

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102122AL\
 Data File : FE038275.D
 Signal(s) : FID1B.ch
 Acq On : 21 Oct 2022 22:39
 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 10/24/2022
 Supervised By :Ankita Jodhani 10/24/2022

Integration File: sample.E
 Quant Time: Oct 22 15:22:02 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)	11.597	3026675	17.499 ug/ml
Spiked Amount 50.000		Recovery =	35.00%
12) S 1-chlorooctadecane (S...	13.019	2368067	17.520 ug/ml
Spiked Amount 50.000		Recovery =	35.04%
Target Compounds			
1) T n-Nonane (C9)	2.989	2769877	18.807 ug/ml
2) T n-Decane (C10)	4.247	2925138	19.785 ug/ml
3) T A~Naphthalene (C11.7)	5.971	2713123	19.812 ug/ml
4) T n-Dodecane (C12)	6.420	3008512	19.743 ug/ml
5) T A~2-methylnaphthalene...	7.066	2608827	19.629 ug/ml
6) T n-Tetradecane (C14)	8.239	2997946	19.588 ug/ml
7) T n-Hexadecane (C16)	9.838	2996579	19.184 ug/ml
8) T n-Octadecane (C18)	11.272	2968820	18.509 ug/ml
10) T n-Eicosane (C20)	12.575	2897205	17.767 ug/ml
11) T n-Heneicosane (C21)	13.183	2858099	17.346 ug/ml
13) T n-Docosane (C22)	13.766	2807843	17.057 ug/ml
14) T n-Tetracosane (C24)	14.863	2719345	16.581 ug/ml
15) T n-Hexacosane (C26)	15.880	2659703	16.311 ug/ml
16) T n-Octacosane (C28)	16.824	2651846	16.553 ug/ml
17) T n-Tricontane (C30)	17.706	2782049	17.385 ug/ml
18) T n-Dotriacontane (C32)	18.536	2923288	18.564 ug/ml
19) T n-Tetratriacontane (C34)	19.316	2787979	18.818 ug/mlm
20) T n-Hexatriacontane (C36)	20.052	2868726	19.899 ug/ml
21) T n-Octatriacontane (C38)	20.750	2909968	21.444 ug/mlm
22) T n-Tetracontane (C40)	21.517	2919068	22.932 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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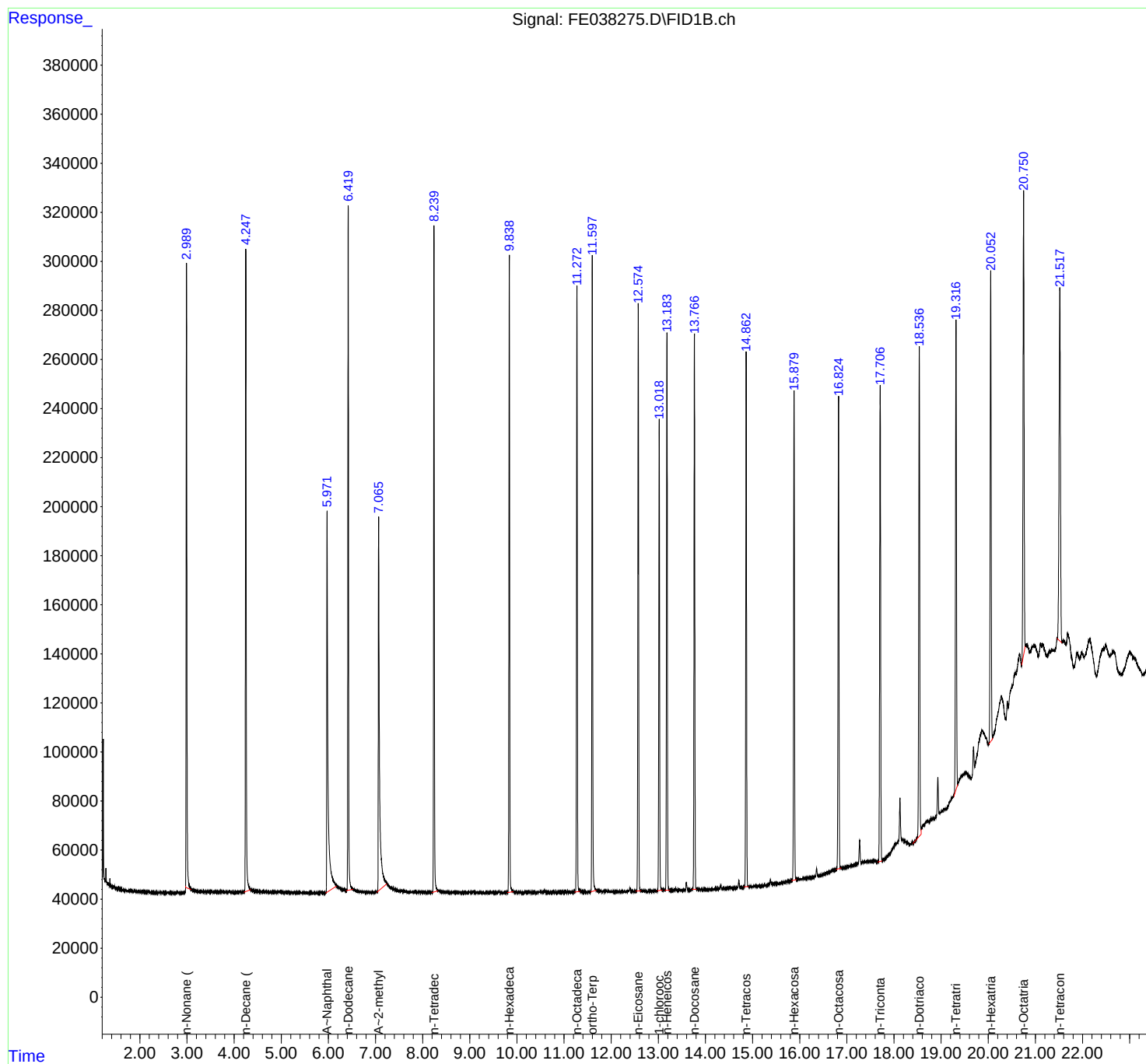
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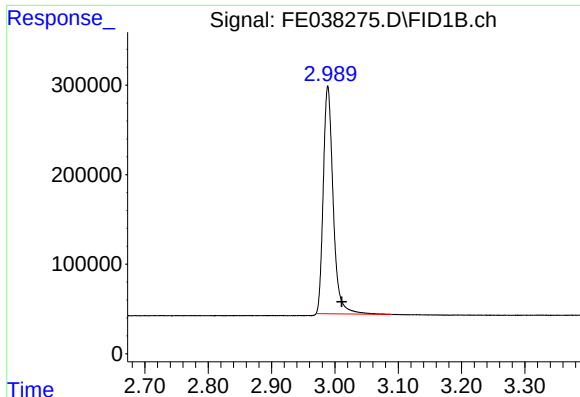
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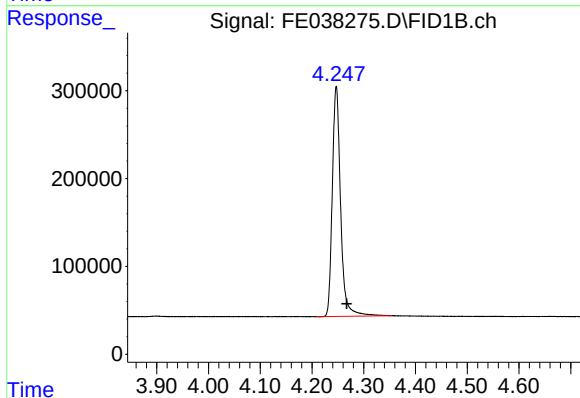
#1 n-Nonane (C9)

R.T.: 2.989 min
Delta R.T.: -0.022 min
Response: 2769877
Conc: 18.81 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

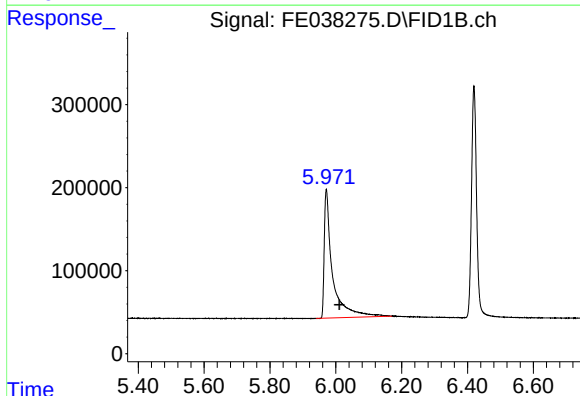
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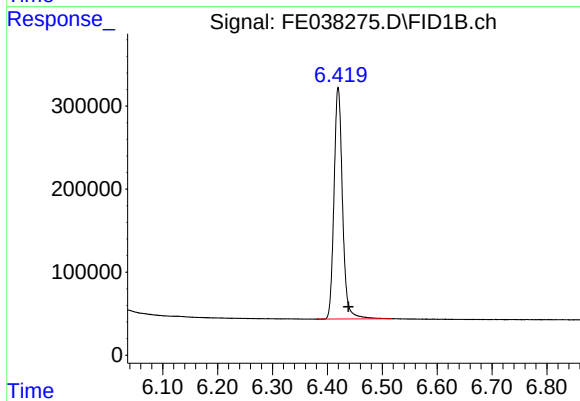
#2 n-Decane (C10)

R.T.: 4.247 min
Delta R.T.: -0.020 min
Response: 2925138
Conc: 19.78 ug/ml



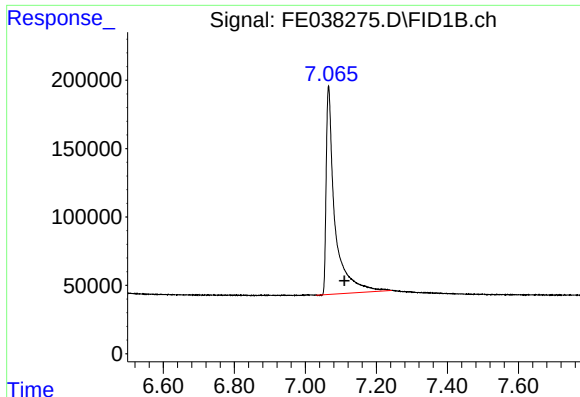
#3 A~Naphthalene (C11.7)

R.T.: 5.971 min
Delta R.T.: -0.040 min
Response: 2713123
Conc: 19.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.420 min
Delta R.T.: -0.018 min
Response: 3008512
Conc: 19.74 ug/ml



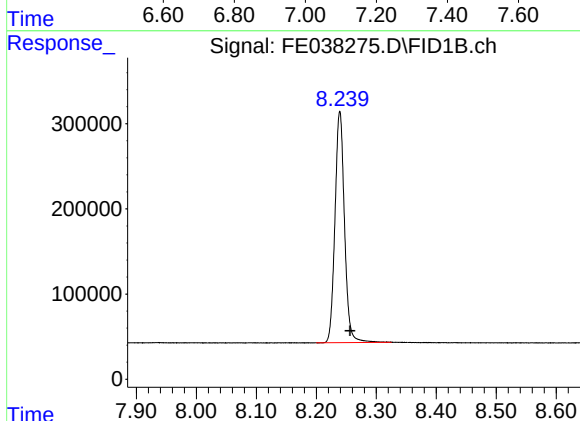
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.066 min
Delta R.T.: -0.044 min
Response: 2608827
Conc: 19.63 ug/ml

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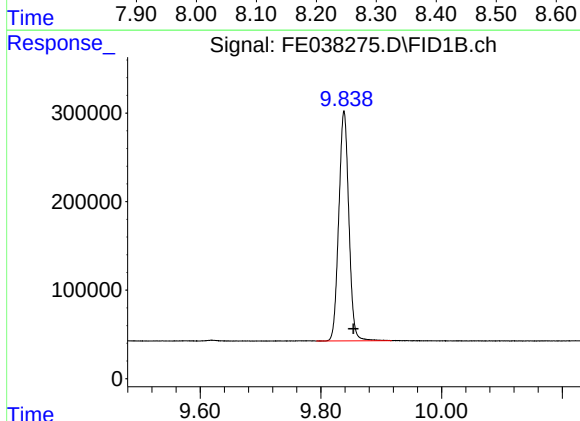
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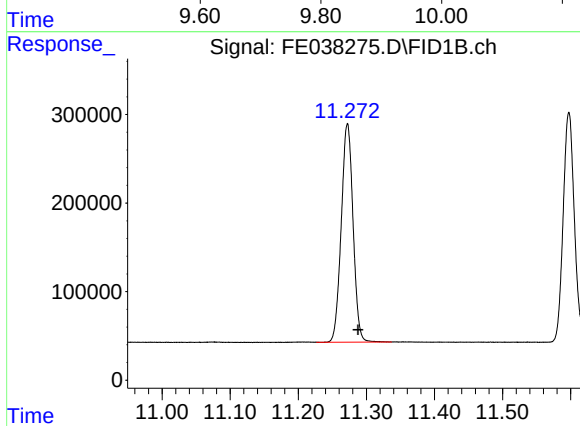
#6 n-Tetradecane (C14)

R.T.: 8.239 min
Delta R.T.: -0.017 min
Response: 2997946
Conc: 19.59 ug/ml



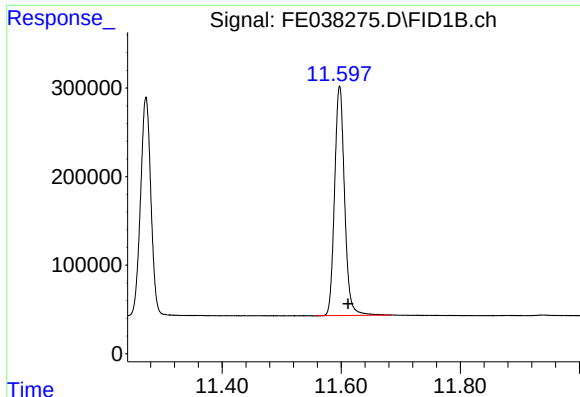
#7 n-Hexadecane (C16)

R.T.: 9.838 min
Delta R.T.: -0.016 min
Response: 2996579
Conc: 19.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.272 min
Delta R.T.: -0.016 min
Response: 2968820
Conc: 18.51 ug/ml



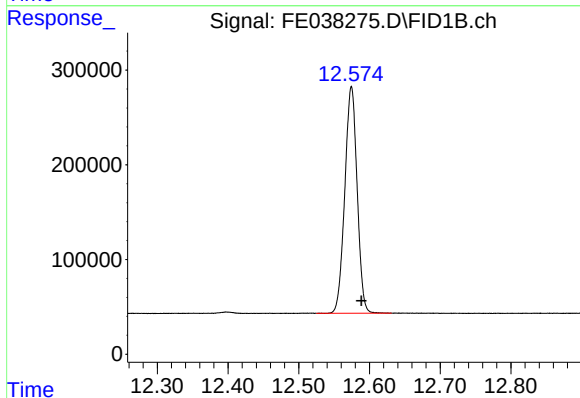
#9 ortho-Terphenyl (SURR)

R.T.: 11.597 min
Delta R.T.: -0.014 min
Response: 3026675
Conc: 17.50 ug/ml

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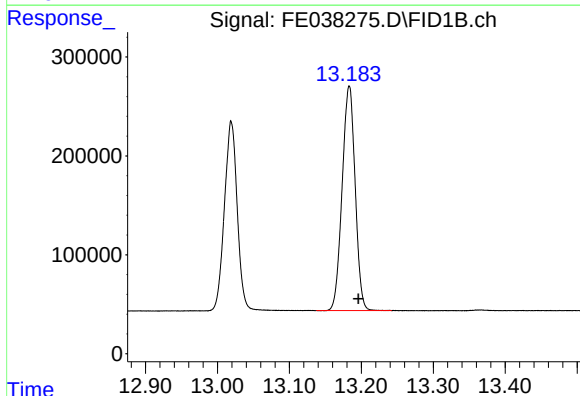
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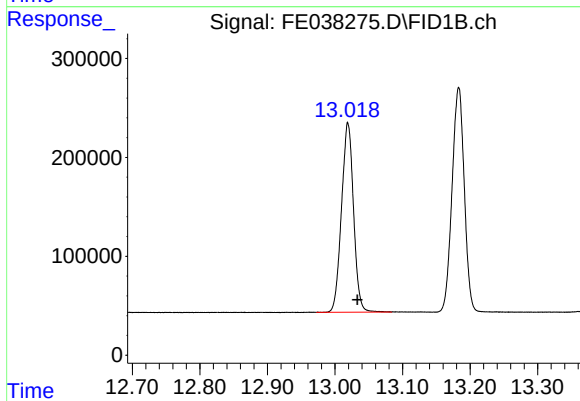
#10 n-Eicosane (C20)

R.T.: 12.575 min
Delta R.T.: -0.014 min
Response: 2897205
Conc: 17.77 ug/ml



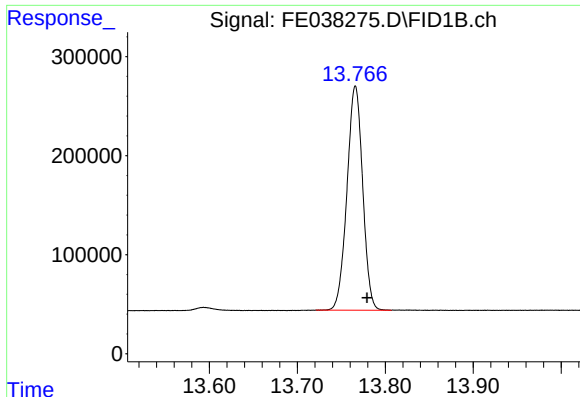
#11 n-Heneicosane (C21)

R.T.: 13.183 min
Delta R.T.: -0.013 min
Response: 2858099
Conc: 17.35 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.019 min
Delta R.T.: -0.014 min
Response: 2368067
Conc: 17.52 ug/ml



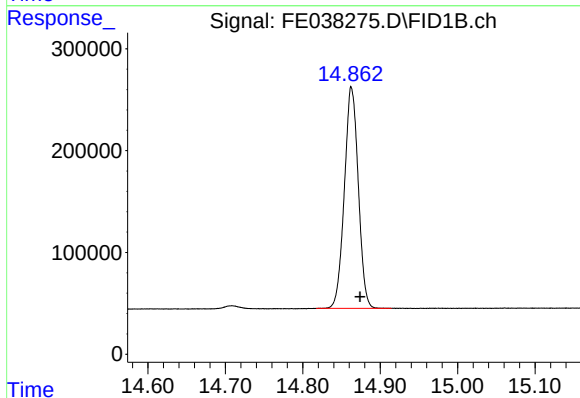
#13 n-Docosane (C22)

R.T.: 13.766 min
Delta R.T.: -0.013 min
Response: 2807843
Conc: 17.06 ug/ml

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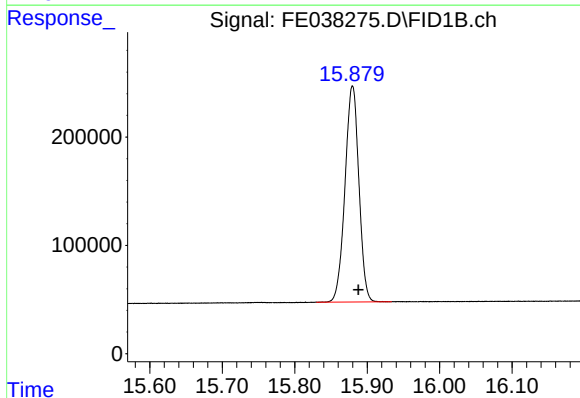
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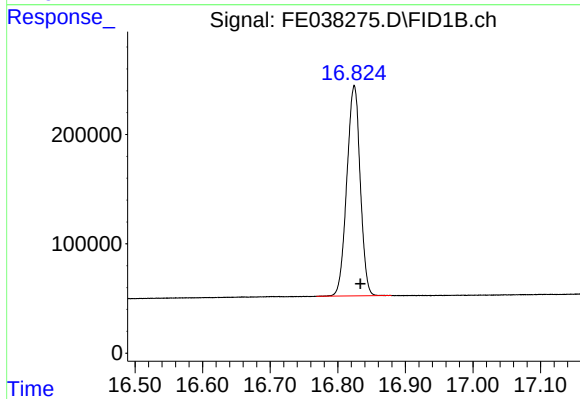
#14 n-Tetracosane (C24)

R.T.: 14.863 min
Delta R.T.: -0.011 min
Response: 2719345
Conc: 16.58 ug/ml



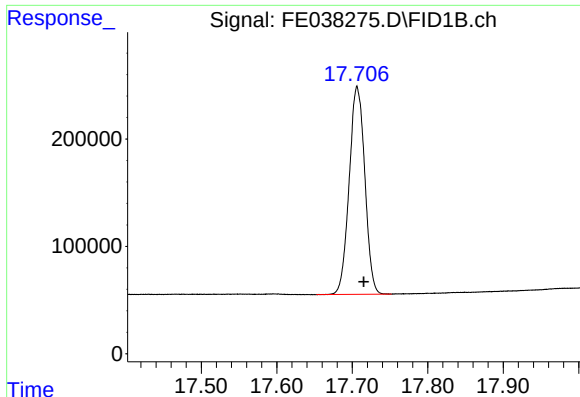
#15 n-Hexacosane (C26)

R.T.: 15.880 min
Delta R.T.: -0.008 min
Response: 2659703
Conc: 16.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.824 min
Delta R.T.: -0.009 min
Response: 2651846
Conc: 16.55 ug/ml



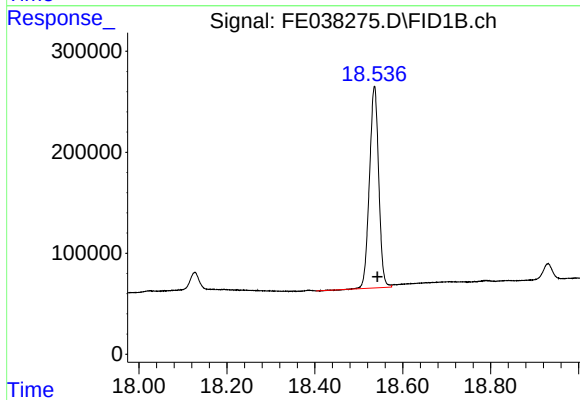
#17 n-Tricontane (C30)

R.T.: 17.706 min
Delta R.T.: -0.009 min
Response: 2782049
Conc: 17.38 ug/ml

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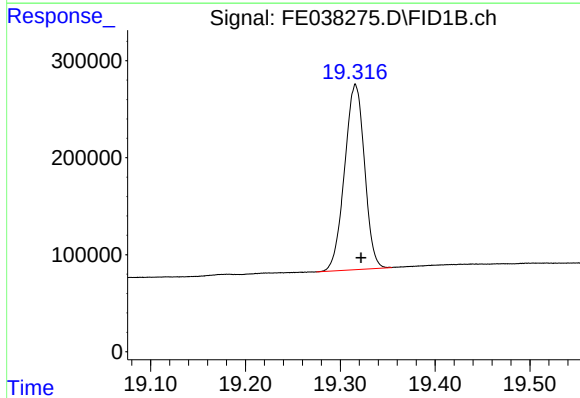
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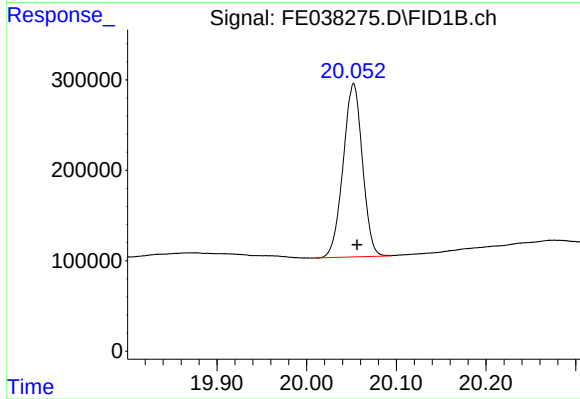
#18 n-Dotriacontane (C32)

R.T.: 18.536 min
Delta R.T.: -0.007 min
Response: 2923288
Conc: 18.56 ug/ml



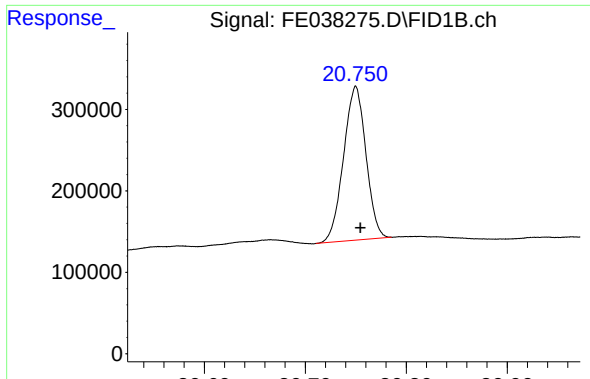
#19 n-Tetratriacontane (C34)

R.T.: 19.316 min
Delta R.T.: -0.007 min
Response: 2787979
Conc: 18.82 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.052 min
Delta R.T.: -0.004 min
Response: 2868726
Conc: 19.90 ug/ml



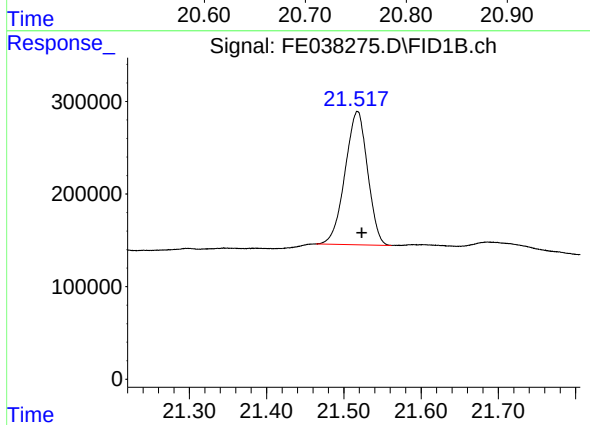
#21 n-Octatriacontane (C38)

R.T.: 20.750 min
Delta R.T.: -0.005 min
Response: 2909968
Conc: 21.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.517 min
Delta R.T.: -0.007 min
Response: 2919068
Conc: 22.93 ug/ml m