

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010423AL\
 Data File : FE039625.D
 Signal(s) : FID1B.ch
 Acq On : 04 Jan 2023 09:42
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/05/2023
 Supervised By :Ankita Jodhani 01/05/2023

Integration File: autoint1.e
 Quant Time: Jan 05 02:34:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 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)	11.926	3061897	20.518 ug/ml
Spiked Amount 50.000		Recovery =	41.04%
12) S 1-chlorooctadecane (S...	13.361	2353016	20.443 ug/ml
Spiked Amount 50.000		Recovery =	40.89%
Target Compounds			
1) T n-Nonane (C9)	3.319	2431557	18.812 ug/ml
2) T n-Decane (C10)	4.569	2443159	19.174 ug/ml
3) T A~Naphthalene (C11.7)	6.273	2791815	19.313 ug/ml
4) T n-Dodecane (C12)	6.734	2480600	19.107 ug/ml
5) T A~2-methylnaphthalene...	7.368	2640146	19.494 ug/ml
6) T n-Tetradecane (C14)	8.559	2552377	19.262 ug/ml
7) T n-Hexadecane (C16)	10.166	2695704	19.595 ug/ml
8) T n-Octadecane (C18)	11.608	2811467	20.073 ug/ml
10) T n-Eicosane (C20)	12.917	2774236	20.323 ug/ml
11) T n-Heneicosane (C21)	13.528	2789473	20.452 ug/mlm
13) T n-Docosane (C22)	14.115	2803099	20.721 ug/ml
14) T n-Tetracosane (C24)	15.218	2833065	21.104 ug/ml
15) T n-Hexacosane (C26)	16.239	2799397	21.499 ug/ml
16) T n-Octacosane (C28)	17.189	2883408	22.404 ug/ml
17) T n-Tricontane (C30)	18.077	3060768	23.773 ug/mlm
18) T n-Dotriacontane (C32)	18.911	3116598	24.066 ug/ml
19) T n-Tetratriacontane (C34)	19.694	2890516	22.911 ug/ml
20) T n-Hexatriacontane (C36)	20.435	2608603	21.573 ug/ml
21) T n-Octatriacontane (C38)	21.170	2563039	20.754 ug/ml
22) T n-Tetracontane (C40)	22.081	2487971	19.811 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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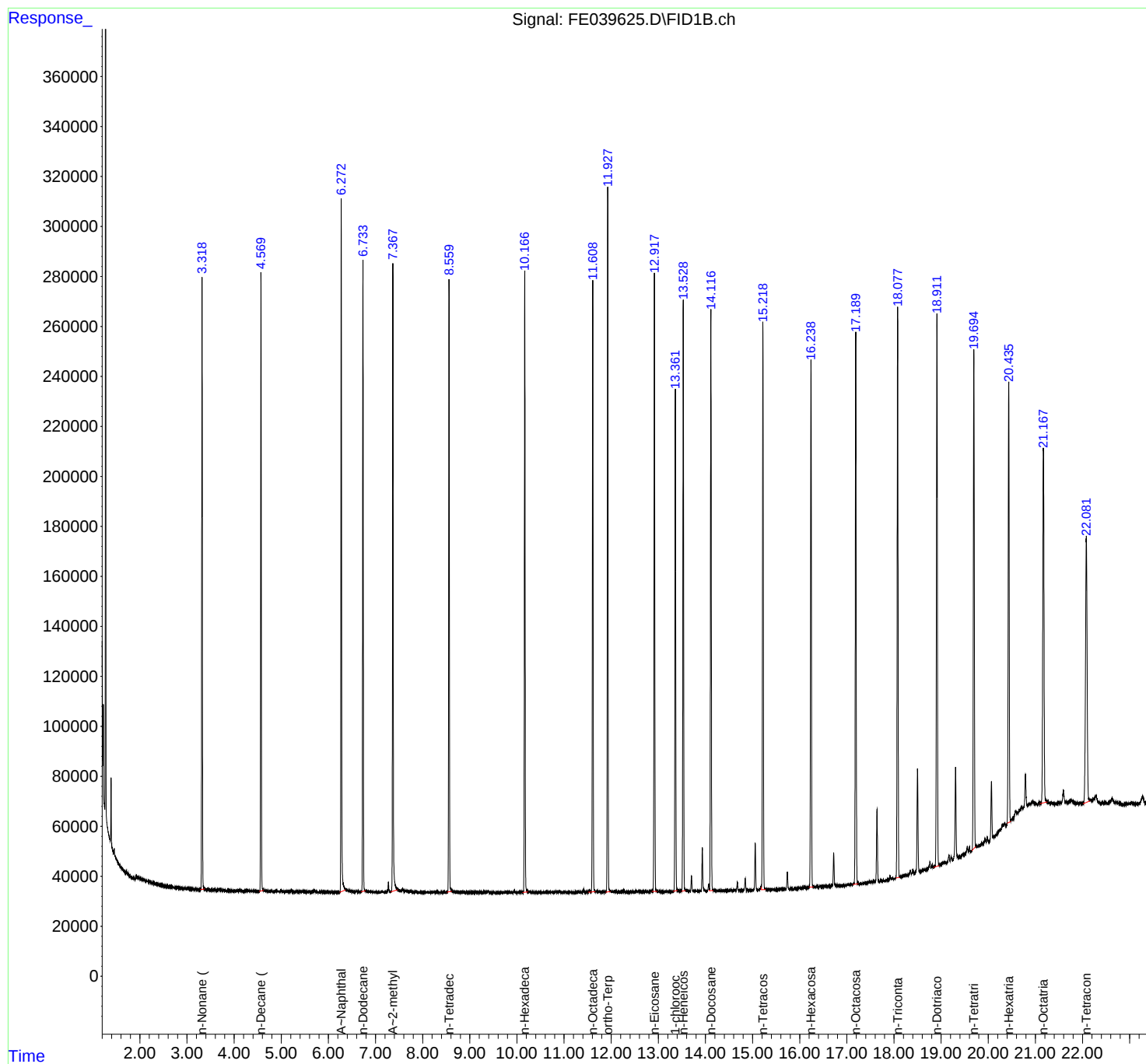
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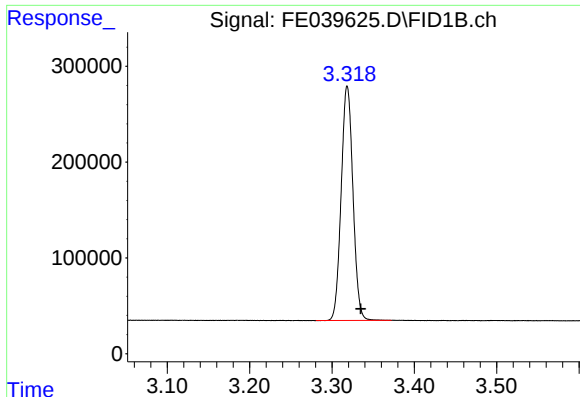
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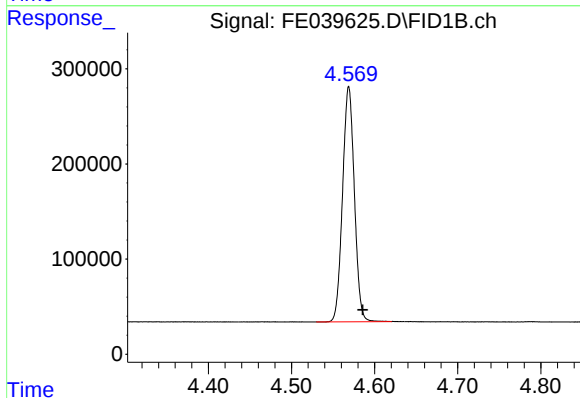
#1 n-Nonane (C9)

R.T.: 3.319 min
Delta R.T.: -0.016 min
Response: 2431557
Conc: 18.81 ug/ml

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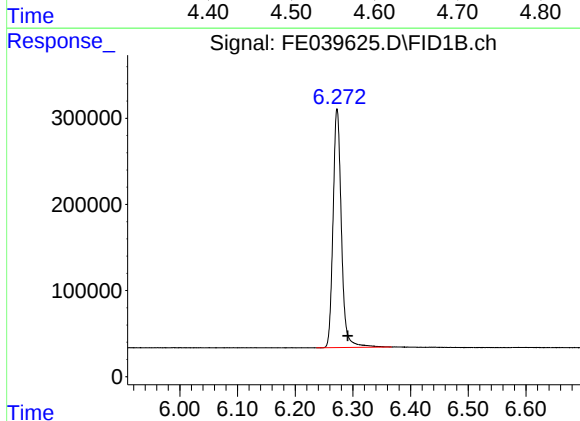
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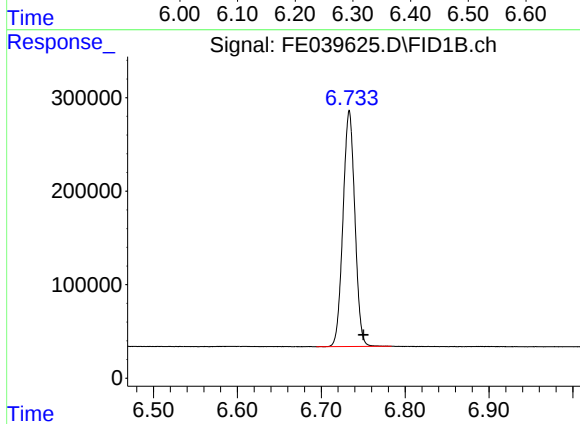
#2 n-Decane (C10)

R.T.: 4.569 min
Delta R.T.: -0.017 min
Response: 2443159
Conc: 19.17 ug/ml



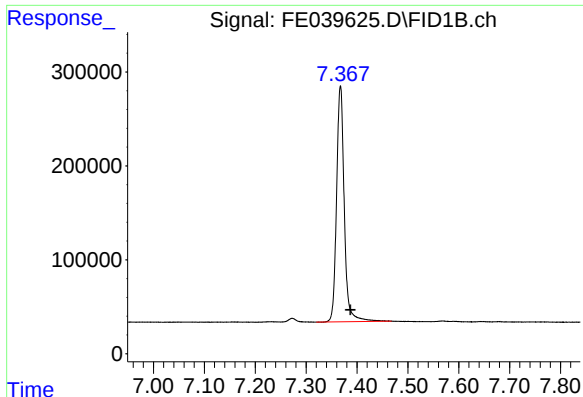
#3 A~Naphthalene (C11.7)

R.T.: 6.273 min
Delta R.T.: -0.018 min
Response: 2791815
Conc: 19.31 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.734 min
Delta R.T.: -0.017 min
Response: 2480600
Conc: 19.11 ug/ml



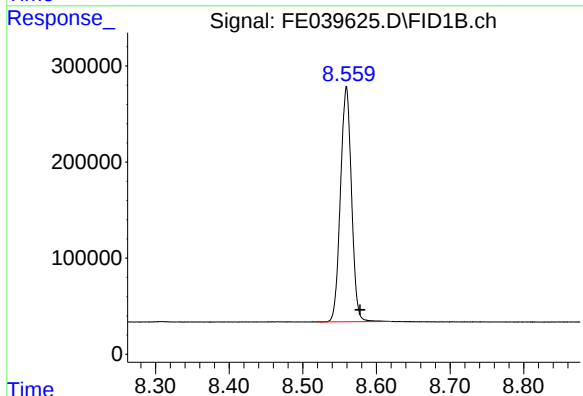
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.368 min
Delta R.T.: -0.020 min
Response: 2640146
Conc: 19.49 ug/ml

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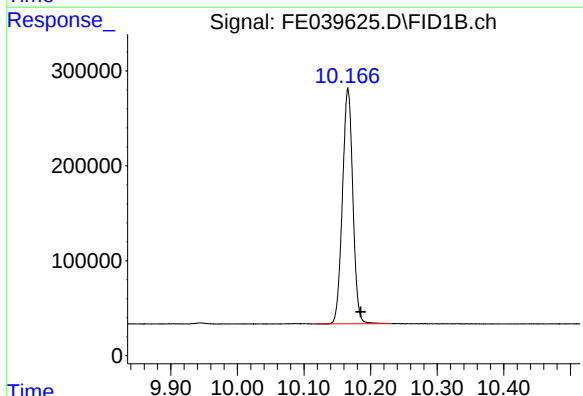
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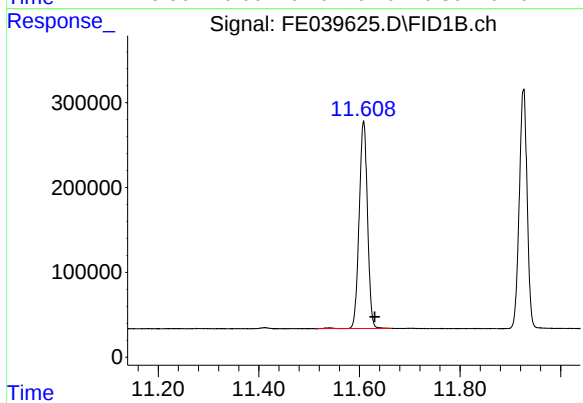
#6 n-Tetradecane (C14)

R.T.: 8.559 min
Delta R.T.: -0.019 min
Response: 2552377
Conc: 19.26 ug/ml



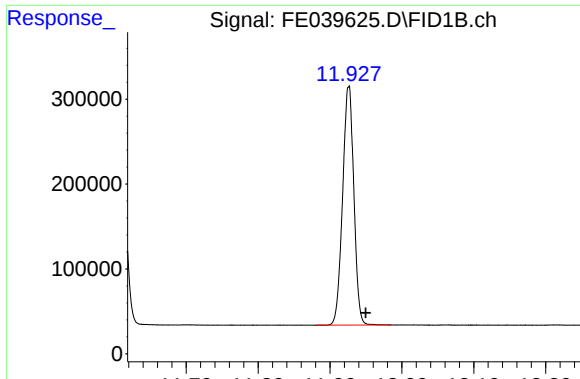
#7 n-Hexadecane (C16)

R.T.: 10.166 min
Delta R.T.: -0.019 min
Response: 2695704
Conc: 19.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.608 min
Delta R.T.: -0.022 min
Response: 2811467
Conc: 20.07 ug/ml



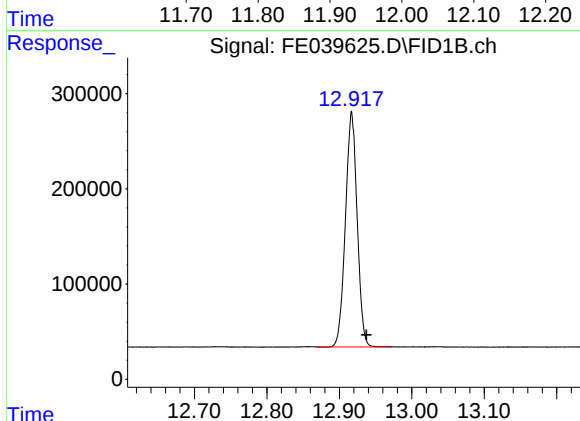
#9 ortho-Terphenyl (SURR)

R.T.: 11.926 min
Delta R.T.: -0.024 min
Response: 3061897
Conc: 20.52 ug/ml

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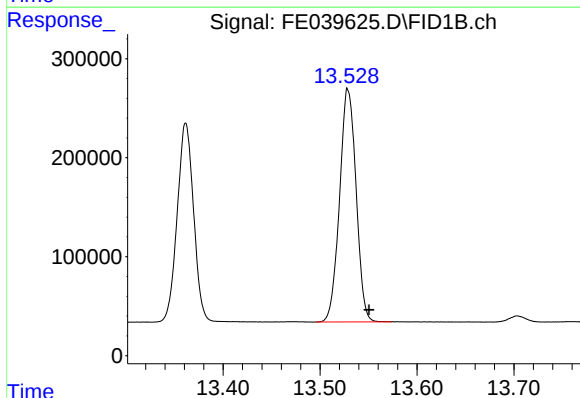
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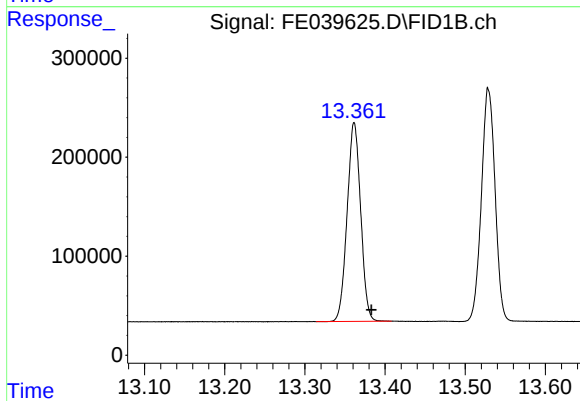
#10 n-Eicosane (C20)

R.T.: 12.917 min
Delta R.T.: -0.021 min
Response: 2774236
Conc: 20.32 ug/ml



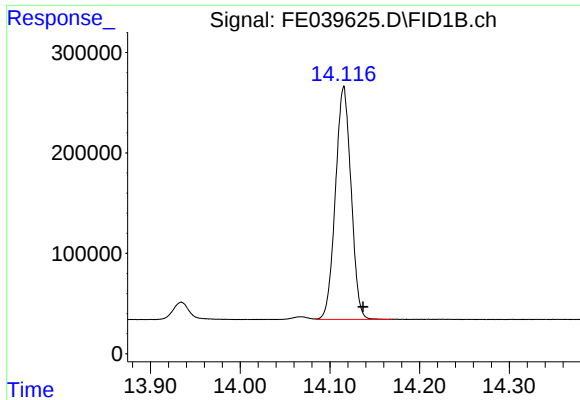
#11 n-Heneicosane (C21)

R.T.: 13.528 min
Delta R.T.: -0.023 min
Response: 2789473
Conc: 20.45 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.361 min
Delta R.T.: -0.021 min
Response: 2353016
Conc: 20.44 ug/ml



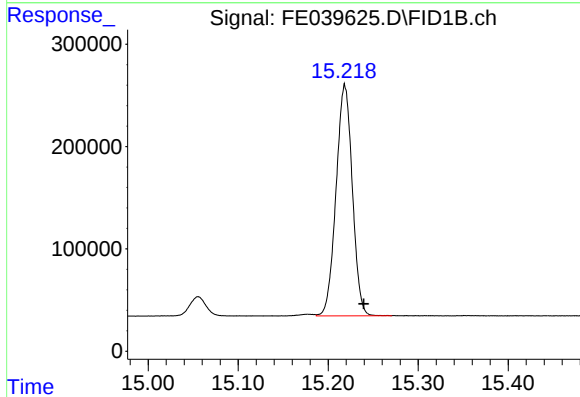
#13 n-Docosane (C22)

R.T.: 14.115 min
Delta R.T.: -0.022 min
Response: 2803099
Conc: 20.72 ug/ml

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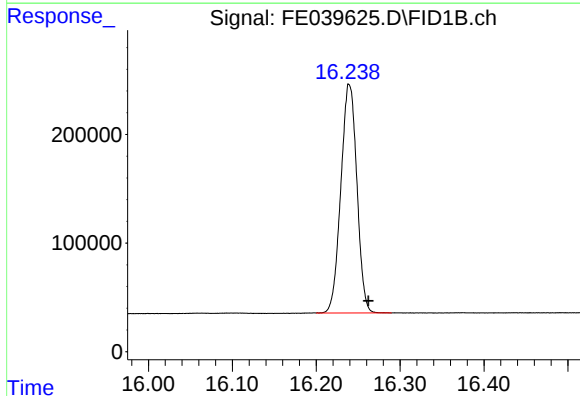
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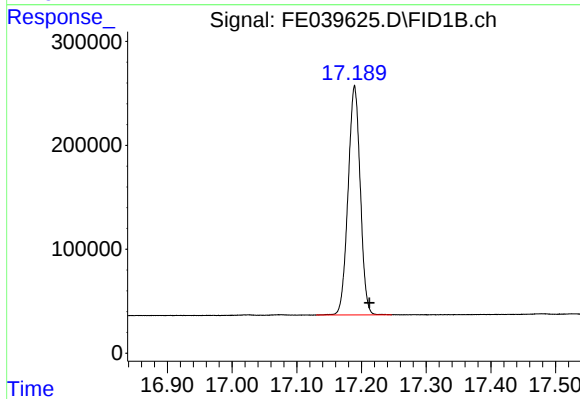
#14 n-Tetracosane (C24)

R.T.: 15.218 min
Delta R.T.: -0.021 min
Response: 2833065
Conc: 21.10 ug/ml



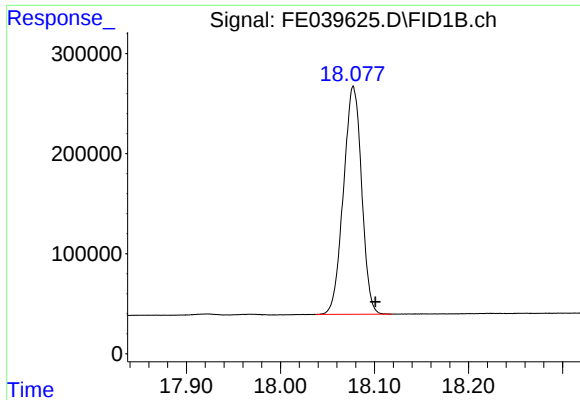
#15 n-Hexacosane (C26)

R.T.: 16.239 min
Delta R.T.: -0.023 min
Response: 2799397
Conc: 21.50 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.189 min
Delta R.T.: -0.023 min
Response: 2883408
Conc: 22.40 ug/ml



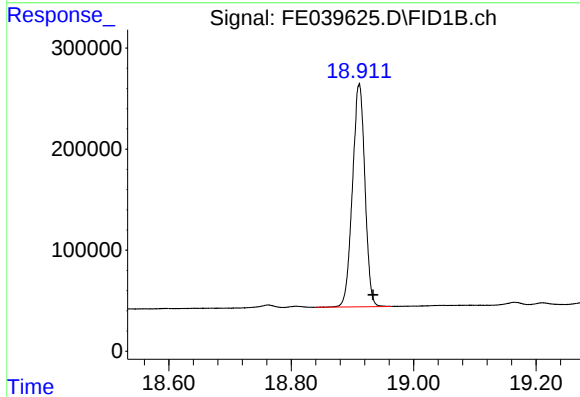
#17 n-Tricontane (C30)

R.T.: 18.077 min
Delta R.T.: -0.024 min
Response: 3060768
Conc: 23.77 ug/ml

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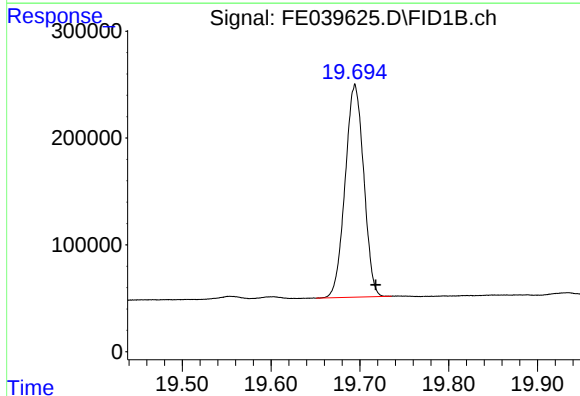
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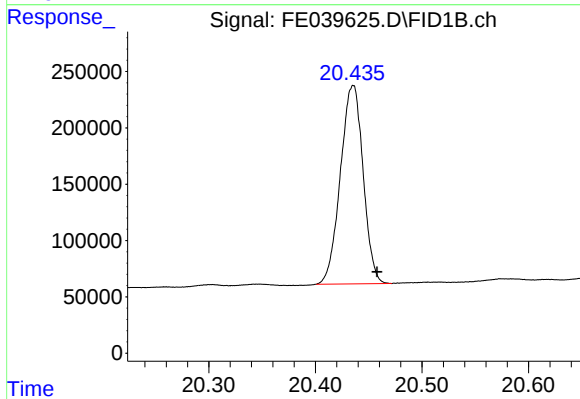
#18 n-Dotriacontane (C32)

R.T.: 18.911 min
Delta R.T.: -0.023 min
Response: 3116598
Conc: 24.07 ug/ml



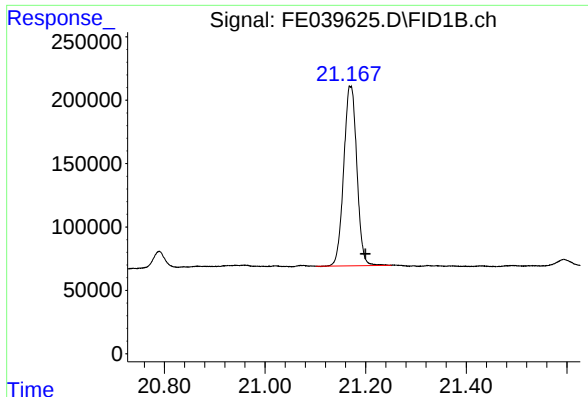
#19 n-Tetratriacontane (C34)

R.T.: 19.694 min
Delta R.T.: -0.023 min
Response: 2890516
Conc: 22.91 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.435 min
Delta R.T.: -0.023 min
Response: 2608603
Conc: 21.57 ug/ml



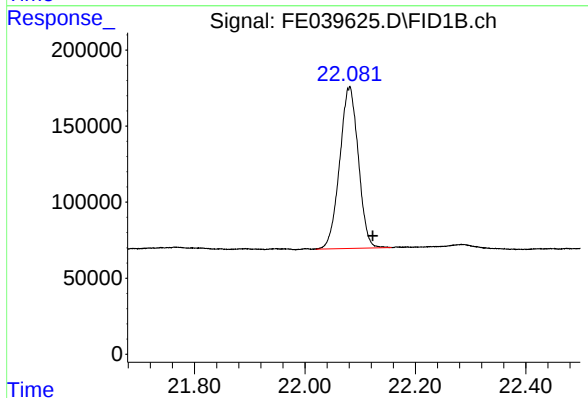
#21 n-Octatriacontane (C38)

R.T.: 21.170 min
Delta R.T.: -0.030 min
Response: 2563039
Conc: 20.75 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.081 min
Delta R.T.: -0.041 min
Response: 2487971
Conc: 19.81 ug/ml