

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010423AL\
 Data File : FE039643.D
 Signal(s) : FID1B.ch
 Acq On : 04 Jan 2023 23:21
 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 02:36:54 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)	11.925	2893505	19.389 ug/ml
Spiked Amount 50.000		Recovery =	38.78%
12) S 1-chlorooctadecane (S...	13.362	2251763	19.564 ug/ml
Spiked Amount 50.000		Recovery =	39.13%
Target Compounds			
1) T n-Nonane (C9)	3.319	2329110	18.019 ug/ml
2) T n-Decane (C10)	4.569	2345122	18.405 ug/ml
3) T A~Naphthalene (C11.7)	6.272	2662590	18.419 ug/ml
4) T n-Dodecane (C12)	6.733	2381369	18.343 ug/ml
5) T A~2-methylnaphthalene...	7.367	2515196	18.572 ug/ml
6) T n-Tetradecane (C14)	8.559	2454500	18.523 ug/ml
7) T n-Hexadecane (C16)	10.166	2588212	18.813 ug/ml
8) T n-Octadecane (C18)	11.608	2683022	19.156 ug/ml
10) T n-Eicosane (C20)	12.917	2640050	19.340 ug/ml
11) T n-Heneicosane (C21)	13.528	2655265	19.468 ug/mlm
13) T n-Docosane (C22)	14.115	2660818	19.670 ug/ml
14) T n-Tetracosane (C24)	15.218	2689717	20.037 ug/ml
15) T n-Hexacosane (C26)	16.238	2638710	20.265 ug/ml
16) T n-Octacosane (C28)	17.189	2706462	21.029 ug/ml
17) T n-Tricontane (C30)	18.076	2897508	22.505 ug/mlm
18) T n-Dotriacontane (C32)	18.910	2960094	22.858 ug/mlm
19) T n-Tetratriacontane (C34)	19.693	2747845	21.780 ug/ml
20) T n-Hexatriacontane (C36)	20.434	2481301	20.521 ug/ml
21) T n-Octatriacontane (C38)	21.169	2669611	21.617 ug/ml
22) T n-Tetracontane (C40)	22.079	2454415	19.544 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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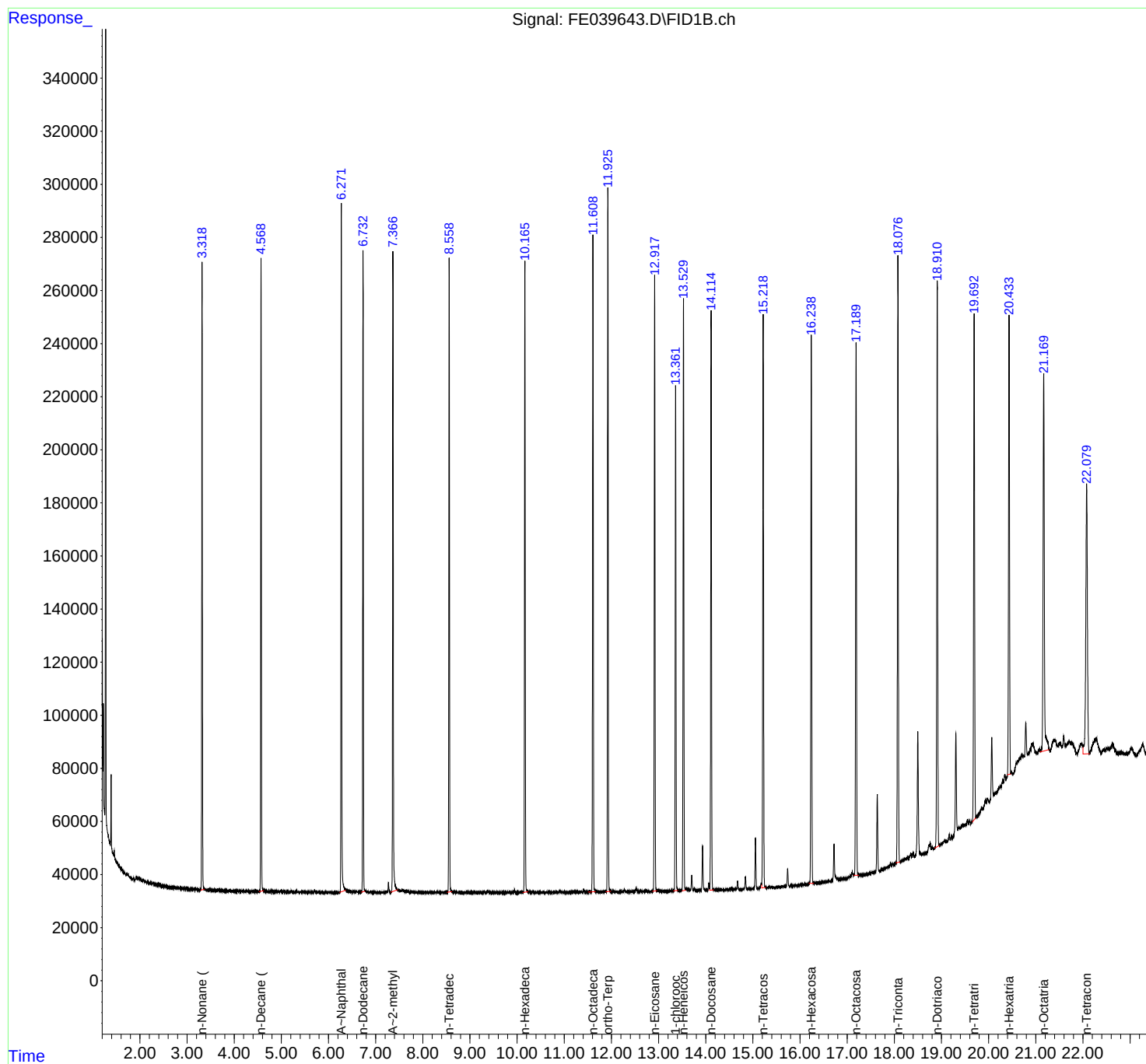
Instrument :
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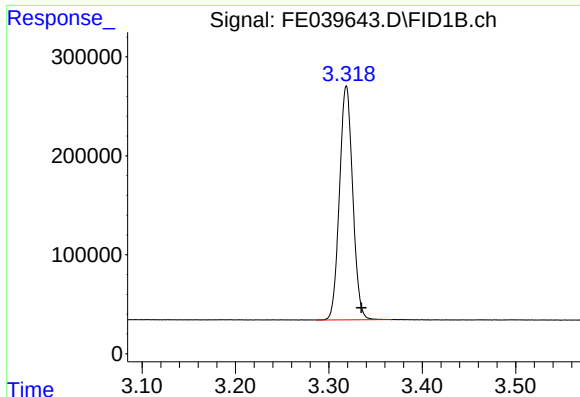
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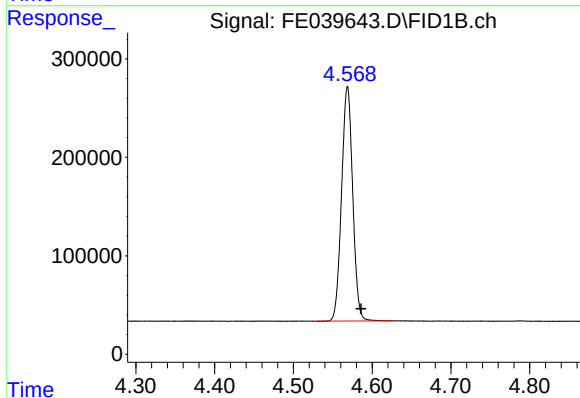
#1 n-Nonane (C9)

R.T.: 3.319 min
Delta R.T.: -0.016 min
Response: 2329110
Conc: 18.02 ug/ml

Instrument :
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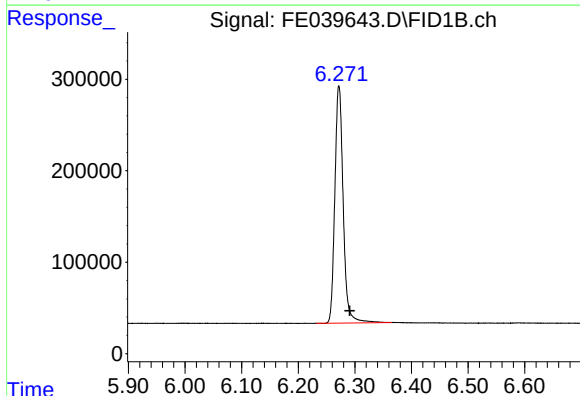
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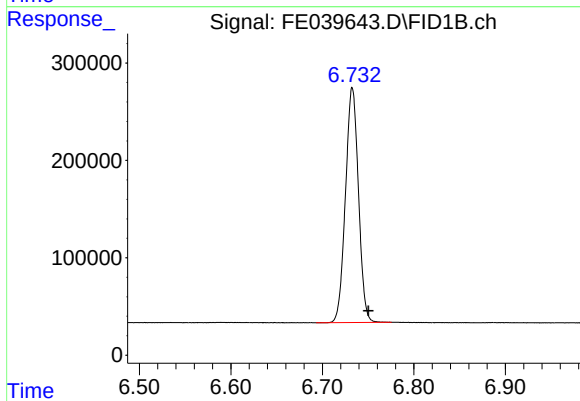
#2 n-Decane (C10)

R.T.: 4.569 min
Delta R.T.: -0.017 min
Response: 2345122
Conc: 18.40 ug/ml



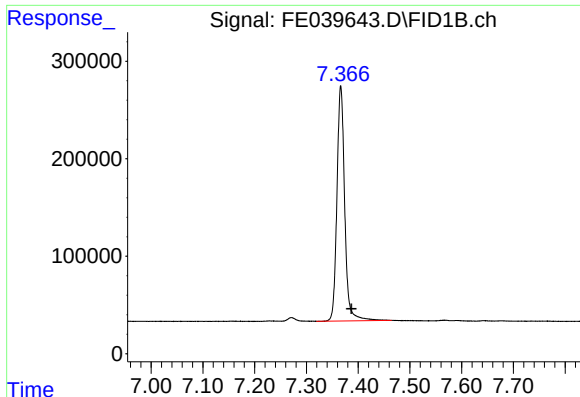
#3 A~Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: -0.019 min
Response: 2662590
Conc: 18.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.733 min
Delta R.T.: -0.018 min
Response: 2381369
Conc: 18.34 ug/ml



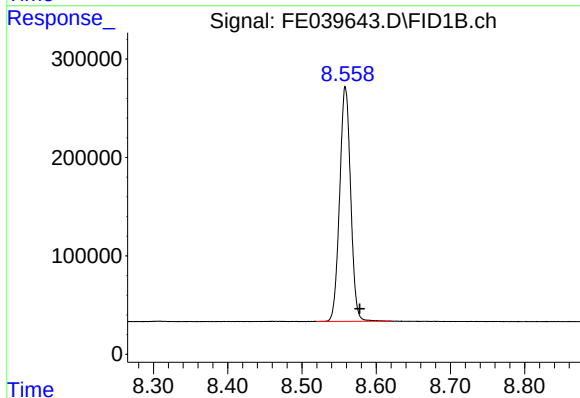
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.367 min
Delta R.T.: -0.021 min
Response: 2515196
Conc: 18.57 ug/ml

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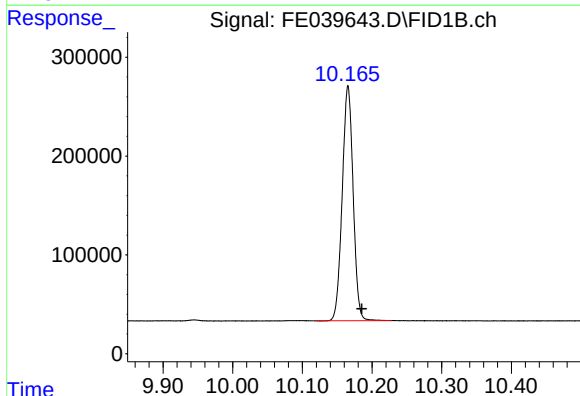
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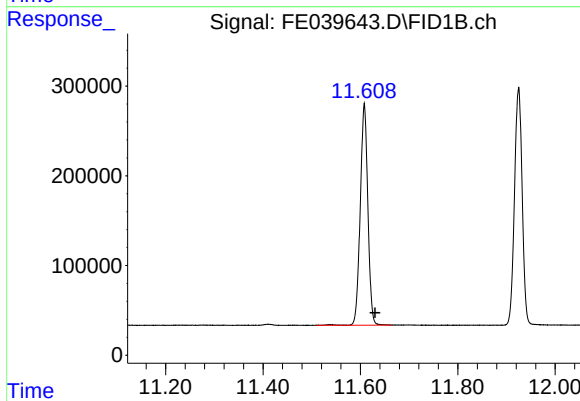
#6 n-Tetradecane (C14)

R.T.: 8.559 min
Delta R.T.: -0.019 min
Response: 2454500
Conc: 18.52 ug/ml



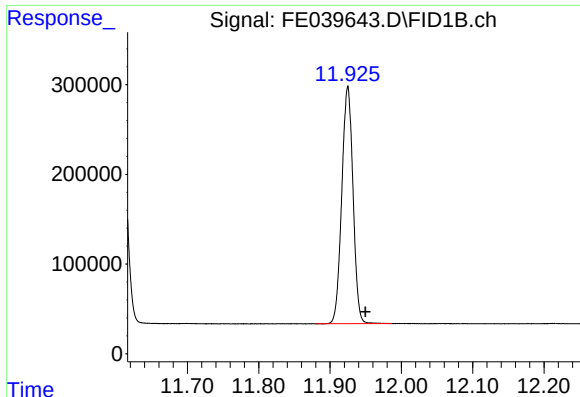
#7 n-Hexadecane (C16)

R.T.: 10.166 min
Delta R.T.: -0.020 min
Response: 2588212
Conc: 18.81 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.608 min
Delta R.T.: -0.022 min
Response: 2683022
Conc: 19.16 ug/ml



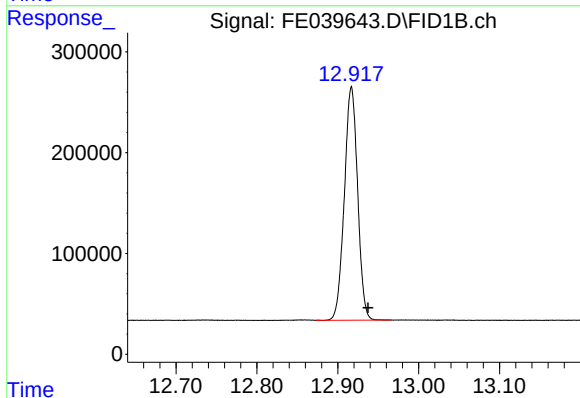
#9 ortho-Terphenyl (SURR)

R.T.: 11.925 min
Delta R.T.: -0.025 min
Response: 2893505
Conc: 19.39 ug/ml

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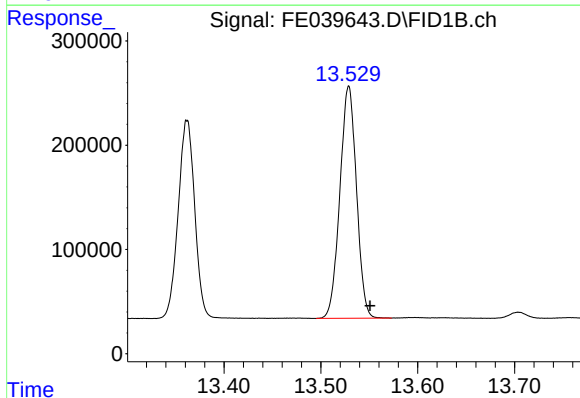
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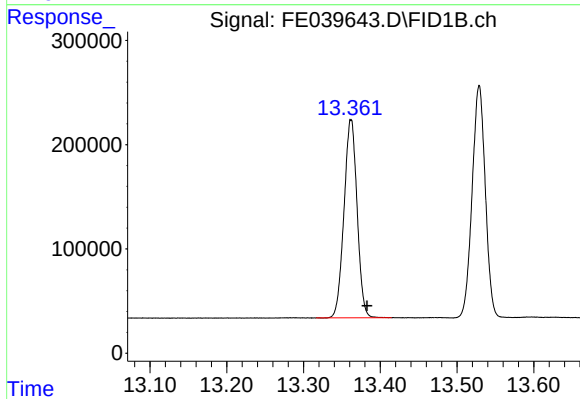
#10 n-Eicosane (C20)

R.T.: 12.917 min
Delta R.T.: -0.021 min
Response: 2640050
Conc: 19.34 ug/ml



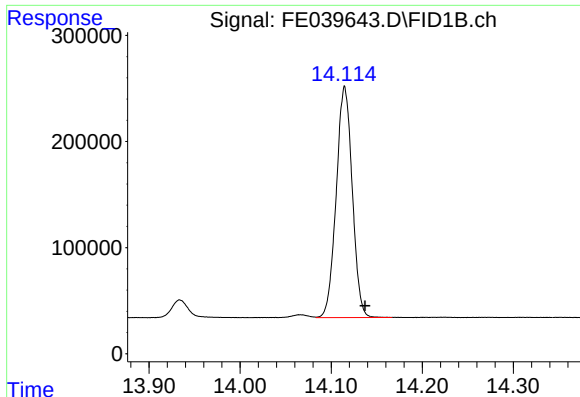
#11 n-Heneicosane (C21)

R.T.: 13.528 min
Delta R.T.: -0.022 min
Response: 2655265
Conc: 19.47 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.362 min
Delta R.T.: -0.021 min
Response: 2251763
Conc: 19.56 ug/ml



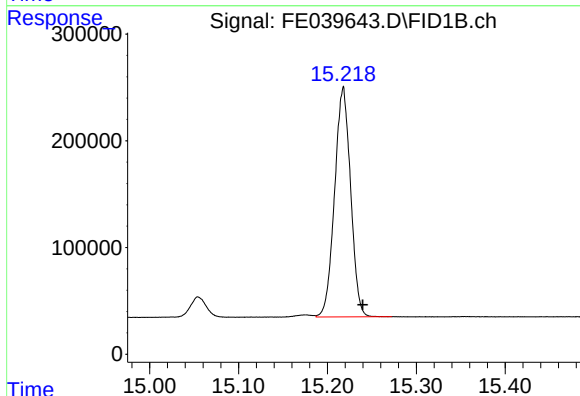
#13 n-Docosane (C22)

R.T.: 14.115 min
Delta R.T.: -0.022 min
Response: 2660818
Conc: 19.67 ug/ml

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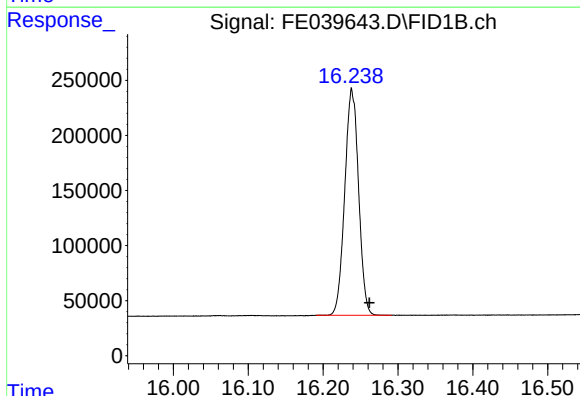
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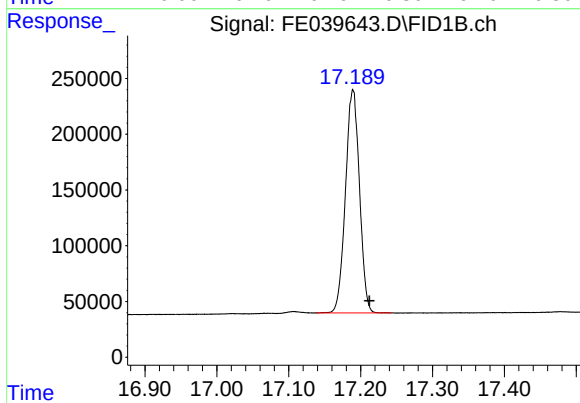
#14 n-Tetracosane (C24)

R.T.: 15.218 min
Delta R.T.: -0.022 min
Response: 2689717
Conc: 20.04 ug/ml



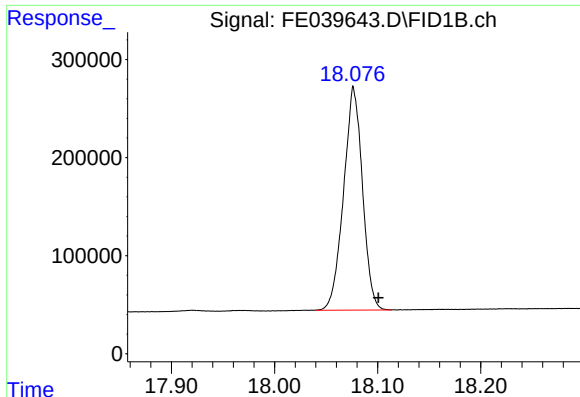
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: -0.024 min
Response: 2638710
Conc: 20.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.189 min
Delta R.T.: -0.023 min
Response: 2706462
Conc: 21.03 ug/ml



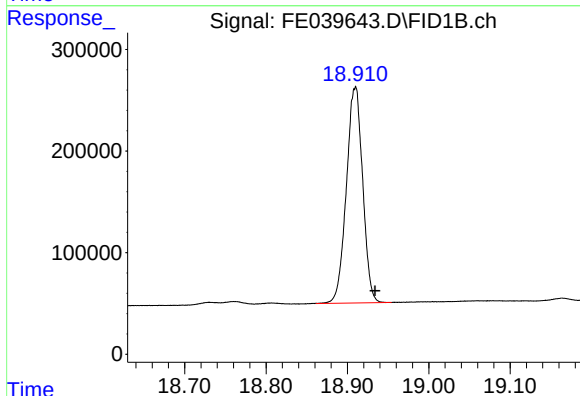
#17 n-Tricontane (C30)

R.T.: 18.076 min
Delta R.T.: -0.025 min
Response: 2897508
Conc: 22.51 ug/ml

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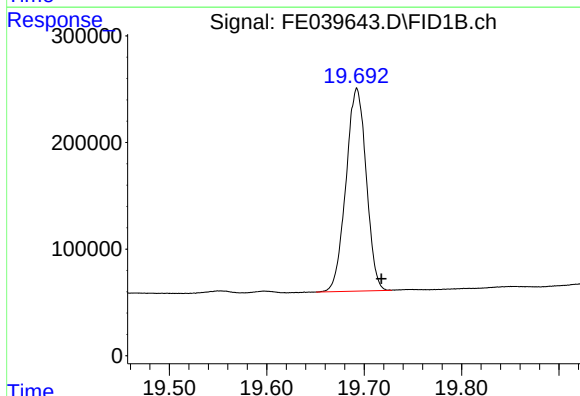
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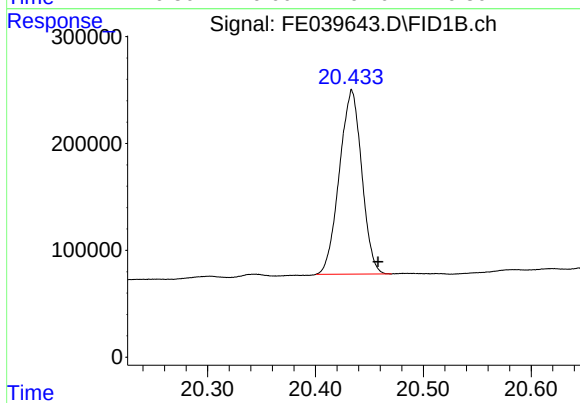
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: -0.024 min
Response: 2960094
Conc: 22.86 ug/ml m



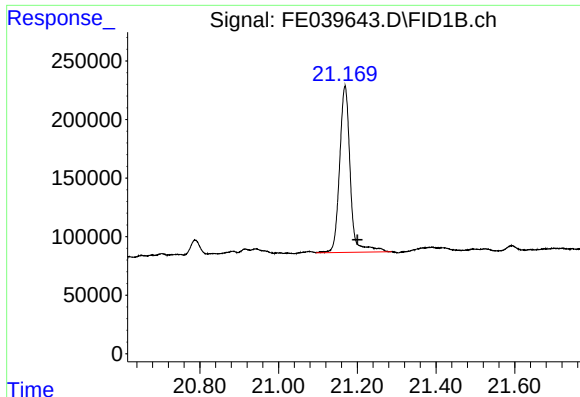
#19 n-Tetratriacontane (C34)

R.T.: 19.693 min
Delta R.T.: -0.025 min
Response: 2747845
Conc: 21.78 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.434 min
Delta R.T.: -0.024 min
Response: 2481301
Conc: 20.52 ug/ml



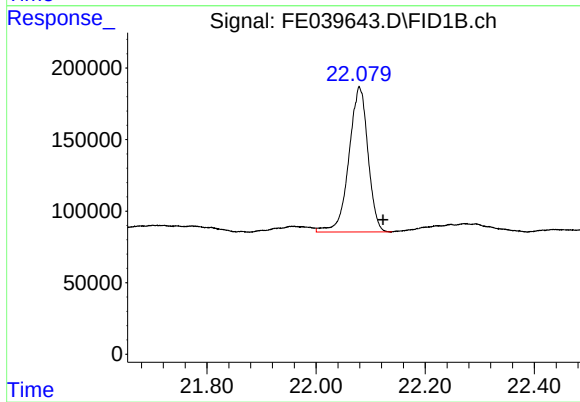
#21 n-Octatriacontane (C38)

R.T.: 21.169 min
Delta R.T.: -0.031 min
Response: 2669611
Conc: 21.62 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.079 min
Delta R.T.: -0.043 min
Response: 2454415
Conc: 19.54 ug/ml