

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120522AL\
 Data File : FE039141.D
 Signal(s) : FID1B.ch
 Acq On : 06 Dec 2022 03:01
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/06/2022
 Supervised By :Ankita Jodhani 12/06/2022

Integration File: sample.E
 Quant Time: Dec 06 05:10:53 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)	11.945	3127468	19.992 ug/ml
Spiked Amount 50.000		Recovery =	39.98%
12) S 1-chlorooctadecane (S...	13.380	2410369	19.963 ug/ml
Spiked Amount 50.000		Recovery =	39.93%
Target Compounds			
1) T n-Nonane (C9)	3.340	2632797	18.574 ug/ml
2) T n-Decane (C10)	4.590	2590065	18.583 ug/ml
3) T A~Naphthalene (C11.7)	6.293	3001546	18.871 ug/ml
4) T n-Dodecane (C12)	6.753	2635547	18.697 ug/ml
5) T A~2-methylnaphthalene...	7.387	2837057	18.956 ug/ml
6) T n-Tetradecane (C14)	8.579	2698693	18.895 ug/ml
7) T n-Hexadecane (C16)	10.185	2813943	19.246 ug/ml
8) T n-Octadecane (C18)	11.627	2880332	19.574 ug/ml
10) T n-Eicosane (C20)	12.936	2828236	19.922 ug/ml
11) T n-Heneicosane (C21)	13.548	2846977	20.035 ug/ml
13) T n-Docosane (C22)	14.133	2820028	20.174 ug/ml
14) T n-Tetracosane (C24)	15.236	2820950	20.426 ug/ml
15) T n-Hexacosane (C26)	16.256	2733335	20.350 ug/ml
16) T n-Octacosane (C28)	17.205	2689123	20.250 ug/ml
17) T n-Tricontane (C30)	18.093	2621386	19.850 ug/ml
18) T n-Dotriacontane (C32)	18.926	2604984	19.533 ug/ml
19) T n-Tetratriacontane (C34)	19.709	2565665	19.389 ug/mlm
20) T n-Hexatriacontane (C36)	20.450	2366742	18.422 ug/ml
21) T n-Octatriacontane (C38)	21.189	2939711	22.434 ug/ml
22) T n-Tetracontane (C40)	22.107	2608980	19.160 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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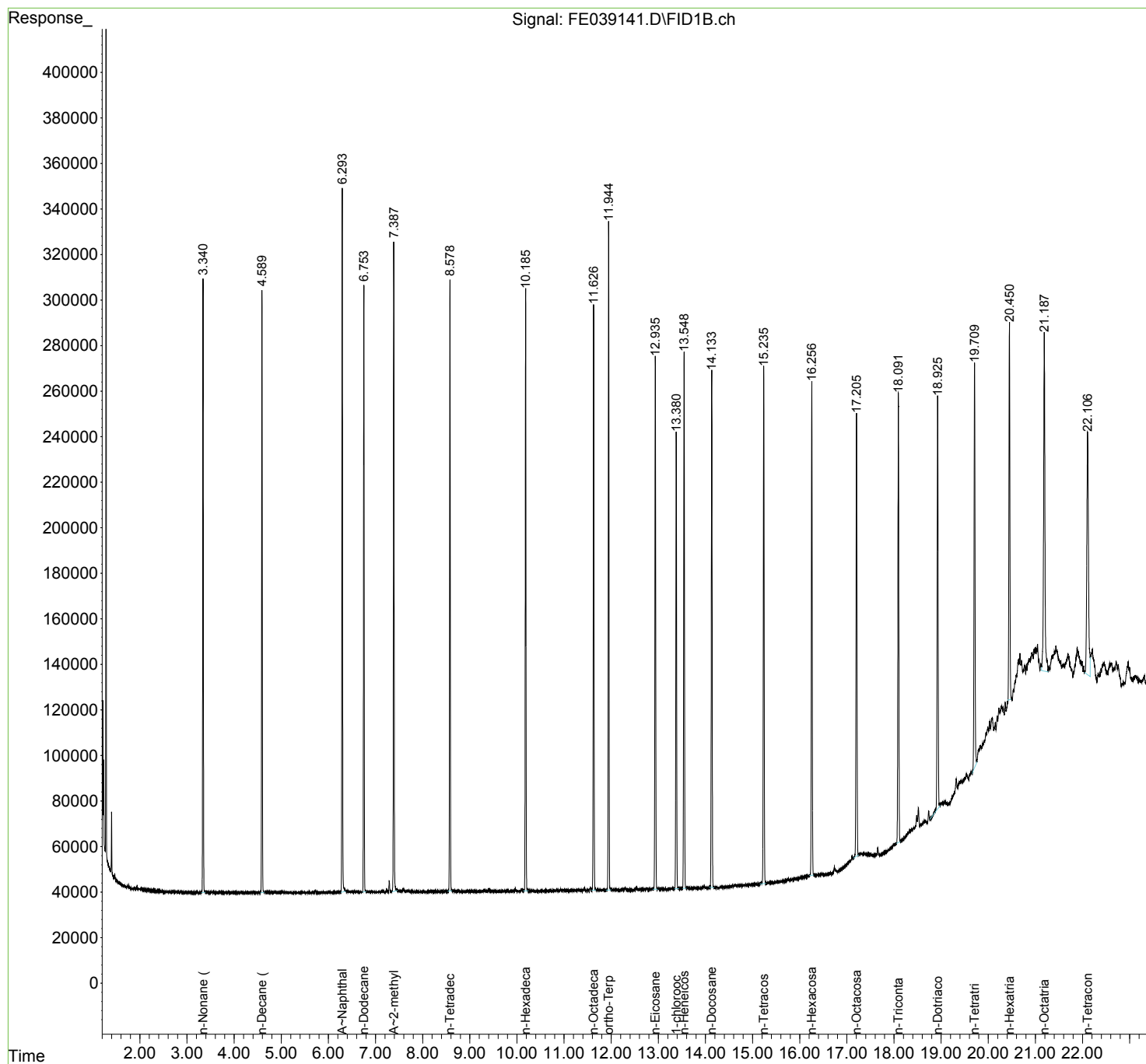
Instrument :
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20 PPM ALIPHATIC HC STD

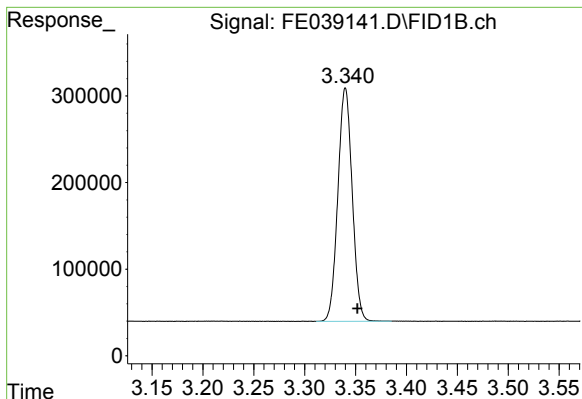
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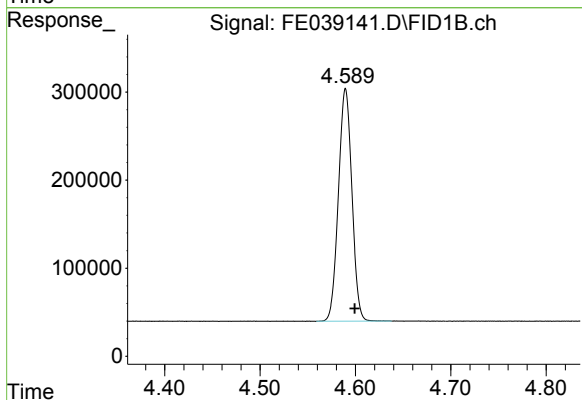
#1 n-Nonane (C9)

R.T.: 3.340 min
Delta R.T.: -0.012 min
Response: 2632797
Conc: 18.57 ug/ml

Instrument :
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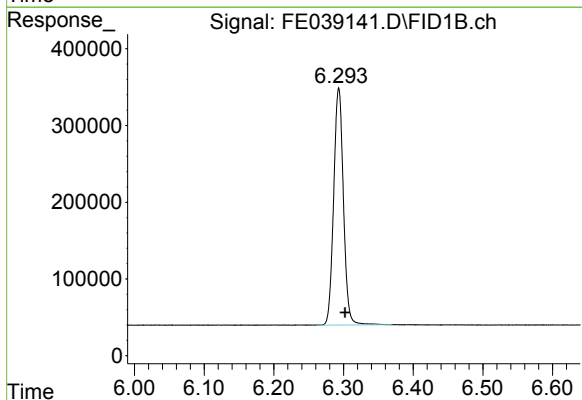
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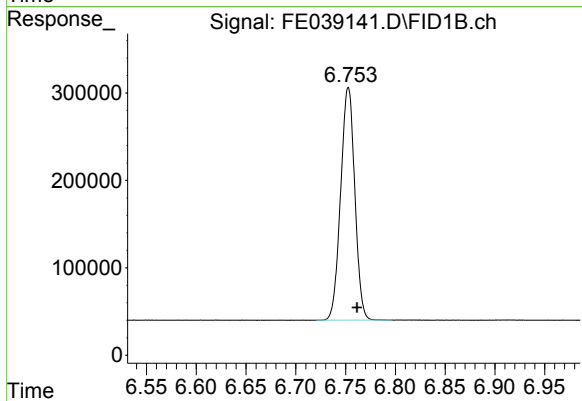
#2 n-Decane (C10)

R.T.: 4.590 min
Delta R.T.: -0.010 min
Response: 2590065
Conc: 18.58 ug/ml



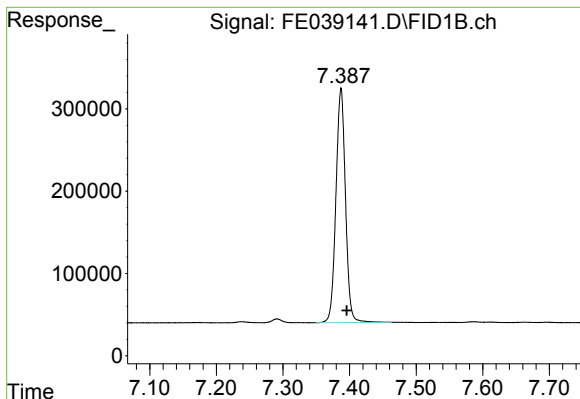
#3 A~Naphthalene (C11.7)

R.T.: 6.293 min
Delta R.T.: -0.009 min
Response: 3001546
Conc: 18.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.753 min
Delta R.T.: -0.009 min
Response: 2635547
Conc: 18.70 ug/ml



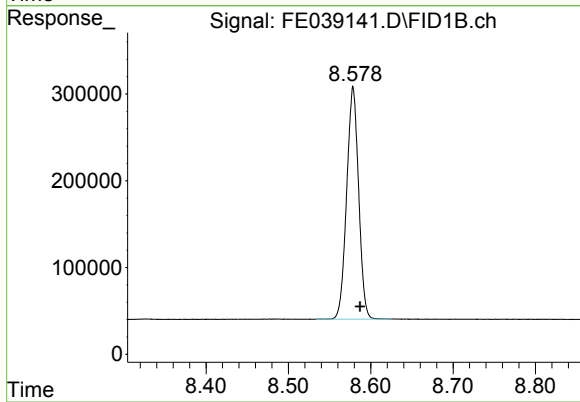
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.387 min
Delta R.T.: -0.009 min
Response: 2837057
Conc: 18.96 ug/ml

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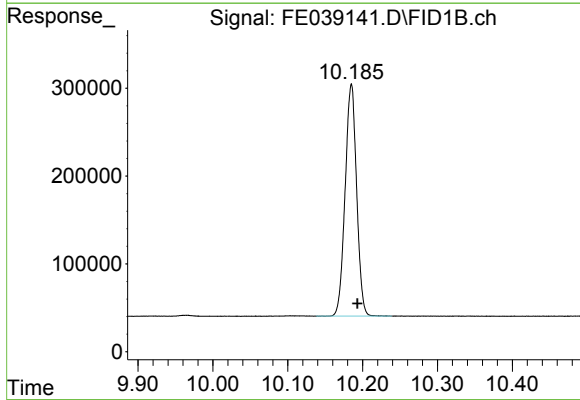
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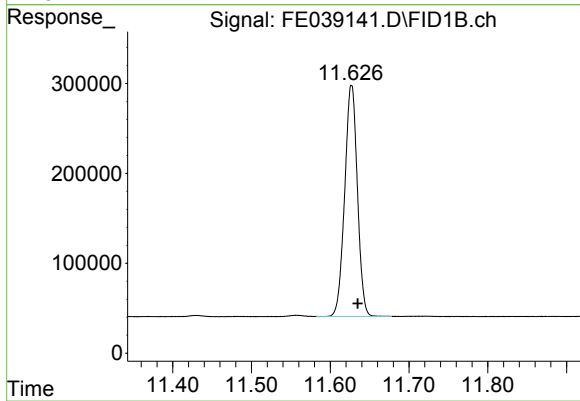
#6 n-Tetradecane (C14)

R.T.: 8.579 min
Delta R.T.: -0.008 min
Response: 2698693
Conc: 18.90 ug/ml



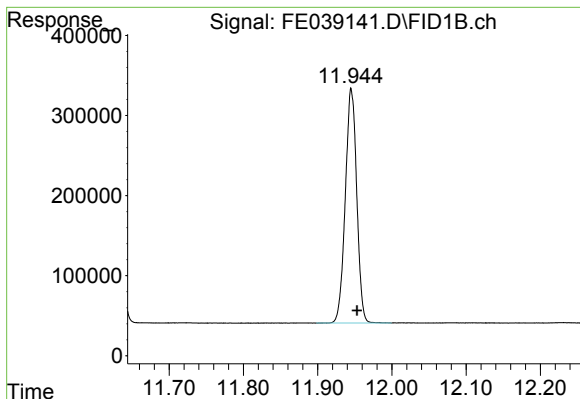
#7 n-Hexadecane (C16)

R.T.: 10.185 min
Delta R.T.: -0.008 min
Response: 2813943
Conc: 19.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.627 min
Delta R.T.: -0.008 min
Response: 2880332
Conc: 19.57 ug/ml



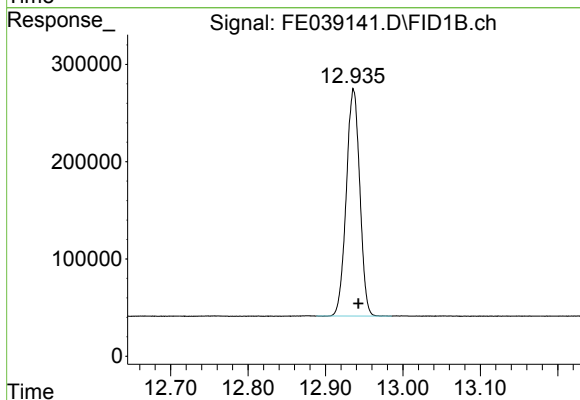
#9 ortho-Terphenyl (SURR)

R.T.: 11.945 min
Delta R.T.: -0.008 min
Response: 3127468
Conc: 19.99 ug/ml

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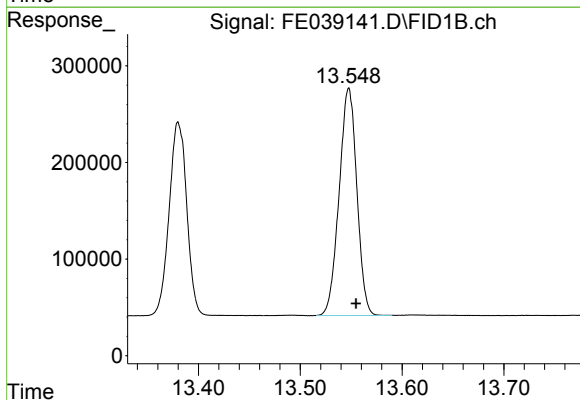
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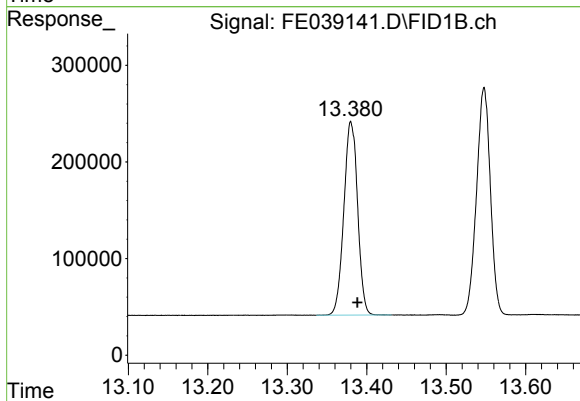
#10 n-Eicosane (C20)

R.T.: 12.936 min
Delta R.T.: -0.006 min
Response: 2828236
Conc: 19.92 ug/ml



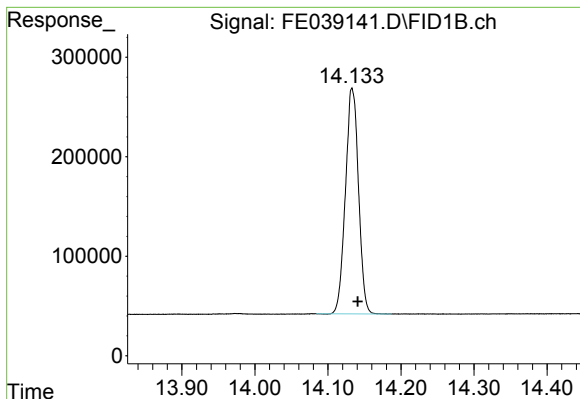
#11 n-Heneicosane (C21)

R.T.: 13.548 min
Delta R.T.: -0.007 min
Response: 2846977
Conc: 20.04 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.380 min
Delta R.T.: -0.008 min
Response: 2410369
Conc: 19.96 ug/ml



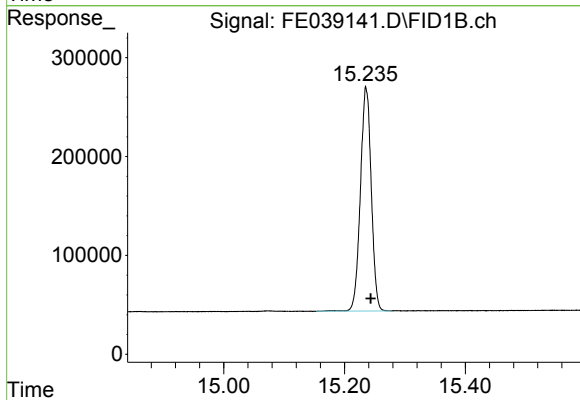
#13 n-Docosane (C22)

R.T.: 14.133 min
Delta R.T.: -0.008 min
Response: 2820028
Conc: 20.17 ug/ml

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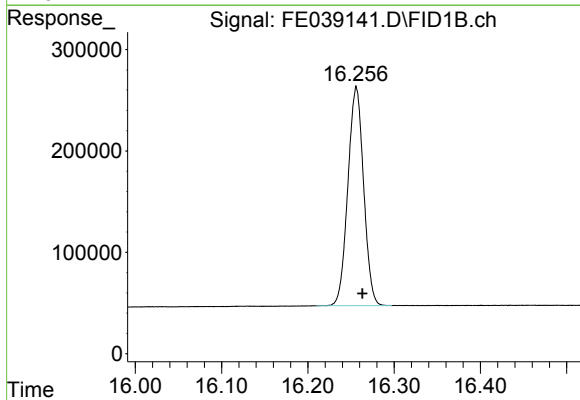
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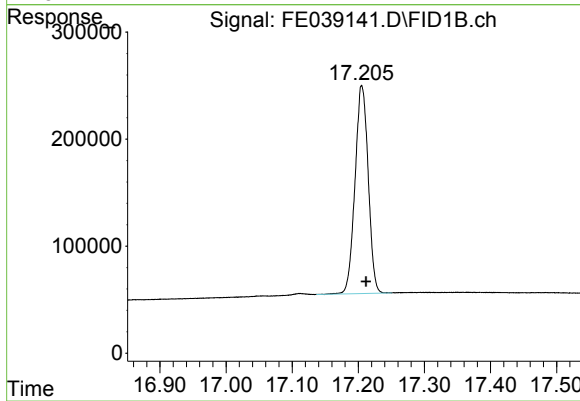
#14 n-Tetracosane (C24)

R.T.: 15.236 min
Delta R.T.: -0.008 min
Response: 2820950
Conc: 20.43 ug/ml



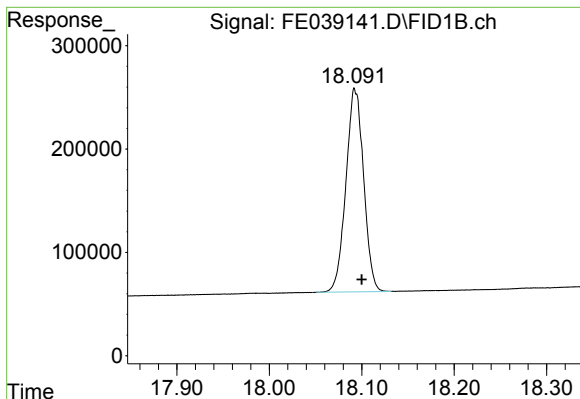
#15 n-Hexacosane (C26)

R.T.: 16.256 min
Delta R.T.: -0.007 min
Response: 2733335
Conc: 20.35 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.205 min
Delta R.T.: -0.007 min
Response: 2689123
Conc: 20.25 ug/ml



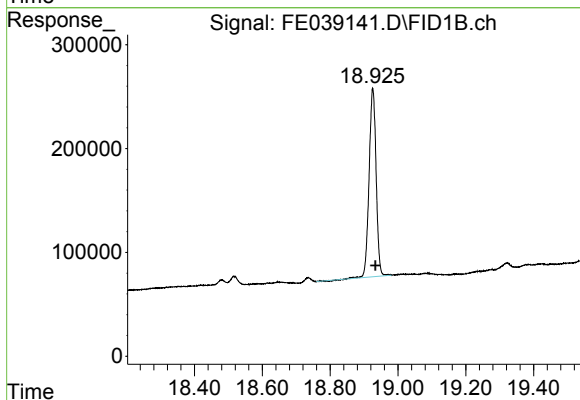
#17 n-Tricontane (C30)

R.T.: 18.093 min
Delta R.T.: -0.008 min
Response: 2621386
Conc: 19.85 ug/ml

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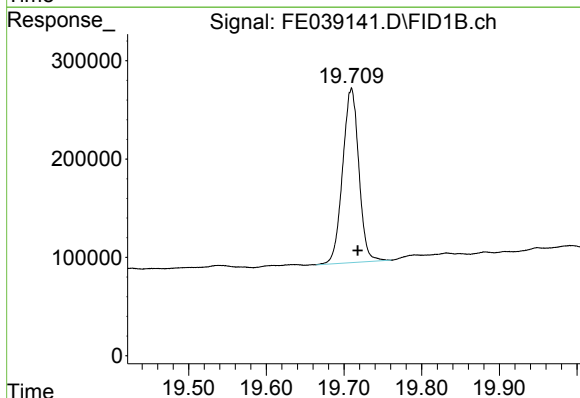
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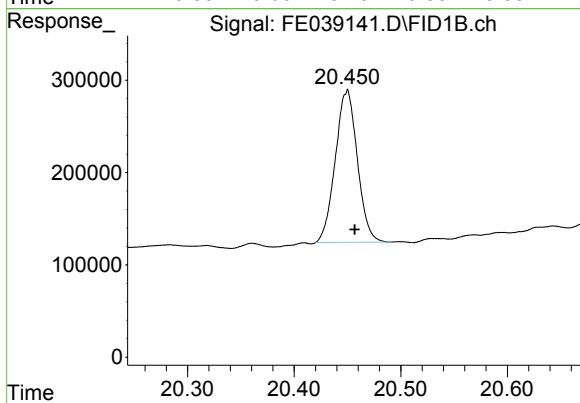
#18 n-Dotriacontane (C32)

R.T.: 18.926 min
Delta R.T.: -0.008 min
Response: 2604984
Conc: 19.53 ug/ml



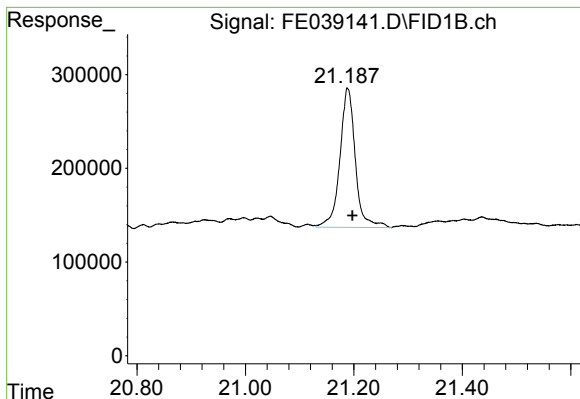
#19 n-Tetratriacontane (C34)

R.T.: 19.709 min
Delta R.T.: -0.008 min
Response: 2565665
Conc: 19.39 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.450 min
Delta R.T.: -0.007 min
Response: 2366742
Conc: 18.42 ug/ml



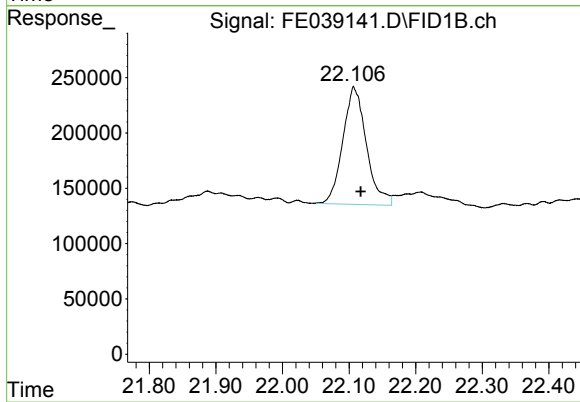
#21 n-Octatriacontane (C38)

R.T.: 21.189 min
Delta R.T.: -0.009 min
Response: 2939711
Conc: 22.43 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.107 min
Delta R.T.: -0.011 min
Response: 2608980
Conc: 19.16 ug/ml