

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082322AL\
 Data File : FE037219.D
 Signal(s) : FID1B.ch
 Acq On : 24 Aug 2022 00:05
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 24 04:07:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 24 02:57:21 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)	11.682	3524313	20.393 ug/ml
Spiked Amount 50.000		Recovery =	40.79%
12) S 1-chlorooctadecane (S...	13.101	2762576	20.219 ug/ml
Spiked Amount 50.000		Recovery =	40.44%
Target Compounds			
1) T n-Nonane (C9)	3.072	3085527	20.711 ug/ml
2) T n-Decane (C10)	4.328	3122012	20.842 ug/ml
3) T A~Naphthalene (C11.7)	6.050	3090816	21.351 ug/ml
4) T n-Dodecane (C12)	6.497	3206909	20.744 ug/ml
5) T A~2-methylnaphthalene...	7.143	2957004	21.375 ug/ml
6) T n-Tetradecane (C14)	9.917	3263179	20.747 ug/ml
7) T n-Hexadecane (C16)	9.917	3263179	20.747 ug/ml
8) T n-Octadecane (C18)	11.354	3300215	20.478 ug/ml
10) T n-Eicosane (C20)	12.657	3318017	20.151 ug/ml
11) T n-Heneicosane (C21)	13.265	3328446	20.122 ug/ml
13) T n-Docosane (C22)	13.848	3309673	19.923 ug/ml
14) T n-Tetracosane (C24)	14.946	3242887	19.644 ug/ml
15) T n-Hexacosane (C26)	15.962	3149471	19.317 ug/ml
16) T n-Octacosane (C28)	16.907	3012174	18.970 ug/ml
17) T n-Tricontane (C30)	17.790	2917485	18.784 ug/mlm
18) T n-Dotriacontane (C32)	18.618	2791895	18.717 ug/mlm
19) T n-Tetratriacontane (C34)	19.399	2568132	19.113 ug/mlm
20) T n-Hexatriacontane (C36)	20.133	2516084	19.599 ug/mlm
21) T n-Octatriacontane (C38)	20.835	2450653	20.414 ug/mlm
22) T n-Tetracontane (C40)	21.630	2372106	19.640 ug/mlm

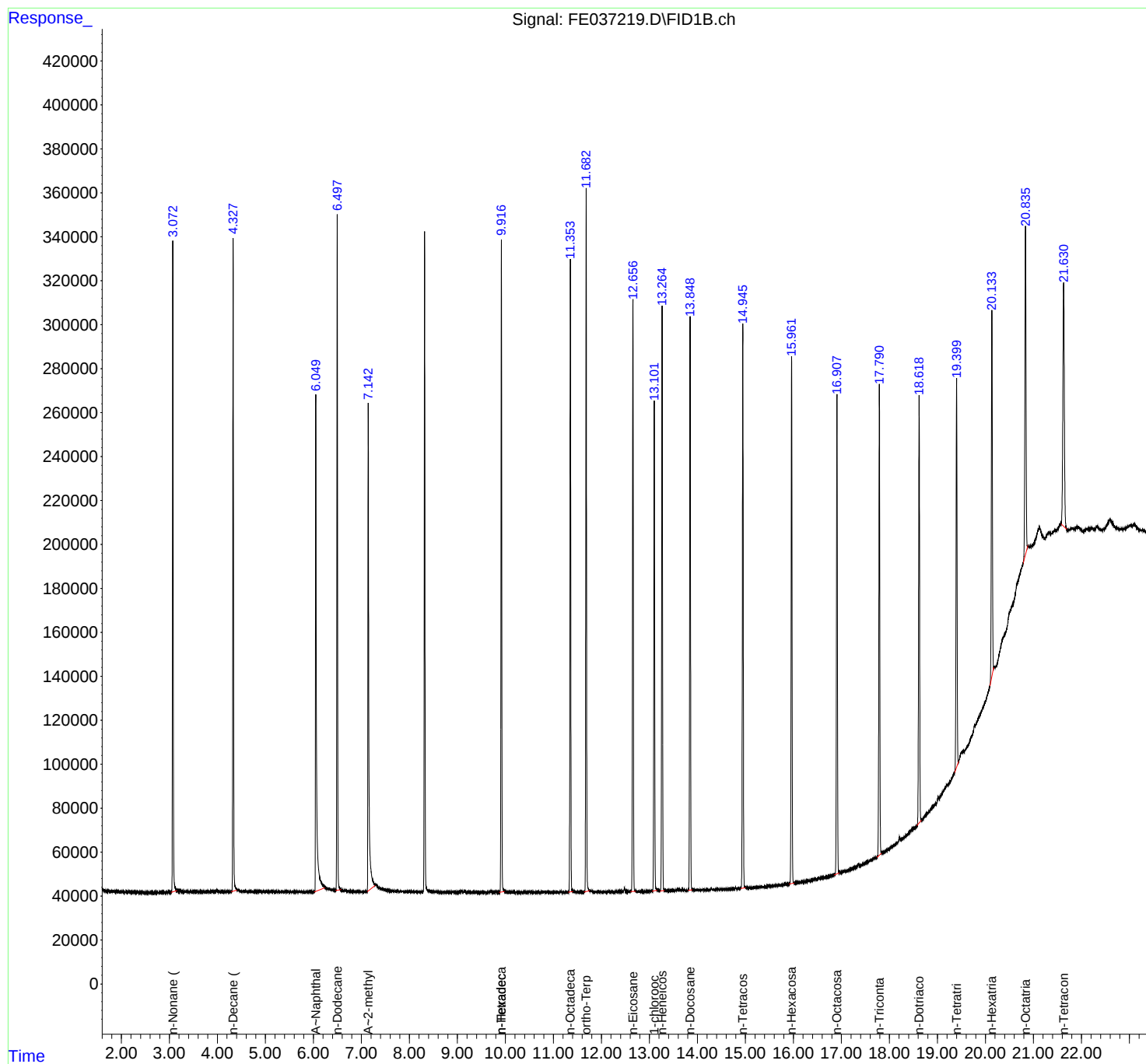
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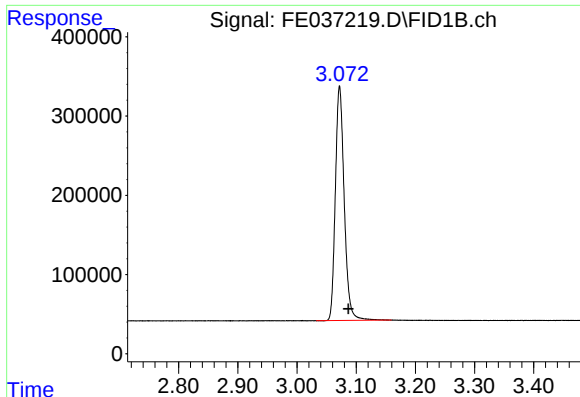
(m)=manual int.

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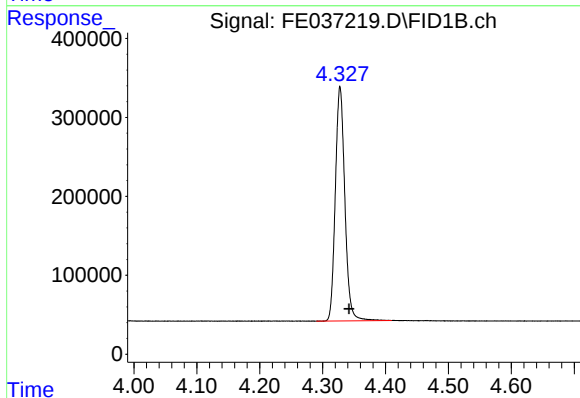
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





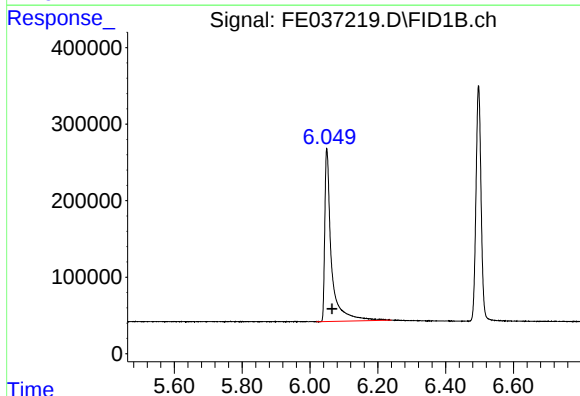
#1 n-Nonane (C9)

R.T.: 3.072 min
Delta R.T.: -0.015 min
Response: 3085527
Conc: 20.71 ug/ml



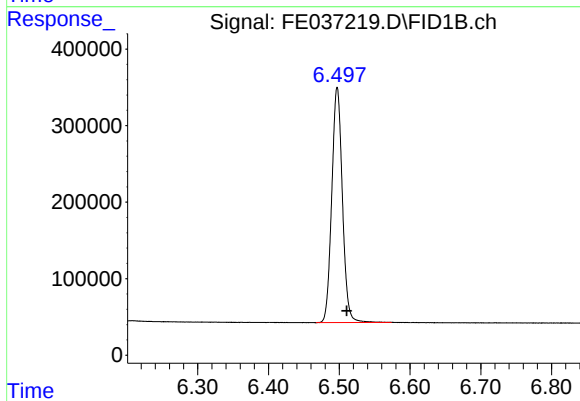
#2 n-Decane (C10)

R.T.: 4.328 min
Delta R.T.: -0.015 min
Response: 3122012
Conc: 20.84 ug/ml



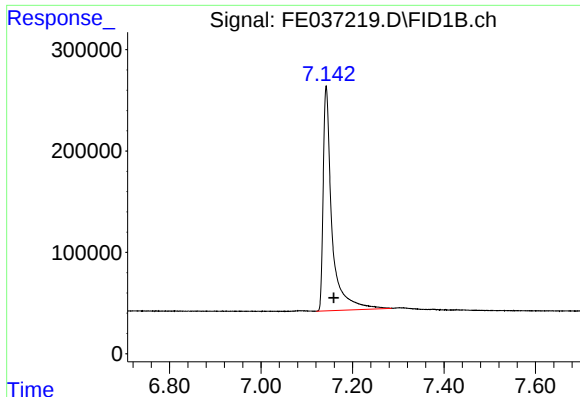
#3 A~Naphthalene (C11.7)

R.T.: 6.050 min
Delta R.T.: -0.015 min
Response: 3090816
Conc: 21.35 ug/ml



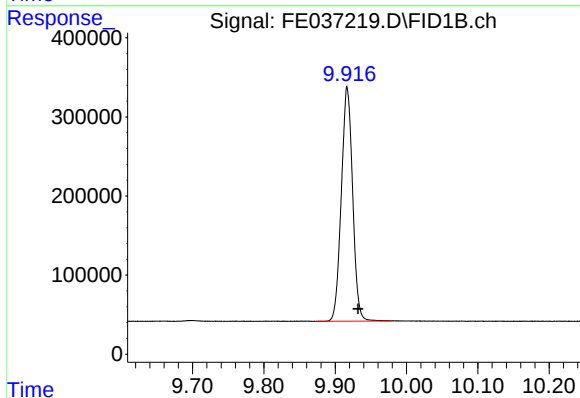
#4 n-Dodecane (C12)

R.T.: 6.497 min
Delta R.T.: -0.013 min
Response: 3206909
Conc: 20.74 ug/ml



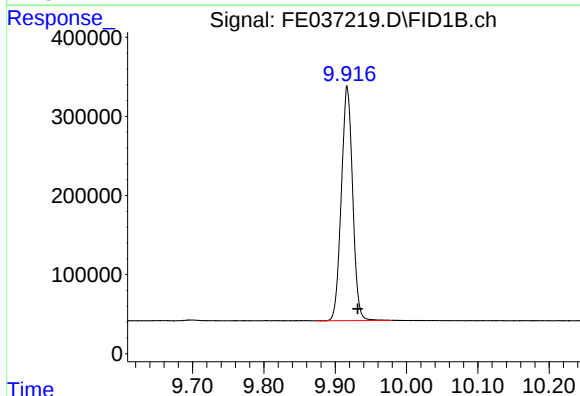
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.143 min
Delta R.T.: -0.016 min
Response: 2957004
Conc: 21.37 ug/ml



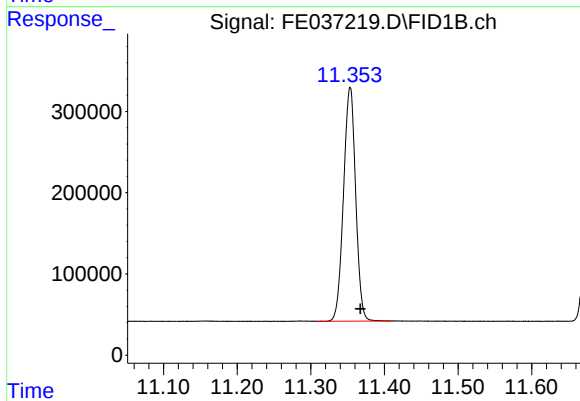
#6 n-Tetradecane (C14)

R.T.: 9.917 min
Delta R.T.: -0.015 min
Response: 3263179
Conc: 20.75 ug/ml



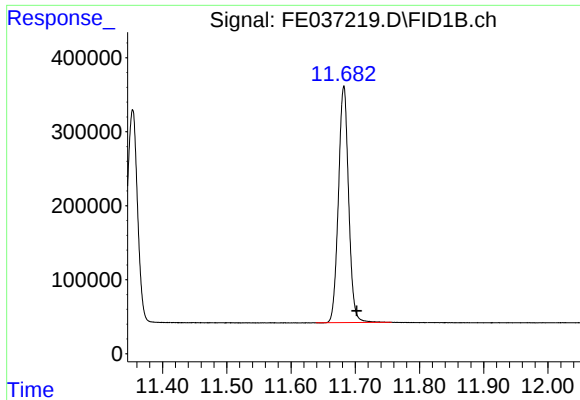
#7 n-Hexadecane (C16)

R.T.: 9.917 min
Delta R.T.: -0.015 min
Response: 3263179
Conc: 20.75 ug/ml



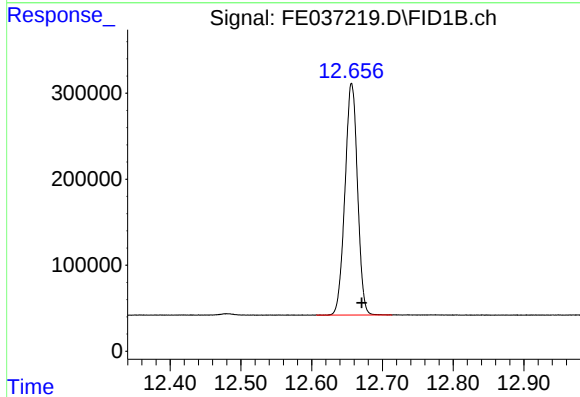
#8 n-Octadecane (C18)

R.T.: 11.354 min
Delta R.T.: -0.014 min
Response: 3300215
Conc: 20.48 ug/ml



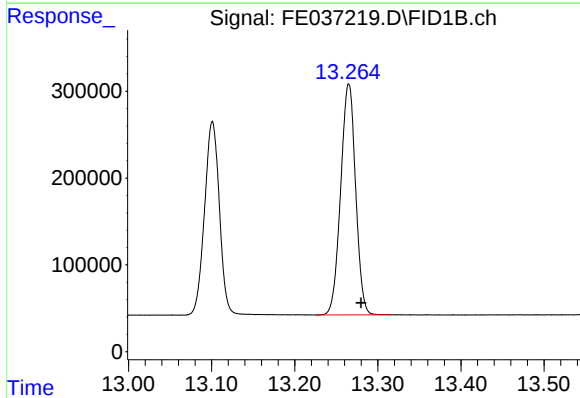
#9 ortho-Terphenyl (SURR)

R.T.: 11.682 min
Delta R.T.: -0.020 min
Response: 3524313
Conc: 20.39 ug/ml



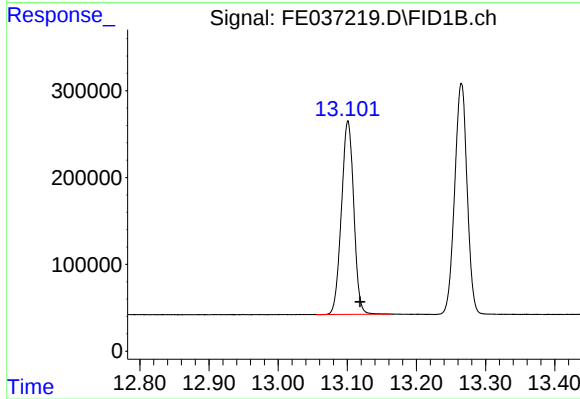
#10 n-Eicosane (C20)

R.T.: 12.657 min
Delta R.T.: -0.014 min
Response: 3318017
Conc: 20.15 ug/ml



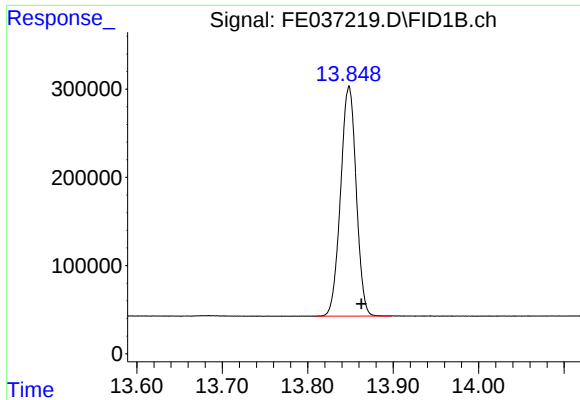
#11 n-Heneicosane (C21)

R.T.: 13.265 min
Delta R.T.: -0.015 min
Response: 3328446
Conc: 20.12 ug/ml



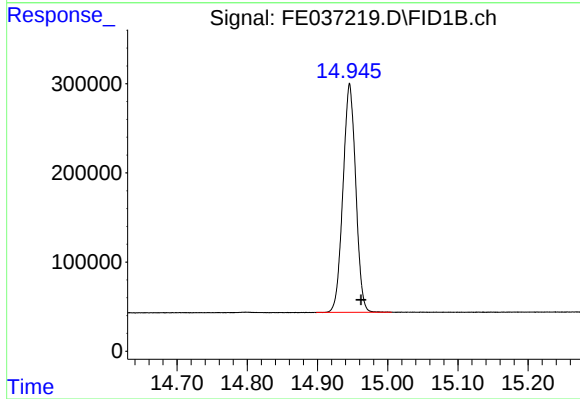
#12 1-chlorooctadecane (SURR)

R.T.: 13.101 min
Delta R.T.: -0.018 min
Response: 2762576
Conc: 20.22 ug/ml



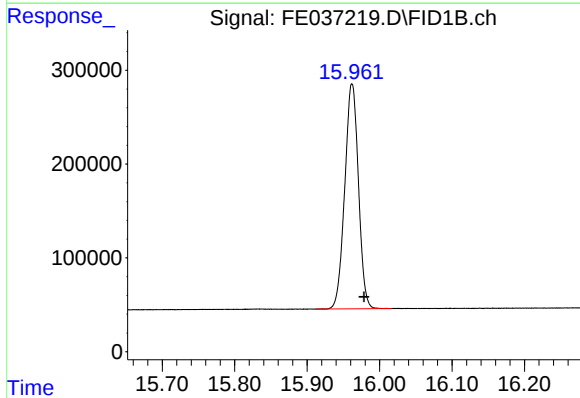
#13 n-Docosane (C22)

R.T.: 13.848 min
Delta R.T.: -0.015 min
Response: 3309673
Conc: 19.92 ug/ml



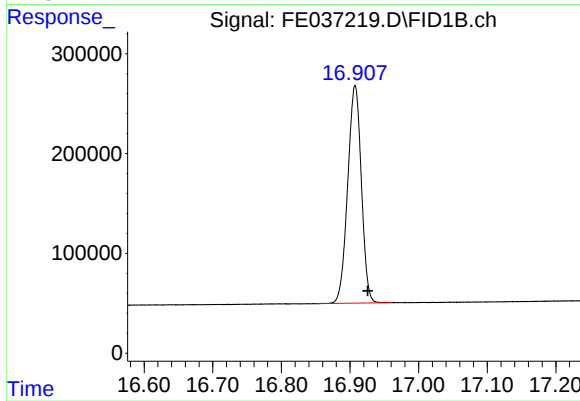
#14 n-Tetracosane (C24)

R.T.: 14.946 min
Delta R.T.: -0.016 min
Response: 3242887
Conc: 19.64 ug/ml



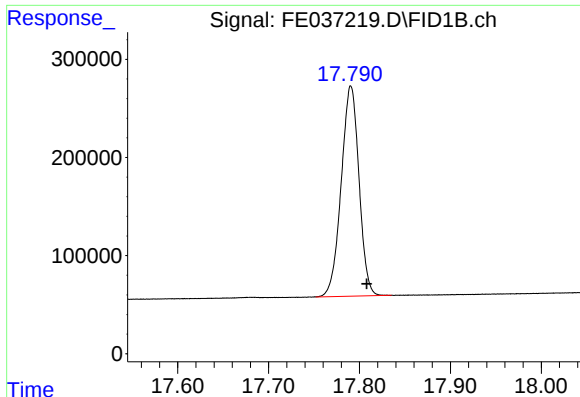
#15 n-Hexacosane (C26)

R.T.: 15.962 min
Delta R.T.: -0.017 min
Response: 3149471
Conc: 19.32 ug/ml



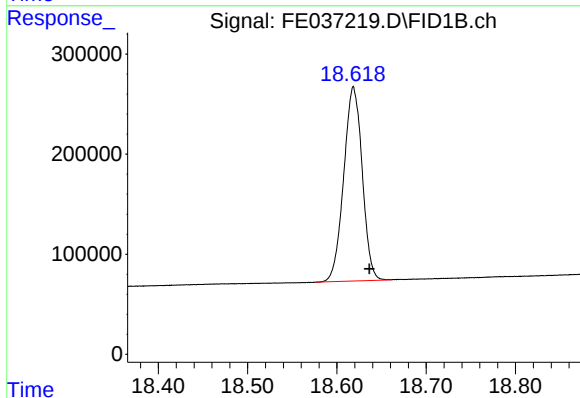
#16 n-Octacosane (C28)

R.T.: 16.907 min
Delta R.T.: -0.018 min
Response: 3012174
Conc: 18.97 ug/ml



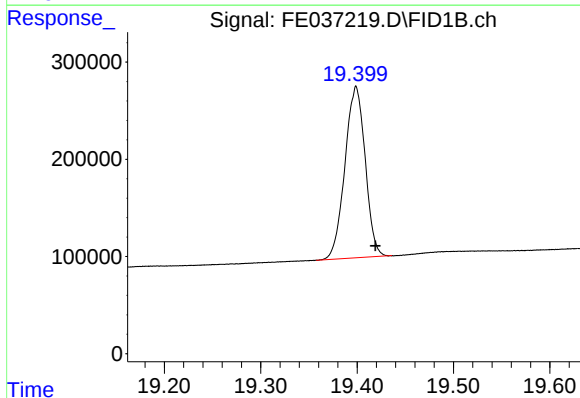
#17 n-Tricontane (C30)

R.T.: 17.790 min
Delta R.T.: -0.018 min
Response: 2917485
Conc: 18.78 ug/ml m



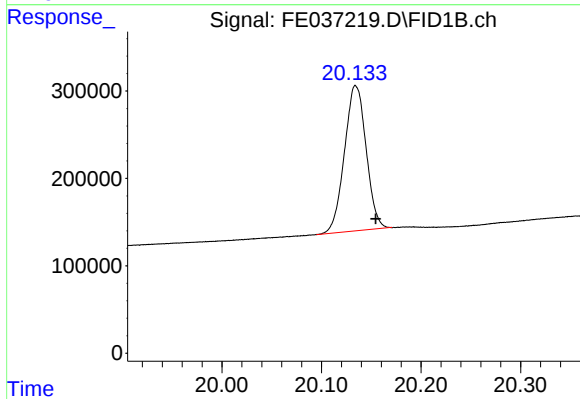
#18 n-Dotriacontane (C32)

R.T.: 18.618 min
Delta R.T.: -0.018 min
Response: 2791895
Conc: 18.72 ug/ml m



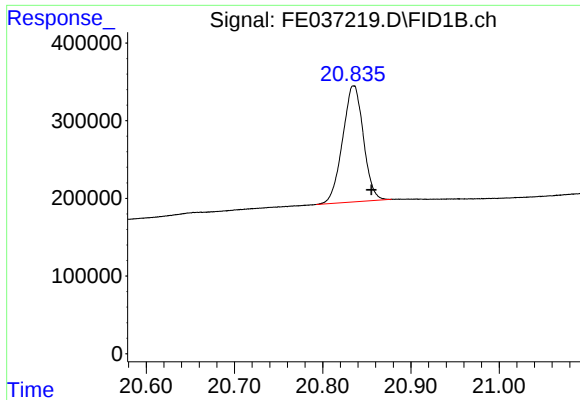
#19 n-Tetratriacontane (C34)

R.T.: 19.399 min
Delta R.T.: -0.020 min
Response: 2568132
Conc: 19.11 ug/ml m



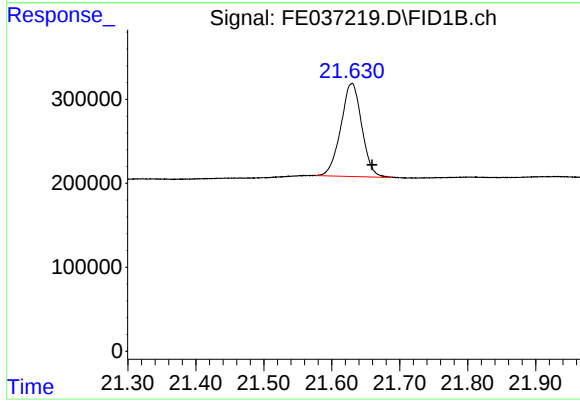
#20 n-Hexatriacontane (C36)

R.T.: 20.133 min
Delta R.T.: -0.021 min
Response: 2516084
Conc: 19.60 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.835 min
Delta R.T.: -0.021 min
Response: 2450653
Conc: 20.41 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.630 min
Delta R.T.: -0.029 min
Response: 2372106
Conc: 19.64 ug/ml m