

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121922AL\
 Data File : FE039389.D
 Signal(s) : FID1B.ch
 Acq On : 19 Dec 2022 19:51
 Operator : YP\AJ
 Sample : N6098-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 FVSUB-TP3-COMP-04MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/20/2022
 Supervised By :Ankita Jodhani 12/20/2022

Integration File: autoint1.e
 Quant Time: Dec 20 04:48:12 2022
 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)	11.936	4330307	29.017 ug/ml
Spiked Amount 50.000		Recovery =	58.03%
12) S 1-chlorooctadecane (S...	13.371	3411683	29.641 ug/ml
Spiked Amount 50.000		Recovery =	59.28%
Target Compounds			
1) T n-Nonane (C9)	3.332	4458169	34.490 ug/ml
2) T n-Decane (C10)	4.582	5165015	40.535 ug/ml
3) T A~Naphthalene (C11.7)	6.283	4744885	32.823 ug/ml
4) T n-Dodecane (C12)	6.744	5887184	45.347 ug/ml
5) T A~2-methylnaphthalene...	7.378	4859523	35.882 ug/ml
6) T n-Tetradecane (C14)	8.572	6516821	49.179 ug/ml
7) T n-Hexadecane (C16)	10.178	7460760	54.231 ug/ml
8) T n-Octadecane (C18)	11.621	8029534	57.329 ug/ml
10) T n-Eicosane (C20)	12.930	7955538	58.279 ug/ml
11) T n-Heneicosane (C21)	13.541	7903522	57.947 ug/ml
13) T n-Docosane (C22)	14.127	7969238	58.911 ug/ml
14) T n-Tetracosane (C24)	15.229	6773710	50.460 ug/mlm
15) T n-Hexacosane (C26)	16.252	7765546	59.639 ug/ml
16) T n-Octacosane (C28)	17.200	7579060	58.888 ug/ml
17) T n-Tricontane (C30)	18.088	7352484	57.107 ug/ml
18) T n-Dotriacontane (C32)	18.922	7348298	56.743 ug/ml
19) T n-Tetratriacontane (C34)	19.706	6781356	53.751 ug/ml
20) T n-Hexatriacontane (C36)	20.445	5868332	48.532 ug/ml
21) T n-Octatriacontane (C38)	21.182	5437113	44.026 ug/ml
22) T n-Tetracontane (C40)	22.096	4891055	38.947 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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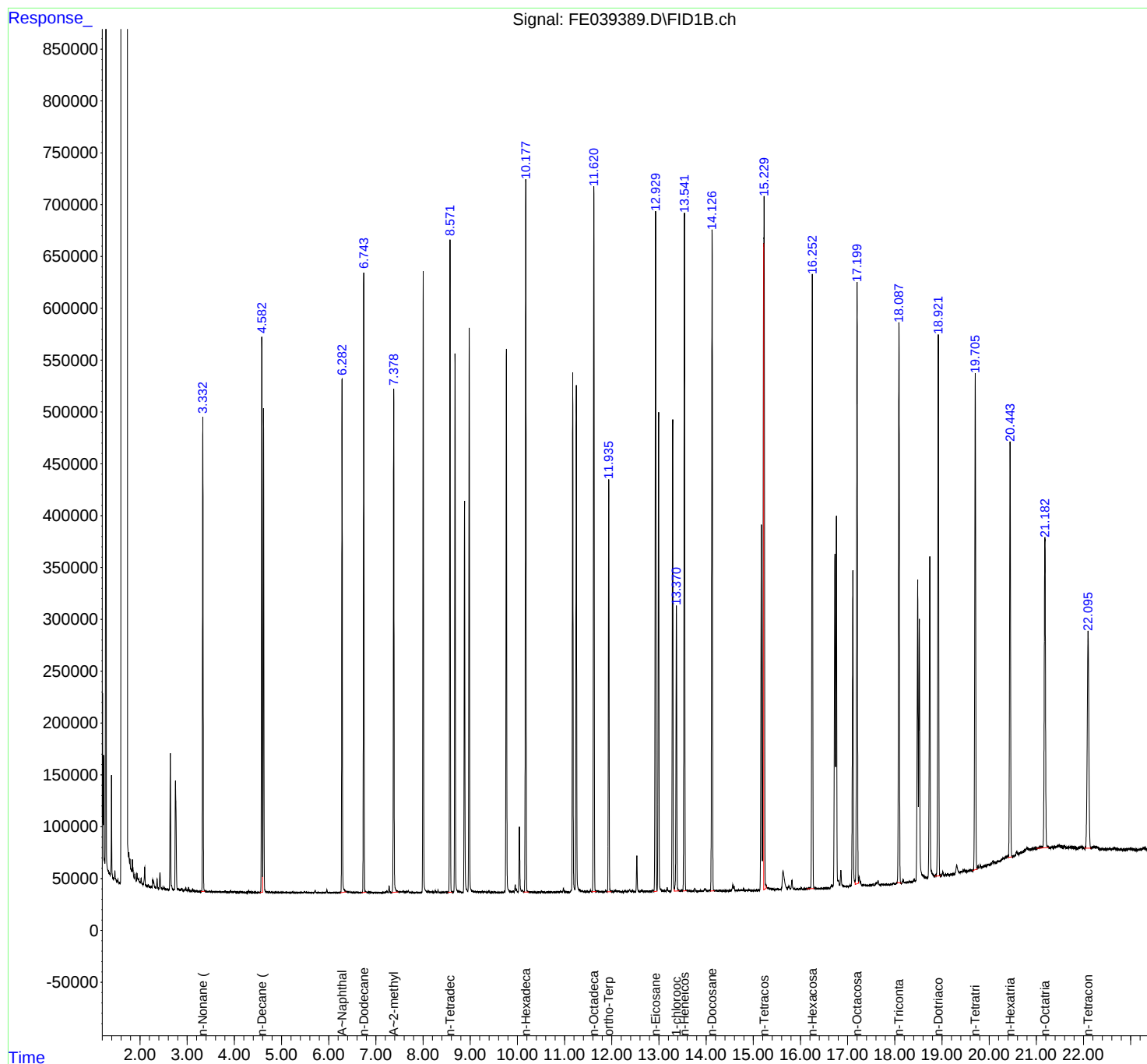
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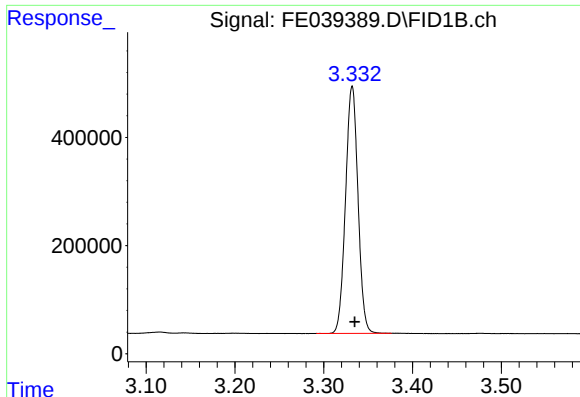
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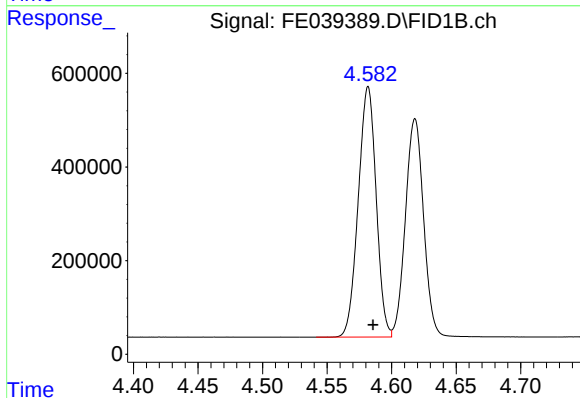
#1 n-Nonane (C9)

R.T.: 3.332 min
Delta R.T.: -0.003 min
Response: 4458169
Conc: 34.49 ug/ml

Instrument :
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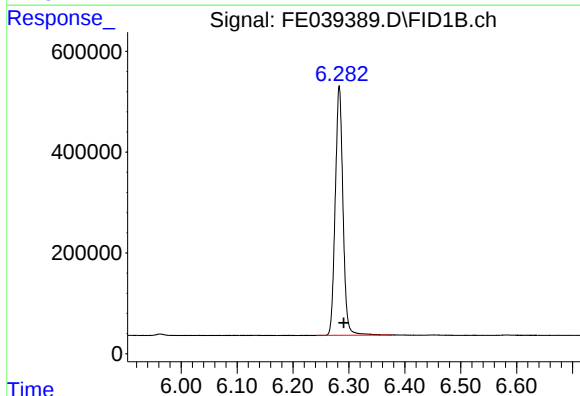
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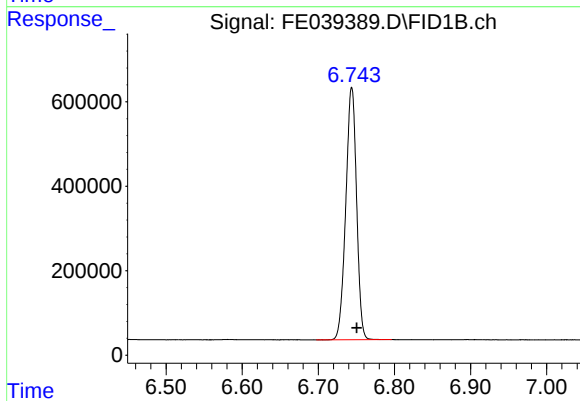
#2 n-Decane (C10)

R.T.: 4.582 min
Delta R.T.: -0.004 min
Response: 5165015
Conc: 40.54 ug/ml



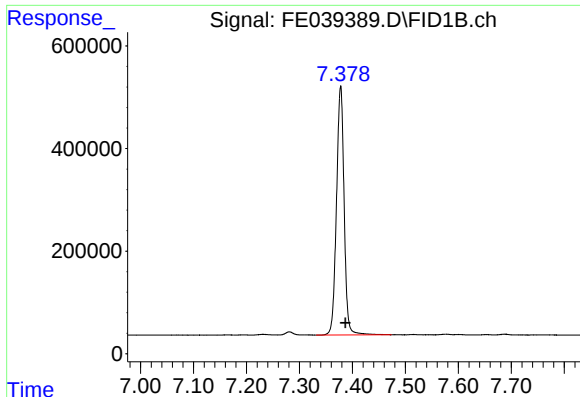
#3 A~Naphthalene (C11.7)

R.T.: 6.283 min
Delta R.T.: -0.008 min
Response: 4744885
Conc: 32.82 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.744 min
Delta R.T.: -0.006 min
Response: 5887184
Conc: 45.35 ug/ml



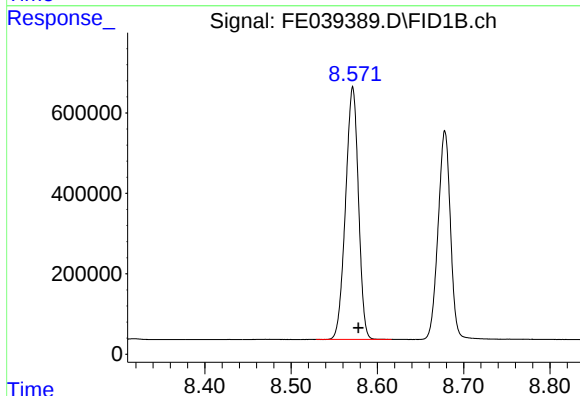
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.378 min
Delta R.T.: -0.009 min
Response: 4859523
Conc: 35.88 ug/ml

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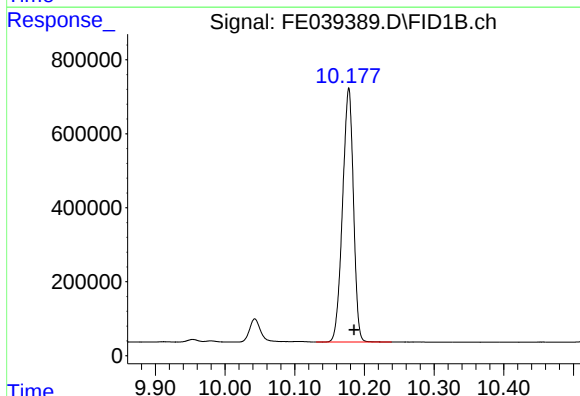
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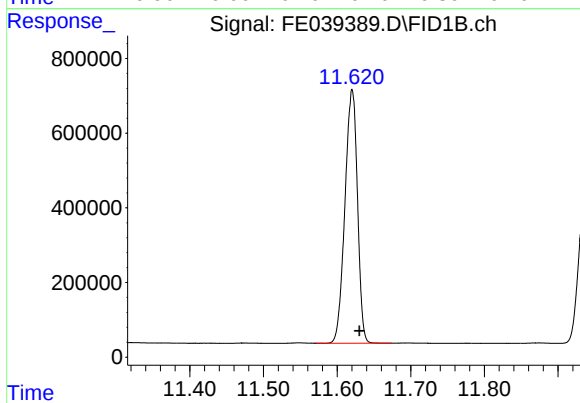
#6 n-Tetradecane (C14)

R.T.: 8.572 min
Delta R.T.: -0.006 min
Response: 6516821
Conc: 49.18 ug/ml



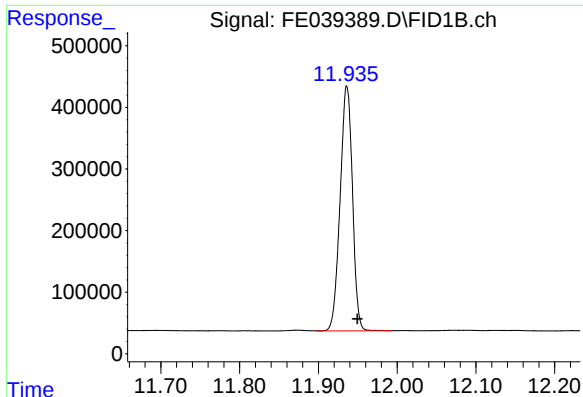
#7 n-Hexadecane (C16)

R.T.: 10.178 min
Delta R.T.: -0.007 min
Response: 7460760
Conc: 54.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.621 min
Delta R.T.: -0.010 min
Response: 8029534
Conc: 57.33 ug/ml



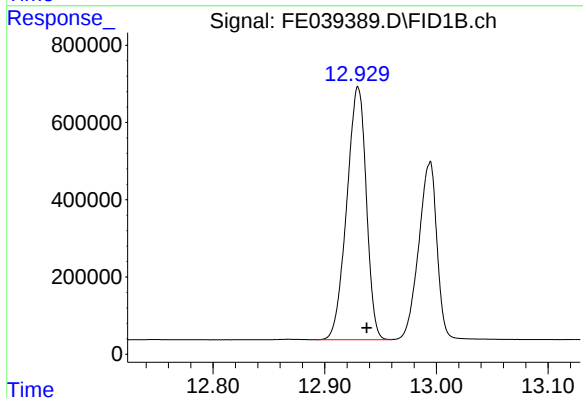
#9 ortho-Terphenyl (SURR)

R.T.: 11.936 min
Delta R.T.: -0.014 min
Response: 4330307
Conc: 29.02 ug/ml

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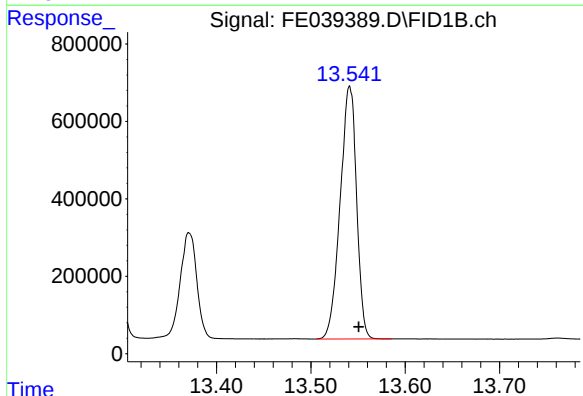
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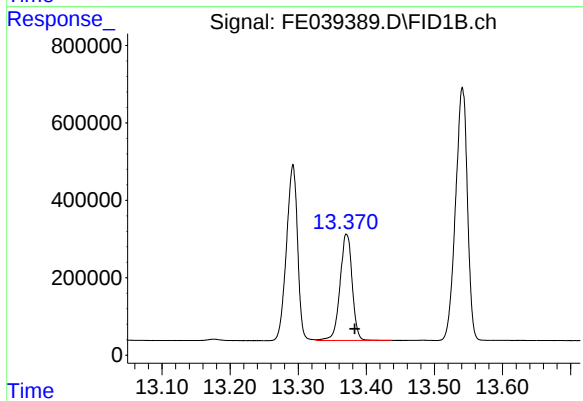
#10 n-Eicosane (C20)

R.T.: 12.930 min
Delta R.T.: -0.008 min
Response: 7955538
Conc: 58.28 ug/ml



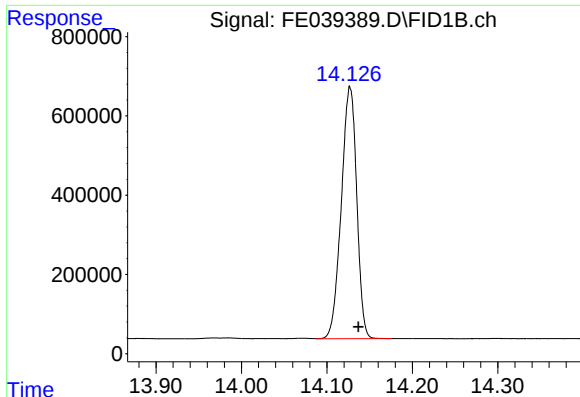
#11 n-Heneicosane (C21)

R.T.: 13.541 min
Delta R.T.: -0.010 min
Response: 7903522
Conc: 57.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.371 min
Delta R.T.: -0.012 min
Response: 3411683
Conc: 29.64 ug/ml



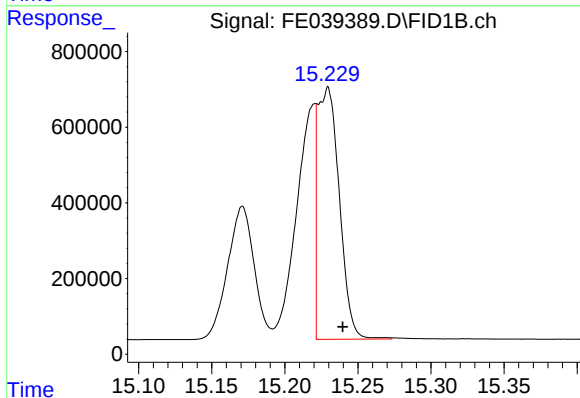
#13 n-Docosane (C22)

R.T.: 14.127 min
Delta R.T.: -0.010 min
Response: 7969238
Conc: 58.91 ug/ml

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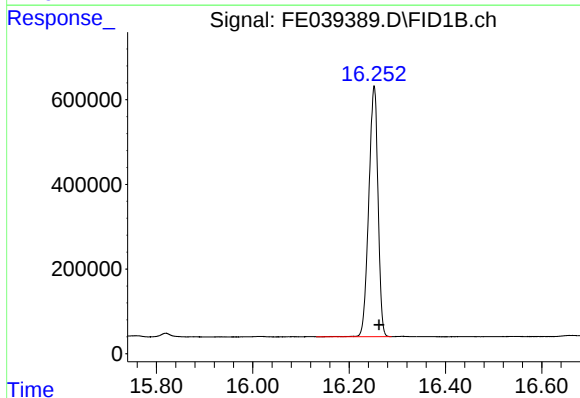
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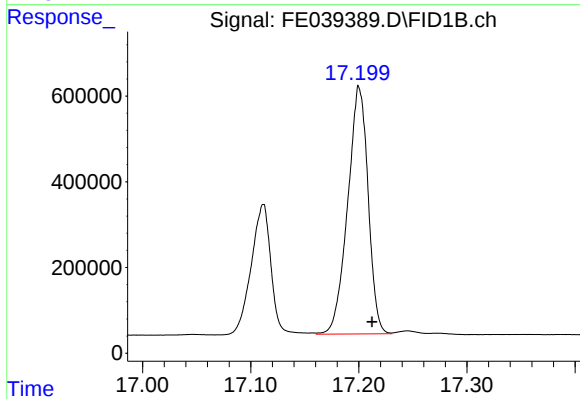
#14 n-Tetracosane (C24)

R.T.: 15.229 min
Delta R.T.: -0.010 min
Response: 6773710
Conc: 50.46 ug/ml m



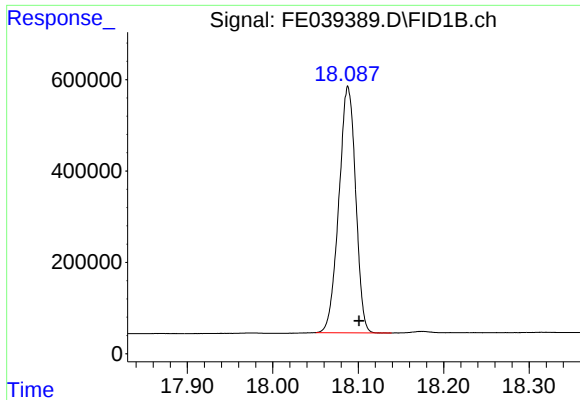
#15 n-Hexacosane (C26)

R.T.: 16.252 min
Delta R.T.: -0.010 min
Response: 7765546
Conc: 59.64 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.200 min
Delta R.T.: -0.012 min
Response: 7579060
Conc: 58.89 ug/ml



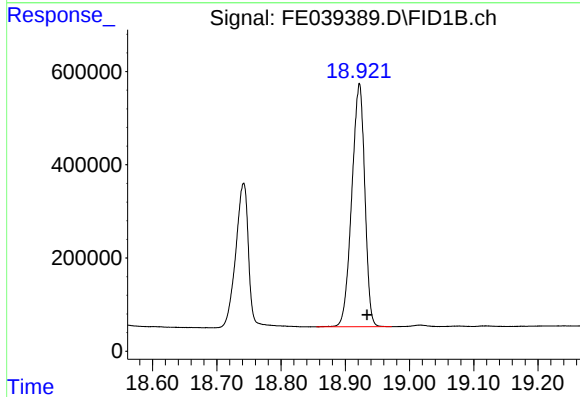
#17 n-Tricontane (C30)

R.T.: 18.088 min
Delta R.T.: -0.013 min
Response: 7352484
Conc: 57.11 ug/ml

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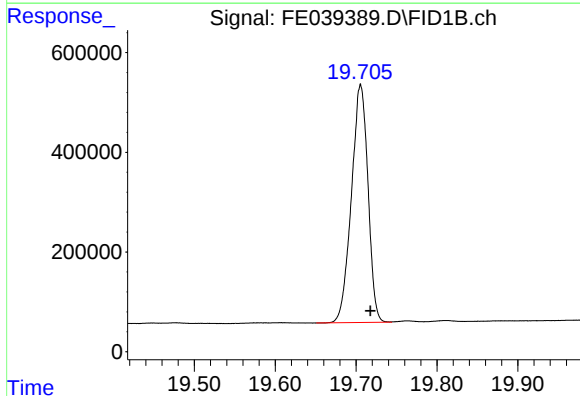
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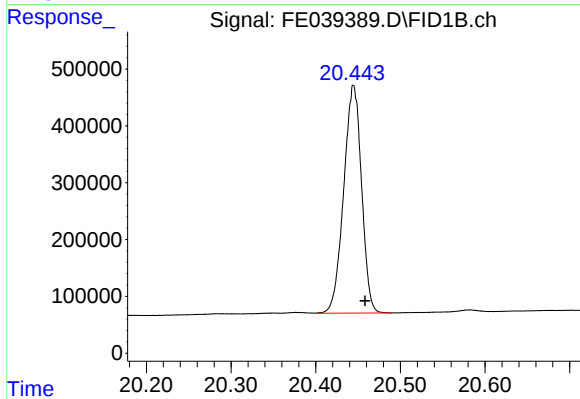
#18 n-Dotriacontane (C32)

R.T.: 18.922 min
Delta R.T.: -0.012 min
Response: 7348298
Conc: 56.74 ug/ml



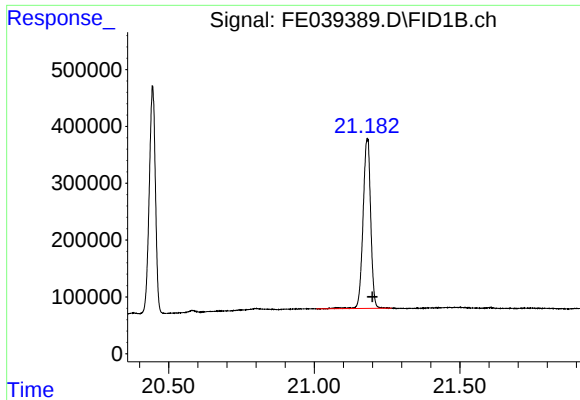
#19 n-Tetratriacontane (C34)

R.T.: 19.706 min
Delta R.T.: -0.012 min
Response: 6781356
Conc: 53.75 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.445 min
Delta R.T.: -0.013 min
Response: 5868332
Conc: 48.53 ug/ml



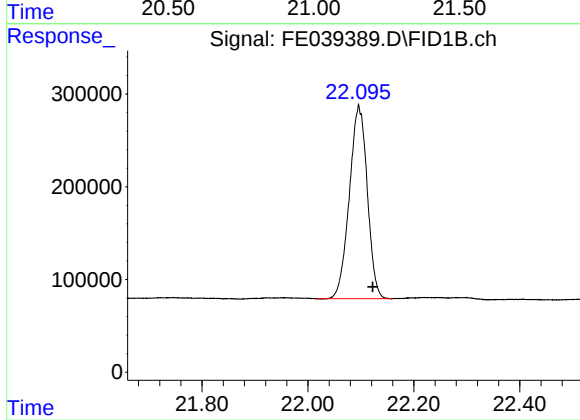
#21 n-Octatriacontane (C38)

R.T.: 21.182 min
Delta R.T.: -0.018 min
Response: 5437113
Conc: 44.03 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.096 min
Delta R.T.: -0.027 min
Response: 4891055
Conc: 38.95 ug/ml