

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101322AL\
 Data File : FE038123.D
 Signal(s) : FID1B.ch
 Acq On : 13 Oct 2022 21:06
 Operator : YP\AJ
 Sample : N5105-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WC-7MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/14/2022
 Supervised By :Ankita Jodhani 10/14/2022

Integration File: sample.E
 Quant Time: Oct 14 05:50:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 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)	11.602	3984776	23.038 ug/ml
Spiked Amount 50.000		Recovery =	46.08%
12) S 1-chlorooctadecane (S...	13.025	3408717	25.219 ug/ml
Spiked Amount 50.000		Recovery =	50.44%
Target Compounds			
1) T n-Nonane (C9)	3.000	3908224	26.536 ug/ml
2) T n-Decane (C10)	4.256	4289535	29.013 ug/ml
3) T A~Naphthalene (C11.7)	5.971	4668684	34.093 ug/ml
4) T n-Dodecane (C12)	6.426	4898361	32.145 ug/ml
5) T A~2-methylnaphthalene...	7.065	4729390	35.584 ug/ml
6) T n-Tetradecane (C14)	8.246	5272954	34.452 ug/ml
7) T n-Hexadecane (C16)	9.845	5564248	35.623 ug/ml
8) T n-Octadecane (C18)	11.280	5809067	36.216 ug/ml
10) T n-Eicosane (C20)	12.582	5624392	34.490 ug/ml
11) T n-Heneicosane (C21)	13.190	5537385	33.607 ug/ml
13) T n-Docosane (C22)	13.774	5461740	33.179 ug/ml
14) T n-Tetracosane (C24)	14.874	10196658	62.173 ug/ml
15) T n-Hexacosane (C26)	15.887	5065196	31.063 ug/ml
16) T n-Octacosane (C28)	16.830	5722986	35.724 ug/ml
17) T n-Tricontane (C30)	17.714	4790246	29.934 ug/ml
18) T n-Dotriacontane (C32)	18.541	4892653	31.070 ug/ml
19) T n-Tetratriacontane (C34)	19.321	4565841	30.818 ug/ml
20) T n-Hexatriacontane (C36)	20.056	4634441	32.146 ug/ml
21) T n-Octatriacontane (C38)	20.752	4679230	34.482 ug/ml
22) T n-Tetracontane (C40)	21.521	4670356	36.689 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 21 Sample Multiplier: 1

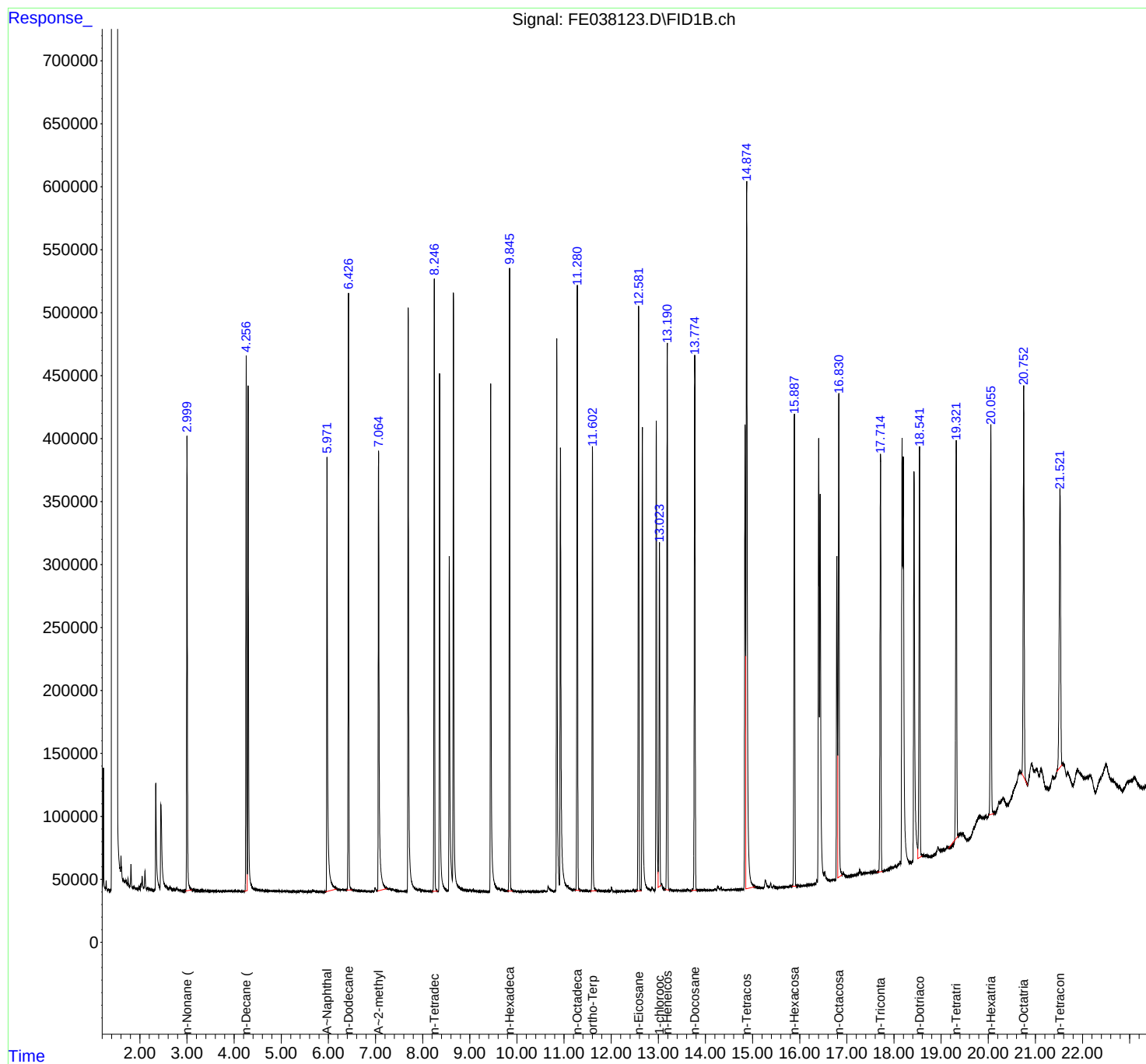
Instrument :
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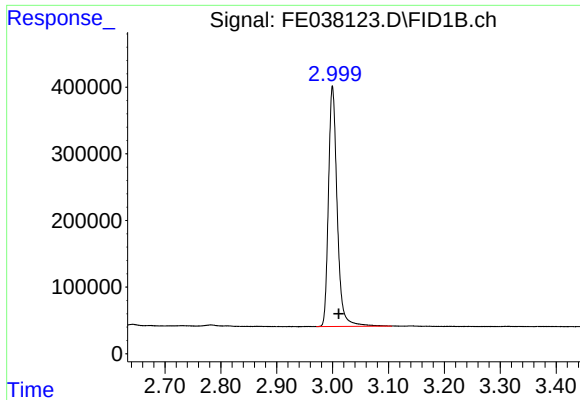
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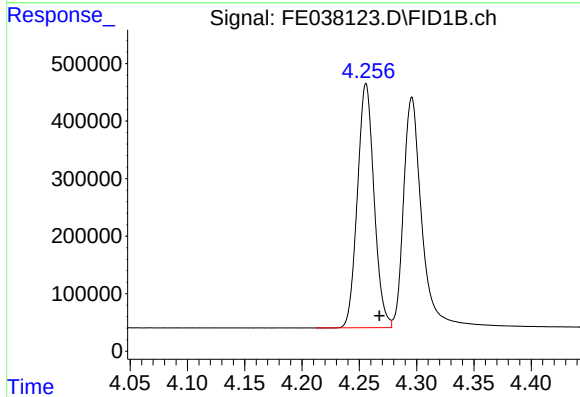
#1 n-Nonane (C9)

R.T.: 3.000 min
Delta R.T.: -0.011 min
Response: 3908224
Conc: 26.54 ug/ml

Instrument :
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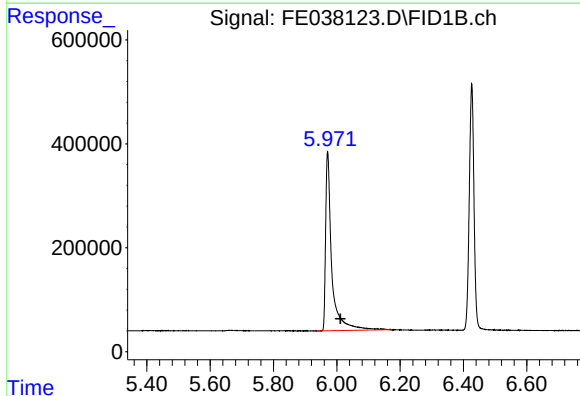
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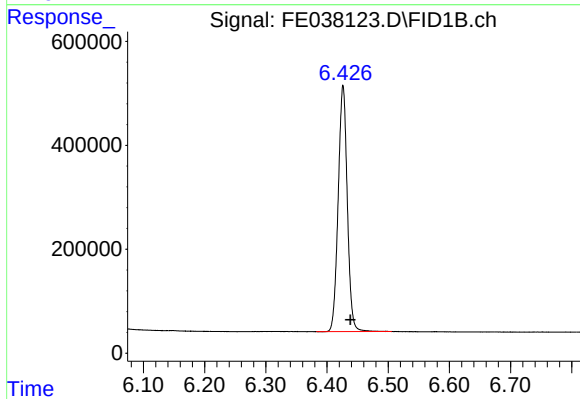
#2 n-Decane (C10)

R.T.: 4.256 min
Delta R.T.: -0.012 min
Response: 4289535
Conc: 29.01 ug/ml



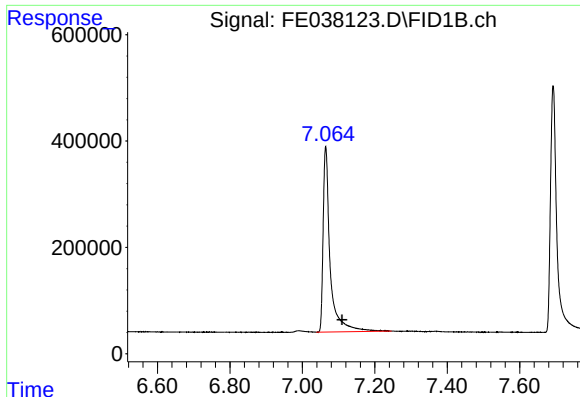
#3 A~Naphthalene (C11.7)

R.T.: 5.971 min
Delta R.T.: -0.040 min
Response: 4668684
Conc: 34.09 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.426 min
Delta R.T.: -0.012 min
Response: 4898361
Conc: 32.15 ug/ml



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

R.T.: 7.065 min
Delta R.T.: -0.045 min
Response: 4729390
Conc: 35.58 ug/ml

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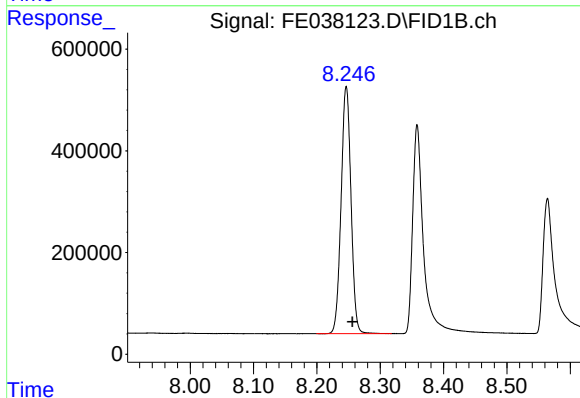
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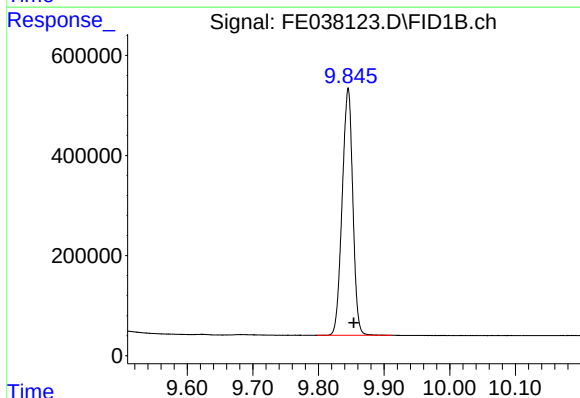
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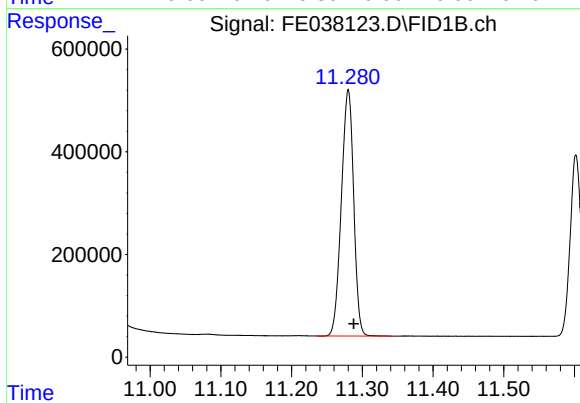
#6 n-Tetradecane (C14)

R.T.: 8.246 min
Delta R.T.: -0.010 min
Response: 5272954
Conc: 34.45 ug/ml



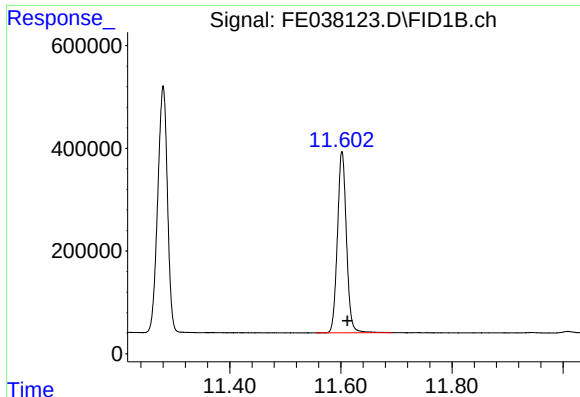
#7 n-Hexadecane (C16)

R.T.: 9.845 min
Delta R.T.: -0.009 min
Response: 5564248
Conc: 35.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.280 min
Delta R.T.: -0.008 min
Response: 5809067
Conc: 36.22 ug/ml



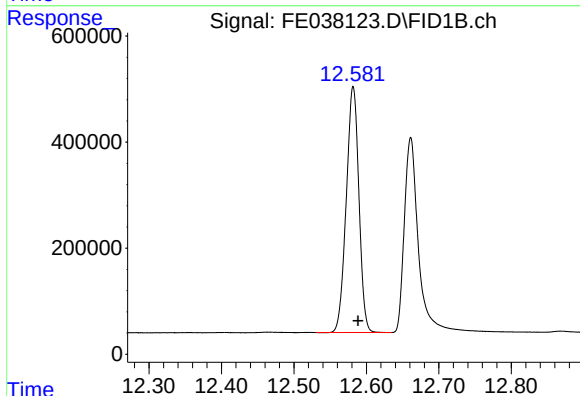
#9 ortho-Terphenyl (SURR)

R.T.: 11.602 min
Delta R.T.: -0.010 min
Response: 3984776
Conc: 23.04 ug/ml

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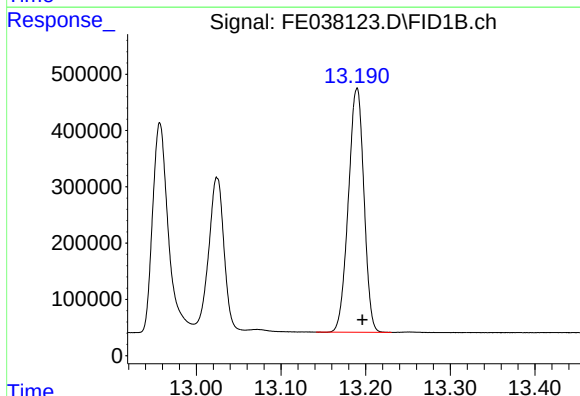
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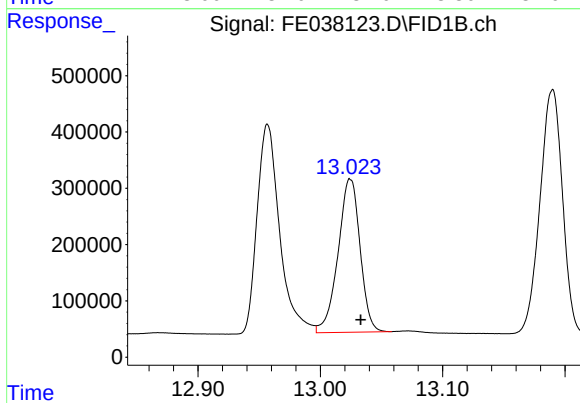
#10 n-Eicosane (C20)

R.T.: 12.582 min
Delta R.T.: -0.007 min
Response: 5624392
Conc: 34.49 ug/ml



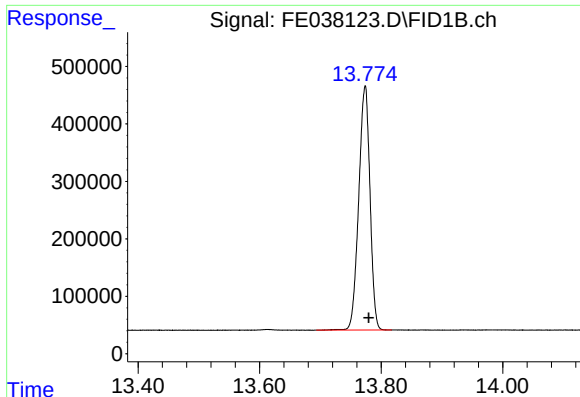
#11 n-Heneicosane (C21)

R.T.: 13.190 min
Delta R.T.: -0.006 min
Response: 5537385
Conc: 33.61 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.025 min
Delta R.T.: -0.008 min
Response: 3408717
Conc: 25.22 ug/ml



#13 n-Docosane (C22)

R.T.: 13.774 min
Delta R.T.: -0.006 min
Response: 5461740
Conc: 33.18 ug/ml

Instrument :

FID_E

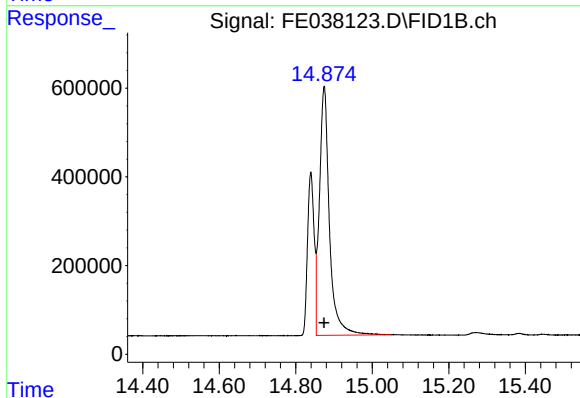
ClientSampleId :

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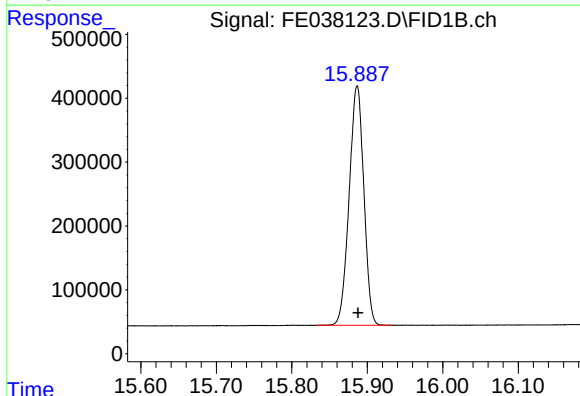
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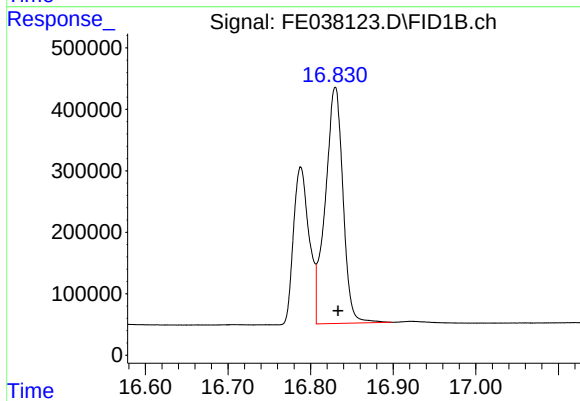
#14 n-Tetracosane (C24)

R.T.: 14.874 min
Delta R.T.: 0.000 min
Response: 10196658
Conc: 62.17 ug/ml



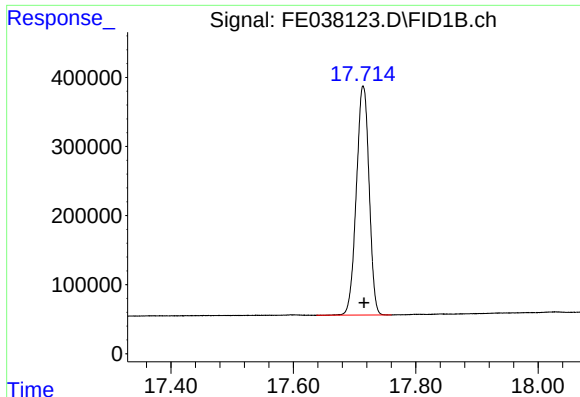
#15 n-Hexacosane (C26)

R.T.: 15.887 min
Delta R.T.: -0.001 min
Response: 5065196
Conc: 31.06 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.830 min
Delta R.T.: -0.004 min
Response: 5722986
Conc: 35.72 ug/ml



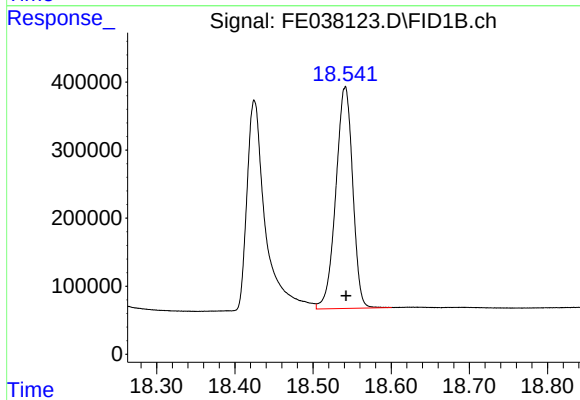
#17 n-Tricontane (C30)

R.T.: 17.714 min
Delta R.T.: -0.001 min
Response: 4790246
Conc: 29.93 ug/ml

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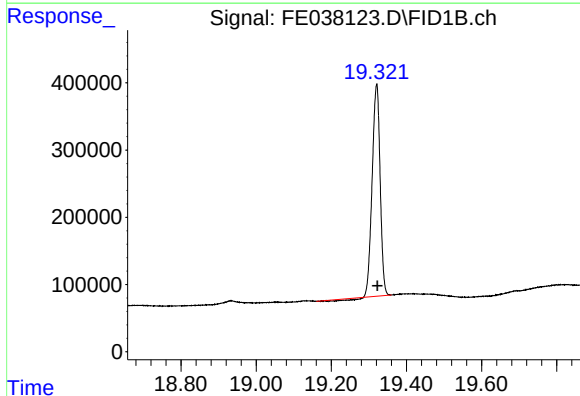
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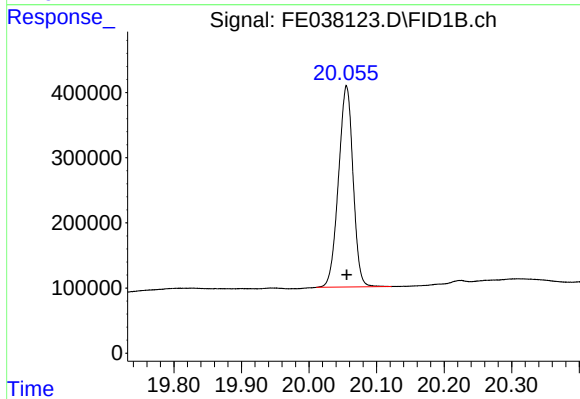
#18 n-Dotriacontane (C32)

R.T.: 18.541 min
Delta R.T.: -0.001 min
Response: 4892653
Conc: 31.07 ug/ml



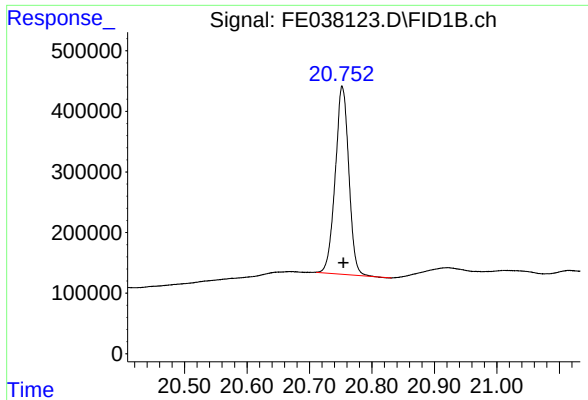
#19 n-Tetratriacontane (C34)

R.T.: 19.321 min
Delta R.T.: -0.001 min
Response: 4565841
Conc: 30.82 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.056 min
Delta R.T.: 0.000 min
Response: 4634441
Conc: 32.15 ug/ml



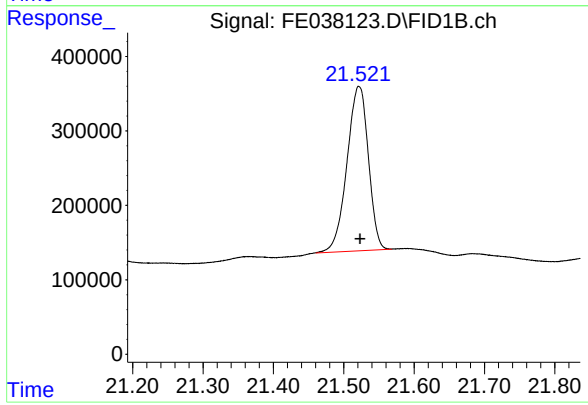
#21 n-Octatriacontane (C38)

R.T.: 20.752 min
Delta R.T.: -0.002 min
Response: 4679230
Conc: 34.48 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.521 min
Delta R.T.: -0.002 min
Response: 4670356
Conc: 36.69 ug/ml m