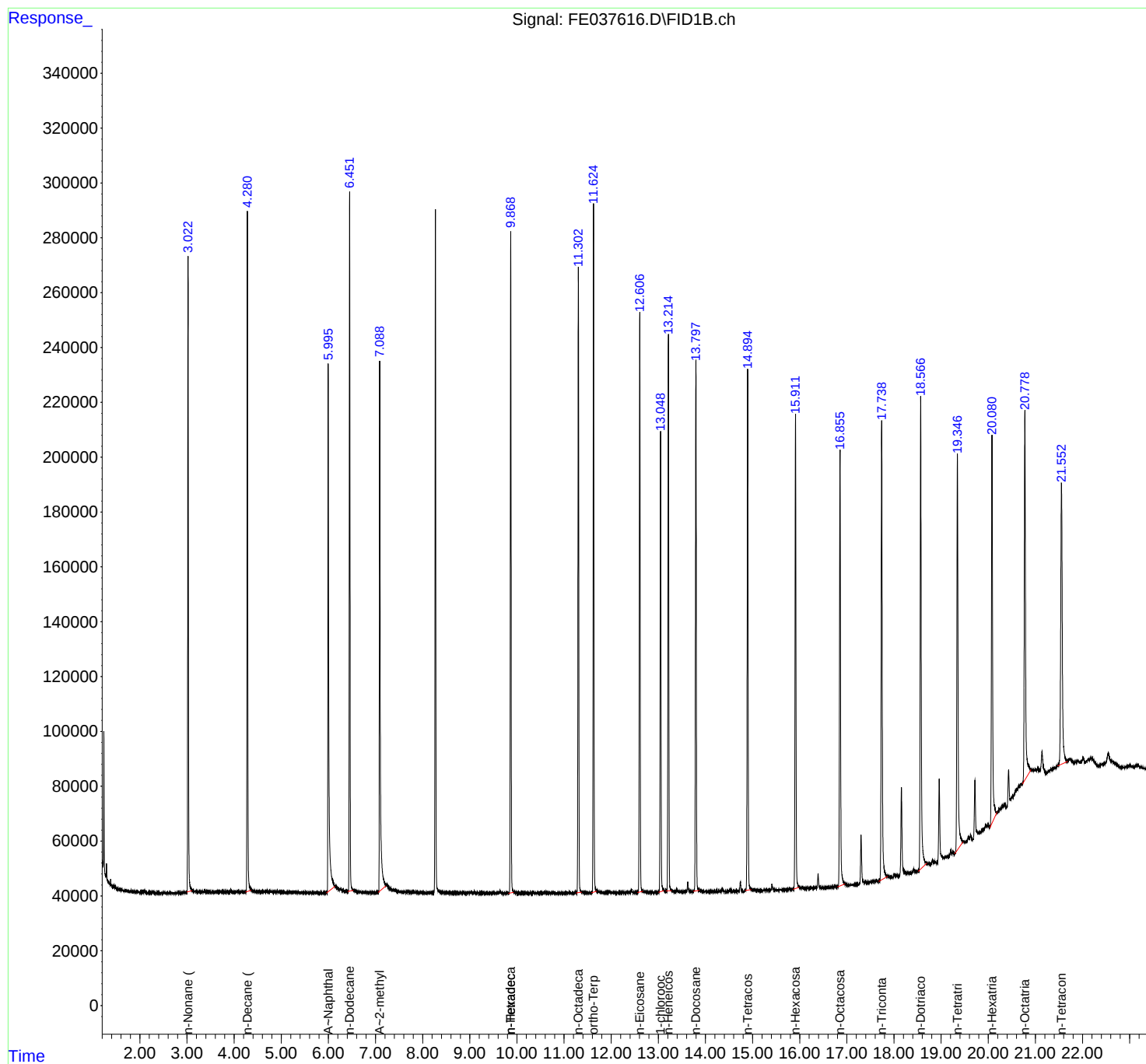
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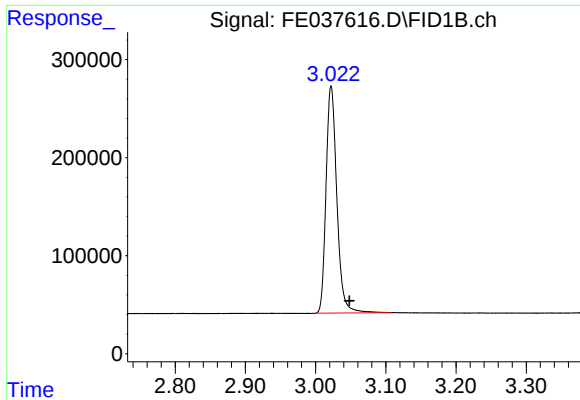
(m)=manual int.

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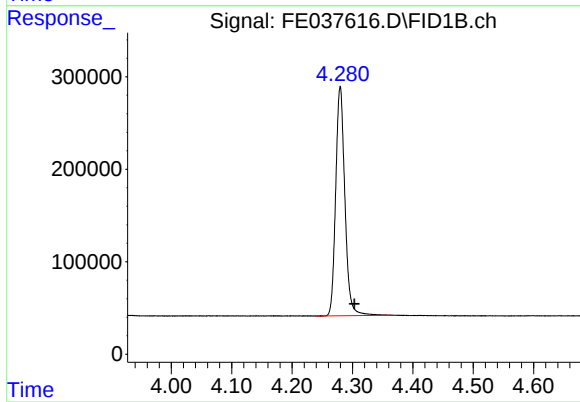
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





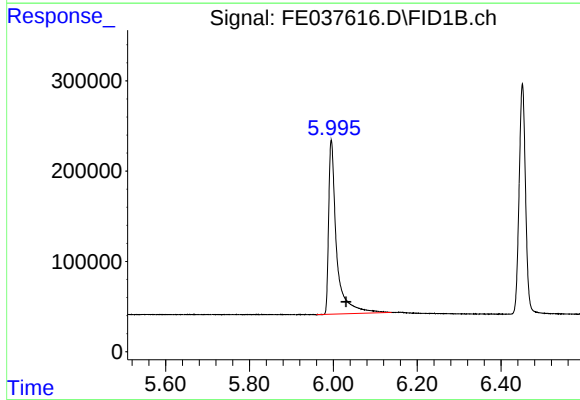
#1 n-Nonane (C9)

R.T.: 3.022 min
Delta R.T.: -0.026 min
Response: 2474888
Conc: 16.18 ug/ml



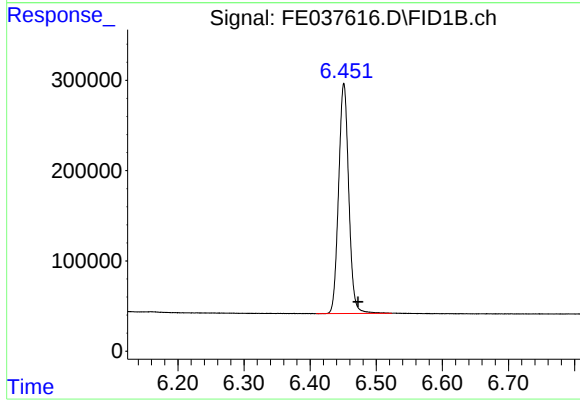
#2 n-Decane (C10)

R.T.: 4.280 min
Delta R.T.: -0.023 min
Response: 2622369
Conc: 17.01 ug/ml



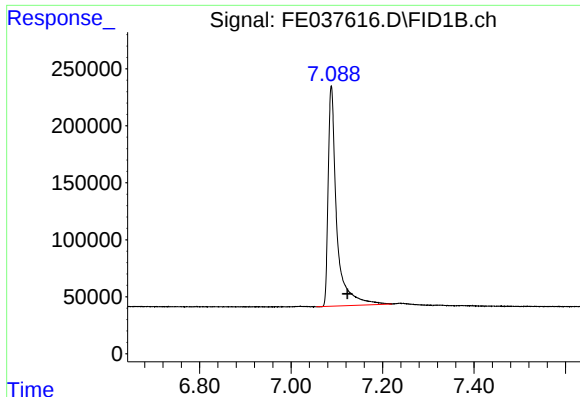
#3 A~Naphthalene (C11.7)

R.T.: 5.995 min
Delta R.T.: -0.035 min
Response: 2548138
Conc: 17.69 ug/ml



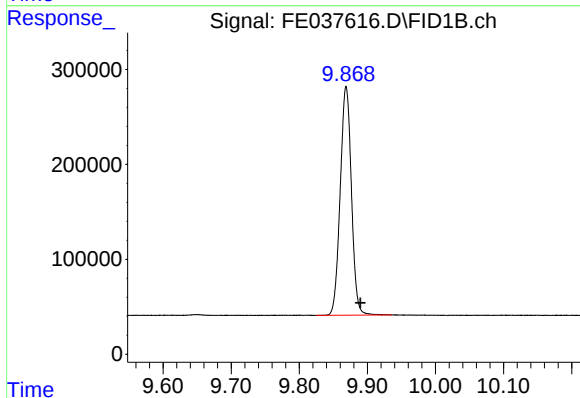
#4 n-Dodecane (C12)

R.T.: 6.451 min
Delta R.T.: -0.021 min
Response: 2713417
Conc: 17.16 ug/ml



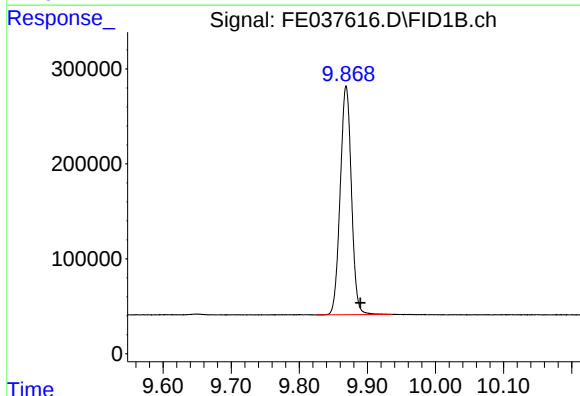
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.088 min
Delta R.T.: -0.035 min
Response: 2519389
Conc: 18.05 ug/ml



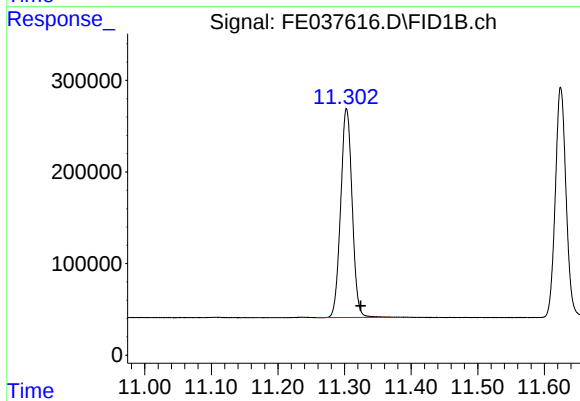
#6 n-Tetradecane (C14)

R.T.: 9.869 min
Delta R.T.: -0.021 min
Response: 2754055
Conc: 17.38 ug/ml



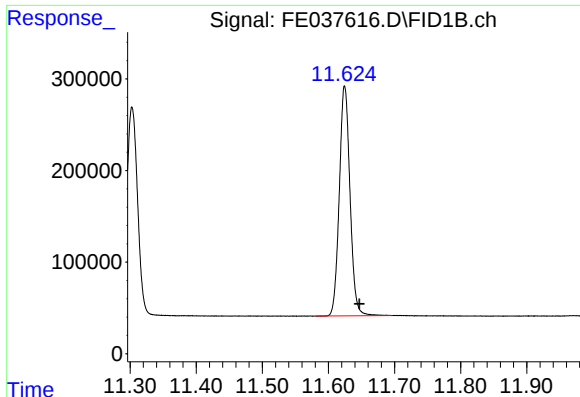
#7 n-Hexadecane (C16)

R.T.: 9.869 min
Delta R.T.: -0.021 min
Response: 2754055
Conc: 17.38 ug/ml



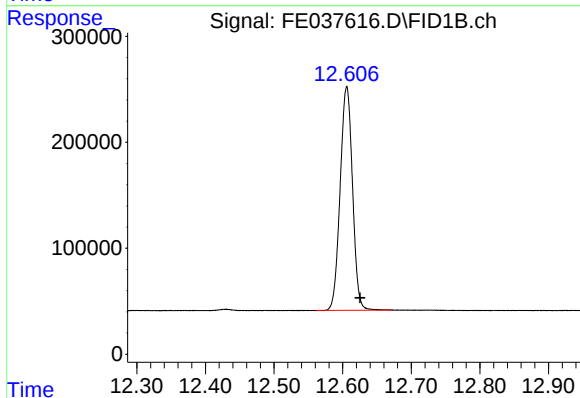
#8 n-Octadecane (C18)

R.T.: 11.303 min
Delta R.T.: -0.021 min
Response: 2726221
Conc: 17.12 ug/ml



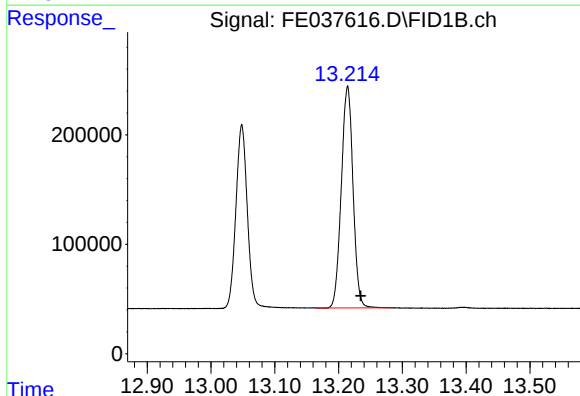
#9 ortho-Terphenyl (SURR)

R.T.: 11.625 min
Delta R.T.: -0.022 min
Response: 2820922
Conc: 16.69 ug/ml



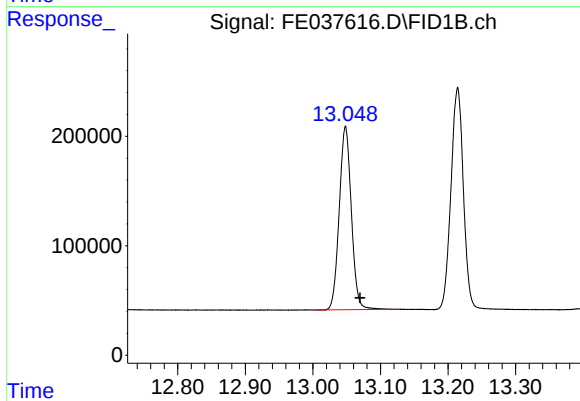
#10 n-Eicosane (C20)

R.T.: 12.606 min
Delta R.T.: -0.019 min
Response: 2639733
Conc: 16.68 ug/ml



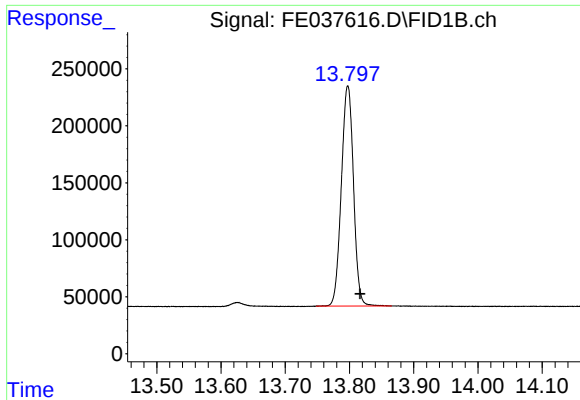
#11 n-Heneicosane (C21)

R.T.: 13.214 min
Delta R.T.: -0.021 min
Response: 2588480
Conc: 16.42 ug/ml



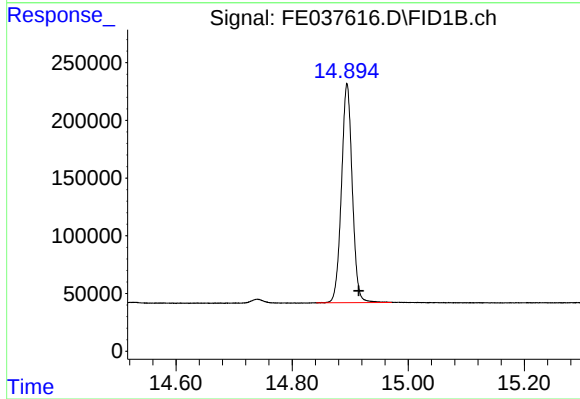
#12 1-chlorooctadecane (SURR)

R.T.: 13.048 min
Delta R.T.: -0.021 min
Response: 2084455
Conc: 16.20 ug/ml



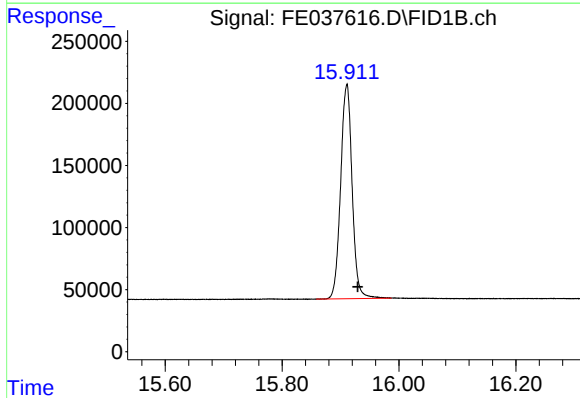
#13 n-Docosane (C22)

R.T.: 13.797 min
Delta R.T.: -0.019 min
Response: 2540675
Conc: 16.32 ug/ml



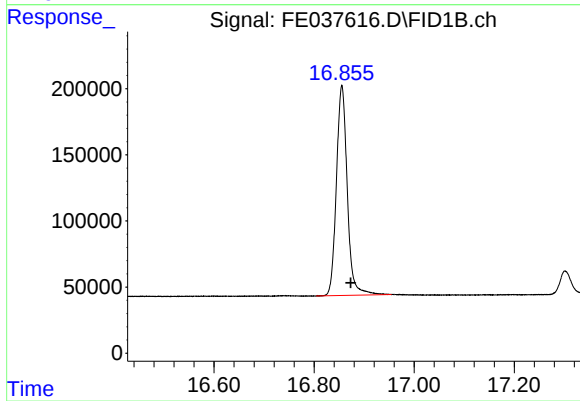
#14 n-Tetracosane (C24)

R.T.: 14.895 min
Delta R.T.: -0.020 min
Response: 2452492
Conc: 16.31 ug/ml



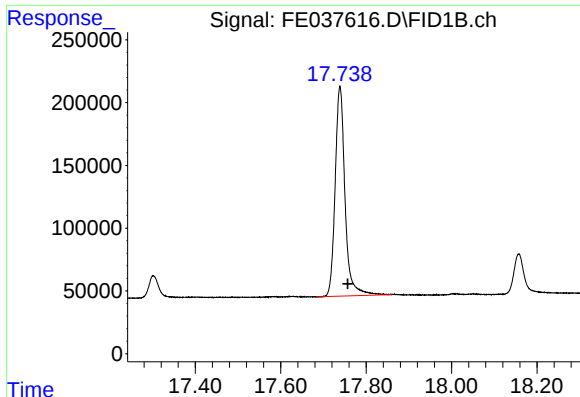
#15 n-Hexacosane (C26)

R.T.: 15.911 min
Delta R.T.: -0.019 min
Response: 2357881
Conc: 16.28 ug/ml



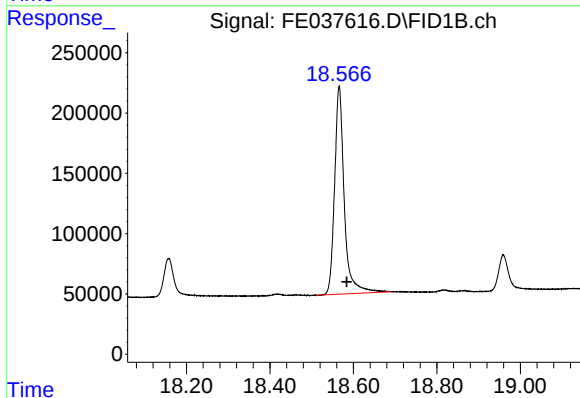
#16 n-Octacosane (C28)

R.T.: 16.856 min
Delta R.T.: -0.018 min
Response: 2394462
Conc: 17.28 ug/ml



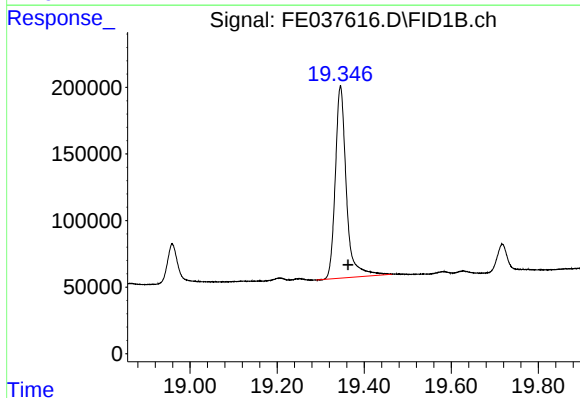
#17 n-Tricontane (C30)

R.T.: 17.739 min
Delta R.T.: -0.018 min
Response: 2676999
Conc: 19.68 ug/ml



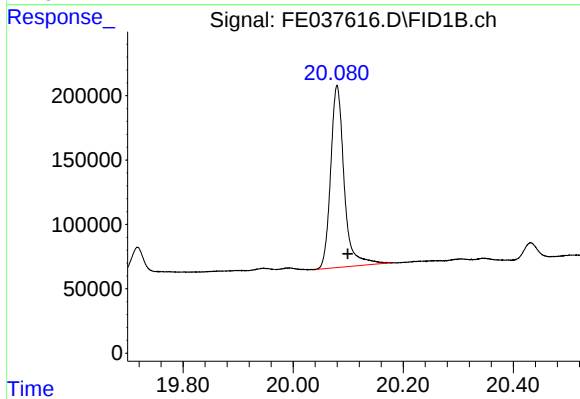
#18 n-Dotriacontane (C32)

R.T.: 18.566 min
Delta R.T.: -0.018 min
Response: 2773373
Conc: 20.77 ug/ml



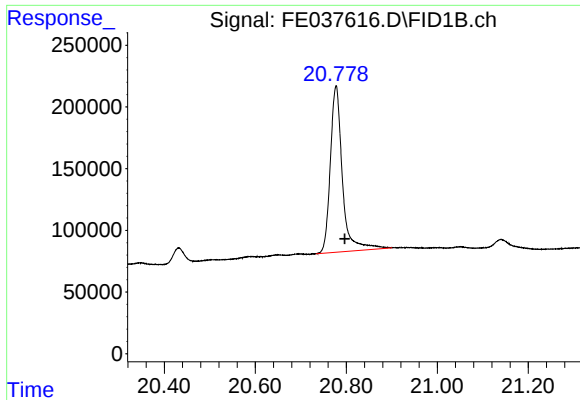
#19 n-Tetratriacontane (C34)

R.T.: 19.346 min
Delta R.T.: -0.018 min
Response: 2537632
Conc: 20.06 ug/ml



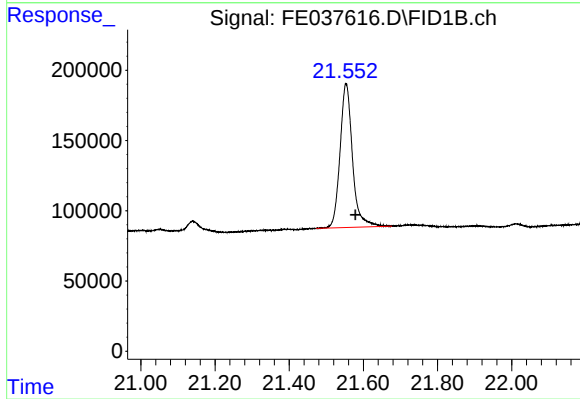
#20 n-Hexatriacontane (C36)

R.T.: 20.080 min
Delta R.T.: -0.020 min
Response: 2403873
Conc: 18.69 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.778 min
Delta R.T.: -0.019 min
Response: 2483050
Conc: 19.95 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.552 min
Delta R.T.: -0.026 min
Response: 2388024
Conc: 18.52 ug/ml m