

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121922AL\
 Data File : FE039390.D
 Signal(s) : FID1B.ch
 Acq On : 19 Dec 2022 20:22
 Operator : YP\AJ
 Sample : N6098-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

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 04:48:22 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)	11.937	4342952	29.102 ug/ml
Spiked Amount 50.000		Recovery =	58.20%
12) S 1-chlorooctadecane (S...	13.372	3424023	29.749 ug/ml
Spiked Amount 50.000		Recovery =	59.50%
Target Compounds			
1) T n-Nonane (C9)	3.332	4572170	35.372 ug/ml
2) T n-Decane (C10)	4.582	5294608	41.552 ug/ml
3) T A~Naphthalene (C11.7)	6.282	4831587	33.423 ug/ml
4) T n-Dodecane (C12)	6.744	6034320	46.480 ug/ml
5) T A~2-methylnaphthalene...	7.377	4937303	36.456 ug/ml
6) T n-Tetradecane (C14)	8.572	6661003	50.267 ug/ml
7) T n-Hexadecane (C16)	10.178	7596794	55.220 ug/ml
8) T n-Octadecane (C18)	11.620	8134741	58.080 ug/ml
10) T n-Eicosane (C20)	12.930	8013628	58.705 ug/ml
11) T n-Heneicosane (C21)	13.542	7949670	58.286 ug/ml
13) T n-Docosane (C22)	14.128	7991166	59.074 ug/ml
14) T n-Tetracosane (C24)	15.228	6848614	51.018 ug/mlm
15) T n-Hexacosane (C26)	16.251	7732912	59.388 ug/ml
16) T n-Octacosane (C28)	17.200	7560568	58.745 ug/ml
17) T n-Tricontane (C30)	18.089	7334384	56.966 ug/ml
18) T n-Dotriacontane (C32)	18.921	7372394	56.929 ug/ml
19) T n-Tetratriacontane (C34)	19.705	6800636	53.904 ug/ml
20) T n-Hexatriacontane (C36)	20.445	5871937	48.562 ug/ml
21) T n-Octatriacontane (C38)	21.180	5487519	44.434 ug/ml
22) T n-Tetracontane (C40)	22.095	4937560	39.317 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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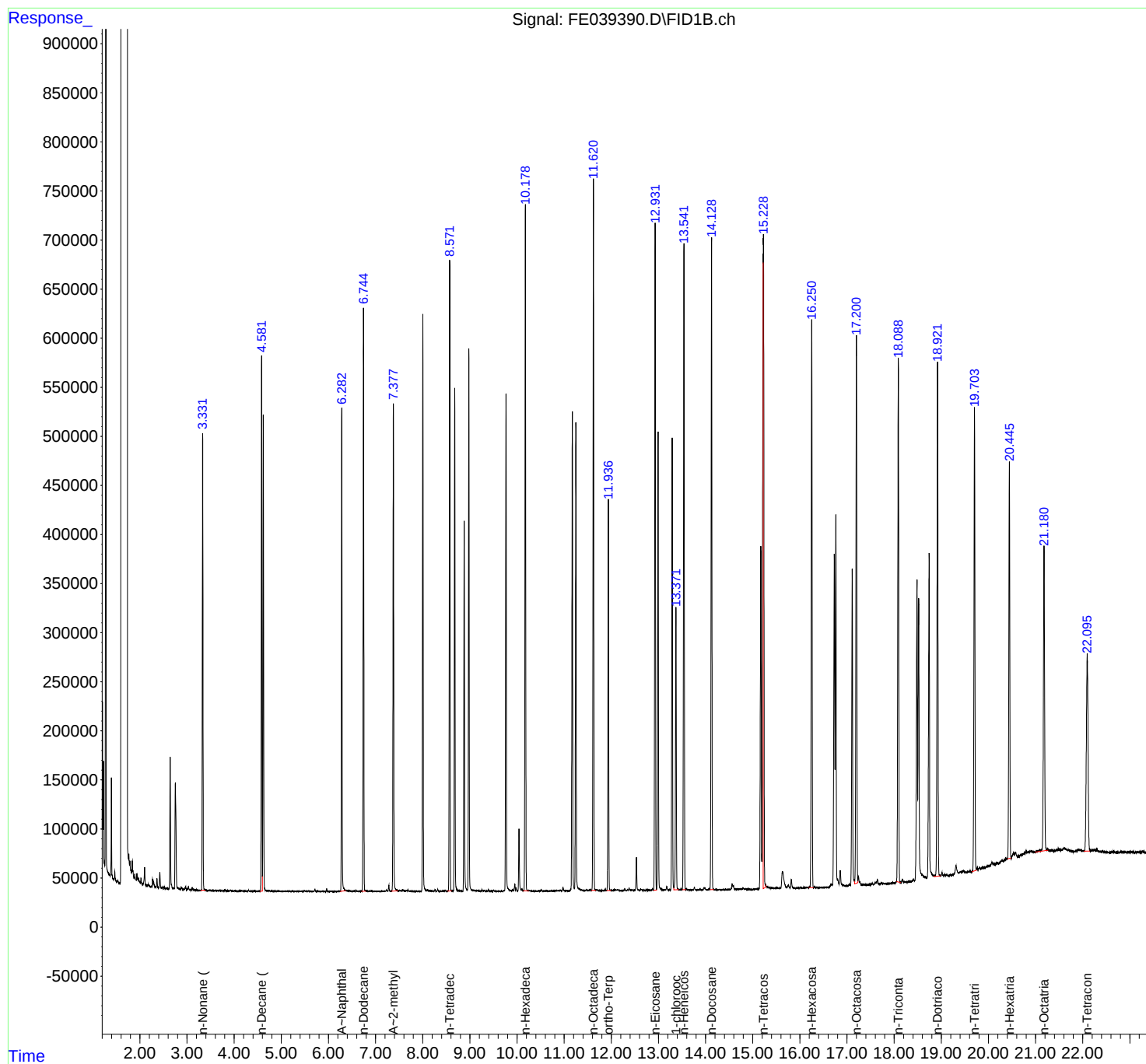
Instrument :
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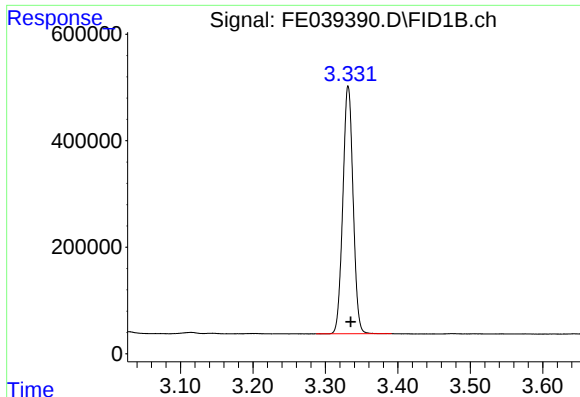
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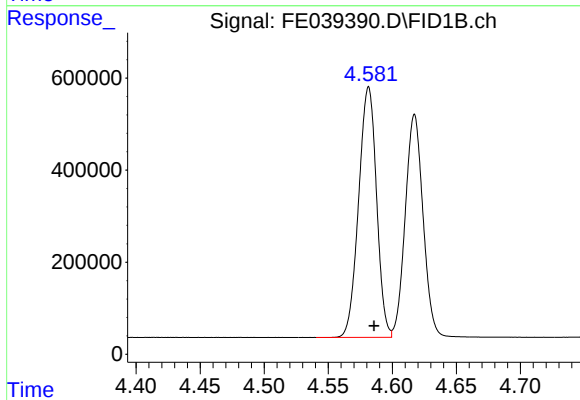
#1 n-Nonane (C9)

R.T.: 3.332 min
Delta R.T.: -0.003 min
Response: 4572170
Conc: 35.37 ug/ml

Instrument :
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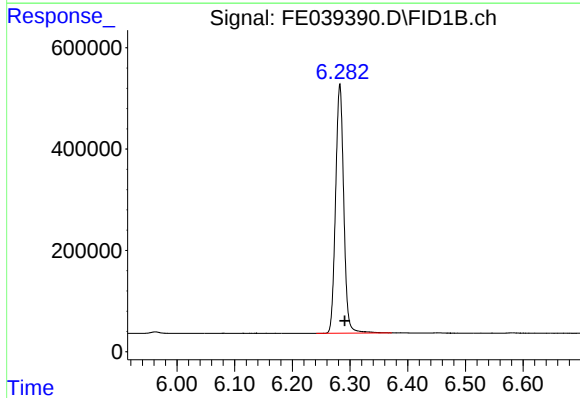
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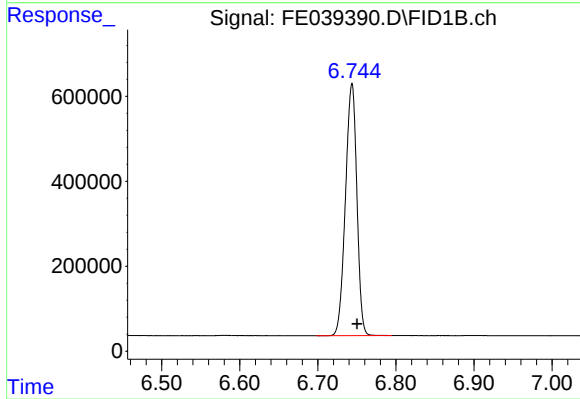
#2 n-Decane (C10)

R.T.: 4.582 min
Delta R.T.: -0.004 min
Response: 5294608
Conc: 41.55 ug/ml



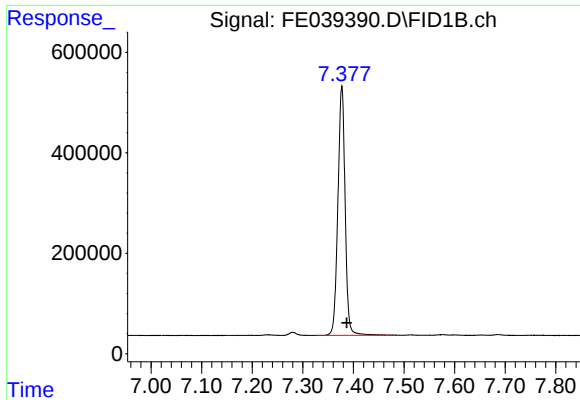
#3 A~Naphthalene (C11.7)

R.T.: 6.282 min
Delta R.T.: -0.009 min
Response: 4831587
Conc: 33.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.744 min
Delta R.T.: -0.007 min
Response: 6034320
Conc: 46.48 ug/ml



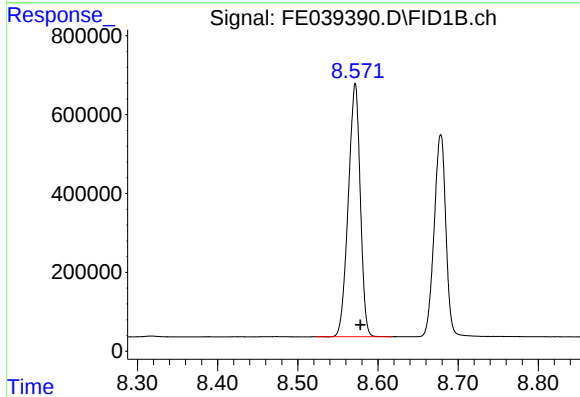
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.377 min
Delta R.T.: -0.010 min
Response: 4937303
Conc: 36.46 ug/ml

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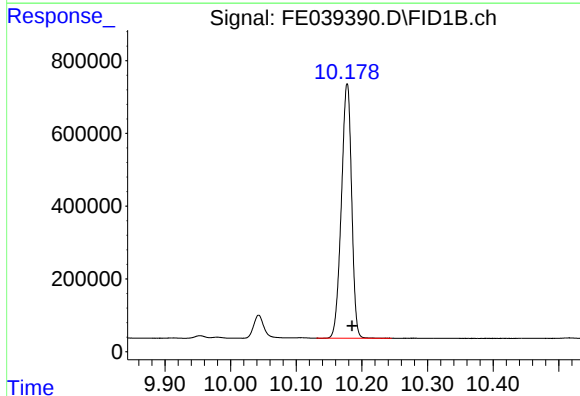
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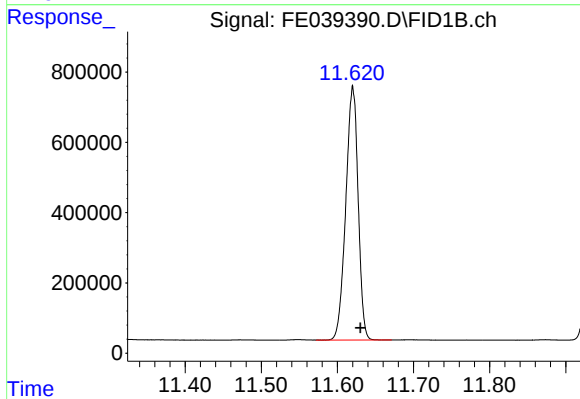
#6 n-Tetradecane (C14)

R.T.: 8.572 min
Delta R.T.: -0.006 min
Response: 6661003
Conc: 50.27 ug/ml



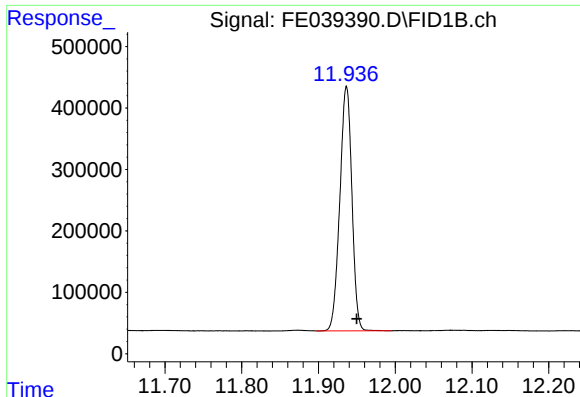
#7 n-Hexadecane (C16)

R.T.: 10.178 min
Delta R.T.: -0.007 min
Response: 7596794
Conc: 55.22 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.620 min
Delta R.T.: -0.010 min
Response: 8134741
Conc: 58.08 ug/ml



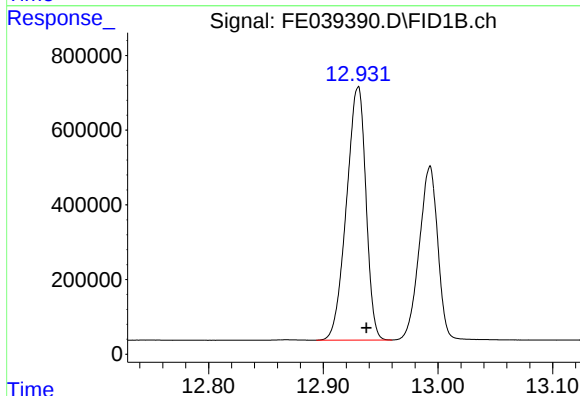
#9 ortho-Terphenyl (SURR)

R.T.: 11.937 min
Delta R.T.: -0.013 min
Response: 4342952
Conc: 29.10 ug/ml

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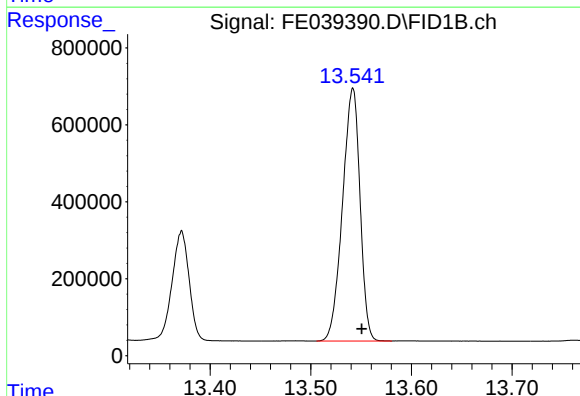
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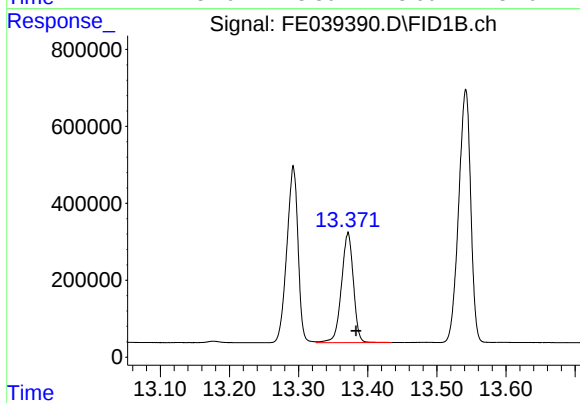
#10 n-Eicosane (C20)

R.T.: 12.930 min
Delta R.T.: -0.007 min
Response: 8013628
Conc: 58.71 ug/ml



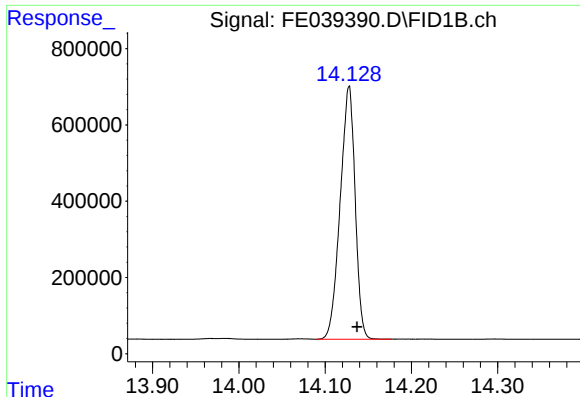
#11 n-Heneicosane (C21)

R.T.: 13.542 min
Delta R.T.: -0.009 min
Response: 7949670
Conc: 58.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.372 min
Delta R.T.: -0.011 min
Response: 3424023
Conc: 29.75 ug/ml



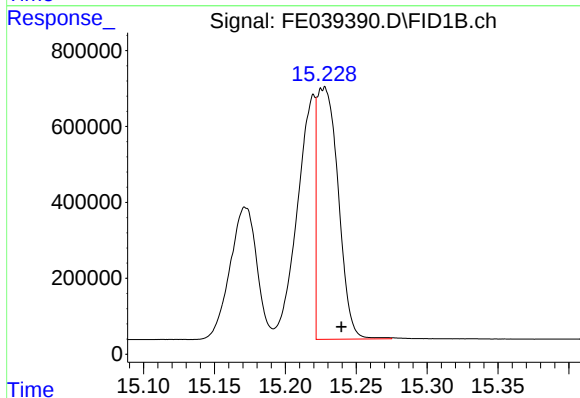
#13 n-Docosane (C22)

R.T.: 14.128 min
Delta R.T.: -0.009 min
Response: 7991166
Conc: 59.07 ug/ml

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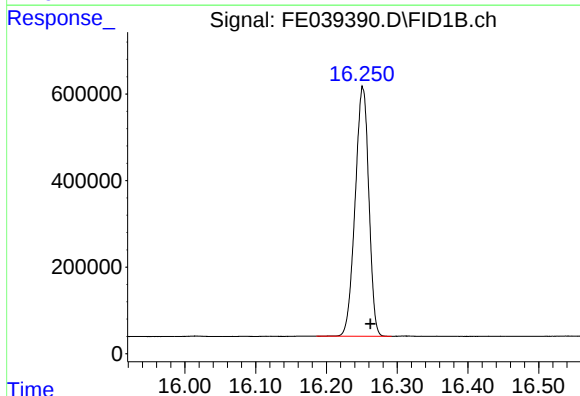
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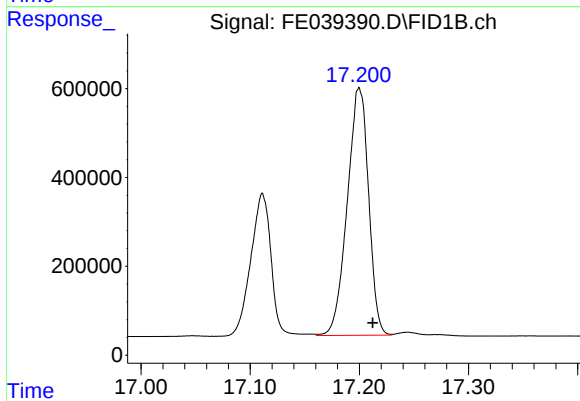
#14 n-Tetracosane (C24)

R.T.: 15.228 min
Delta R.T.: -0.012 min
Response: 6848614
Conc: 51.02 ug/ml m



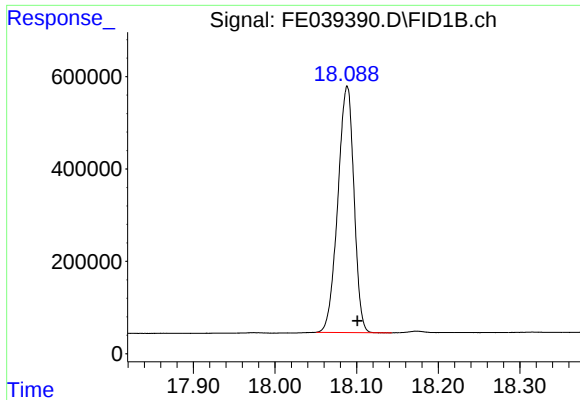
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: -0.011 min
Response: 7732912
Conc: 59.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.200 min
Delta R.T.: -0.012 min
Response: 7560568
Conc: 58.74 ug/ml



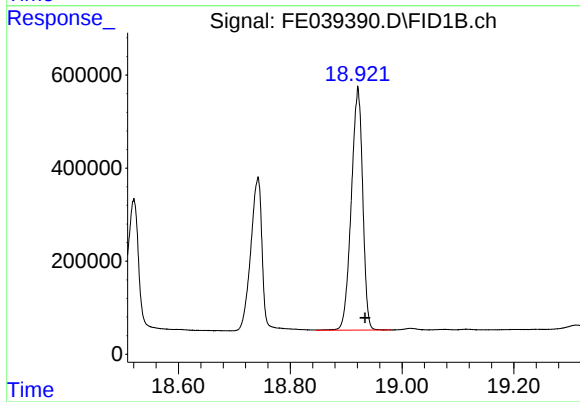
#17 n-Tricontane (C30)

R.T.: 18.089 min
Delta R.T.: -0.012 min
Response: 7334384
Conc: 56.97 ug/ml

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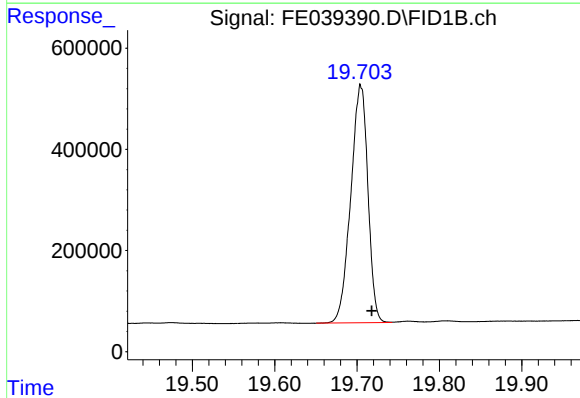
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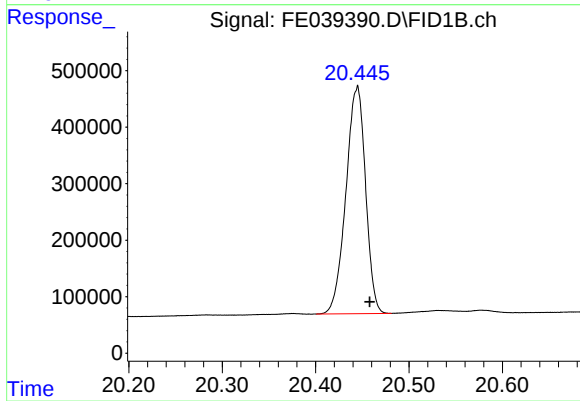
#18 n-Dotriacontane (C32)

R.T.: 18.921 min
Delta R.T.: -0.013 min
Response: 7372394
Conc: 56.93 ug/ml



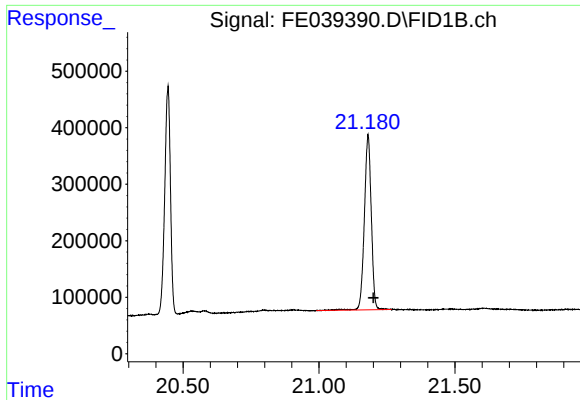
#19 n-Tetratriacontane (C34)

R.T.: 19.705 min
Delta R.T.: -0.013 min
Response: 6800636
Conc: 53.90 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.445 min
Delta R.T.: -0.013 min
Response: 5871937
Conc: 48.56 ug/ml



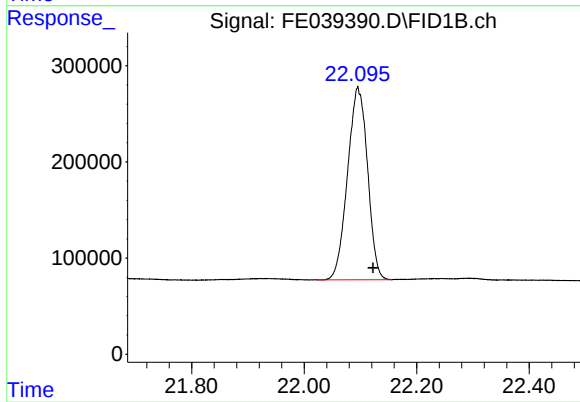
#21 n-Octatriacontane (C38)

R.T.: 21.180 min
Delta R.T.: -0.019 min
Response: 5487519
Conc: 44.43 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.095 min
Delta R.T.: -0.027 min
Response: 4937560
Conc: 39.32 ug/ml