

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103122AL\
 Data File : FE038469.D
 Signal(s) : FID1B.ch
 Acq On : 01 Nov 2022 02:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/01/2022
 Supervised By :Ankita Jodhani 11/01/2022

Integration File: autoint1.e
 Quant Time: Nov 01 04:47:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 Qlast Update : Wed Oct 26 04:49:29 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)	11.971	3469220	20.161 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
12) S 1-chlorooctadecane (S...	13.404	2720510	19.872 ug/ml
Spiked Amount 50.000		Recovery =	39.74%
Target Compounds			
1) T n-Nonane (C9)	3.368	3377435	21.930 ug/ml
2) T n-Decane (C10)	4.616	3409126	21.963 ug/ml
3) T A~Naphthalene (C11.7)	6.318	3632805	21.451 ug/ml
4) T n-Dodecane (C12)	6.777	3419950	21.892 ug/ml
5) T A~2-methylnaphthalene...	7.412	3550835	21.188 ug/ml
6) T n-Tetradecane (C14)	8.603	3378805	21.605 ug/ml
7) T n-Hexadecane (C16)	10.209	3354429	21.232 ug/ml
8) T n-Octadecane (C18)	11.651	3323636	20.749 ug/ml
10) T n-Eicosane (C20)	12.959	3259897	20.232 ug/ml
11) T n-Heneicosane (C21)	13.571	3222869	19.952 ug/ml
13) T n-Docosane (C22)	14.156	3198491	19.812 ug/ml
14) T n-Tetracosane (C24)	15.257	3097289	19.310 ug/ml
15) T n-Hexacosane (C26)	16.277	3031549	19.086 ug/ml
16) T n-Octacosane (C28)	17.224	2996788	19.101 ug/ml
17) T n-Tricontane (C30)	18.112	3045500	19.087 ug/ml
18) T n-Dotriacontane (C32)	18.945	3116825	19.768 ug/mlm
19) T n-Tetratriacontane (C34)	19.725	3008920	20.410 ug/mlm
20) T n-Hexatriacontane (C36)	20.466	3122363	21.852 ug/ml
21) T n-Octatriacontane (C38)	21.207	2995580	22.179 ug/mlm
22) T n-Tetracontane (C40)	22.136	3228445	25.576 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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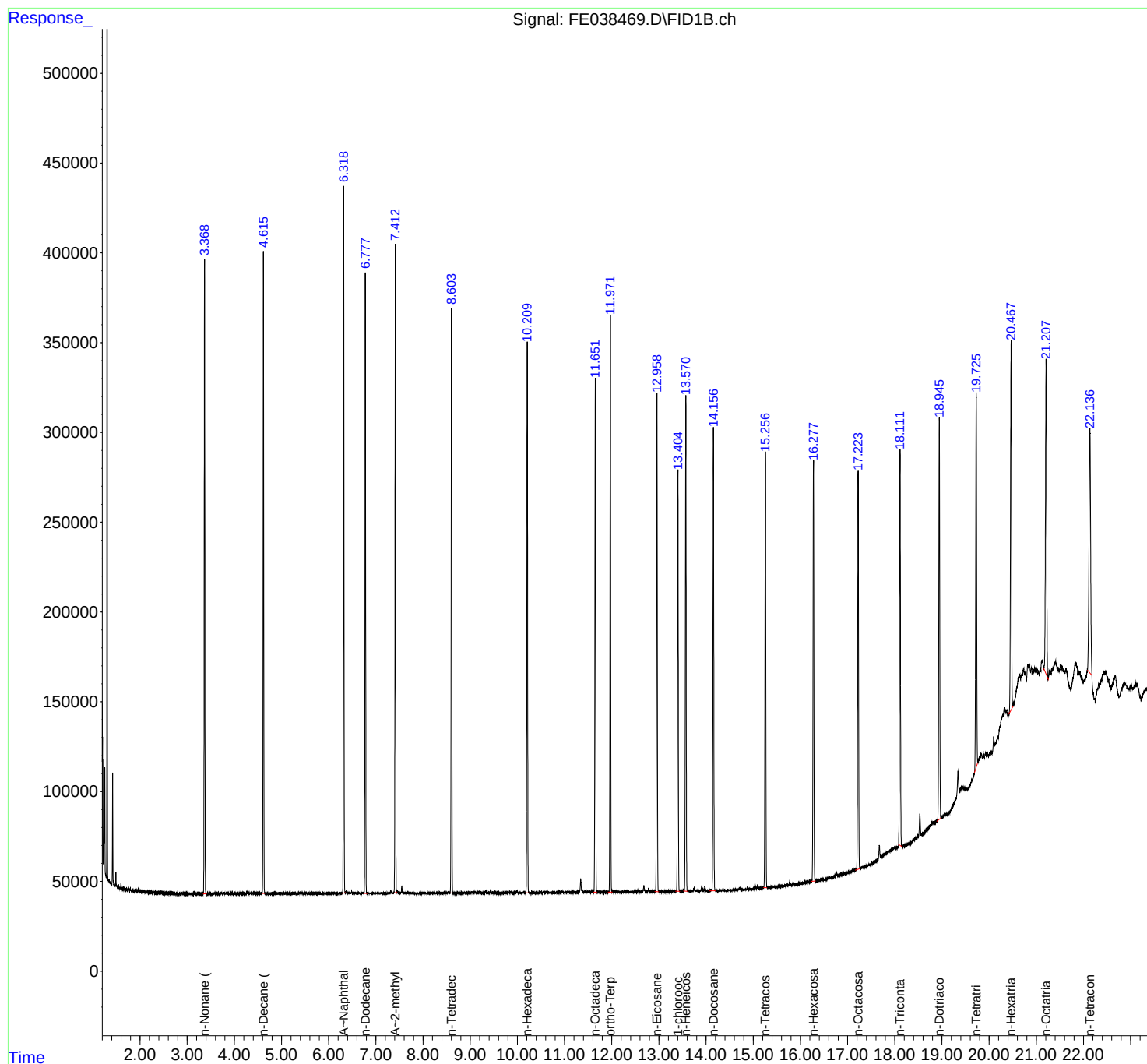
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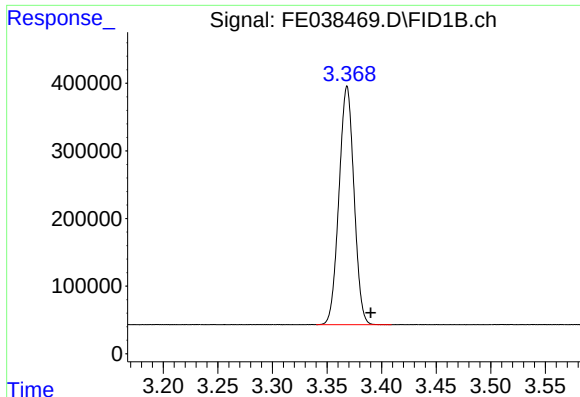
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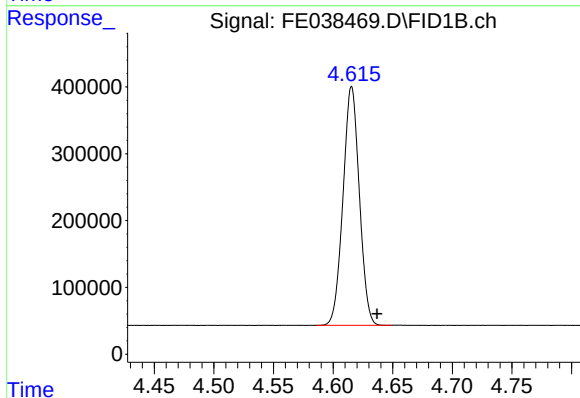
#1 n-Nonane (C9)

R.T.: 3.368 min
Delta R.T.: -0.022 min
Response: 3377435
Conc: 21.93 ug/ml

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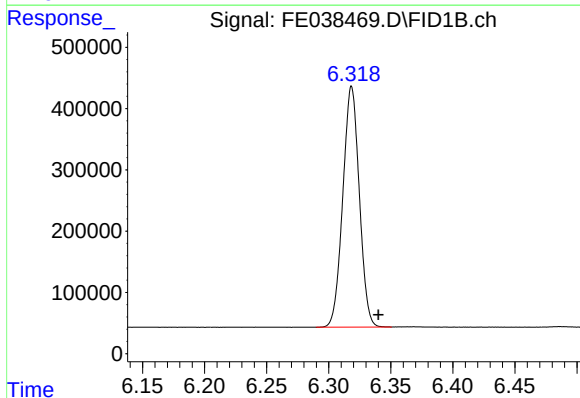
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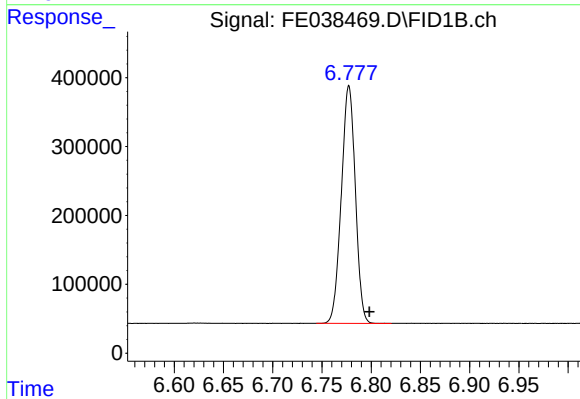
#2 n-Decane (C10)

R.T.: 4.616 min
Delta R.T.: -0.021 min
Response: 3409126
Conc: 21.96 ug/ml



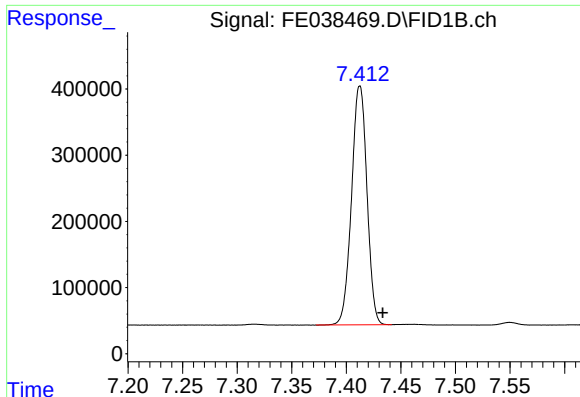
#3 A~Naphthalene (C11.7)

R.T.: 6.318 min
Delta R.T.: -0.022 min
Response: 3632805
Conc: 21.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.777 min
Delta R.T.: -0.021 min
Response: 3419950
Conc: 21.89 ug/ml



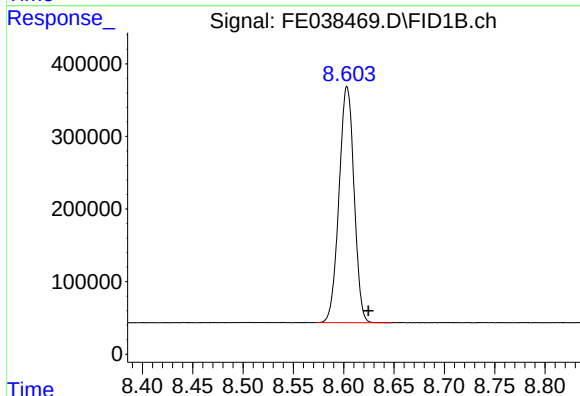
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.412 min
Delta R.T.: -0.021 min
Response: 3550835
Conc: 21.19 ug/ml

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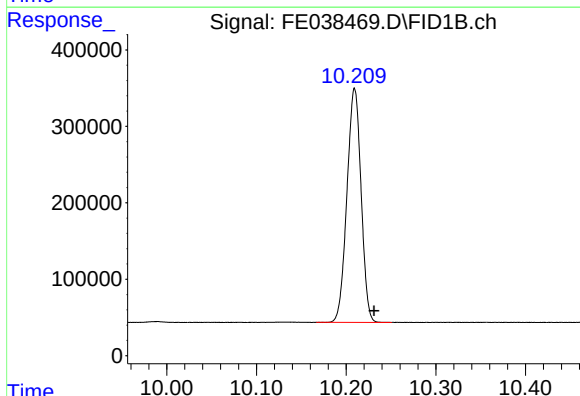
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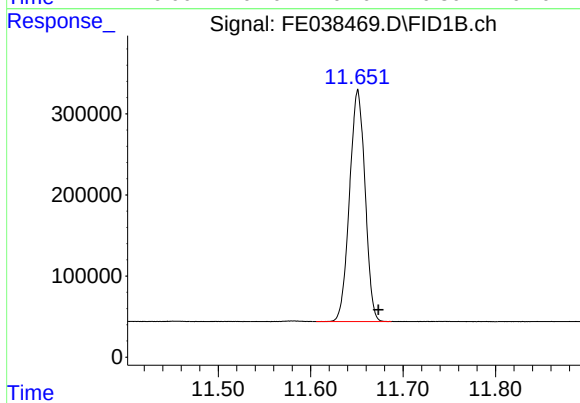
#6 n-Tetradecane (C14)

R.T.: 8.603 min
Delta R.T.: -0.021 min
Response: 3378805
Conc: 21.61 ug/ml



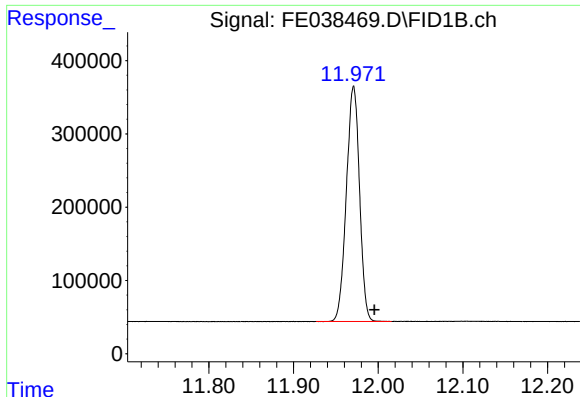
#7 n-Hexadecane (C16)

R.T.: 10.209 min
Delta R.T.: -0.022 min
Response: 3354429
Conc: 21.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.651 min
Delta R.T.: -0.022 min
Response: 3323636
Conc: 20.75 ug/ml



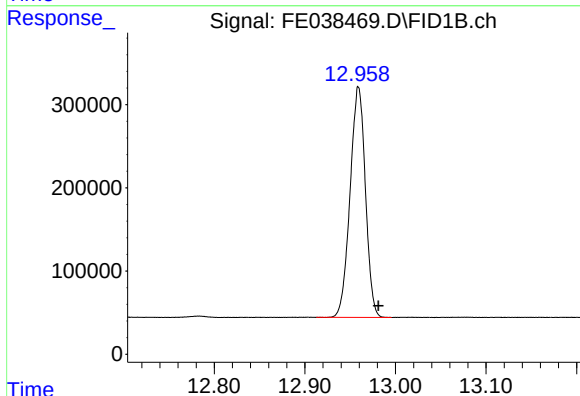
#9 ortho-Terphenyl (SURR)

R.T.: 11.971 min
Delta R.T.: -0.025 min
Response: 3469220
Conc: 20.16 ug/ml

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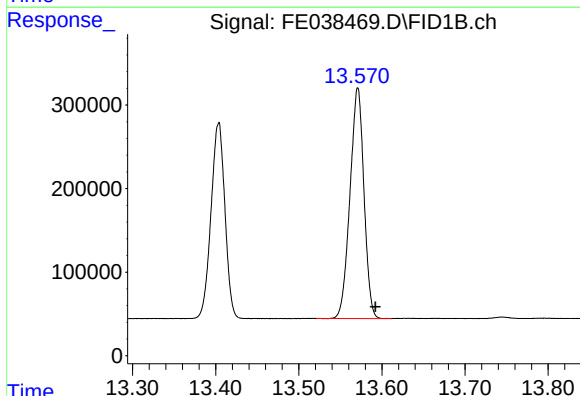
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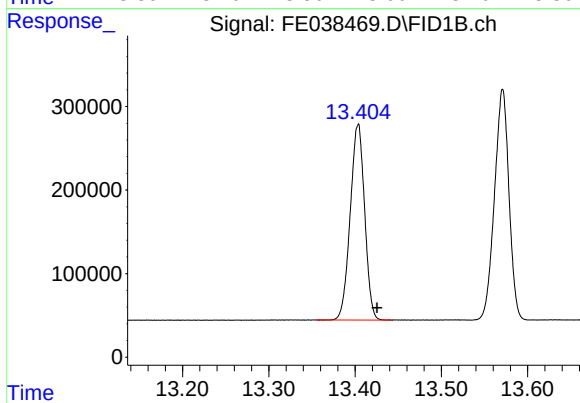
#10 n-Eicosane (C20)

R.T.: 12.959 min
Delta R.T.: -0.022 min
Response: 3259897
Conc: 20.23 ug/ml



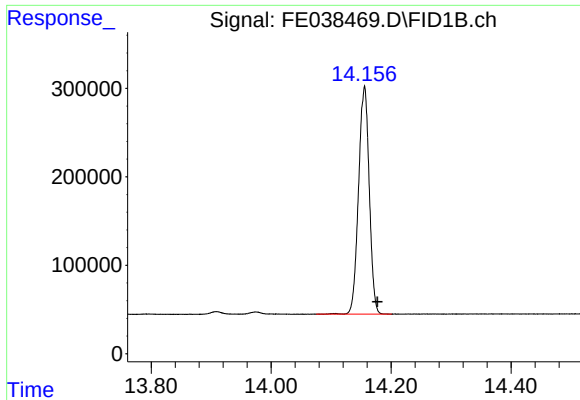
#11 n-Heneicosane (C21)

R.T.: 13.571 min
Delta R.T.: -0.021 min
Response: 3222869
Conc: 19.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.404 min
Delta R.T.: -0.022 min
Response: 2720510
Conc: 19.87 ug/ml



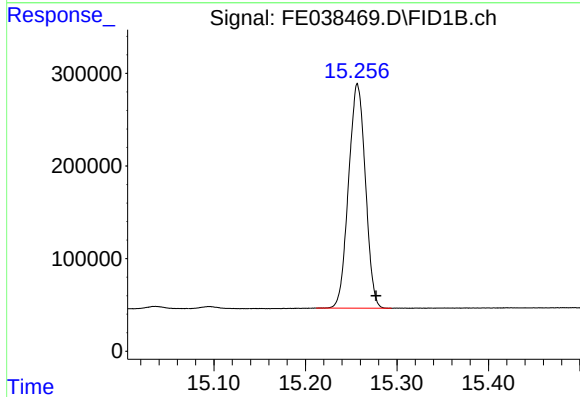
#13 n-Docosane (C22)

R.T.: 14.156 min
Delta R.T.: -0.022 min
Response: 3198491
Conc: 19.81 ug/ml

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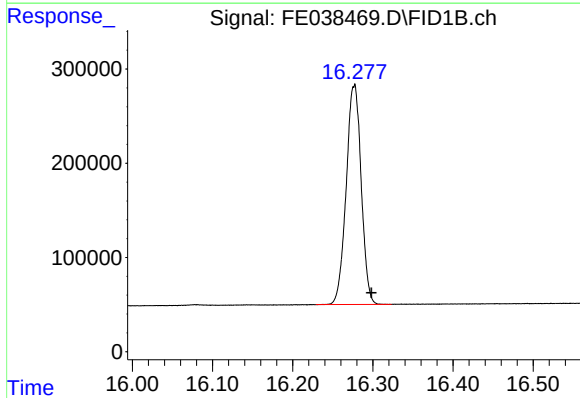
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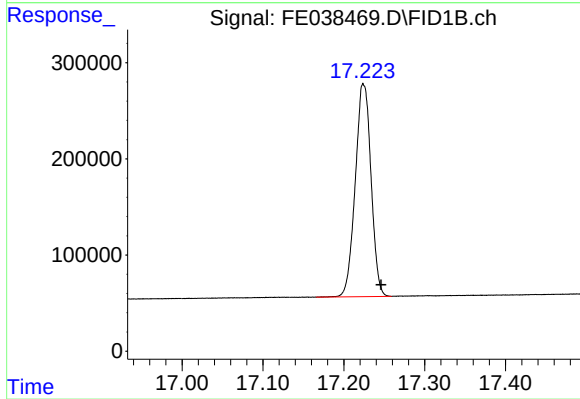
#14 n-Tetracosane (C24)

R.T.: 15.257 min
Delta R.T.: -0.020 min
Response: 3097289
Conc: 19.31 ug/ml



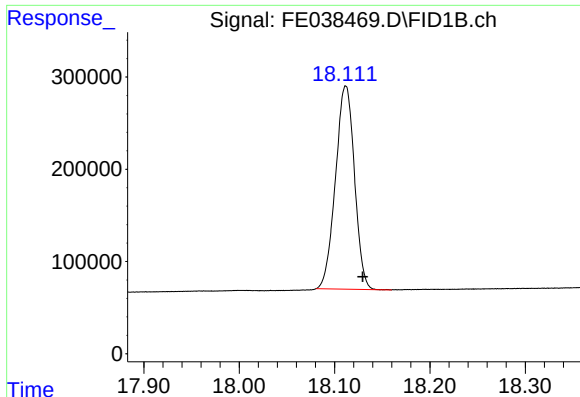
#15 n-Hexacosane (C26)

R.T.: 16.277 min
Delta R.T.: -0.021 min
Response: 3031549
Conc: 19.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.224 min
Delta R.T.: -0.022 min
Response: 2996788
Conc: 19.10 ug/ml



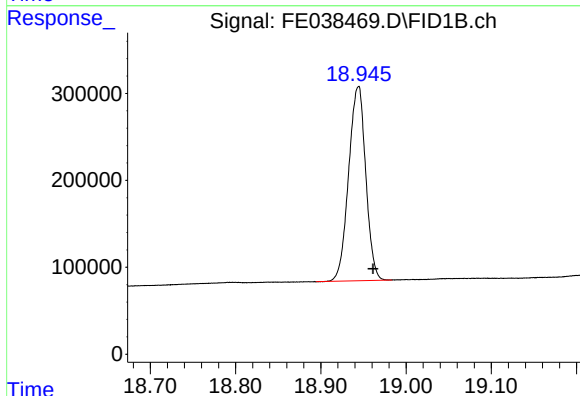
#17 n-Tricontane (C30)

R.T.: 18.112 min
Delta R.T.: -0.018 min
Response: 3045500
Conc: 19.09 ug/ml

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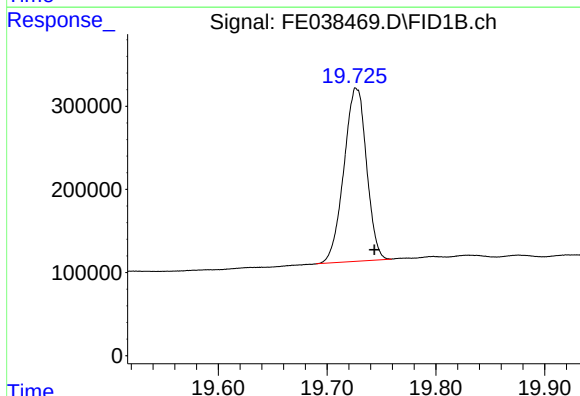
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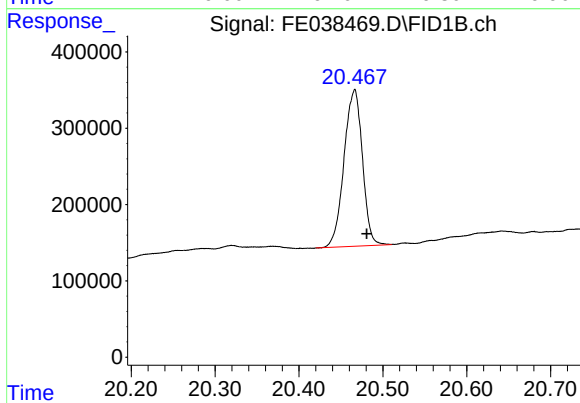
#18 n-Dotriacontane (C32)

R.T.: 18.945 min
Delta R.T.: -0.016 min
Response: 3116825
Conc: 19.77 ug/ml m



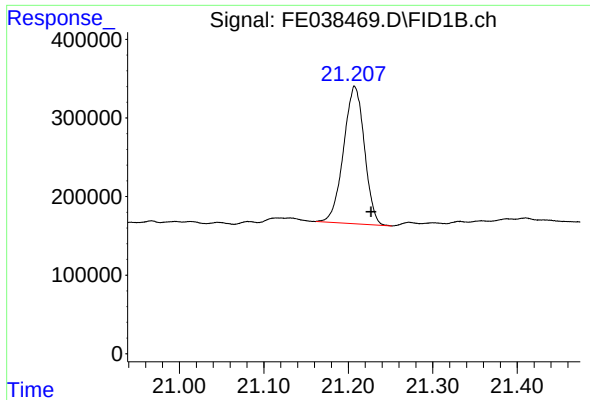
#19 n-Tetratriacontane (C34)

R.T.: 19.725 min
Delta R.T.: -0.018 min
Response: 3008920
Conc: 20.41 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.466 min
Delta R.T.: -0.014 min
Response: 3122363
Conc: 21.85 ug/ml



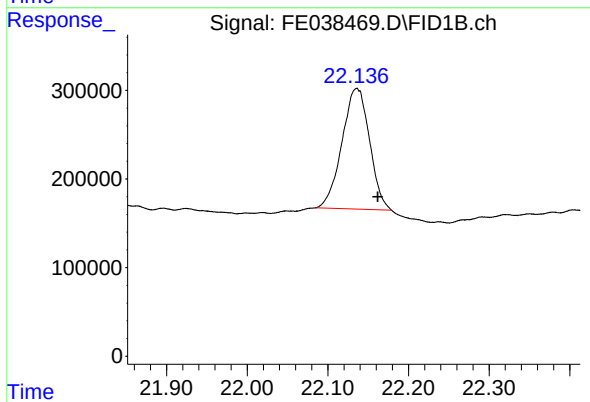
#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: -0.020 min
Response: 2995580
Conc: 22.18 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.136 min
Delta R.T.: -0.026 min
Response: 3228445
Conc: 25.58 ug/ml m