

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120222AL\
 Data File : FE039094.D
 Signal(s) : FID1B.ch
 Acq On : 02 Dec 2022 18:46
 Operator : YP\AJ
 Sample : N5844-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MH-17MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/05/2022
 Supervised By :Ankita Jodhani 12/05/2022

Integration File: autoint1.e
 Quant Time: Dec 03 03:39:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 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)	11.946	4681938	29.928 ug/ml
Spiked Amount 50.000		Recovery =	59.86%
12) S 1-chlorooctadecane (S...	13.380	3608091	29.883 ug/ml
Spiked Amount 50.000		Recovery =	59.77%
Target Compounds			
1) T n-Nonane (C9)	3.344	4614043	32.551 ug/ml
2) T n-Decane (C10)	4.593	5180972	37.172 ug/ml
3) T A~Naphthalene (C11.7)	6.294	4246051	26.696 ug/ml
4) T n-Dodecane (C12)	6.755	5758322	40.851 ug/ml
5) T A~2-methylnaphthalene...	7.388	4374712	29.230 ug/ml
6) T n-Tetradecane (C14)	8.582	6165135	43.167 ug/ml
7) T n-Hexadecane (C16)	10.188	7047707	48.202 ug/ml
8) T n-Octadecane (C18)	11.630	7679904	52.191 ug/ml
10) T n-Eicosane (C20)	12.938	7585637	53.434 ug/ml
11) T n-Heneicosane (C21)	13.549	7520747	52.926 ug/ml
13) T n-Docosane (C22)	14.136	7585858	54.267 ug/ml
14) T n-Tetracosane (C24)	15.239	5733439	41.515 ug/ml
15) T n-Hexacosane (C26)	16.261	7434521	55.352 ug/ml
16) T n-Octacosane (C28)	17.210	7359934	55.422 ug/ml
17) T n-Tricontane (C30)	18.096	7138095	54.052 ug/ml
18) T n-Dotriacontane (C32)	18.928	7105187	53.276 ug/ml
19) T n-Tetratriacontane (C34)	19.712	6667580	50.389 ug/mlm
20) T n-Hexatriacontane (C36)	20.449	5691241	44.300 ug/mlm
21) T n-Octatriacontane (C38)	21.188	4812381	36.726 ug/ml
22) T n-Tetracontane (C40)	22.107	3879885	28.493 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : N5844-01MS
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ALS Vial : 14 Sample Multiplier: 1

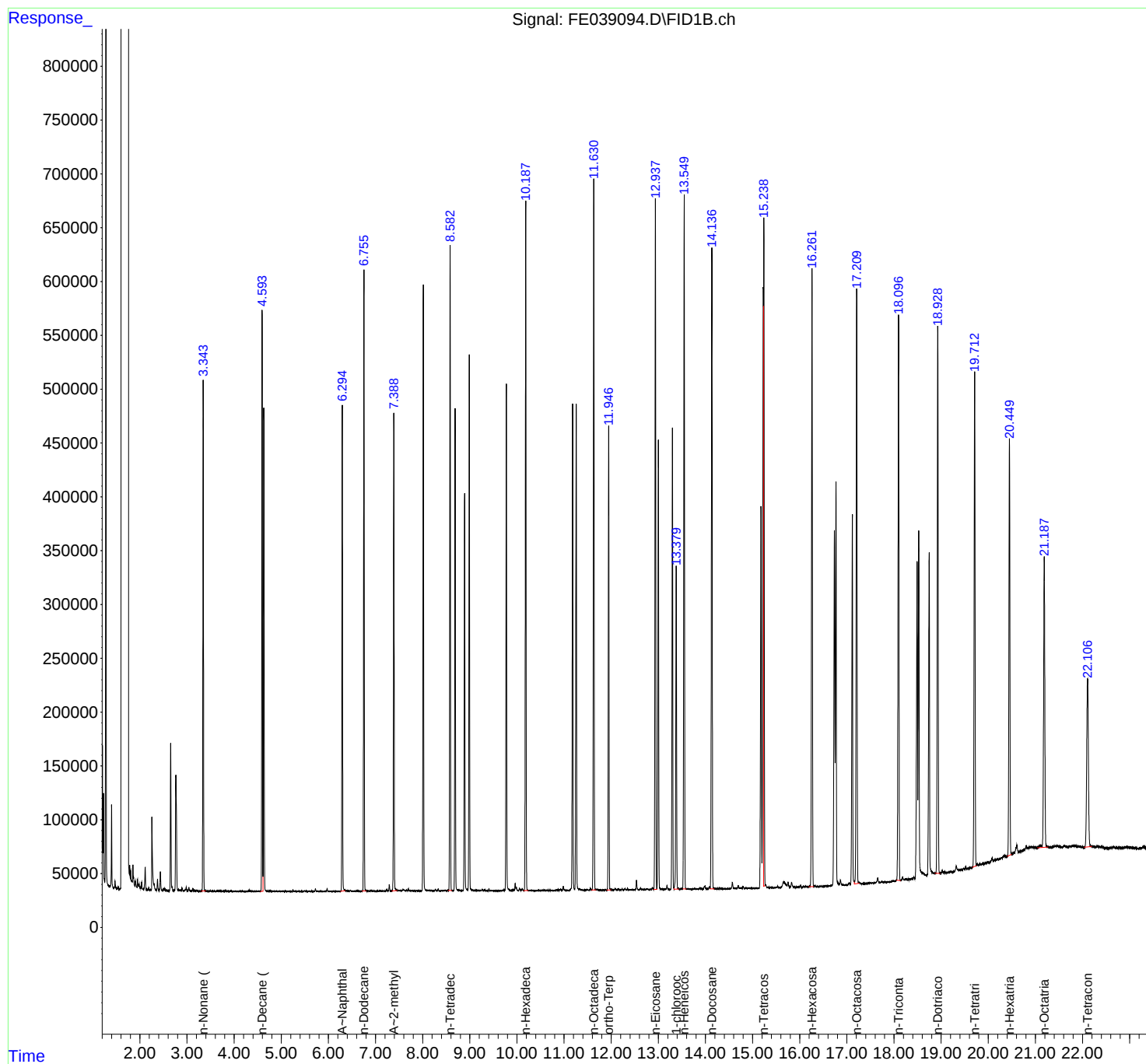
Instrument :
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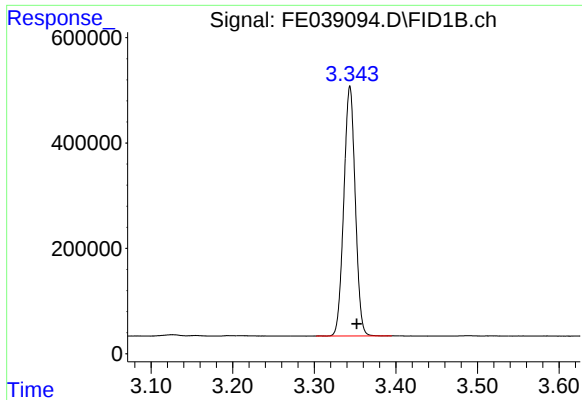
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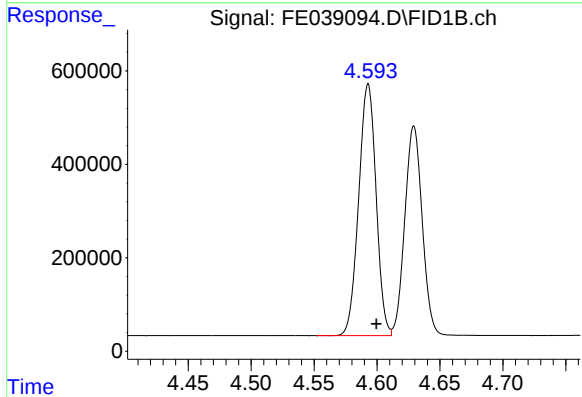
#1 n-Nonane (C9)

R.T.: 3.344 min
Delta R.T.: -0.008 min
Response: 4614043
Conc: 32.55 ug/ml

Instrument :
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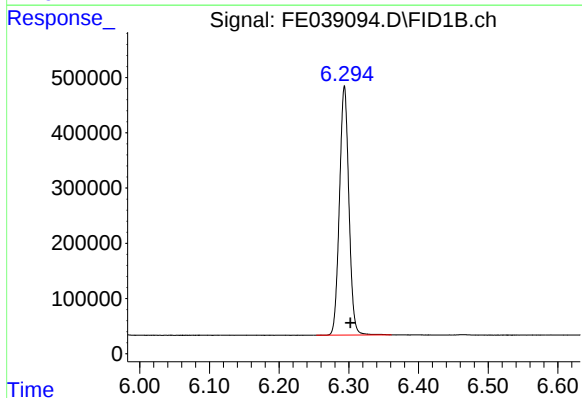
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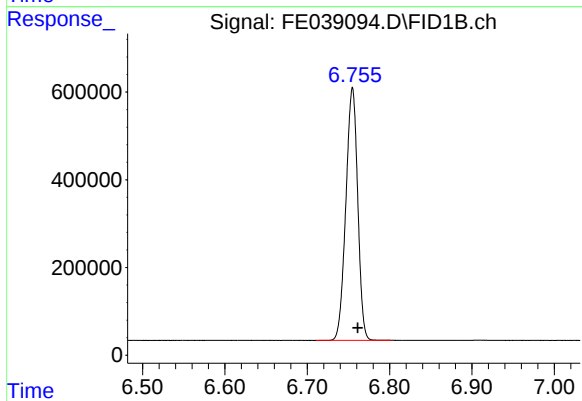
#2 n-Decane (C10)

R.T.: 4.593 min
Delta R.T.: -0.006 min
Response: 5180972
Conc: 37.17 ug/ml



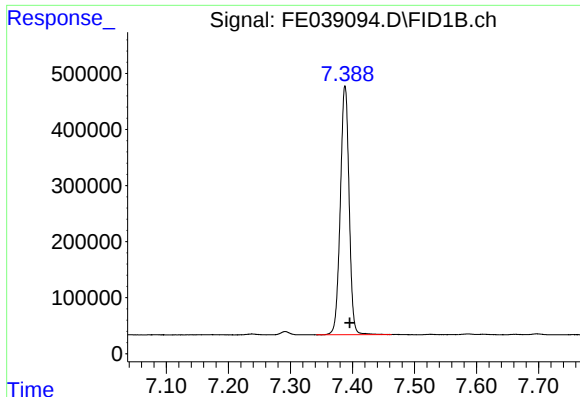
#3 A~Naphthalene (C11.7)

R.T.: 6.294 min
Delta R.T.: -0.009 min
Response: 4246051
Conc: 26.70 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.755 min
Delta R.T.: -0.007 min
Response: 5758322
Conc: 40.85 ug/ml



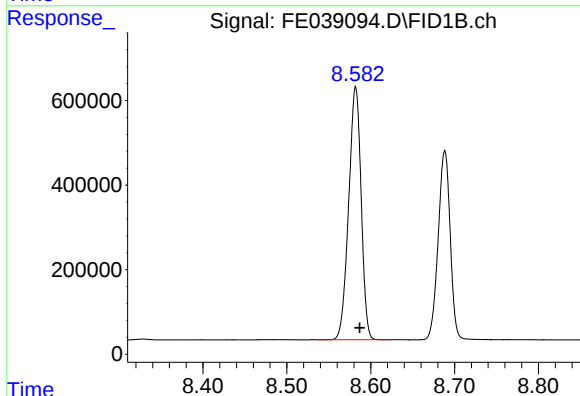
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.388 min
Delta R.T.: -0.008 min
Response: 4374712
Conc: 29.23 ug/ml

Instrument :
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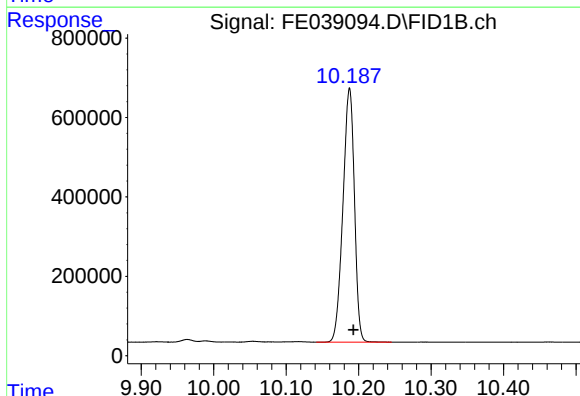
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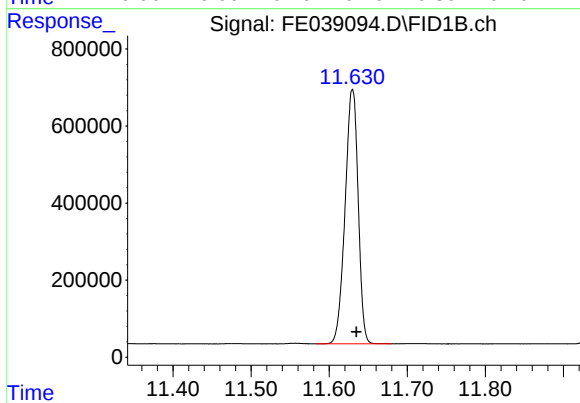
#6 n-Tetradecane (C14)

R.T.: 8.582 min
Delta R.T.: -0.005 min
Response: 6165135
Conc: 43.17 ug/ml



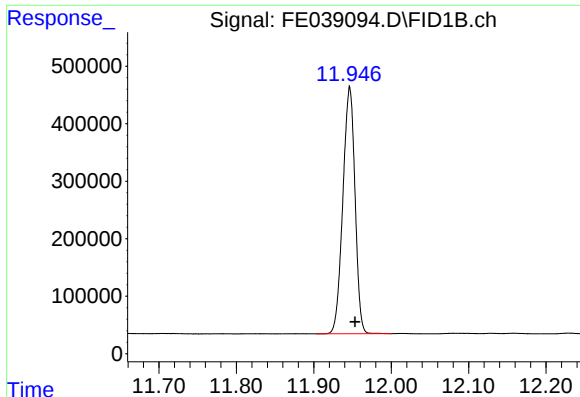
#7 n-Hexadecane (C16)

R.T.: 10.188 min
Delta R.T.: -0.005 min
Response: 7047707
Conc: 48.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.630 min
Delta R.T.: -0.005 min
Response: 7679904
Conc: 52.19 ug/ml



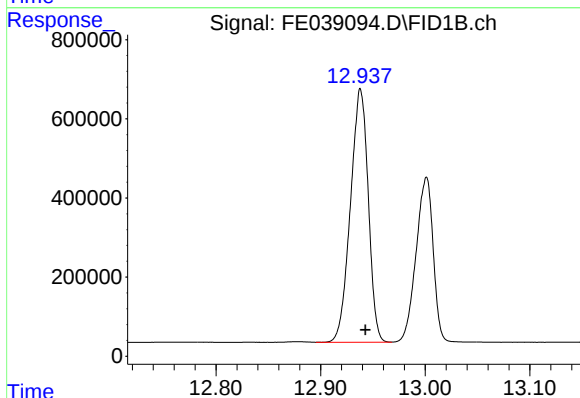
#9 ortho-Terphenyl (SURR)

R.T.: 11.946 min
Delta R.T.: -0.007 min
Response: 4681938
Conc: 29.93 ug/ml

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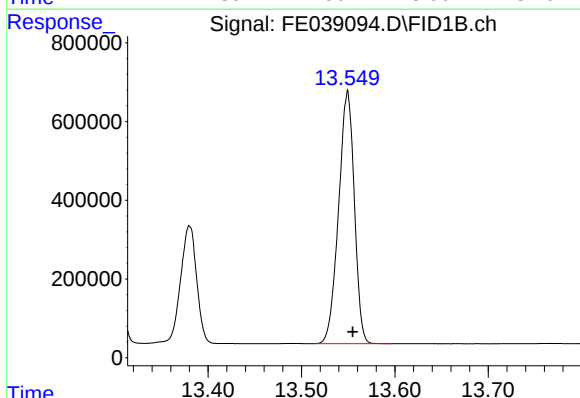
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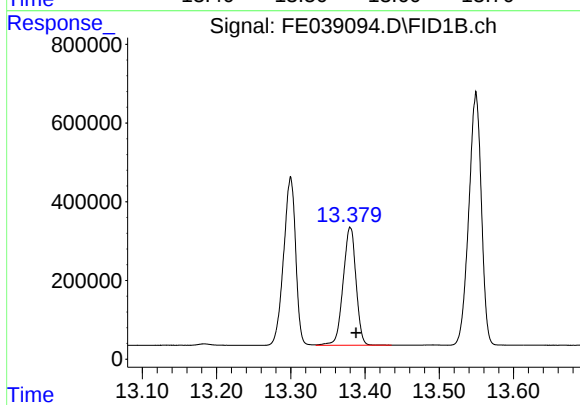
#10 n-Eicosane (C20)

R.T.: 12.938 min
Delta R.T.: -0.005 min
Response: 7585637
Conc: 53.43 ug/ml



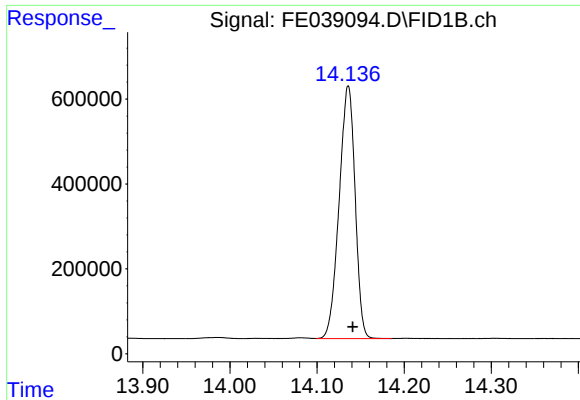
#11 n-Heneicosane (C21)

R.T.: 13.549 min
Delta R.T.: -0.005 min
Response: 7520747
Conc: 52.93 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.380 min
Delta R.T.: -0.008 min
Response: 3608091
Conc: 29.88 ug/ml



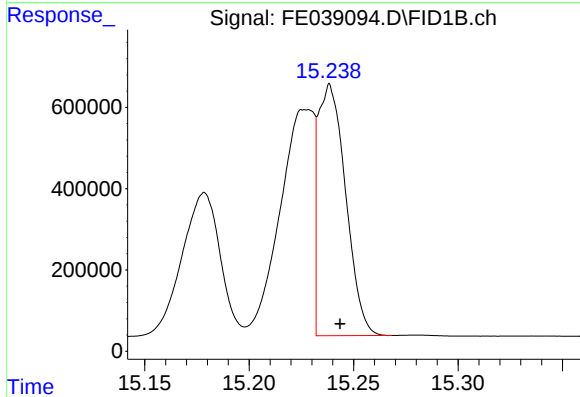
#13 n-Docosane (C22)

R.T.: 14.136 min
Delta R.T.: -0.005 min
Response: 7585858
Conc: 54.27 ug/ml

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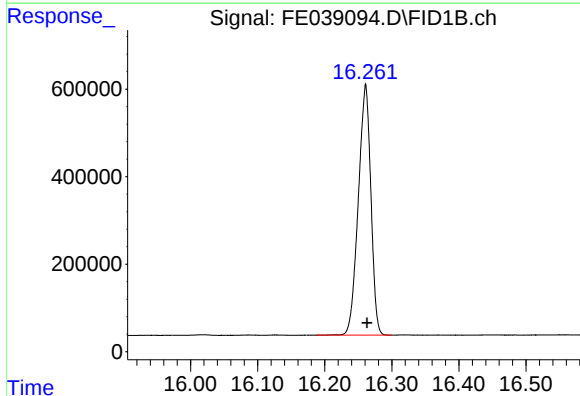
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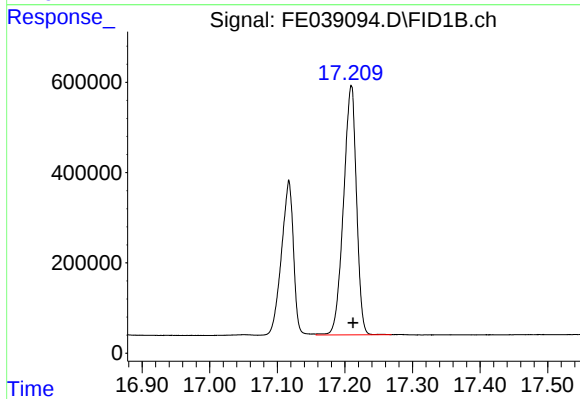
#14 n-Tetracosane (C24)

R.T.: 15.239 min
Delta R.T.: -0.005 min
Response: 5733439
Conc: 41.52 ug/ml



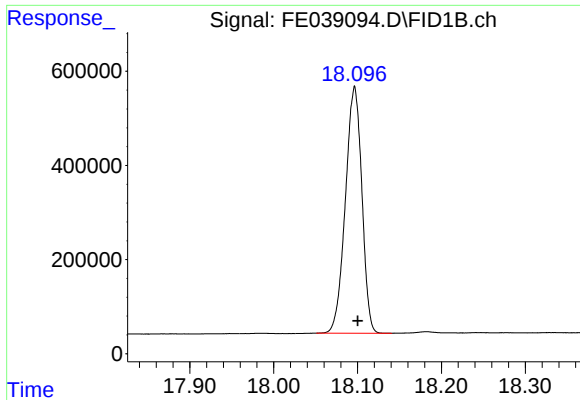
#15 n-Hexacosane (C26)

R.T.: 16.261 min
Delta R.T.: -0.002 min
Response: 7434521
Conc: 55.35 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.210 min
Delta R.T.: -0.002 min
Response: 7359934
Conc: 55.42 ug/ml



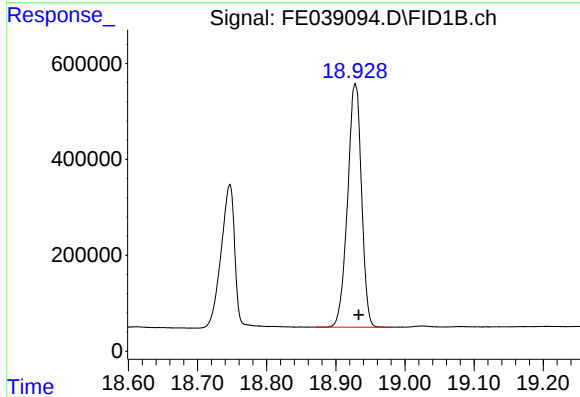
#17 n-Tricontane (C30)

R.T.: 18.096 min
Delta R.T.: -0.004 min
Response: 7138095
Conc: 54.05 ug/ml

Instrument :
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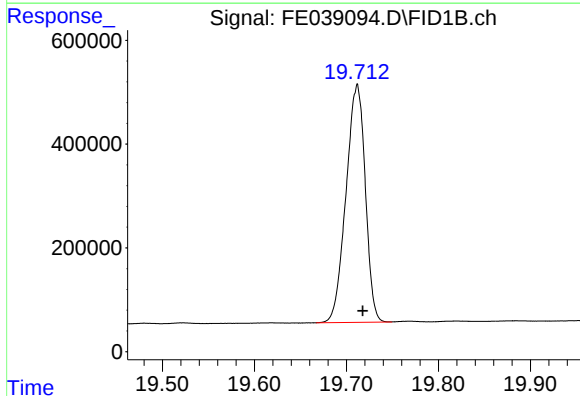
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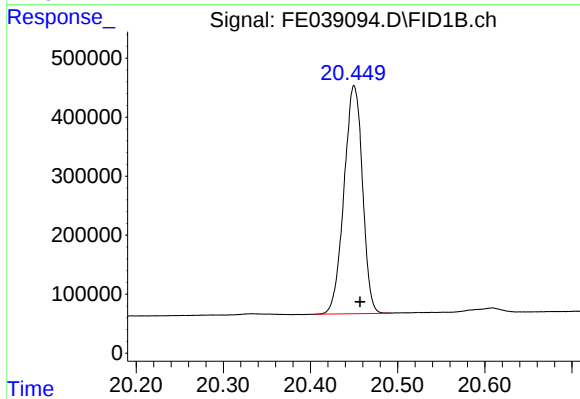
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: -0.005 min
Response: 7105187
Conc: 53.28 ug/ml



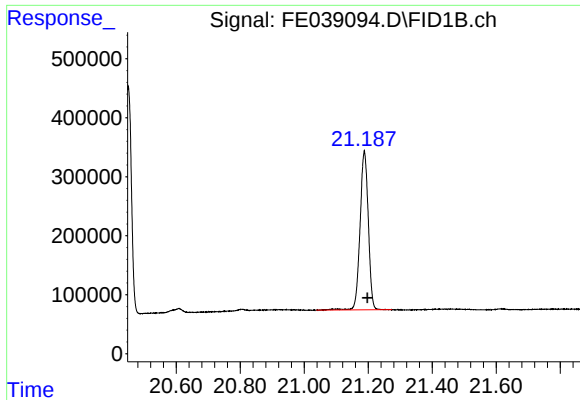
#19 n-Tetratriacontane (C34)

R.T.: 19.712 min
Delta R.T.: -0.006 min
Response: 6667580
Conc: 50.39 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.449 min
Delta R.T.: -0.007 min
Response: 5691241
Conc: 44.30 ug/ml m



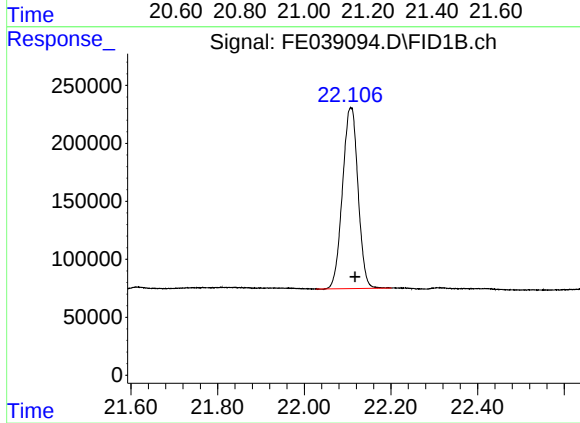
#21 n-Octatriacontane (C38)

R.T.: 21.188 min
Delta R.T.: -0.009 min
Response: 4812381
Conc: 36.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.107 min
Delta R.T.: -0.010 min
Response: 3879885
Conc: 28.49 ug/ml