

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071624AL\
 Data File : FE049166.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jul 2024 10:01
 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 07/17/2024
 Supervised By :Ankita Jodhani 07/17/2024

Integration File: autoint1.e
 Quant Time: Jul 17 11:38:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 2024
 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)	11.913	3035054	18.151 ug/ml
Spiked Amount 50.000		Recovery =	36.30%
12) S 1-chlorooctadecane (S...	13.348	2293239	17.834 ug/ml
Spiked Amount 50.000		Recovery =	35.67%
Target Compounds			
1) T n-Nonane (C9)	3.302	3005681	19.992 ug/ml
2) T n-Decane (C10)	4.551	3056910	19.864 ug/ml
3) T A~Naphthalene (C11.7)	6.257	3085471	19.436 ug/ml
4) T n-Dodecane (C12)	6.717	3026785	19.607 ug/ml
5) T A~2-methylnaphthalene...	7.353	2892950	19.103 ug/ml
6) T n-Tetradecane (C14)	8.545	2954604	19.278 ug/ml
7) T n-Hexadecane (C16)	10.152	2969979	18.995 ug/ml
8) T n-Octadecane (C18)	11.595	2961778	18.571 ug/ml
10) T n-Eicosane (C20)	12.903	2820551	18.193 ug/ml
11) T n-Heneicosane (C21)	13.516	2767078	18.173 ug/ml
13) T n-Docosane (C22)	14.100	2741092	18.125 ug/ml
14) T n-Tetracosane (C24)	15.203	2765161	18.400 ug/ml
15) T n-Hexacosane (C26)	16.223	2755926	18.668 ug/ml
16) T n-Octacosane (C28)	17.171	2737529	18.982 ug/ml
17) T n-Tricontane (C30)	18.059	2849002	19.474 ug/ml
18) T n-Dotriacontane (C32)	18.889	2891383	20.222 ug/ml
19) T n-Tetratriacontane (C34)	19.674	2875826	20.783 ug/ml
20) T n-Hexatriacontane (C36)	20.411	2815885	21.666 ug/mlm
21) T n-Octatriacontane (C38)	21.146	2922145	22.794 ug/mlm
22) T n-Tetracontane (C40)	22.050	2897353	23.660 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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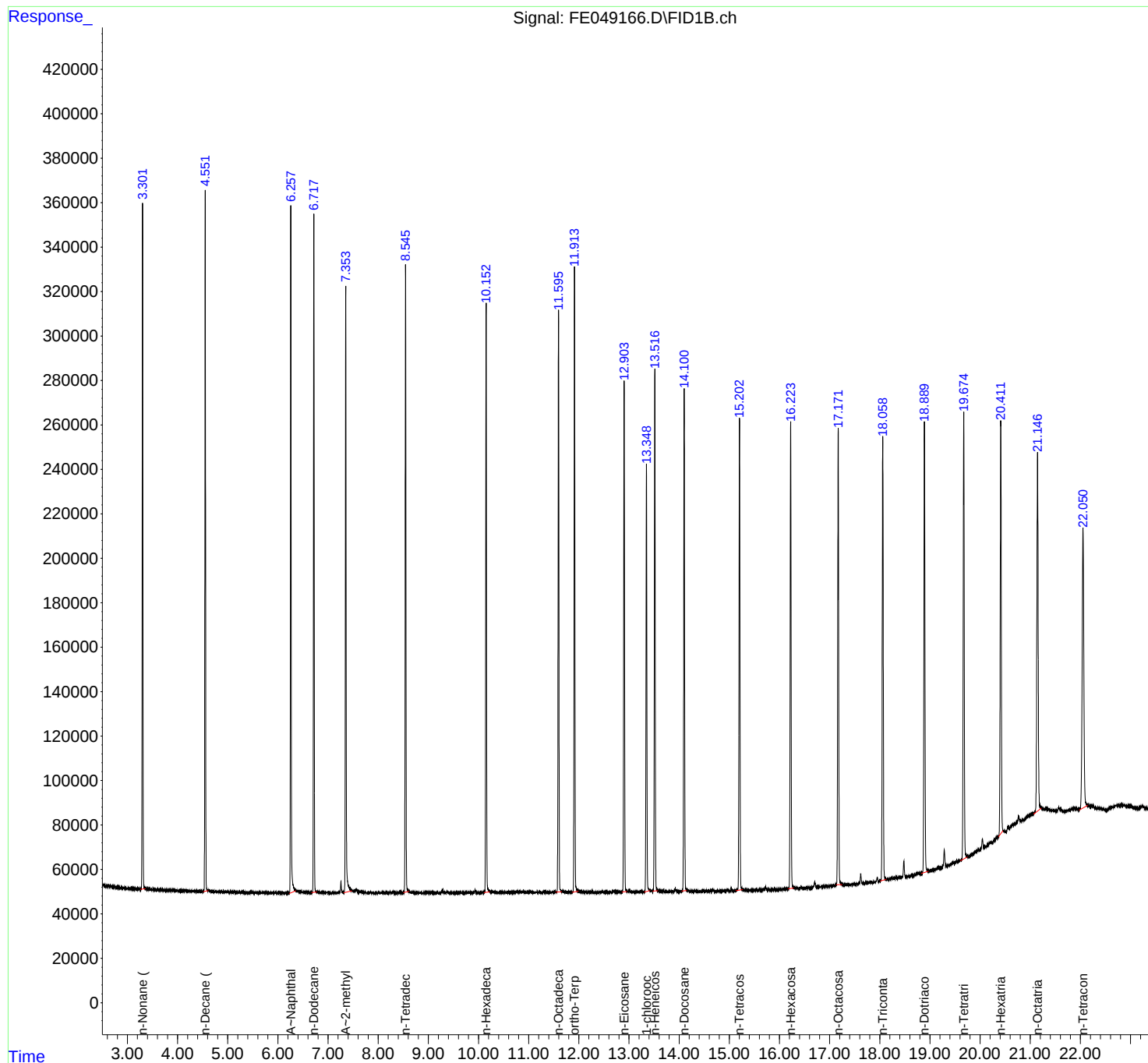
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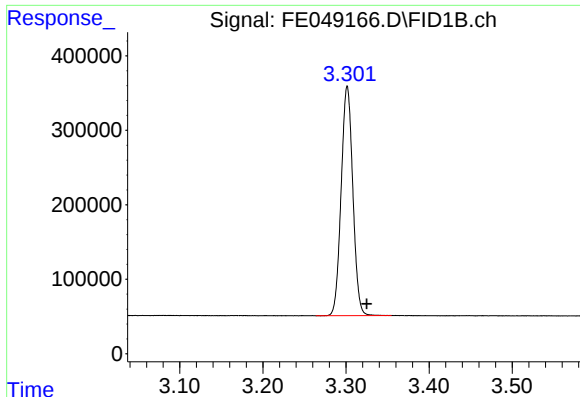
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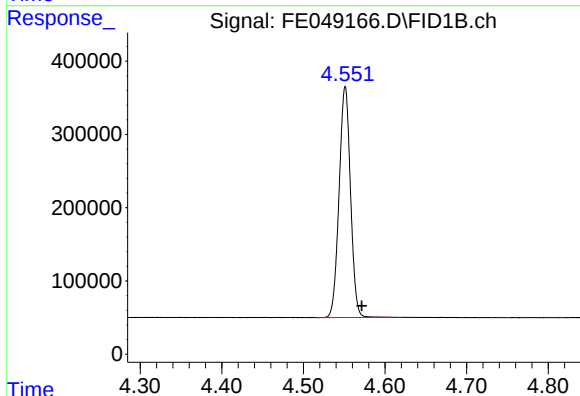
#1 n-Nonane (C9)

R.T.: 3.302 min
Delta R.T.: -0.023 min
Response: 3005681
Conc: 19.99 ug/ml

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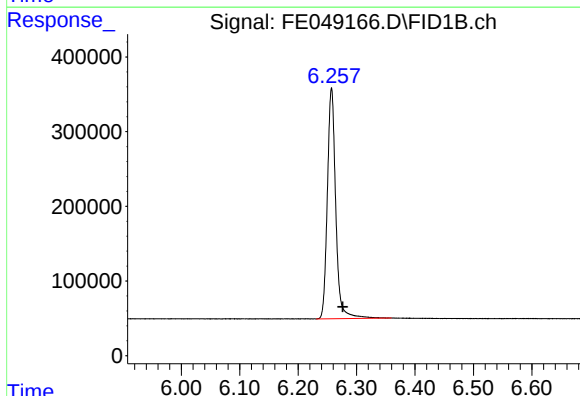
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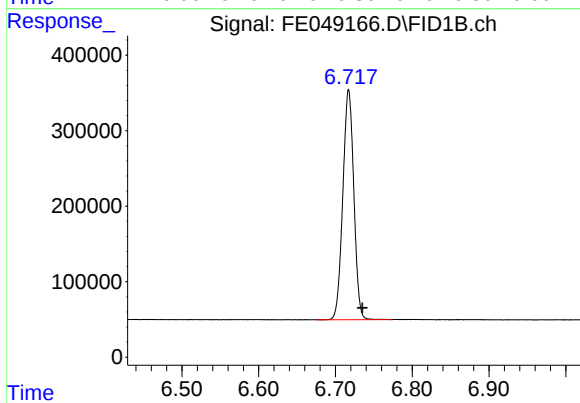
#2 n-Decane (C10)

R.T.: 4.551 min
Delta R.T.: -0.020 min
Response: 3056910
Conc: 19.86 ug/ml



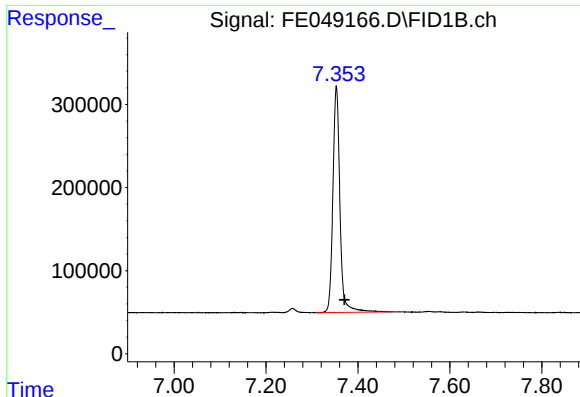
#3 A~Naphthalene (C11.7)

R.T.: 6.257 min
Delta R.T.: -0.019 min
Response: 3085471
Conc: 19.44 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.717 min
Delta R.T.: -0.018 min
Response: 3026785
Conc: 19.61 ug/ml



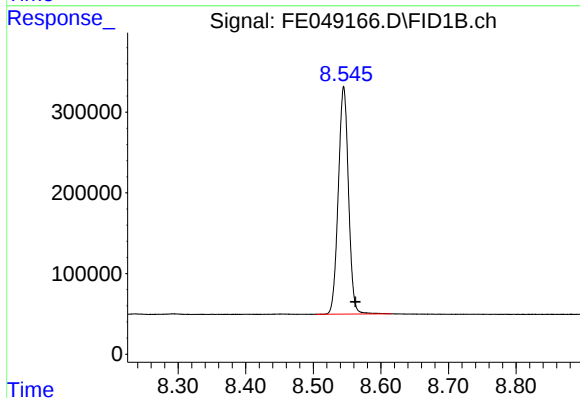
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.353 min
Delta R.T.: -0.017 min
Response: 2892950
Conc: 19.10 ug/ml

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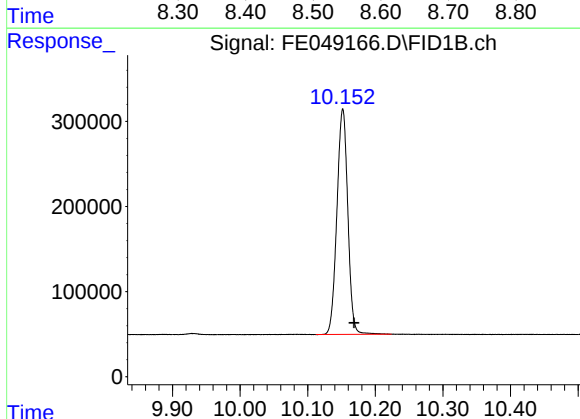
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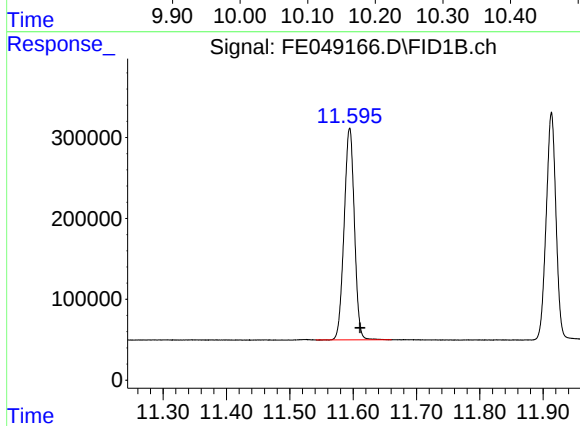
#6 n-Tetradecane (C14)

R.T.: 8.545 min
Delta R.T.: -0.017 min
Response: 2954604
Conc: 19.28 ug/ml



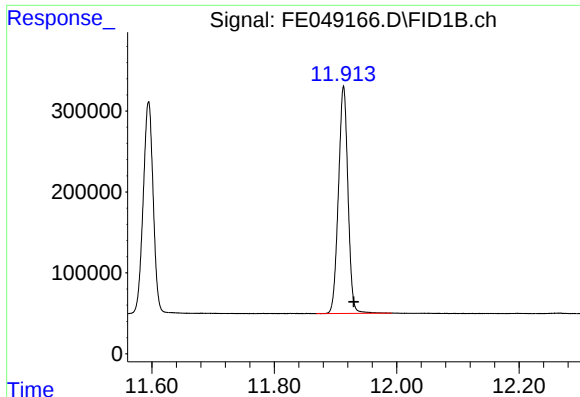
#7 n-Hexadecane (C16)

R.T.: 10.152 min
Delta R.T.: -0.017 min
Response: 2969979
Conc: 18.99 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.595 min
Delta R.T.: -0.016 min
Response: 2961778
Conc: 18.57 ug/ml



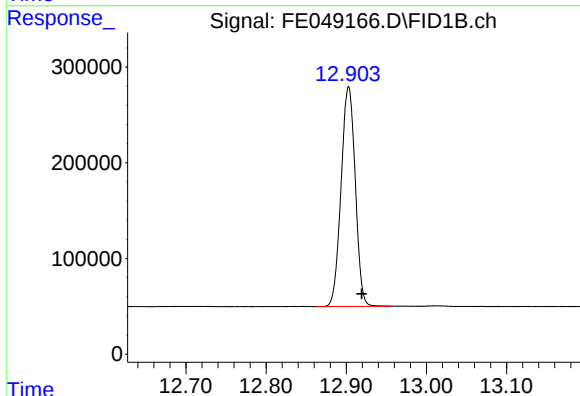
#9 ortho-Terphenyl (SURR)

R.T.: 11.913 min
Delta R.T.: -0.017 min
Response: 3035054
Conc: 18.15 ug/ml

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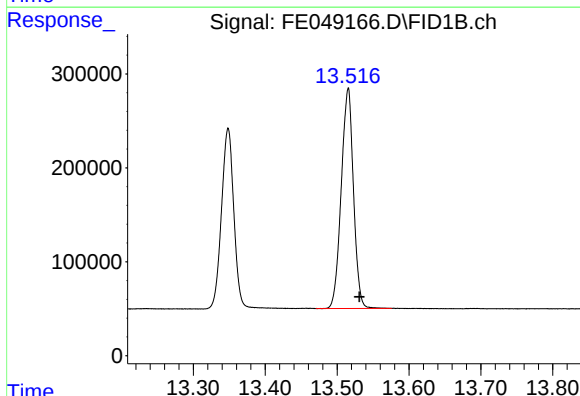
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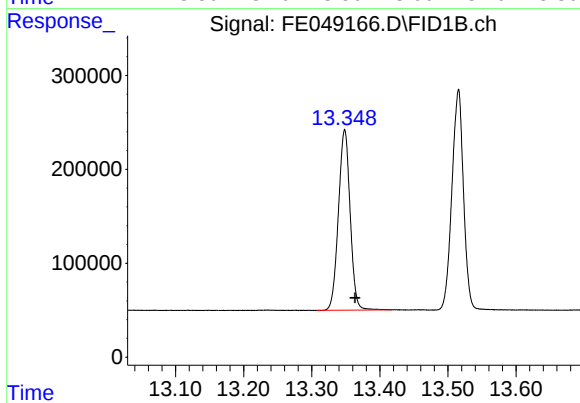
#10 n-Eicosane (C20)

R.T.: 12.903 min
Delta R.T.: -0.017 min
Response: 2820551
Conc: 18.19 ug/ml



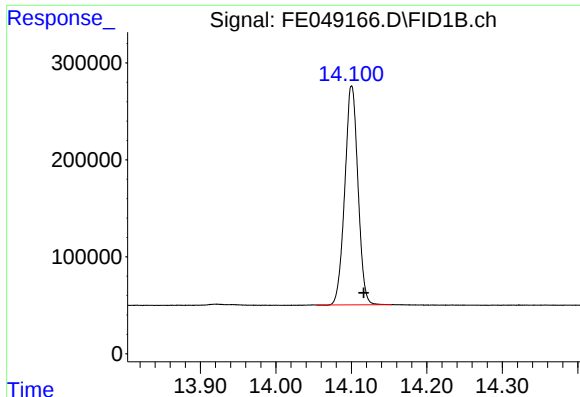
#11 n-Heneicosane (C21)

R.T.: 13.516 min
Delta R.T.: -0.015 min
Response: 2767078
Conc: 18.17 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.348 min
Delta R.T.: -0.015 min
Response: 2293239
Conc: 17.83 ug/ml



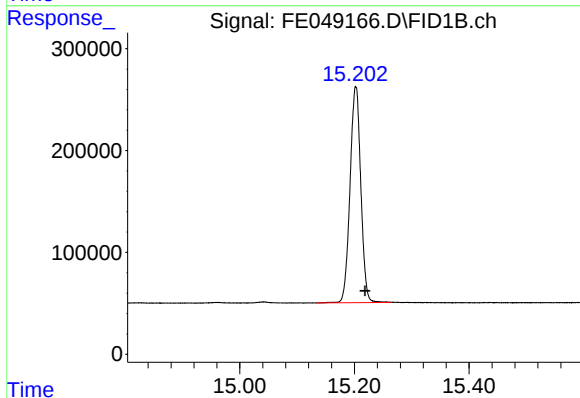
#13 n-Docosane (C22)

R.T.: 14.100 min
Delta R.T.: -0.016 min
Response: 2741092
Conc: 18.12 ug/ml

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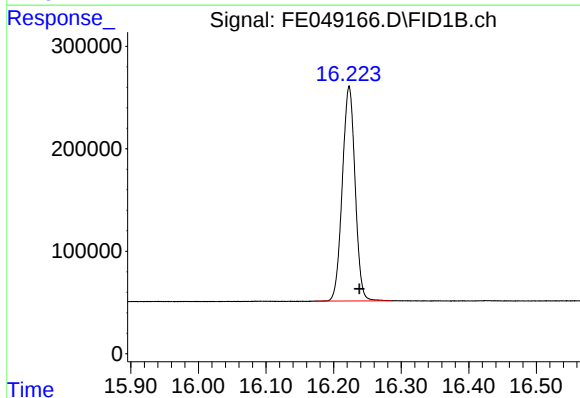
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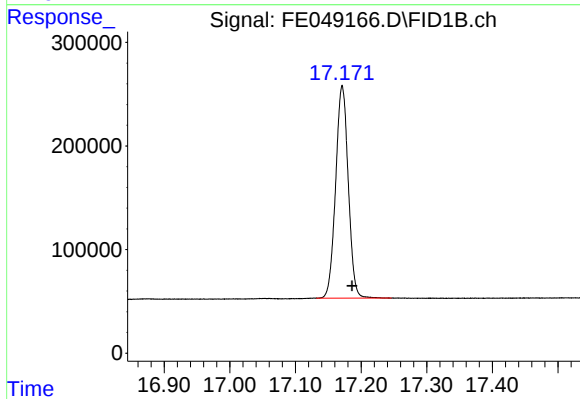
#14 n-Tetracosane (C24)

R.T.: 15.203 min
Delta R.T.: -0.016 min
Response: 2765161
Conc: 18.40 ug/ml



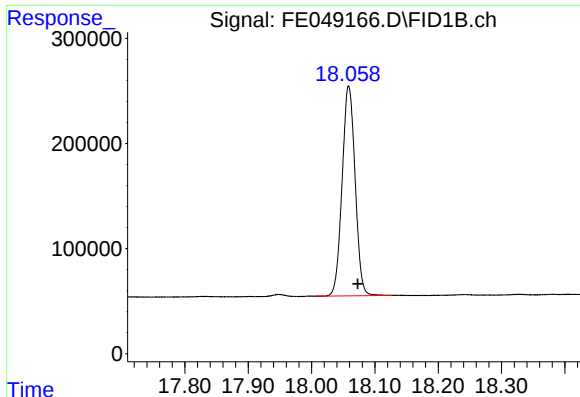
#15 n-Hexacosane (C26)

R.T.: 16.223 min
Delta R.T.: -0.015 min
Response: 2755926
Conc: 18.67 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.171 min
Delta R.T.: -0.015 min
Response: 2737529
Conc: 18.98 ug/ml



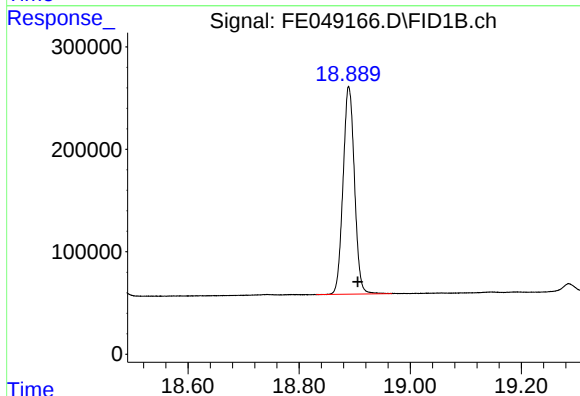
#17 n-Tricontane (C30)

R.T.: 18.059 min
Delta R.T.: -0.015 min
Response: 2849002
Conc: 19.47 ug/ml

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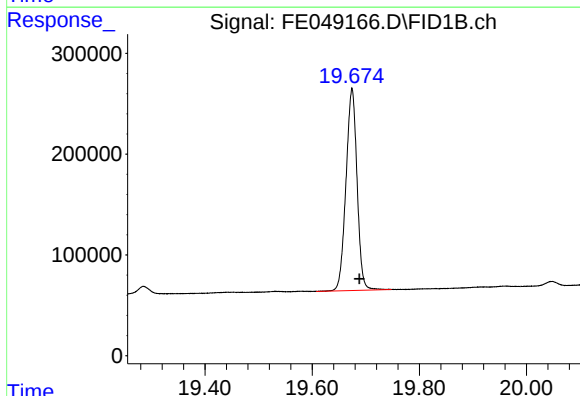
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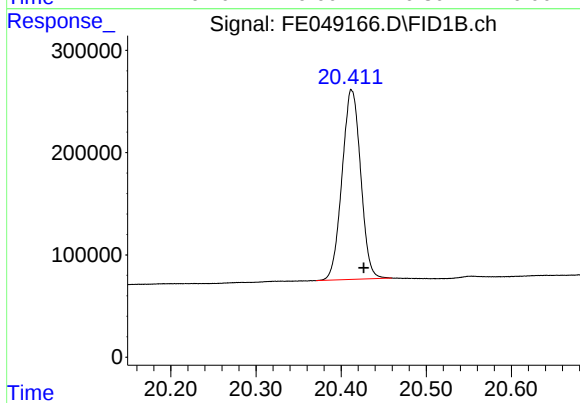
#18 n-Dotriacontane (C32)

R.T.: 18.889 min
Delta R.T.: -0.016 min
Response: 2891383
Conc: 20.22 ug/ml



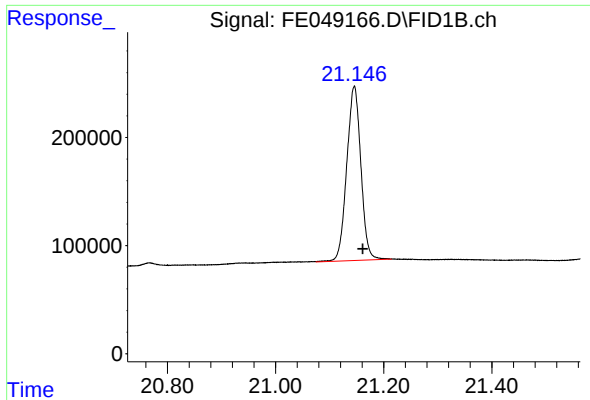
#19 n-Tetratriacontane (C34)

R.T.: 19.674 min
Delta R.T.: -0.014 min
Response: 2875826
Conc: 20.78 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.411 min
Delta R.T.: -0.015 min
Response: 2815885
Conc: 21.67 ug/ml m



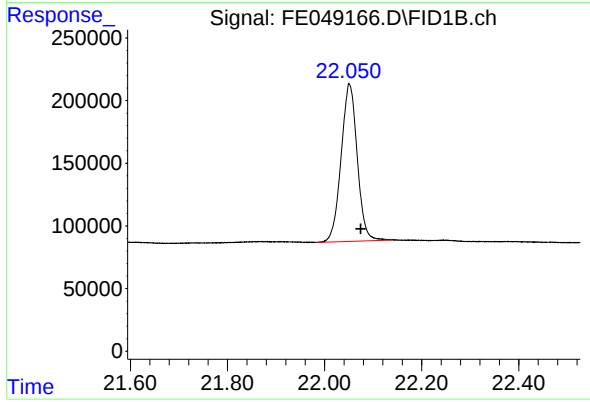
#21 n-Octatriacontane (C38)

R.T.: 21.146 min
Delta R.T.: -0.016 min
Response: 2922145
Conc: 22.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.050 min
Delta R.T.: -0.024 min
Response: 2897353
Conc: 23.66 ug/ml m