

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080322AL\
 Data File : FE036832.D
 Signal(s) : FID1B.ch
 Acq On : 03 Aug 2022 09:33
 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 08/04/2022
 Supervised By :Ankita Jodhani 08/04/2022

Integration File: autoint1.e
 Quant Time: Aug 03 21:15:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 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)	11.833	3301531	17.727 ug/ml
Spiked Amount 50.000		Recovery =	35.45%
12) S 1-chlorooctadecane (S...	13.272	2597380	17.072 ug/ml
Spiked Amount 50.000		Recovery =	34.14%
Target Compounds			
1) T n-Nonane (C9)	3.225	2951550	19.146 ug/ml
2) T n-Decane (C10)	4.479	2966025	19.241 ug/ml
3) T A~Naphthalene (C11.7)	6.179	3249259	19.014 ug/ml
4) T n-Dodecane (C12)	6.647	3023476	19.251 ug/ml
5) T A~2-methylnaphthalene...	7.275	3227553	18.779 ug/ml
6) T n-Tetradecane (C14)	8.473	3048185	18.671 ug/ml
7) T n-Hexadecane (C16)	10.079	3036289	18.421 ug/ml
8) T n-Octadecane (C18)	11.521	3035205	17.859 ug/ml
10) T n-Eicosane (C20)	12.829	2962983	17.419 ug/ml
11) T n-Heneicosane (C21)	13.441	2939302	17.174 ug/ml
13) T n-Docosane (C22)	14.027	2901915	16.997 ug/ml
14) T n-Tetracosane (C24)	15.130	2847889	16.707 ug/ml
15) T n-Hexacosane (C26)	16.151	2709186	16.204 ug/ml
16) T n-Octacosane (C28)	17.101	2638862	16.157 ug/ml
17) T n-Tricontane (C30)	17.988	2509830	16.516 ug/ml
18) T n-Dotriacontane (C32)	18.823	2055006	17.087 ug/ml
19) T n-Tetratriacontane (C34)	19.607	1504536	18.067 ug/ml
20) T n-Hexatriacontane (C36)	20.347	1129414	19.235 ug/mlm
21) T n-Octatriacontane (C38)	21.071	1005383	20.052 ug/ml
22) T n-Tetracontane (C40)	21.948	949188	18.380 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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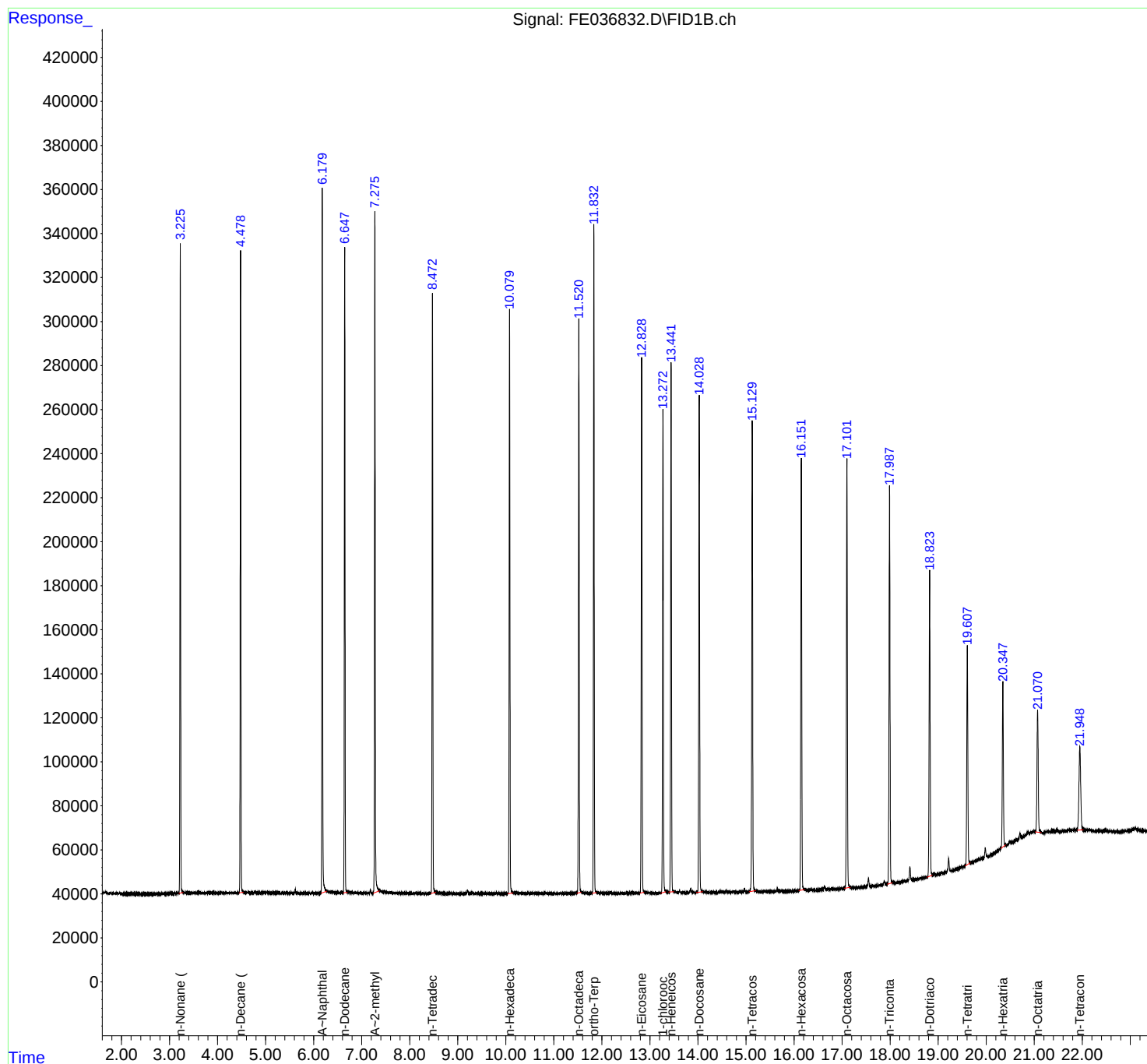
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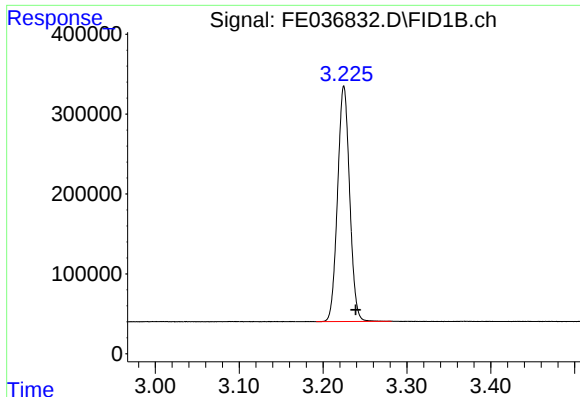
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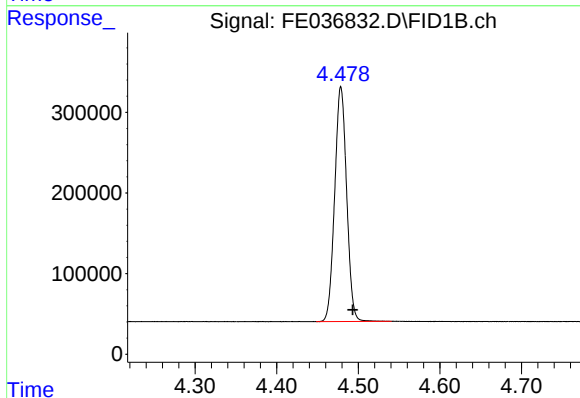
#1 n-Nonane (C9)

R.T.: 3.225 min
Delta R.T.: -0.014 min
Response: 2951550
Conc: 19.15 ug/ml

Instrument :
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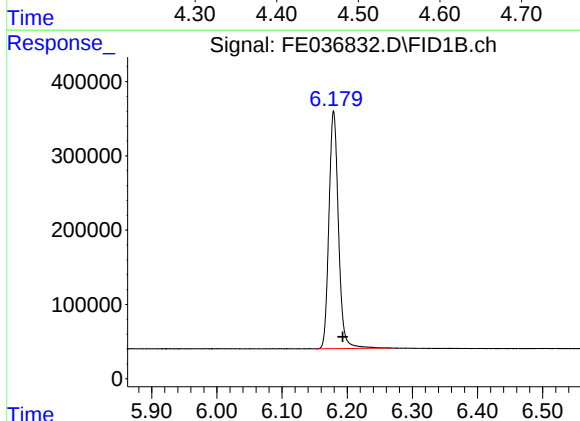
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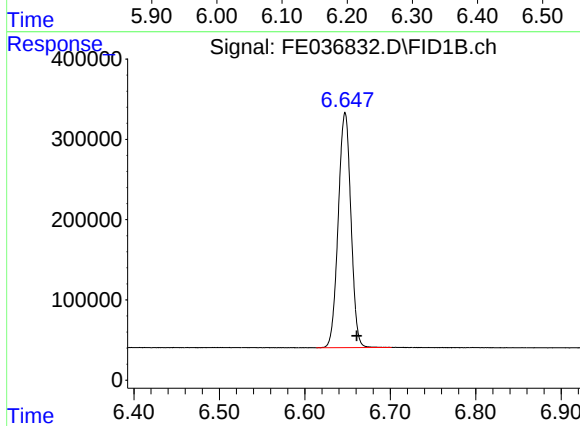
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.015 min
Response: 2966025
Conc: 19.24 ug/ml



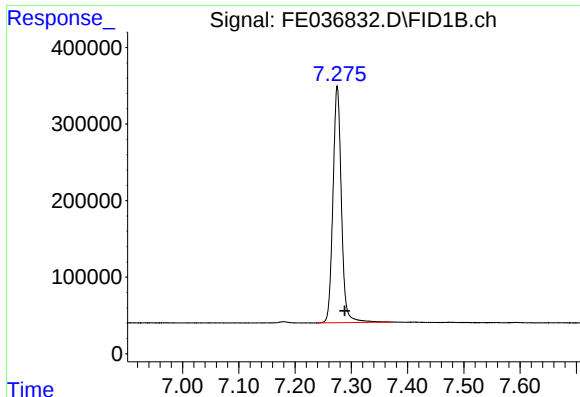
#3 A~Naphthalene (C11.7)

R.T.: 6.179 min
Delta R.T.: -0.014 min
Response: 3249259
Conc: 19.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.647 min
Delta R.T.: -0.013 min
Response: 3023476
Conc: 19.25 ug/ml



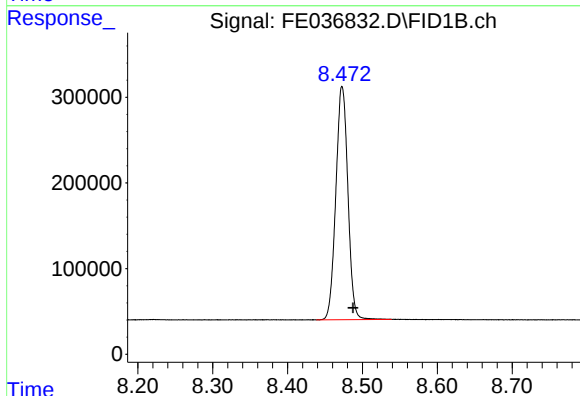
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.275 min
Delta R.T.: -0.013 min
Response: 3227553
Conc: 18.78 ug/ml

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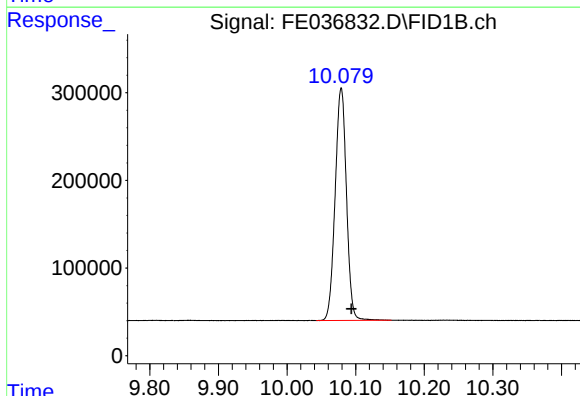
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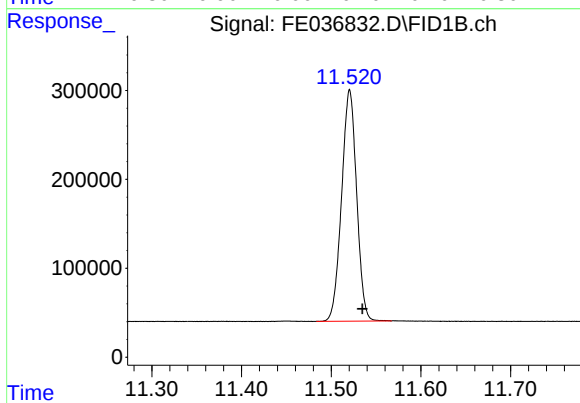
#6 n-Tetradecane (C14)

R.T.: 8.473 min
Delta R.T.: -0.014 min
Response: 3048185
Conc: 18.67 ug/ml



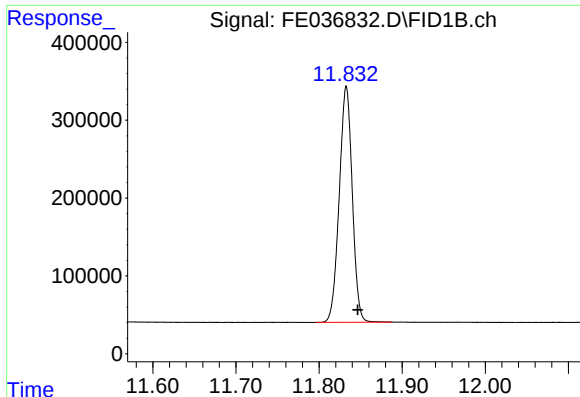
#7 n-Hexadecane (C16)

R.T.: 10.079 min
Delta R.T.: -0.015 min
Response: 3036289
Conc: 18.42 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.521 min
Delta R.T.: -0.014 min
Response: 3035205
Conc: 17.86 ug/ml



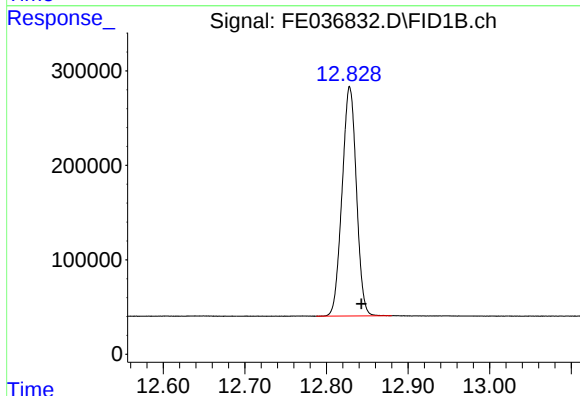
#9 ortho-Terphenyl (SURR)

R.T.: 11.833 min
Delta R.T.: -0.014 min
Response: 3301531
Conc: 17.73 ug/ml

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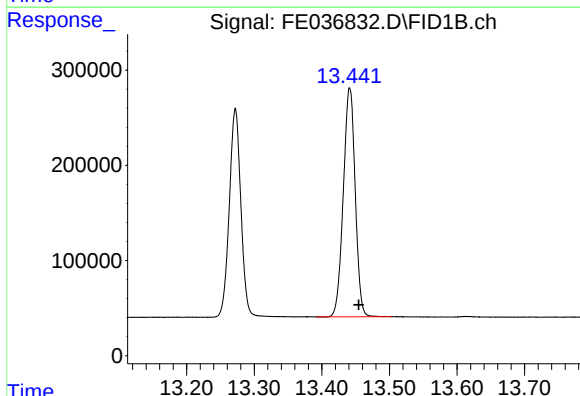
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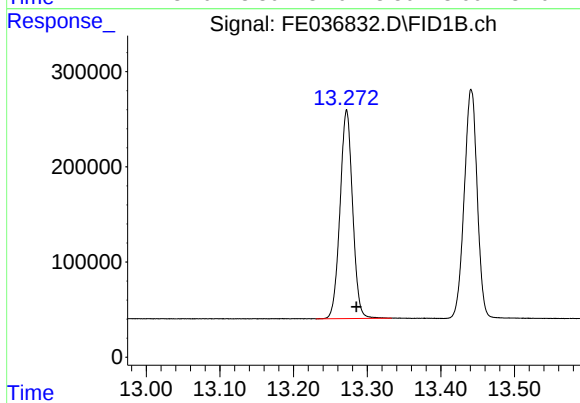
#10 n-Eicosane (C20)

R.T.: 12.829 min
Delta R.T.: -0.015 min
Response: 2962983
Conc: 17.42 ug/ml



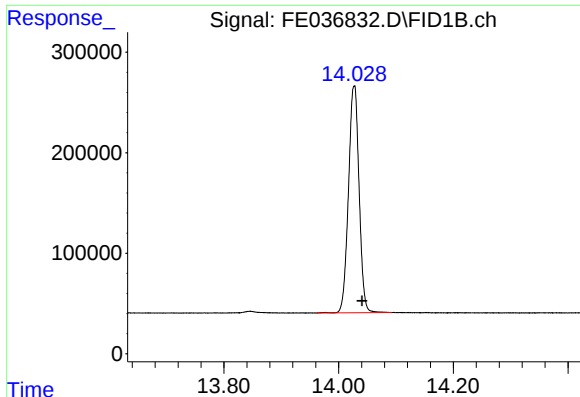
#11 n-Heneicosane (C21)

R.T.: 13.441 min
Delta R.T.: -0.014 min
Response: 2939302
Conc: 17.17 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.272 min
Delta R.T.: -0.013 min
Response: 2597380
Conc: 17.07 ug/ml



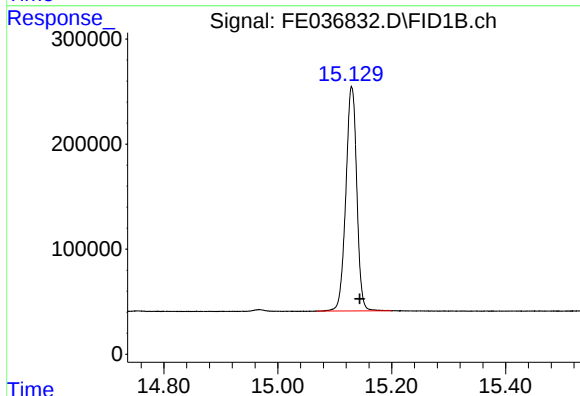
#13 n-Docosane (C22)

R.T.: 14.027 min
Delta R.T.: -0.014 min
Response: 2901915
Conc: 17.00 ug/ml

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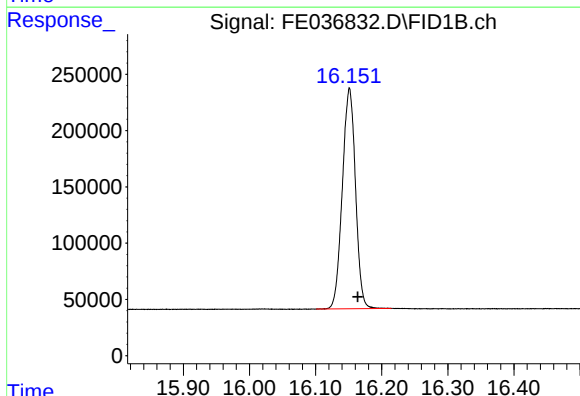
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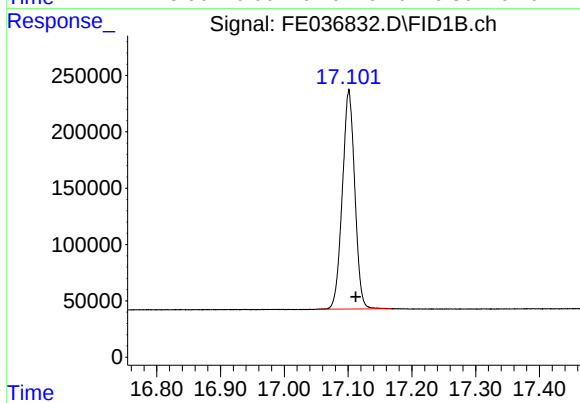
#14 n-Tetracosane (C24)

R.T.: 15.130 min
Delta R.T.: -0.014 min
Response: 2847889
Conc: 16.71 ug/ml



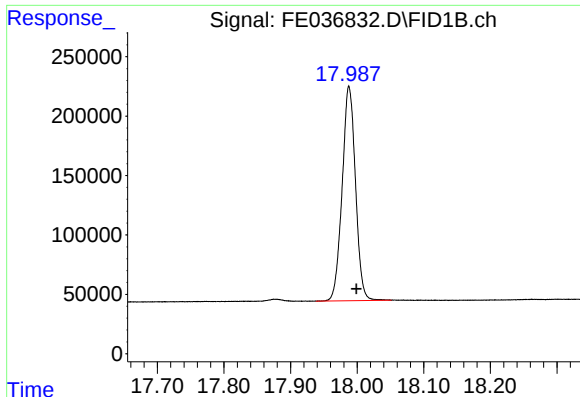
#15 n-Hexacosane (C26)

R.T.: 16.151 min
Delta R.T.: -0.013 min
Response: 2709186
Conc: 16.20 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.101 min
Delta R.T.: -0.011 min
Response: 2638862
Conc: 16.16 ug/ml



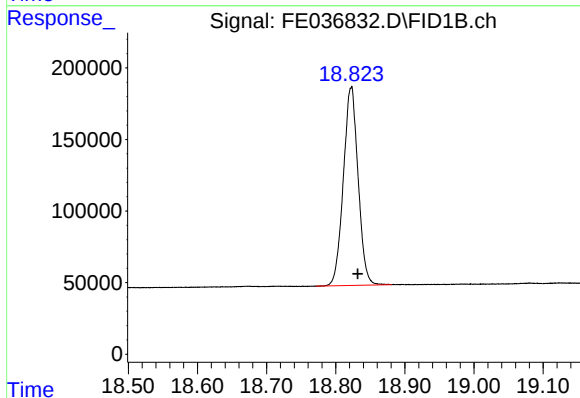
#17 n-Tricontane (C30)

R.T.: 17.988 min
Delta R.T.: -0.011 min
Response: 2509830
Conc: 16.52 ug/ml

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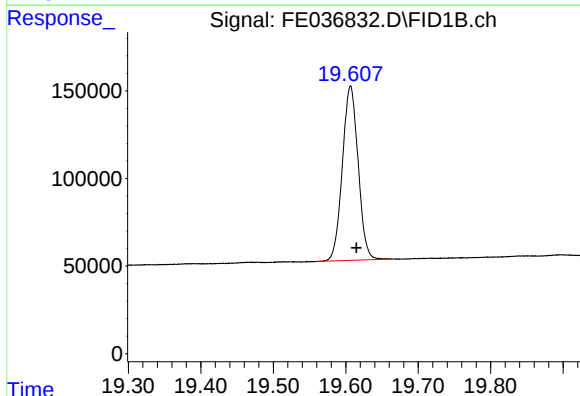
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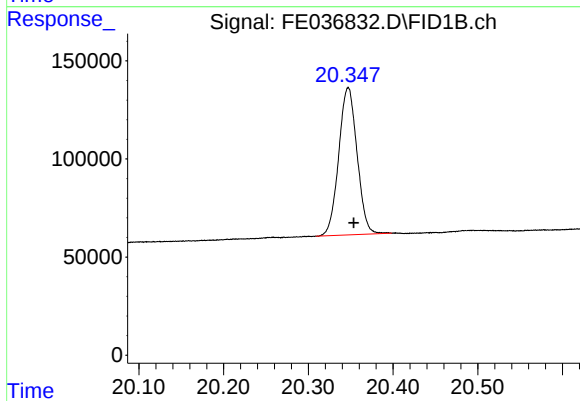
#18 n-Dotriacontane (C32)

R.T.: 18.823 min
Delta R.T.: -0.009 min
Response: 2055006
Conc: 17.09 ug/ml



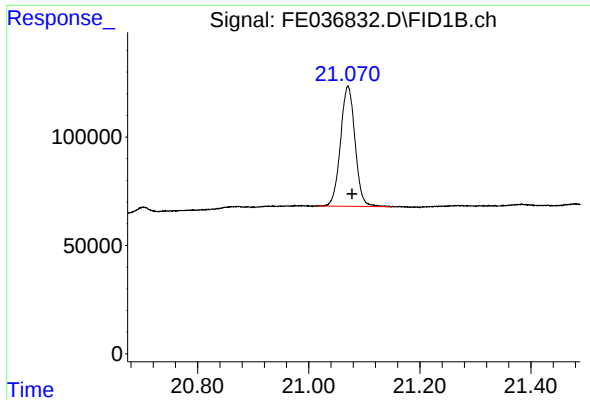
#19 n-Tetratriacontane (C34)

R.T.: 19.607 min
Delta R.T.: -0.008 min
Response: 1504536
Conc: 18.07 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.347 min
Delta R.T.: -0.007 min
Response: 1129414
Conc: 19.23 ug/ml m



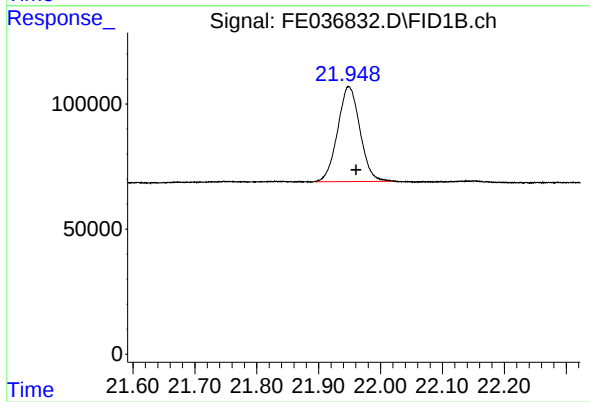
#21 n-Octatriacontane (C38)

R.T.: 21.071 min
Delta R.T.: -0.007 min
Response: 1005383
Conc: 20.05 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.948 min
Delta R.T.: -0.013 min
Response: 949188
Conc: 18.38 ug/ml m