

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120222AL\
 Data File : FE039102.D
 Signal(s) : FID1B.ch
 Acq On : 02 Dec 2022 23:54
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

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 03:41:40 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	2865257	18.315 ug/ml
Spiked Amount 50.000		Recovery =	36.63%
12) S 1-chlorooctadecane (S...	13.382	2209332	18.298 ug/ml
Spiked Amount 50.000		Recovery =	36.60%
Target Compounds			
1) T n-Nonane (C9)	3.341	2421256	17.081 ug/ml
2) T n-Decane (C10)	4.591	2423006	17.384 ug/ml
3) T A~Naphthalene (C11.7)	6.294	2817084	17.712 ug/ml
4) T n-Dodecane (C12)	6.755	2455148	17.417 ug/ml
5) T A~2-methylnaphthalene...	7.389	2651823	17.718 ug/ml
6) T n-Tetradecane (C14)	8.580	2520583	17.648 ug/ml
7) T n-Hexadecane (C16)	10.186	2622768	17.938 ug/ml
8) T n-Octadecane (C18)	11.628	2670131	18.146 ug/ml
10) T n-Eicosane (C20)	12.936	2604268	18.345 ug/ml
11) T n-Heneicosane (C21)	13.548	2611685	18.379 ug/ml
13) T n-Docosane (C22)	14.134	2578960	18.449 ug/ml
14) T n-Tetracosane (C24)	15.237	2556331	18.510 ug/ml
15) T n-Hexacosane (C26)	16.257	2496035	18.584 ug/ml
16) T n-Octacosane (C28)	17.207	2571957	19.367 ug/ml
17) T n-Tricontane (C30)	18.095	2782763	21.072 ug/ml
18) T n-Dotriacontane (C32)	18.928	2896265	21.717 ug/ml
19) T n-Tetratriacontane (C34)	19.711	2813499	21.262 ug/mlm
20) T n-Hexatriacontane (C36)	20.452	2649362	20.622 ug/mlm
21) T n-Octatriacontane (C38)	21.191	2987897	22.802 ug/mlm
22) T n-Tetracontane (C40)	22.114	2501138	18.368 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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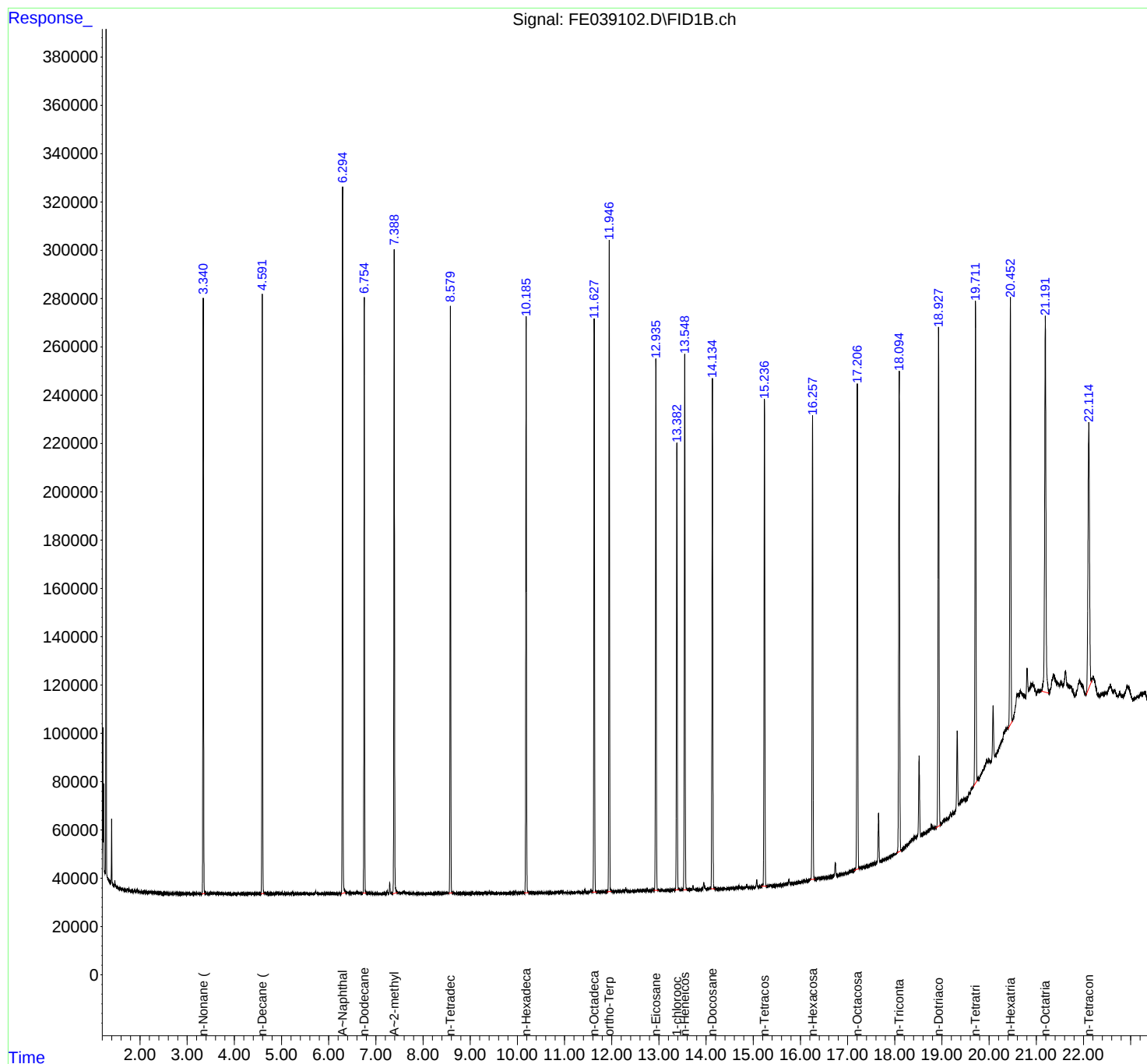
Instrument :
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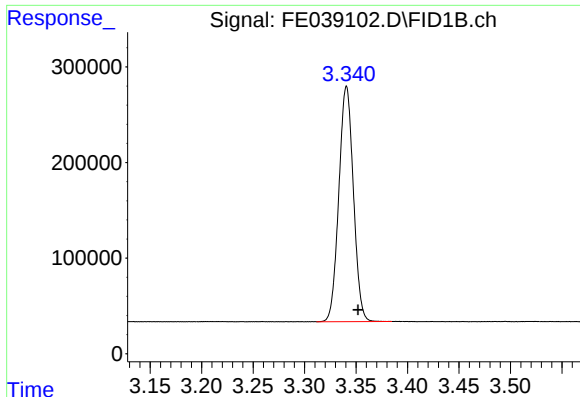
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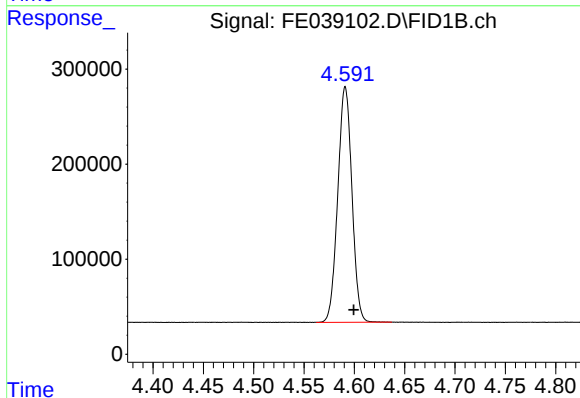
#1 n-Nonane (C9)

R.T.: 3.341 min
Delta R.T.: -0.011 min
Response: 2421256
Conc: 17.08 ug/ml

Instrument :
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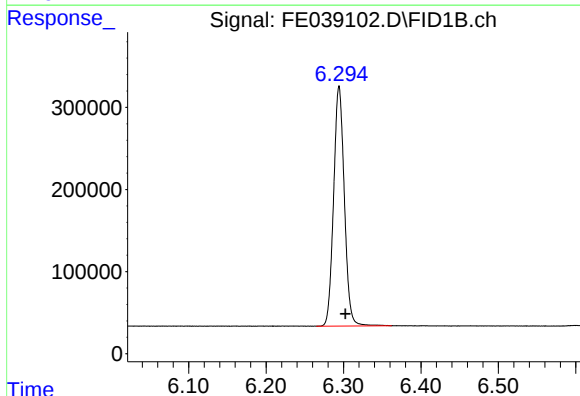
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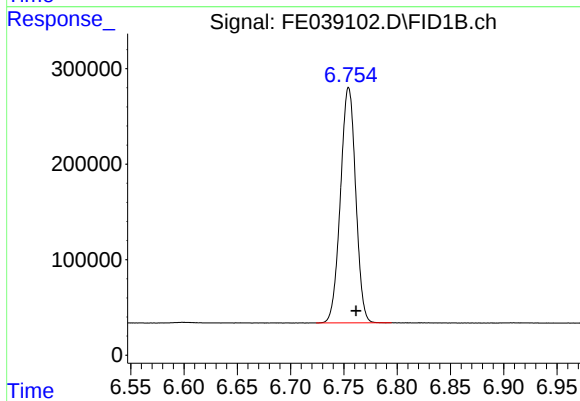
#2 n-Decane (C10)

R.T.: 4.591 min
Delta R.T.: -0.008 min
Response: 2423006
Conc: 17.38 ug/ml



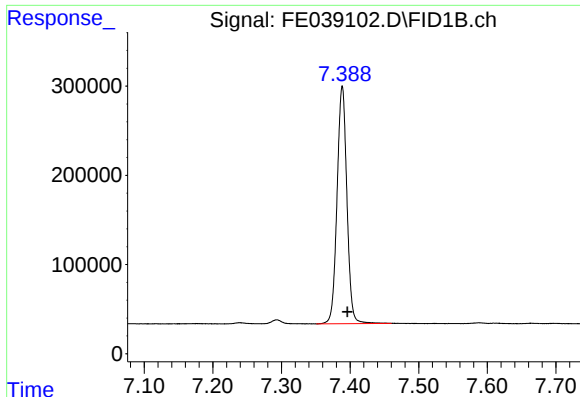
#3 A~Naphthalene (C11.7)

R.T.: 6.294 min
Delta R.T.: -0.008 min
Response: 2817084
Conc: 17.71 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.755 min
Delta R.T.: -0.007 min
Response: 2455148
Conc: 17.42 ug/ml



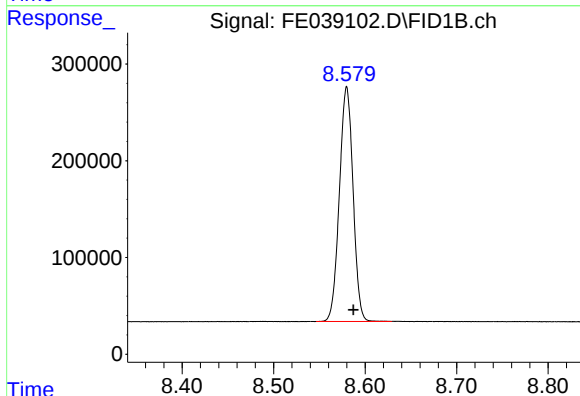
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.389 min
Delta R.T.: -0.007 min
Response: 2651823
Conc: 17.72 ug/ml

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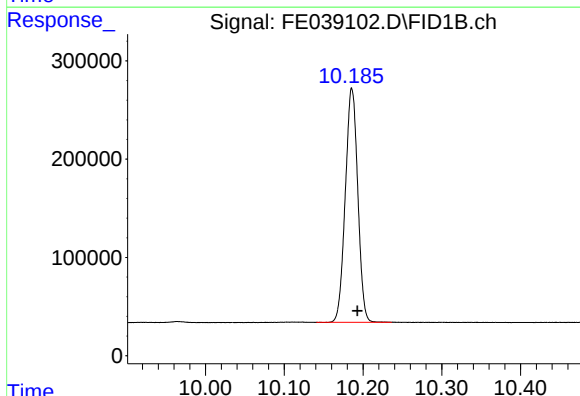
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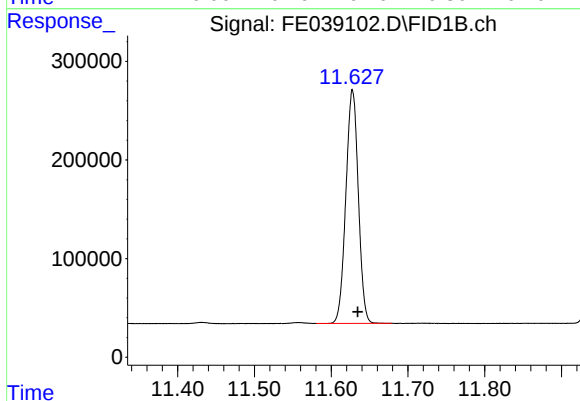
#6 n-Tetradecane (C14)

R.T.: 8.580 min
Delta R.T.: -0.007 min
Response: 2520583
Conc: 17.65 ug/ml



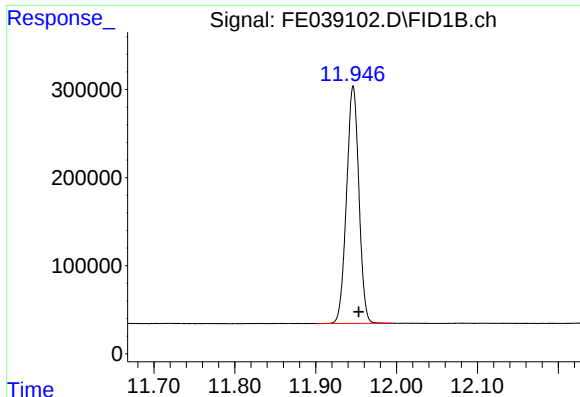
#7 n-Hexadecane (C16)

R.T.: 10.186 min
Delta R.T.: -0.007 min
Response: 2622768
Conc: 17.94 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.628 min
Delta R.T.: -0.007 min
Response: 2670131
Conc: 18.15 ug/ml



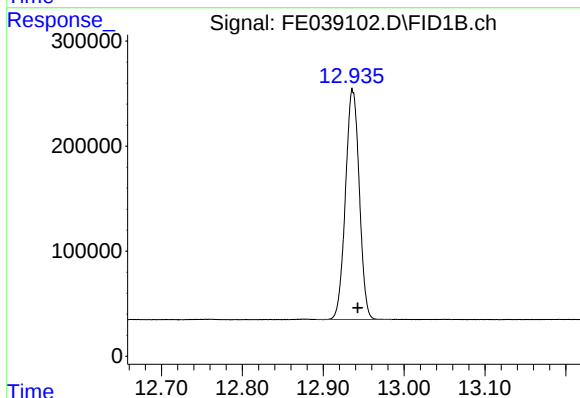
#9 ortho-Terphenyl (SURR)

R.T.: 11.946 min
Delta R.T.: -0.007 min
Response: 2865257
Conc: 18.32 ug/ml

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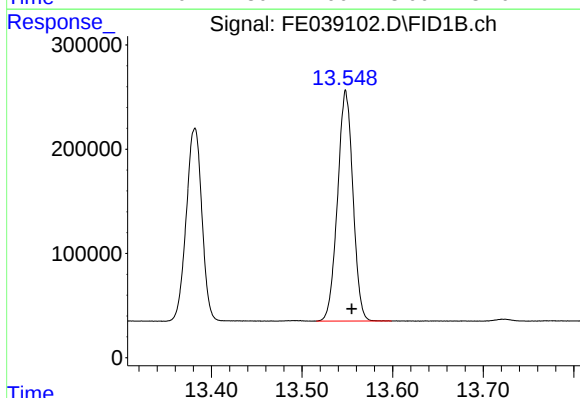
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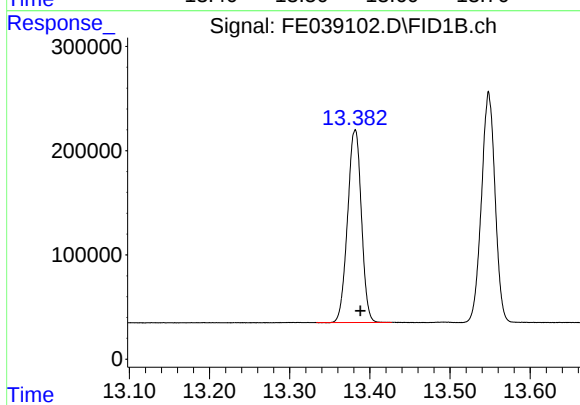
#10 n-Eicosane (C20)

R.T.: 12.936 min
Delta R.T.: -0.006 min
Response: 2604268
Conc: 18.34 ug/ml



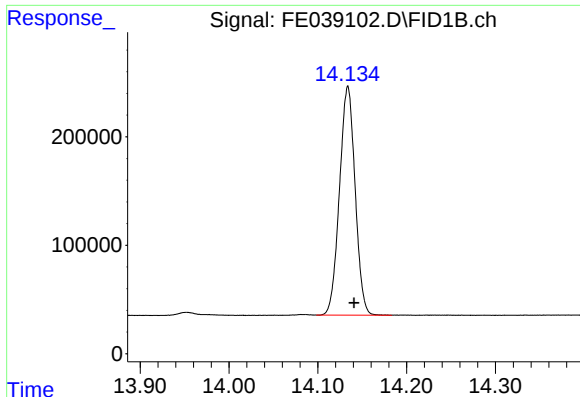
#11 n-Heneicosane (C21)

R.T.: 13.548 min
Delta R.T.: -0.007 min
Response: 2611685
Conc: 18.38 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.382 min
Delta R.T.: -0.006 min
Response: 2209332
Conc: 18.30 ug/ml



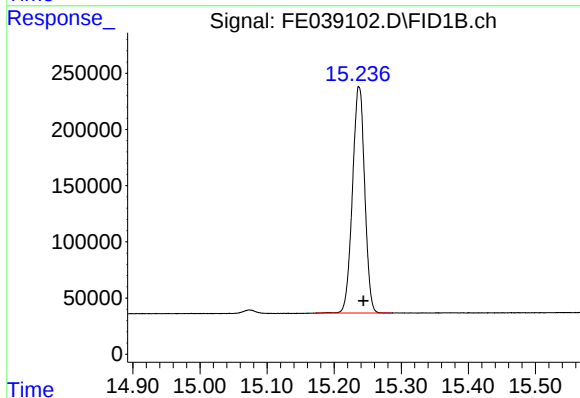
#13 n-Docosane (C22)

R.T.: 14.134 min
Delta R.T.: -0.007 min
Response: 2578960
Conc: 18.45 ug/ml

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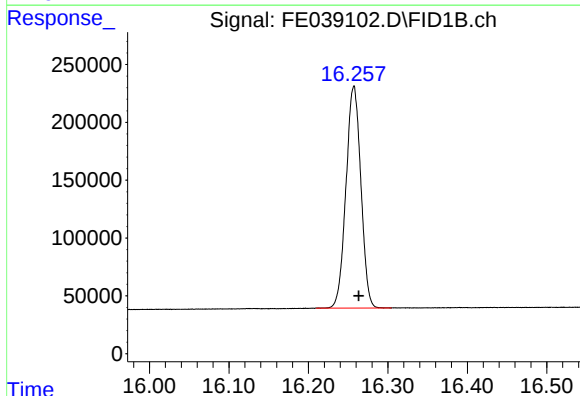
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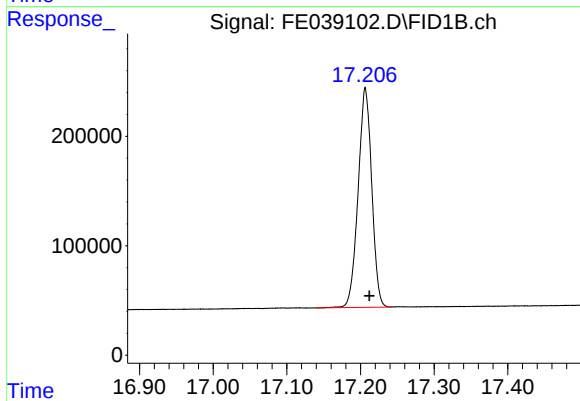
#14 n-Tetracosane (C24)

R.T.: 15.237 min
Delta R.T.: -0.006 min
Response: 2556331
Conc: 18.51 ug/ml



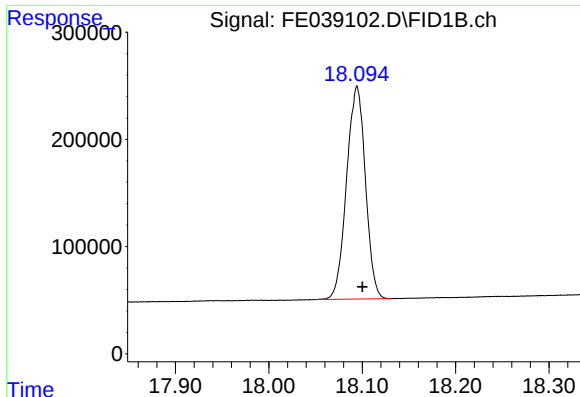
#15 n-Hexacosane (C26)

R.T.: 16.257 min
Delta R.T.: -0.006 min
Response: 2496035
Conc: 18.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.207 min
Delta R.T.: -0.005 min
Response: 2571957
Conc: 19.37 ug/ml



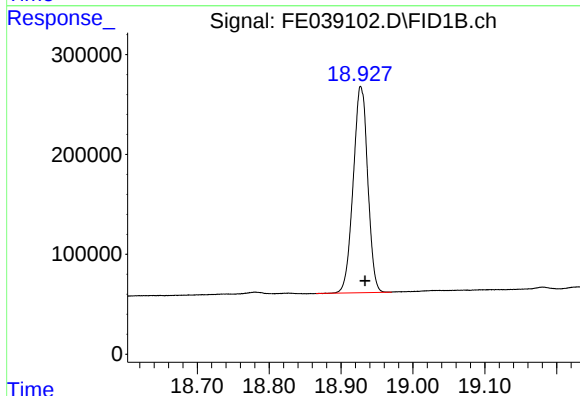
#17 n-Tricontane (C30)

R.T.: 18.095 min
Delta R.T.: -0.006 min
Response: 2782763
Conc: 21.07 ug/ml

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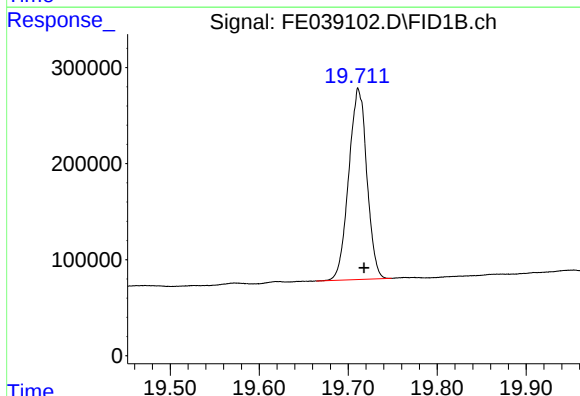
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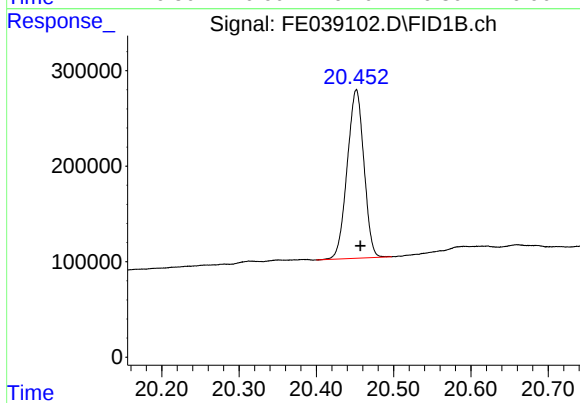
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: -0.006 min
Response: 2896265
Conc: 21.72 ug/ml



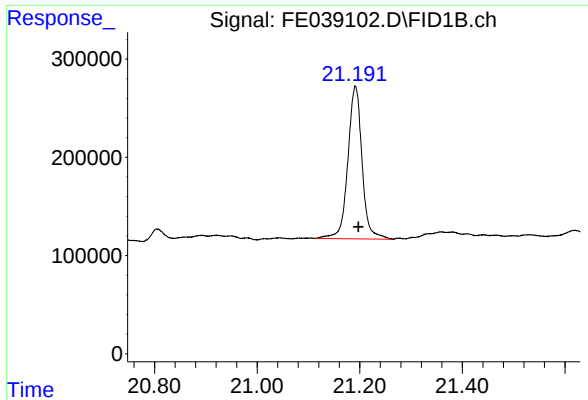
#19 n-Tetratriacontane (C34)

R.T.: 19.711 min
Delta R.T.: -0.007 min
Response: 2813499
Conc: 21.26 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.452 min
Delta R.T.: -0.005 min
Response: 2649362
Conc: 20.62 ug/ml m



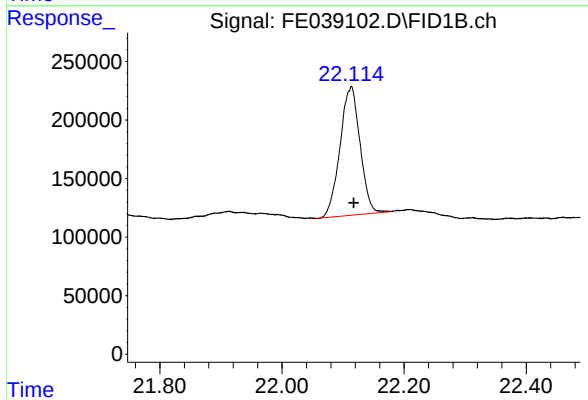
#21 n-Octatriacontane (C38)

R.T.: 21.191 min
Delta R.T.: -0.007 min
Response: 2987897
Conc: 22.80 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.114 min
Delta R.T.: -0.004 min
Response: 2501138
Conc: 18.37 ug/ml m