

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010523AL\
 Data File : FE039659.D
 Signal(s) : FID1B.ch
 Acq On : 05 Jan 2023 19:32
 Operator : YP\AJ
 Sample : 01029-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-205MSD

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 02:48:00 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	5029893	33.705 ug/ml
Spiked Amount 50.000		Recovery =	67.41%
12) S 1-chlorooctadecane (S...	13.360	4082189	35.467 ug/ml
Spiked Amount 50.000		Recovery =	70.93%
Target Compounds			
1) T n-Nonane (C9)	3.321	3458752	26.758 ug/ml
2) T n-Decane (C10)	4.570	3918644	30.754 ug/ml
3) T A~Naphthalene (C11.7)	6.270	4790749	33.141 ug/ml
4) T n-Dodecane (C12)	6.731	4233581	32.610 ug/ml
5) T A~2-methylnaphthalene...	7.365	4670734	34.488 ug/ml
6) T n-Tetradecane (C14)	8.559	4391197	33.138 ug/ml
7) T n-Hexadecane (C16)	10.164	4941139	35.916 ug/ml
8) T n-Octadecane (C18)	11.607	5360763	38.274 ug/ml
10) T n-Eicosane (C20)	12.916	5237289	38.367 ug/ml
11) T n-Heneicosane (C21)	13.527	5174828	37.941 ug/mlm
13) T n-Docosane (C22)	14.114	5172877	38.240 ug/ml
14) T n-Tetracosane (C24)	15.211	4002556	29.816 ug/mlm
15) T n-Hexacosane (C26)	16.239	4906400	37.681 ug/ml
16) T n-Octacosane (C28)	17.185	4843531	37.634 ug/mlm
17) T n-Tricontane (C30)	18.074	4556800	35.393 ug/mlm
18) T n-Dotriacontane (C32)	18.905	4452514	34.382 ug/ml
19) T n-Tetratriacontane (C34)	19.691	4045870	32.069 ug/ml
20) T n-Hexatriacontane (C36)	20.429	3304040	27.325 ug/mlm
21) T n-Octatriacontane (C38)	21.166	2698736	21.853 ug/ml
22) T n-Tetracontane (C40)	22.073	2290314	18.237 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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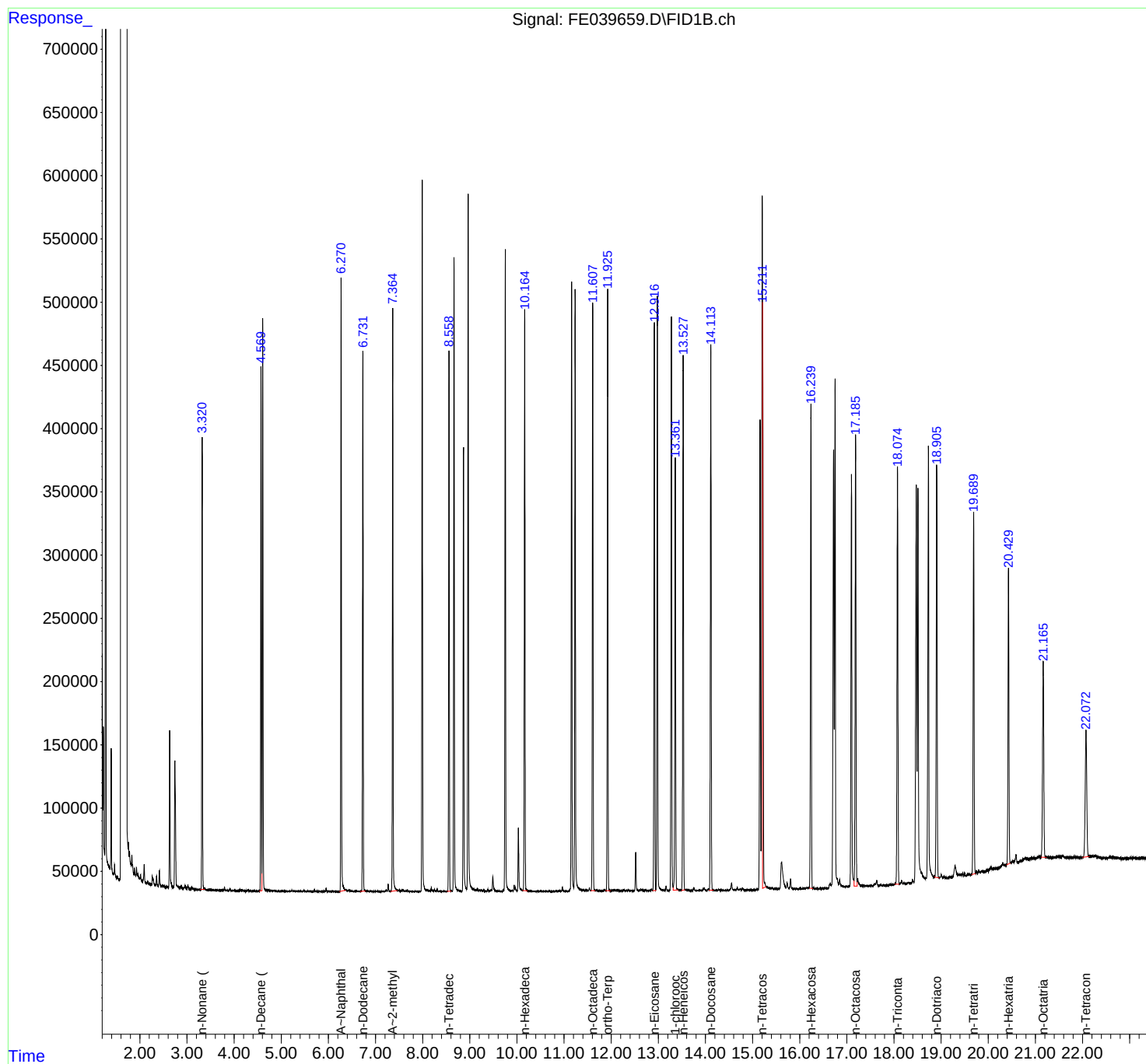
Instrument :
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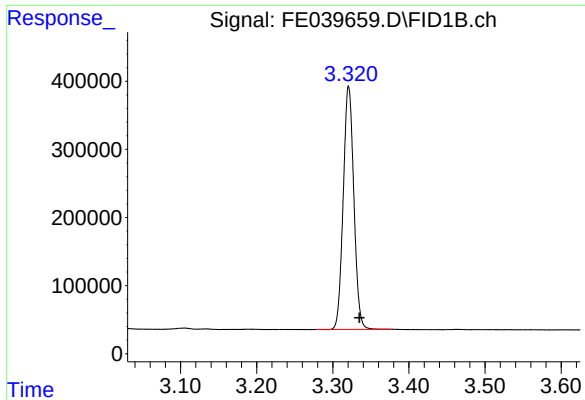
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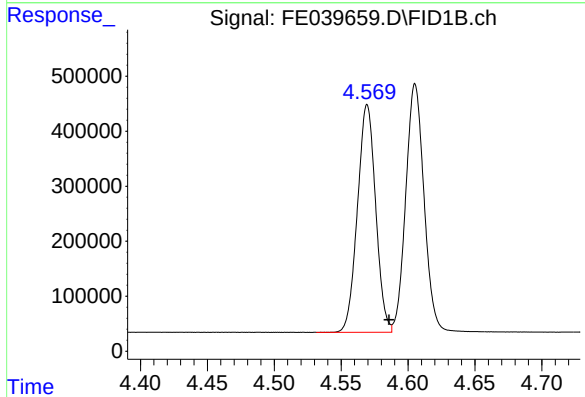
#1 n-Nonane (C9)

R.T.: 3.321 min
Delta R.T.: -0.014 min
Response: 3458752
Conc: 26.76 ug/ml

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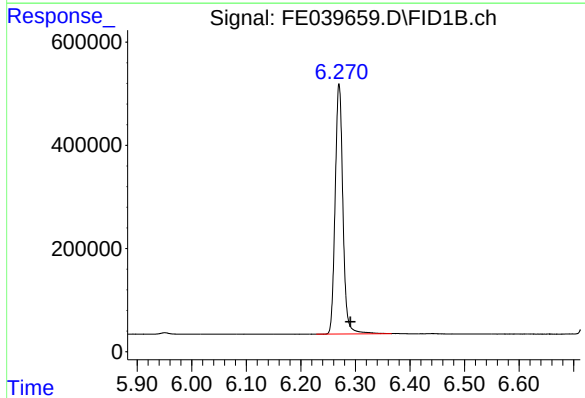
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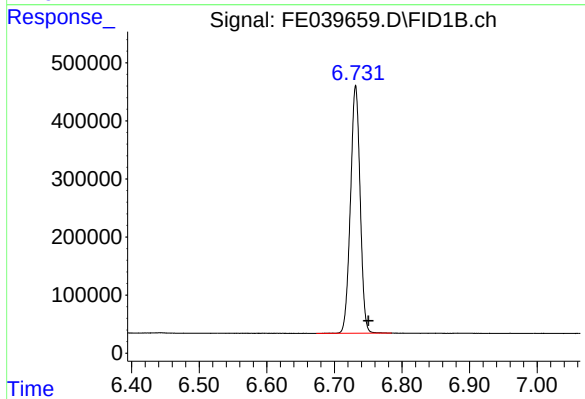
#2 n-Decane (C10)

R.T.: 4.570 min
Delta R.T.: -0.016 min
Response: 3918644
Conc: 30.75 ug/ml



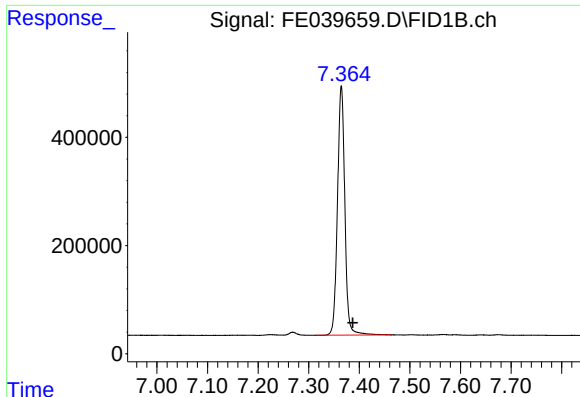
#3 A~Naphthalene (C11.7)

R.T.: 6.270 min
Delta R.T.: -0.021 min
Response: 4790749
Conc: 33.14 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.731 min
Delta R.T.: -0.019 min
Response: 4233581
Conc: 32.61 ug/ml



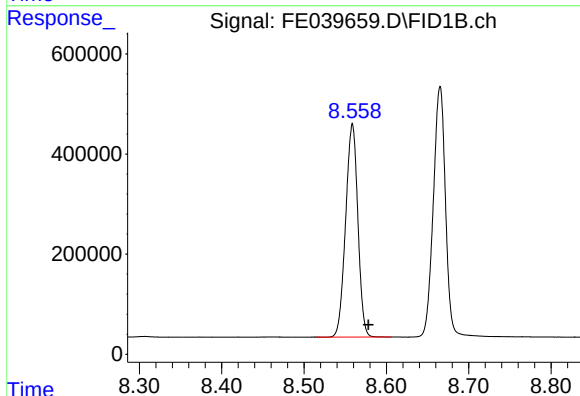
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.365 min
Delta R.T.: -0.022 min
Response: 4670734
Conc: 34.49 ug/ml

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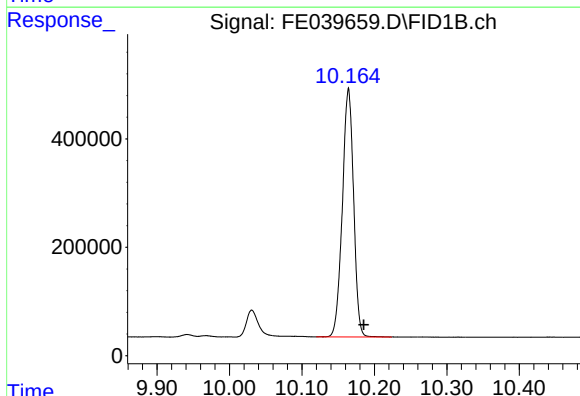
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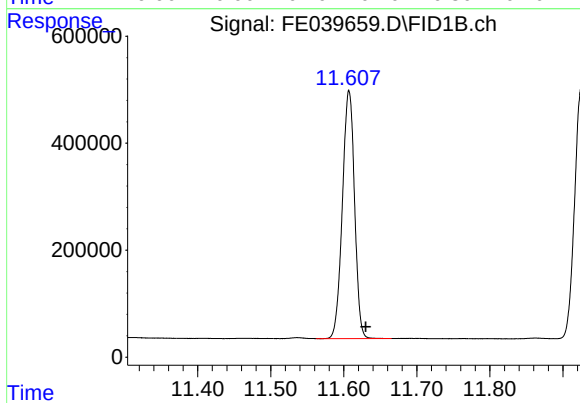
#6 n-Tetradecane (C14)

R.T.: 8.559 min
Delta R.T.: -0.019 min
Response: 4391197
Conc: 33.14 ug/ml



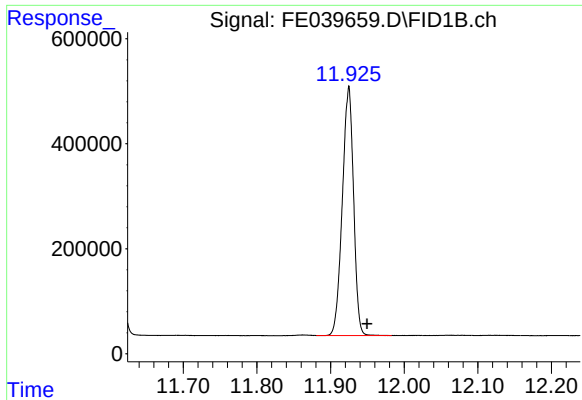
#7 n-Hexadecane (C16)

R.T.: 10.164 min
Delta R.T.: -0.021 min
Response: 4941139
Conc: 35.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.607 min
Delta R.T.: -0.023 min
Response: 5360763
Conc: 38.27 ug/ml



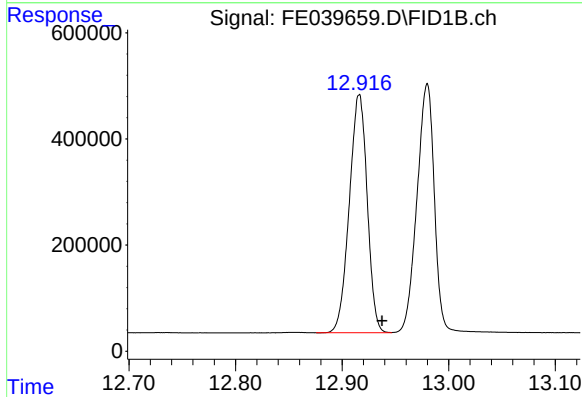
#9 ortho-Terphenyl (SURR)

R.T.: 11.925 min
Delta R.T.: -0.025 min
Response: 5029893
Conc: 33.70 ug/ml

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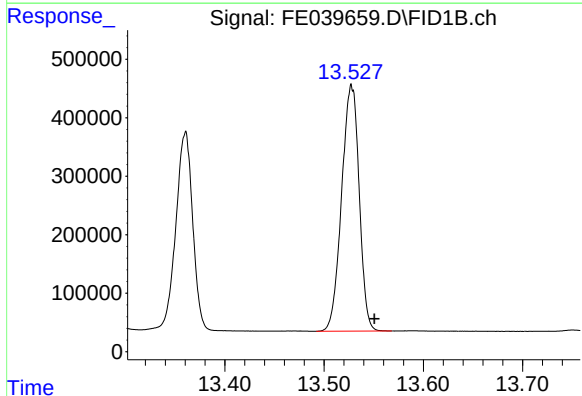
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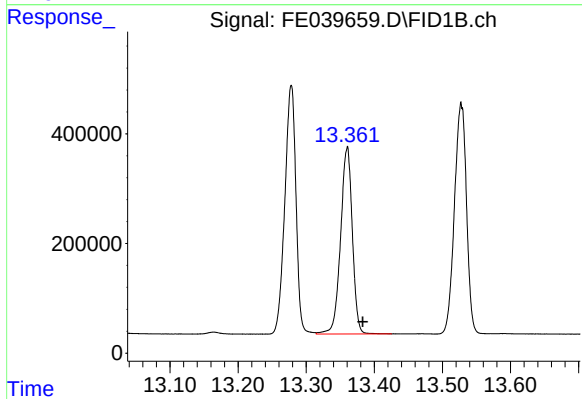
#10 n-Eicosane (C20)

R.T.: 12.916 min
Delta R.T.: -0.022 min
Response: 5237289
Conc: 38.37 ug/ml



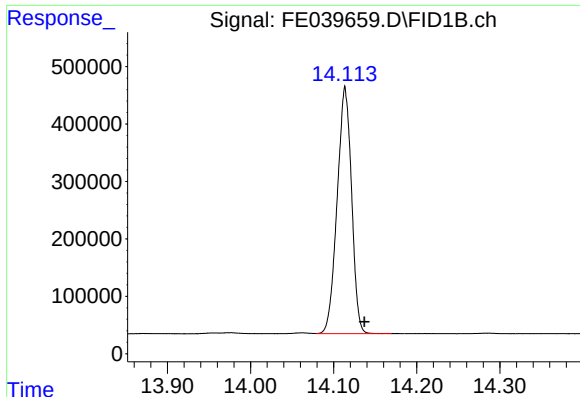
#11 n-Heneicosane (C21)

R.T.: 13.527 min
Delta R.T.: -0.024 min
Response: 5174828
Conc: 37.94 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.360 min
Delta R.T.: -0.023 min
Response: 4082189
Conc: 35.47 ug/ml



#13 n-Docosane (C22)

R.T.: 14.114 min
Delta R.T.: -0.023 min
Response: 5172877
Conc: 38.24 ug/ml

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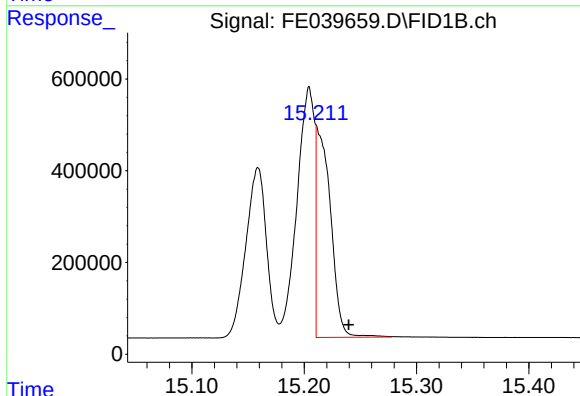
ClientSampleId :

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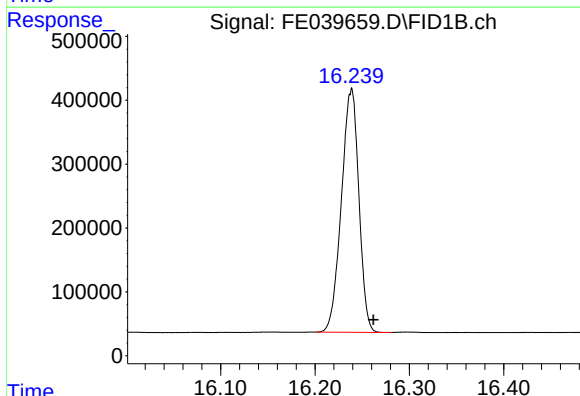
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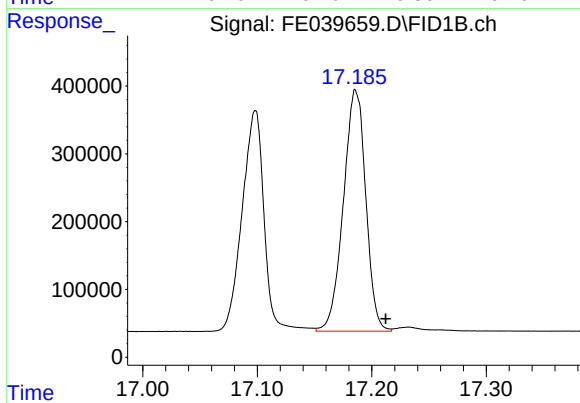
#14 n-Tetracosane (C24)

R.T.: 15.211 min
Delta R.T.: -0.029 min
Response: 4002556
Conc: 29.82 ug/ml m



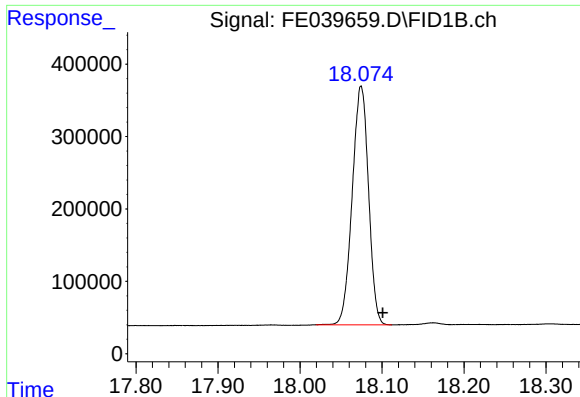
#15 n-Hexacosane (C26)

R.T.: 16.239 min
Delta R.T.: -0.023 min
Response: 4906400
Conc: 37.68 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.185 min
Delta R.T.: -0.027 min
Response: 4843531
Conc: 37.63 ug/ml m



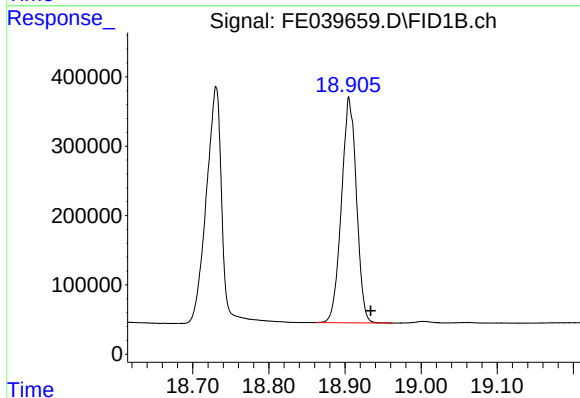
#17 n-Tricontane (C30)

R.T.: 18.074 min
Delta R.T.: -0.026 min
Response: 4556800
Conc: 35.39 ug/ml

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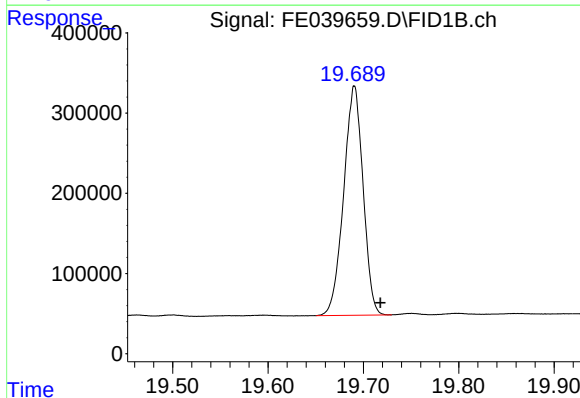
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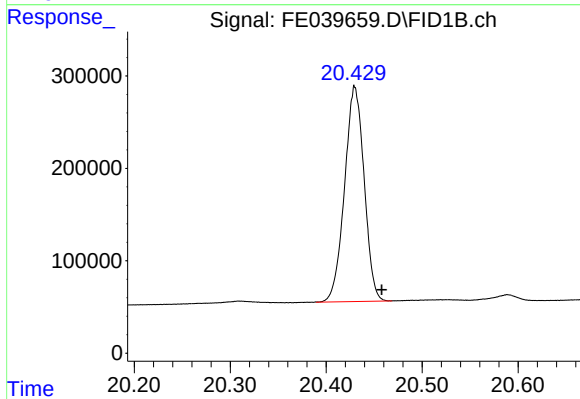
#18 n-Dotriacontane (C32)

R.T.: 18.905 min
Delta R.T.: -0.029 min
Response: 4452514
Conc: 34.38 ug/ml



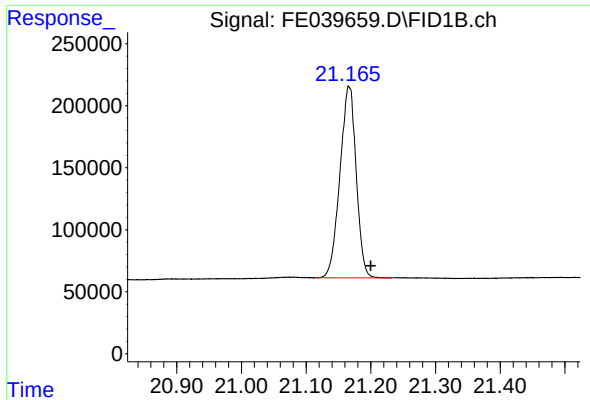
#19 n-Tetratriacontane (C34)

R.T.: 19.691 min
Delta R.T.: -0.027 min
Response: 4045870
Conc: 32.07 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.429 min
Delta R.T.: -0.029 min
Response: 3304040
Conc: 27.32 ug/ml m



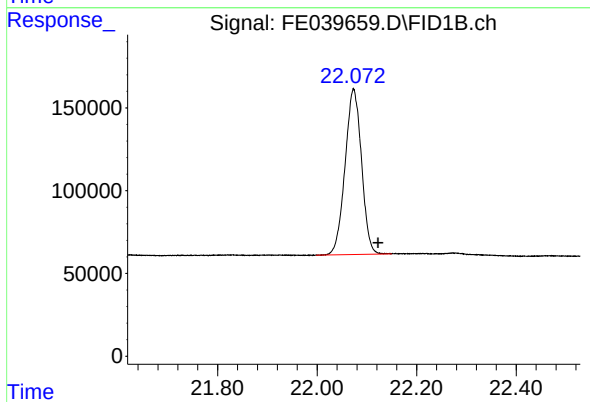
#21 n-Octatriacontane (C38)

R.T.: 21.166 min
Delta R.T.: -0.033 min
Response: 2698736
Conc: 21.85 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.073 min
Delta R.T.: -0.049 min
Response: 2290314
Conc: 18.24 ug/ml