

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010523AL\
 Data File : FE039658.D
 Signal(s) : FID1B.ch
 Acq On : 05 Jan 2023 19:01
 Operator : YP\AJ
 Sample : 01029-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-205MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/06/2023
 Supervised By :Ankita Jodhani 01/06/2023

Integration File: autoint1.e
 Quant Time: Jan 06 02:47:43 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)	11.924	5029658	33.703 ug/ml
Spiked Amount 50.000		Recovery =	67.41%
12) S 1-chlorooctadecane (S...	13.360	4084441	35.486 ug/ml
Spiked Amount 50.000		Recovery =	70.97%
Target Compounds			
1) T n-Nonane (C9)	3.320	3450554	26.695 ug/ml
2) T n-Decane (C10)	4.569	3908262	30.672 ug/ml
3) T A~Naphthalene (C11.7)	6.270	4777014	33.046 ug/ml
4) T n-Dodecane (C12)	6.732	4218602	32.495 ug/ml
5) T A~2-methylnaphthalene...	7.365	4668191	34.469 ug/ml
6) T n-Tetradecane (C14)	8.559	4376957	33.031 ug/ml
7) T n-Hexadecane (C16)	10.164	4920177	35.764 ug/ml
8) T n-Octadecane (C18)	11.607	5349540	38.194 ug/ml
10) T n-Eicosane (C20)	12.916	5237334	38.367 ug/ml
11) T n-Heneicosane (C21)	13.527	5171917	37.920 ug/mlm
13) T n-Docosane (C22)	14.115	5177431	38.273 ug/ml
14) T n-Tetracosane (C24)	15.210	4220924	31.443 ug/mlm
15) T n-Hexacosane (C26)	16.239	4956718	38.067 ug/ml
16) T n-Octacosane (C28)	17.186	4819412	37.446 ug/mlm
17) T n-Tricontane (C30)	18.075	4587194	35.629 ug/mlm
18) T n-Dotriacontane (C32)	18.907	4492539	34.691 ug/ml
19) T n-Tetratriacontane (C34)	19.690	4043975	32.054 ug/ml
20) T n-Hexatriacontane (C36)	20.428	3311350	27.385 ug/mlm
21) T n-Octatriacontane (C38)	21.165	2678419	21.688 ug/ml
22) T n-Tetracontane (C40)	22.074	2250552	17.921 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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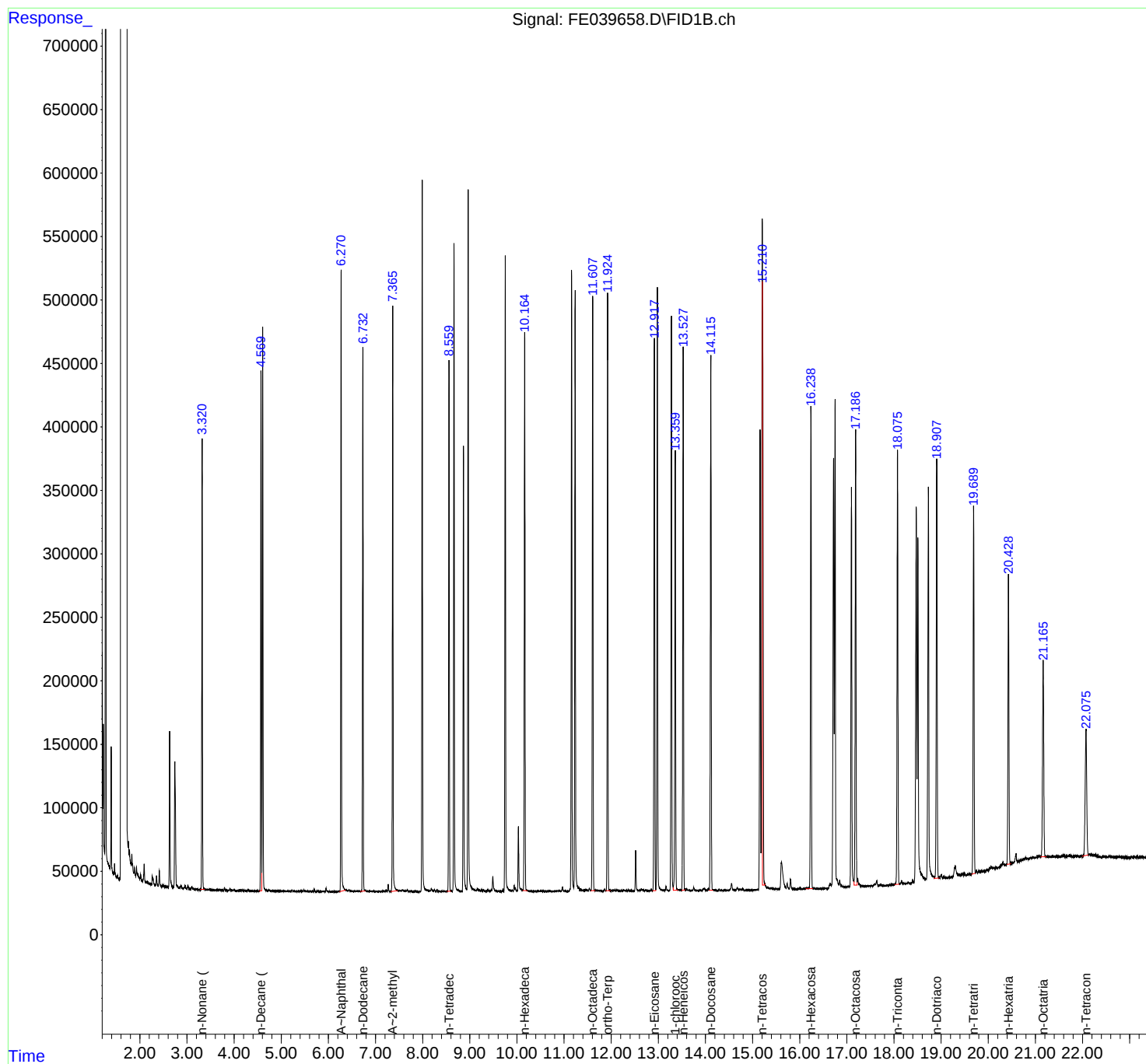
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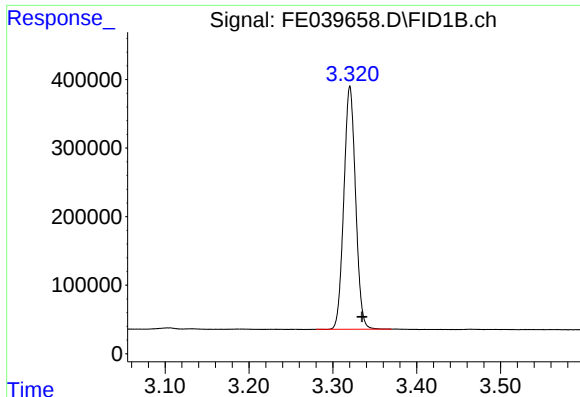
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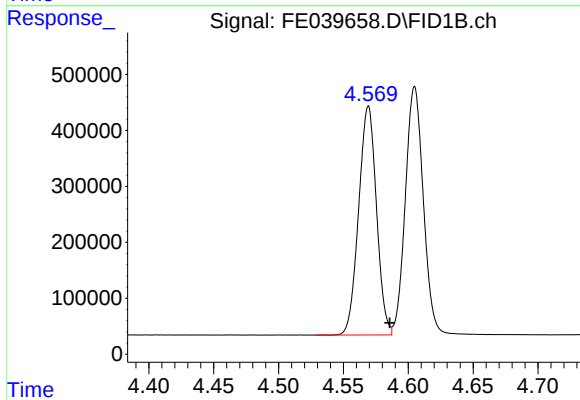
#1 n-Nonane (C9)

R.T.: 3.320 min
Delta R.T.: -0.015 min
Response: 3450554
Conc: 26.70 ug/ml

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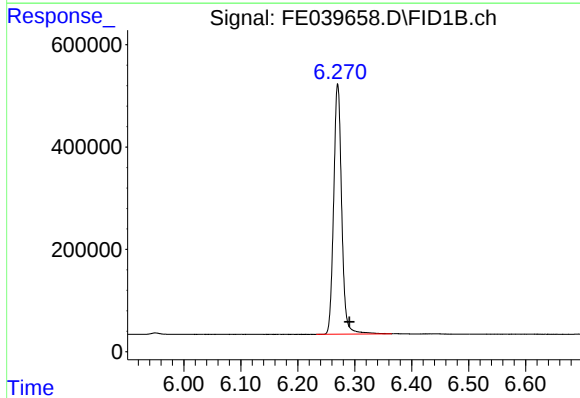
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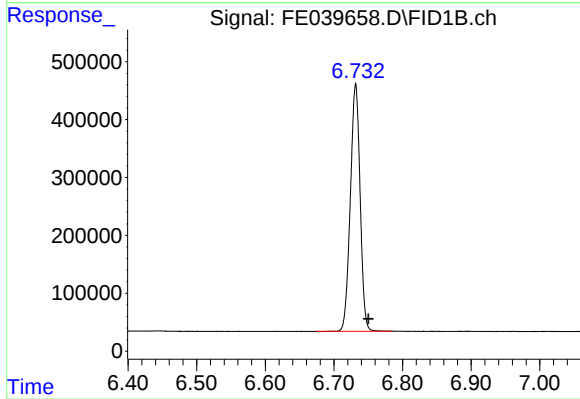
#2 n-Decane (C10)

R.T.: 4.569 min
Delta R.T.: -0.017 min
Response: 3908262
Conc: 30.67 ug/ml



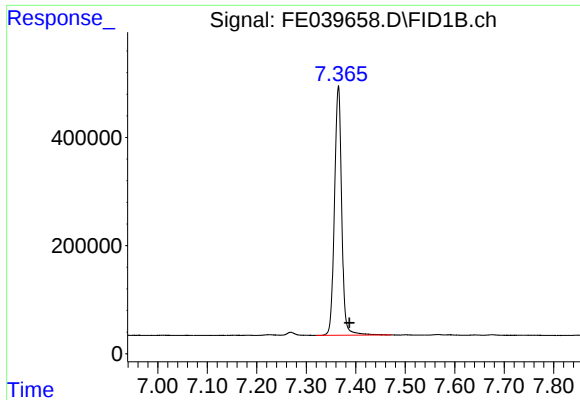
#3 A~Naphthalene (C11.7)

R.T.: 6.270 min
Delta R.T.: -0.021 min
Response: 4777014
Conc: 33.05 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.732 min
Delta R.T.: -0.019 min
Response: 4218602
Conc: 32.49 ug/ml



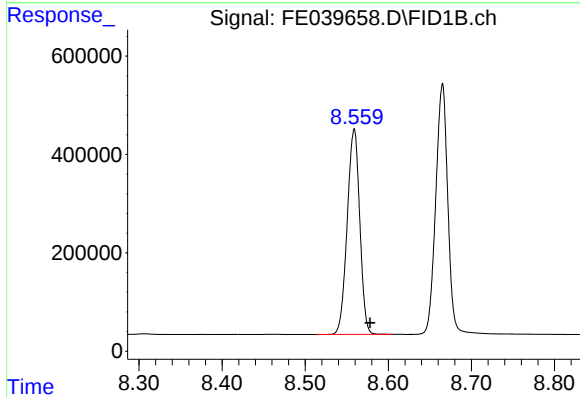
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.365 min
Delta R.T.: -0.022 min
Response: 4668191
Conc: 34.47 ug/ml

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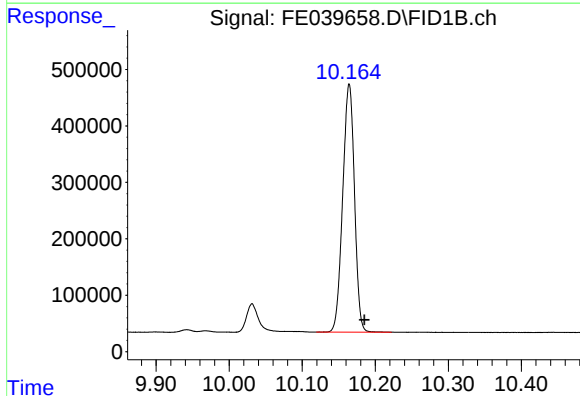
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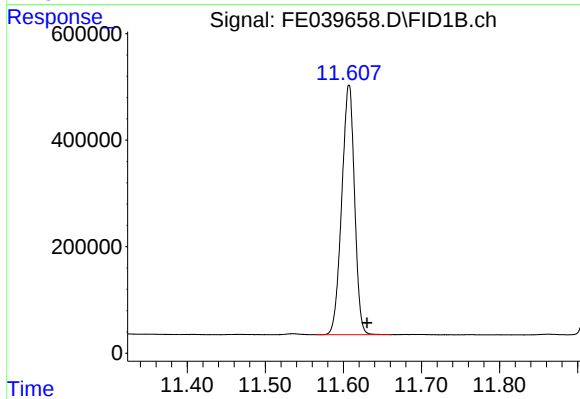
#6 n-Tetradecane (C14)

R.T.: 8.559 min
Delta R.T.: -0.019 min
Response: 4376957
Conc: 33.03 ug/ml



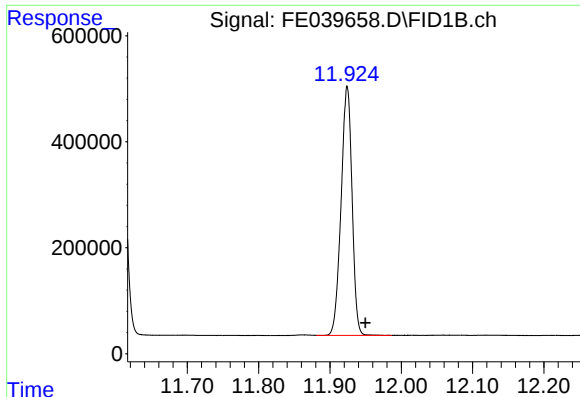
#7 n-Hexadecane (C16)

R.T.: 10.164 min
Delta R.T.: -0.021 min
Response: 4920177
Conc: 35.76 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.607 min
Delta R.T.: -0.023 min
Response: 5349540
Conc: 38.19 ug/ml



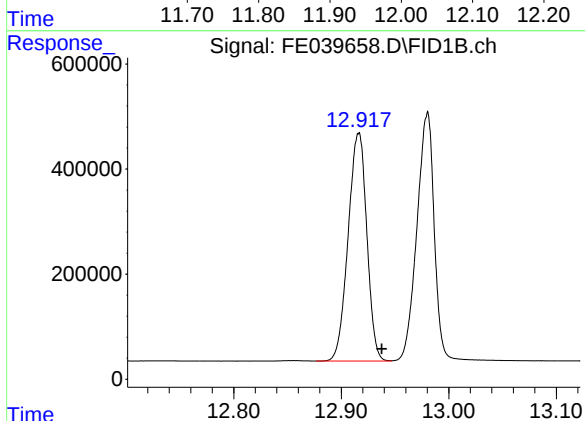
#9 ortho-Terphenyl (SURR)

R.T.: 11.924 min
Delta R.T.: -0.025 min
Response: 5029658
Conc: 33.70 ug/ml

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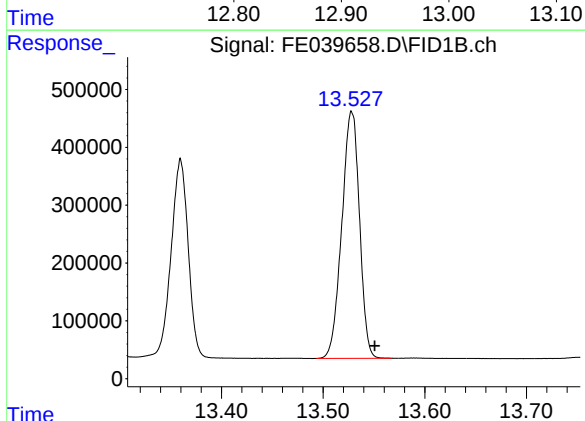
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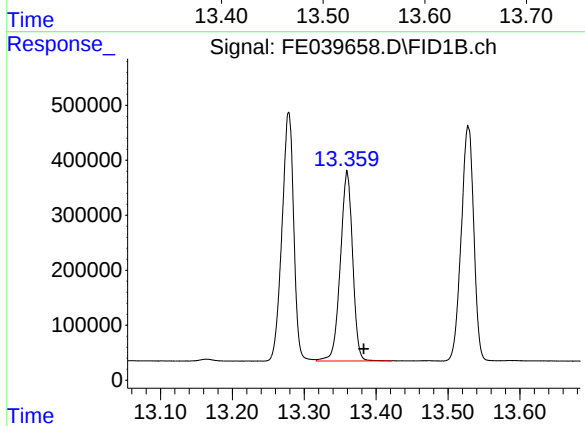
#10 n-Eicosane (C20)

R.T.: 12.916 min
Delta R.T.: -0.021 min
Response: 5237334
Conc: 38.37 ug/ml



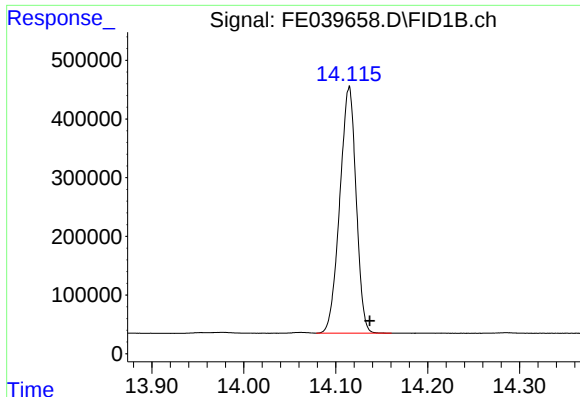
#11 n-Heneicosane (C21)

R.T.: 13.527 min
Delta R.T.: -0.023 min
Response: 5171917
Conc: 37.92 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.360 min
Delta R.T.: -0.023 min
Response: 4084441
Conc: 35.49 ug/ml



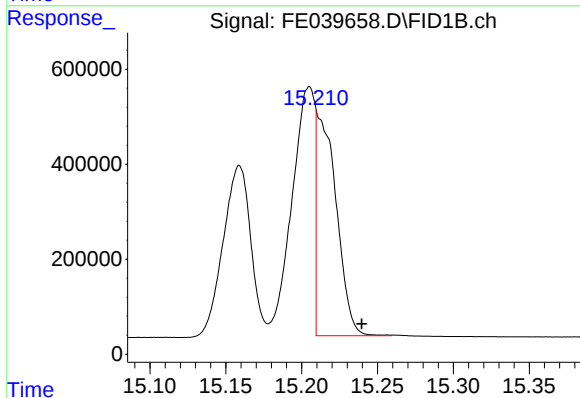
#13 n-Docosane (C22)

R.T.: 14.115 min
Delta R.T.: -0.022 min
Response: 5177431
Conc: 38.27 ug/ml

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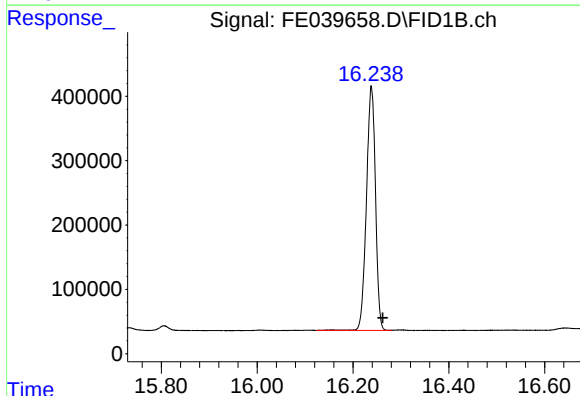
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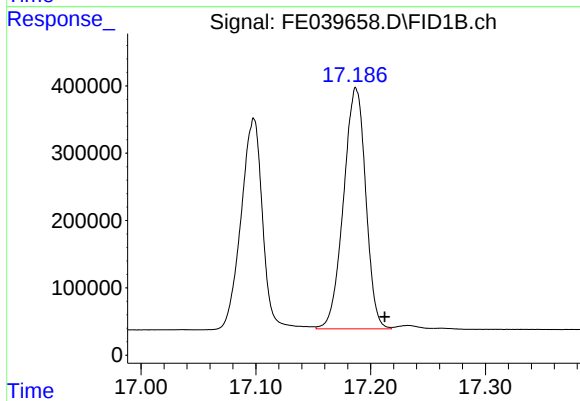
#14 n-Tetracosane (C24)

R.T.: 15.210 min
Delta R.T.: -0.030 min
Response: 4220924
Conc: 31.44 ug/ml m



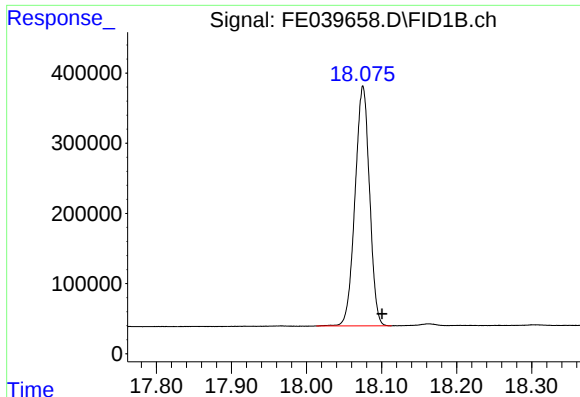
#15 n-Hexacosane (C26)

R.T.: 16.239 min
Delta R.T.: -0.024 min
Response: 4956718
Conc: 38.07 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.186 min
Delta R.T.: -0.026 min
Response: 4819412
Conc: 37.45 ug/ml m



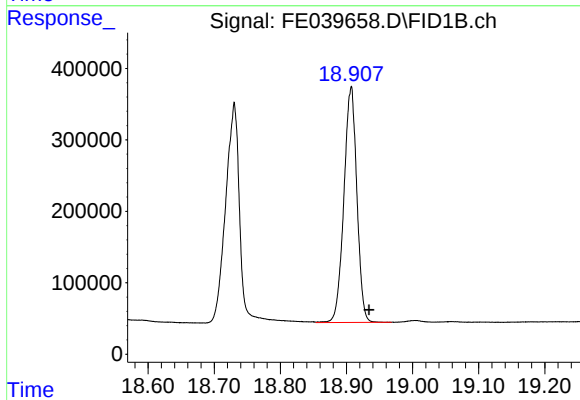
#17 n-Tricontane (C30)

R.T.: 18.075 min
Delta R.T.: -0.026 min
Response: 4587194
Conc: 35.63 ug/ml

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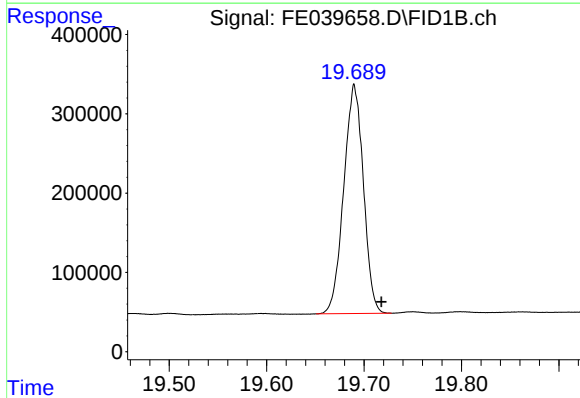
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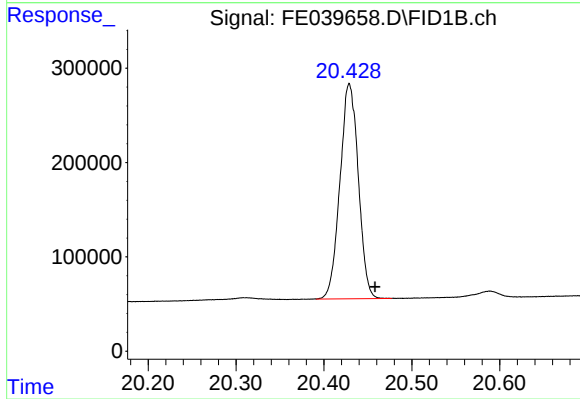
#18 n-Dotriacontane (C32)

R.T.: 18.907 min
Delta R.T.: -0.027 min
Response: 4492539
Conc: 34.69 ug/ml



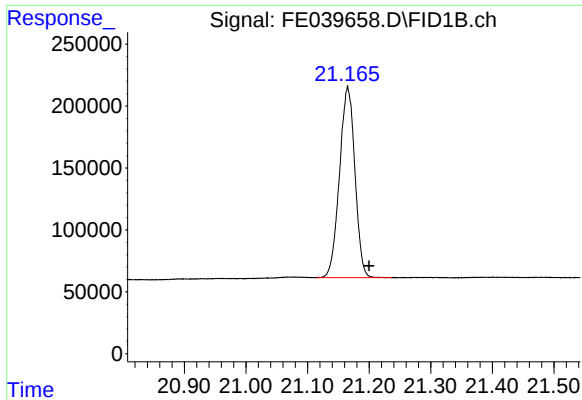
#19 n-Tetratriacontane (C34)

R.T.: 19.690 min
Delta R.T.: -0.028 min
Response: 4043975
Conc: 32.05 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.428 min
Delta R.T.: -0.030 min
Response: 3311350
Conc: 27.39 ug/ml m



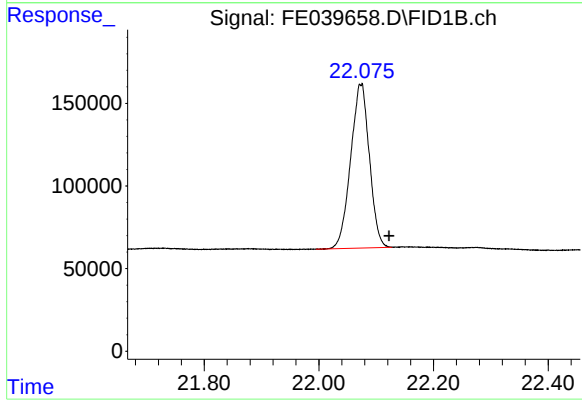
#21 n-Octatriacontane (C38)

R.T.: 21.165 min
Delta R.T.: -0.035 min
Response: 2678419
Conc: 21.69 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.074 min
Delta R.T.: -0.049 min
Response: 2250552
Conc: 17.92 ug/ml