

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071123AL\
 Data File : FE043168.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jul 2023 03:05
 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 07/12/2023
 Supervised By :Ankita Jodhani 07/12/2023

Integration File: sample.E
 Quant Time: Jul 12 04:25:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 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	3723894	20.271 ug/ml
Spiked Amount 50.000		Recovery =	40.54%
12) S 1-chlorooctadecane (S...	13.341	2750895	20.214 ug/ml
Spiked Amount 50.000		Recovery =	40.43%
Target Compounds			
1) T n-Nonane (C9)	3.282	3251690	21.051 ug/ml
2) T n-Decane (C10)	4.535	3323521	21.041 ug/ml
3) T A~Naphthalene (C11.7)	6.245	3488974	20.605 ug/ml
4) T n-Dodecane (C12)	6.705	3347924	20.916 ug/ml
5) T A~2-methylnaphthalene...	7.342	3310694	20.419 ug/ml
6) T n-Tetradecane (C14)	8.534	3314205	20.824 ug/ml
7) T n-Hexadecane (C16)	10.142	3389803	20.582 ug/ml
8) T n-Octadecane (C18)	11.586	3390462	20.398 ug/ml
10) T n-Eicosane (C20)	12.895	3220351	20.294 ug/ml
11) T n-Heneicosane (C21)	13.507	3141298	20.304 ug/ml
13) T n-Docosane (C22)	14.093	3094747	20.316 ug/ml
14) T n-Tetracosane (C24)	15.196	3021024	20.361 ug/ml
15) T n-Hexacosane (C26)	16.218	2922493	20.442 ug/ml
16) T n-Octacosane (C28)	17.169	2841570	20.488 ug/ml
17) T n-Tricontane (C30)	18.056	2898529	20.495 ug/ml
18) T n-Dotriacontane (C32)	18.889	2884465	20.565 ug/ml
19) T n-Tetratriacontane (C34)	19.672	2868471	20.961 ug/mlm
20) T n-Hexatriacontane (C36)	20.413	2902261	21.701 ug/mlm
21) T n-Octatriacontane (C38)	21.153	2703748	19.831 ug/ml
22) T n-Tetracontane (C40)	22.065	3399448	24.434 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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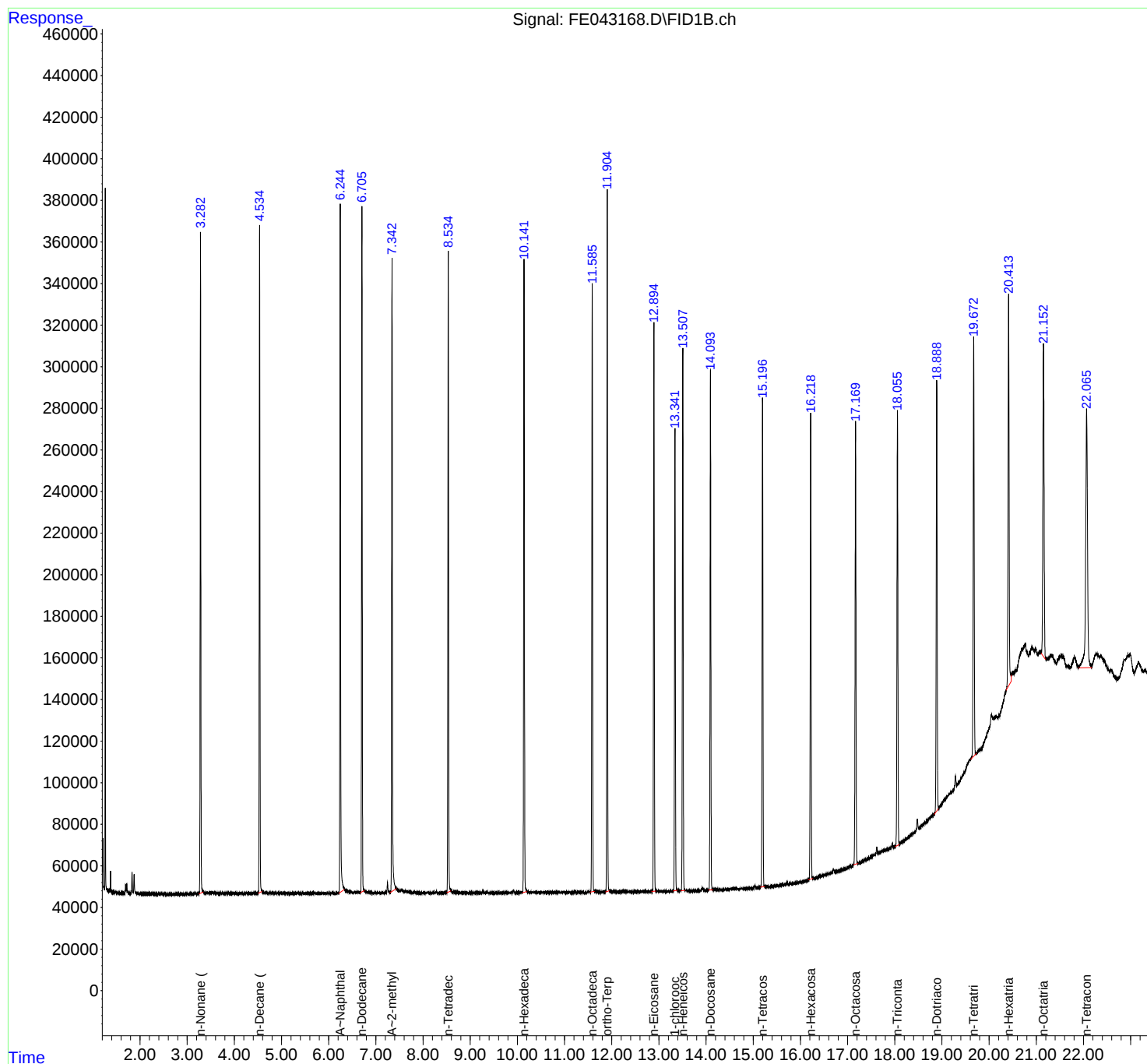
Instrument :
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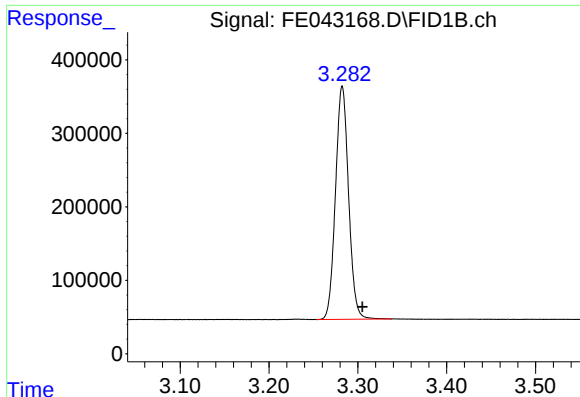
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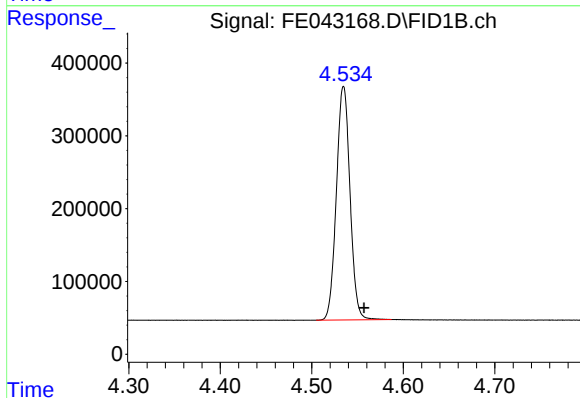
#1 n-Nonane (C9)

R.T.: 3.282 min
Delta R.T.: -0.023 min
Response: 3251690
Conc: 21.05 ug/ml

Instrument :
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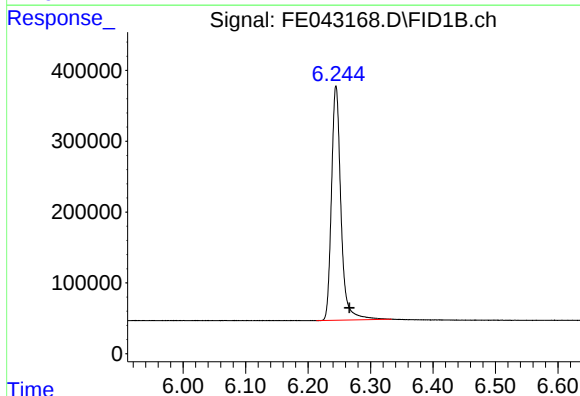
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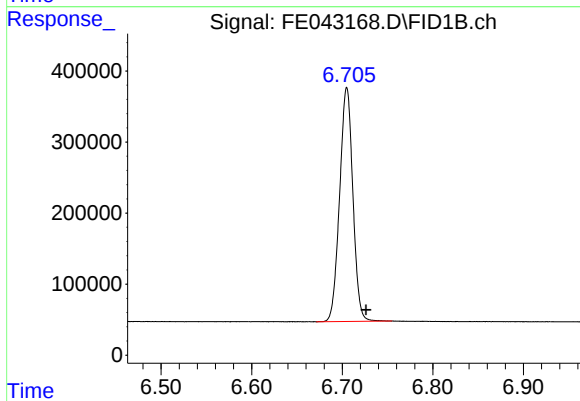
#2 n-Decane (C10)

R.T.: 4.535 min
Delta R.T.: -0.022 min
Response: 3323521
Conc: 21.04 ug/ml



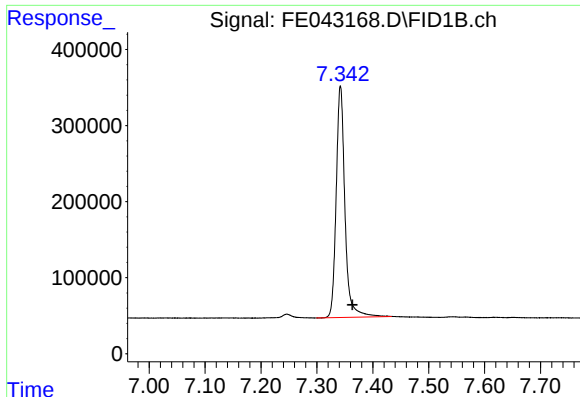
#3 A~Naphthalene (C11.7)

R.T.: 6.245 min
Delta R.T.: -0.022 min
Response: 3488974
Conc: 20.61 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.705 min
Delta R.T.: -0.021 min
Response: 3347924
Conc: 20.92 ug/ml



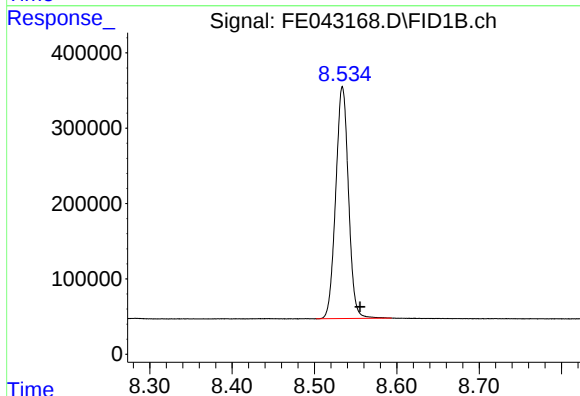
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.342 min
Delta R.T.: -0.021 min
Response: 3310694
Conc: 20.42 ug/ml

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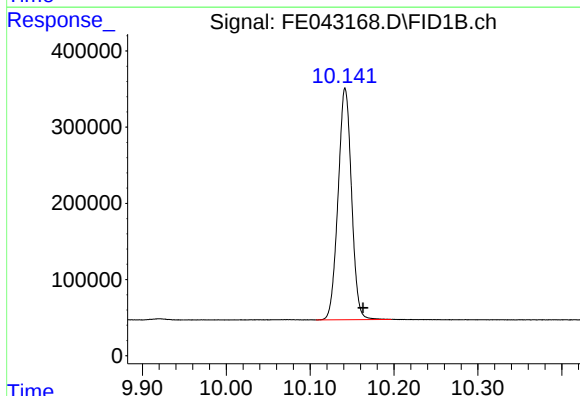
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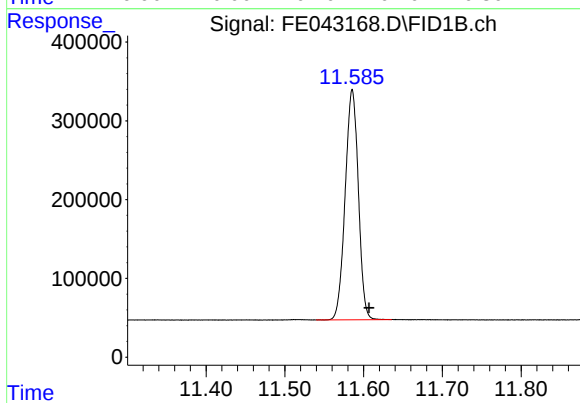
#6 n-Tetradecane (C14)

R.T.: 8.534 min
Delta R.T.: -0.022 min
Response: 3314205
Conc: 20.82 ug/ml



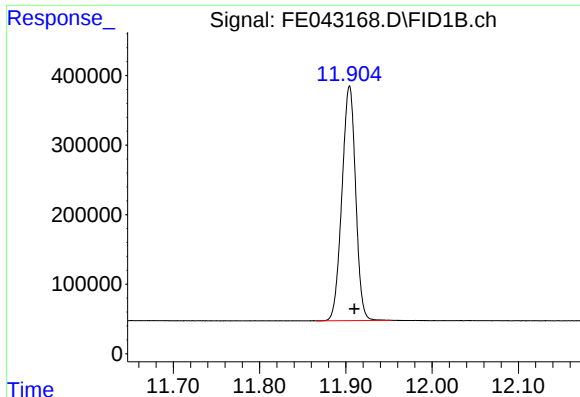
#7 n-Hexadecane (C16)

R.T.: 10.142 min
Delta R.T.: -0.021 min
Response: 3389803
Conc: 20.58 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.586 min
Delta R.T.: -0.021 min
Response: 3390462
Conc: 20.40 ug/ml



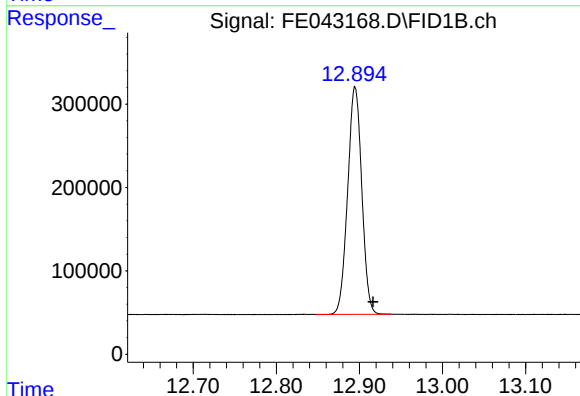
#9 ortho-Terphenyl (SURR)

R.T.: 11.904 min
Delta R.T.: -0.006 min
Response: 3723894
Conc: 20.27 ug/ml

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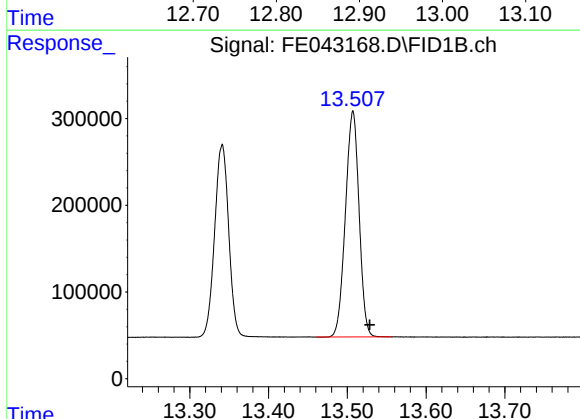
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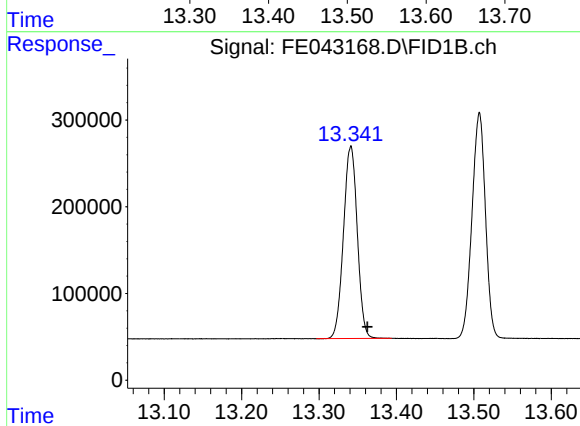
#10 n-Eicosane (C20)

R.T.: 12.895 min
Delta R.T.: -0.021 min
Response: 3220351
Conc: 20.29 ug/ml



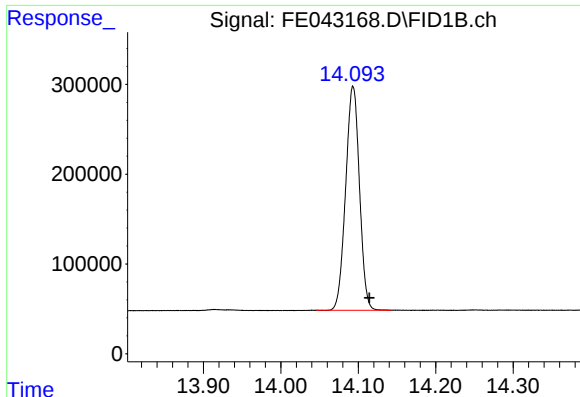
#11 n-Heneicosane (C21)

R.T.: 13.507 min
Delta R.T.: -0.021 min
Response: 3141298
Conc: 20.30 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.341 min
Delta R.T.: -0.022 min
Response: 2750895
Conc: 20.21 ug/ml



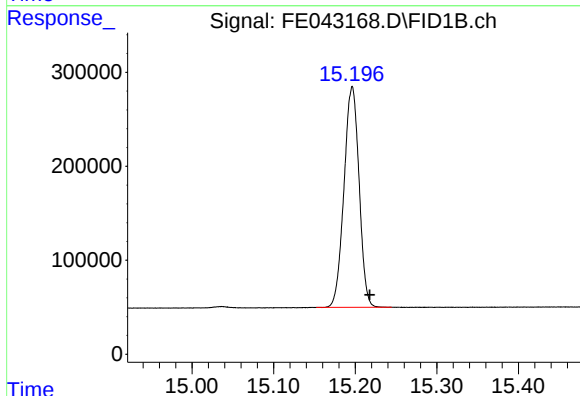
#13 n-Docosane (C22)

R.T.: 14.093 min
Delta R.T.: -0.021 min
Response: 3094747
Conc: 20.32 ug/ml

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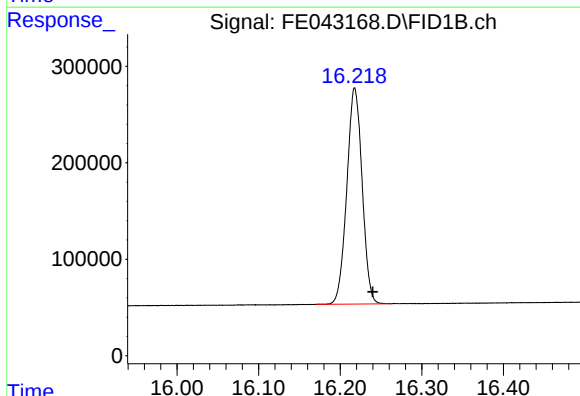
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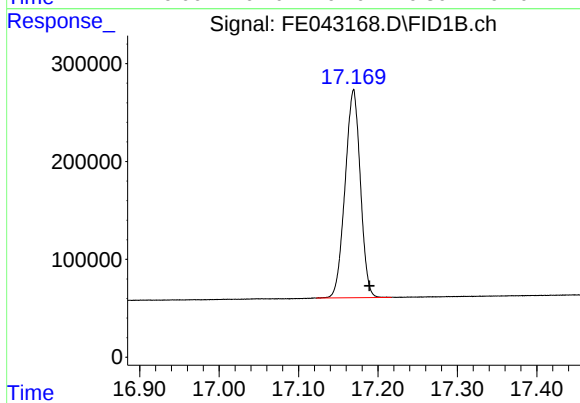
#14 n-Tetracosane (C24)

R.T.: 15.196 min
Delta R.T.: -0.021 min
Response: 3021024
Conc: 20.36 ug/ml



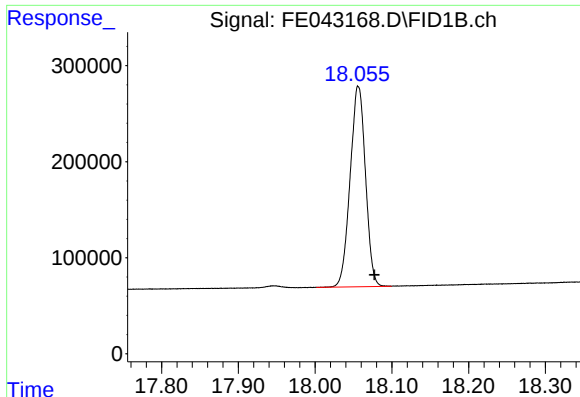
#15 n-Hexacosane (C26)

R.T.: 16.218 min
Delta R.T.: -0.022 min
Response: 2922493
Conc: 20.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.169 min
Delta R.T.: -0.020 min
Response: 2841570
Conc: 20.49 ug/ml



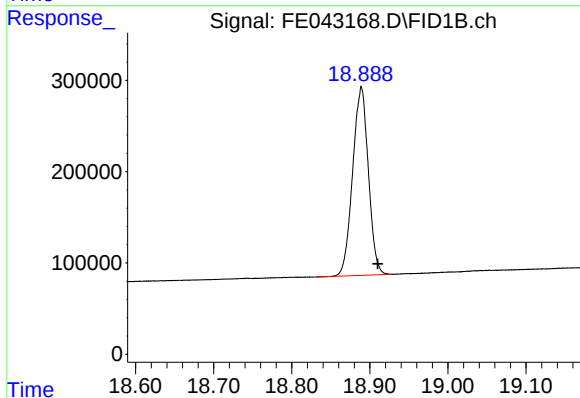
#17 n-Tricontane (C30)

R.T.: 18.056 min
Delta R.T.: -0.021 min
Response: 2898529
Conc: 20.49 ug/ml

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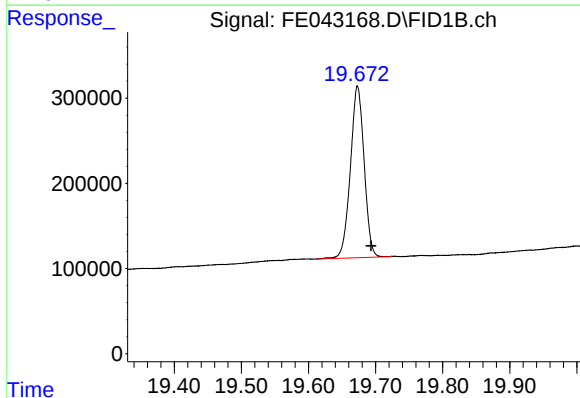
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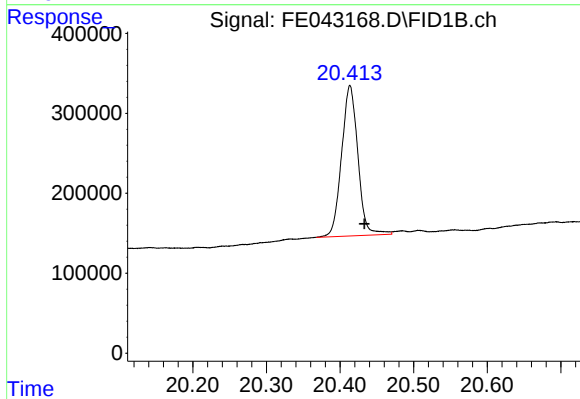
#18 n-Dotriacontane (C32)

R.T.: 18.889 min
Delta R.T.: -0.021 min
Response: 2884465
Conc: 20.57 ug/ml



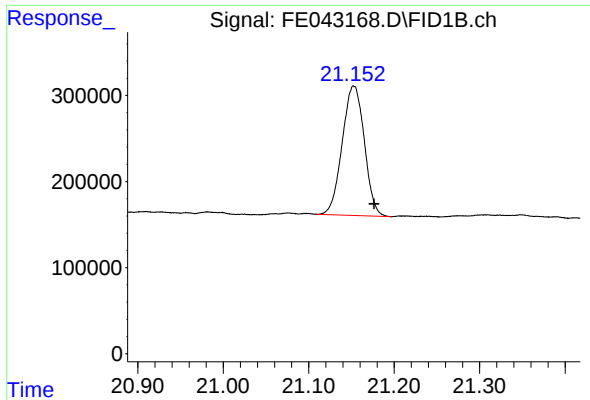
#19 n-Tetratriacontane (C34)

R.T.: 19.672 min
Delta R.T.: -0.021 min
Response: 2868471
Conc: 20.96 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.413 min
Delta R.T.: -0.020 min
Response: 2902261
Conc: 21.70 ug/ml m



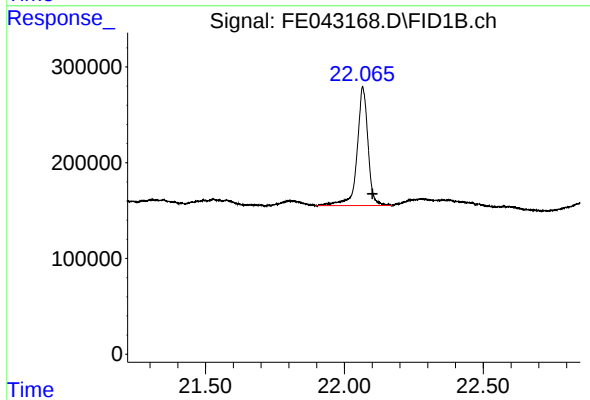
#21 n-Octatriacontane (C38)

R.T.: 21.153 min
Delta R.T.: -0.024 min
Response: 2703748
Conc: 19.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.065 min
Delta R.T.: -0.036 min
Response: 3399448
Conc: 24.43 ug/ml