

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080222AL\
 Data File : FE036813.D
 Signal(s) : FID1B.ch
 Acq On : 02 Aug 2022 09:19
 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 08/03/2022
 Supervised By :Ankita Jodhani 08/03/2022

Integration File: autoint1.e
 Quant Time: Aug 03 04:53:27 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)	11.834	3333217	17.897 ug/ml
Spiked Amount 50.000		Recovery =	35.79%
12) S 1-chlorooctadecane (S...	13.274	2617244	17.202 ug/ml
Spiked Amount 50.000		Recovery =	34.40%
Target Compounds			
1) T n-Nonane (C9)	3.226	2960273	19.203 ug/ml
2) T n-Decane (C10)	4.480	2965348	19.237 ug/ml
3) T A~Naphthalene (C11.7)	6.180	3257390	19.062 ug/ml
4) T n-Dodecane (C12)	6.648	3016732	19.208 ug/ml
5) T A~2-methylnaphthalene...	7.276	3230683	18.797 ug/ml
6) T n-Tetradecane (C14)	8.474	3029991	18.560 ug/ml
7) T n-Hexadecane (C16)	10.080	3026041	18.359 ug/ml
8) T n-Octadecane (C18)	11.522	3045115	17.918 ug/ml
10) T n-Eicosane (C20)	12.830	2986639	17.558 ug/ml
11) T n-Heneicosane (C21)	13.443	2971197	17.360 ug/ml
13) T n-Docosane (C22)	14.028	2947934	17.266 ug/ml
14) T n-Tetracosane (C24)	15.132	2928026	17.177 ug/ml
15) T n-Hexacosane (C26)	16.152	2790000	16.688 ug/ml
16) T n-Octacosane (C28)	17.103	2710510	16.596 ug/ml
17) T n-Tricontane (C30)	17.991	2541801	16.727 ug/ml
18) T n-Dotriacontane (C32)	18.823	2068195	17.196 ug/ml
19) T n-Tetratriacontane (C34)	19.606	1503117	18.050 ug/mlm
20) T n-Hexatriacontane (C36)	20.348	1150227	19.589 ug/mlm
21) T n-Octatriacontane (C38)	21.071	988787	19.721 ug/mlm
22) T n-Tetracontane (C40)	21.951	953777	18.469 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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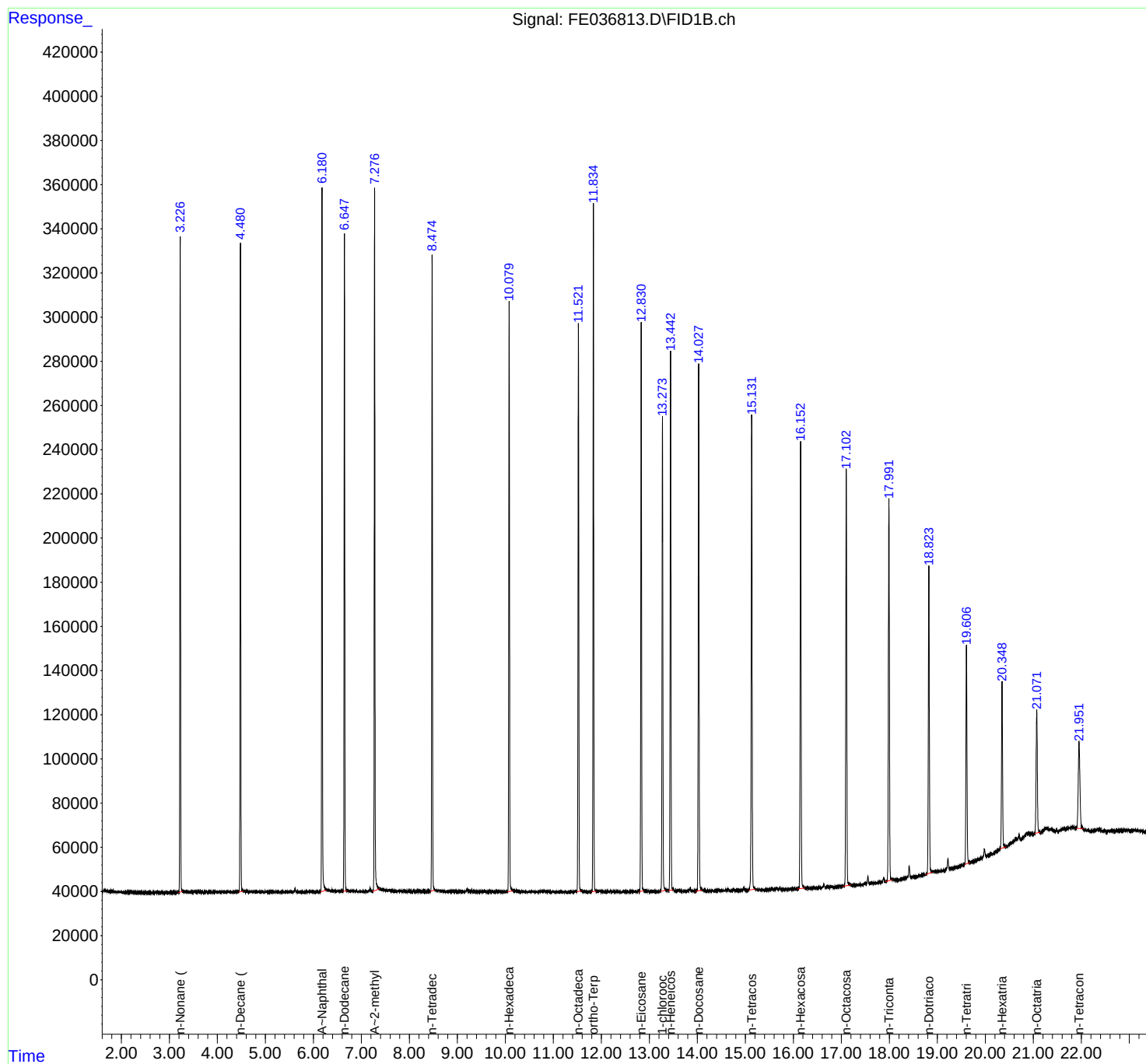
Instrument :
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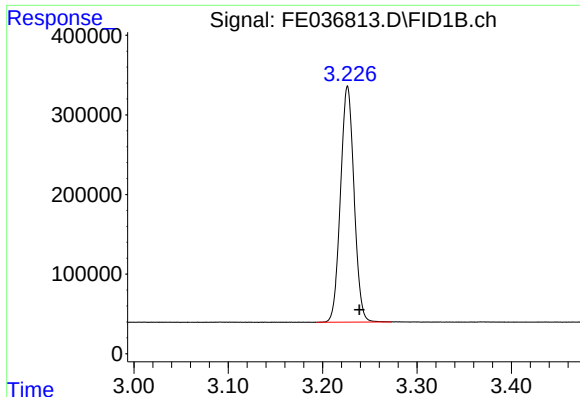
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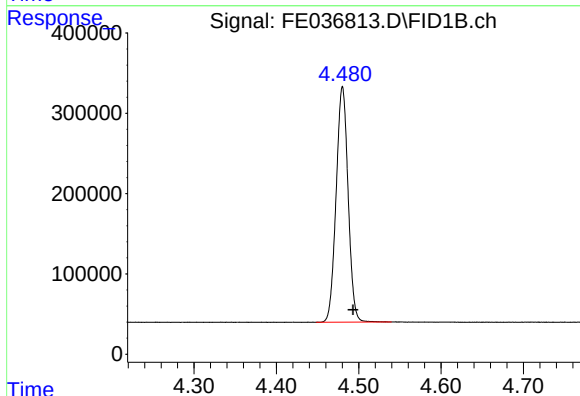
#1 n-Nonane (C9)

R.T.: 3.226 min
Delta R.T.: -0.013 min
Response: 2960273
Conc: 19.20 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

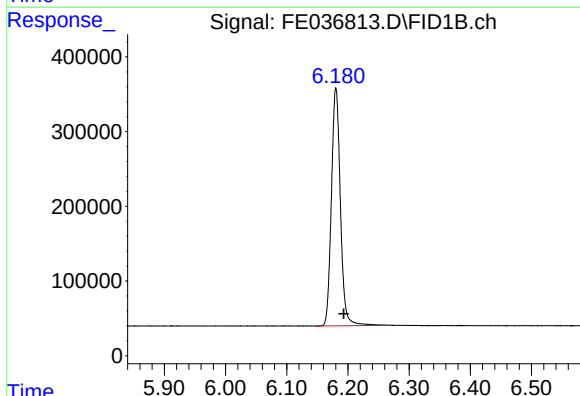
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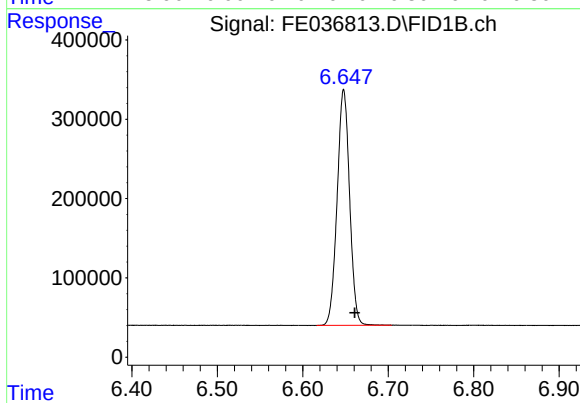
#2 n-Decane (C10)

R.T.: 4.480 min
Delta R.T.: -0.013 min
Response: 2965348
Conc: 19.24 ug/ml



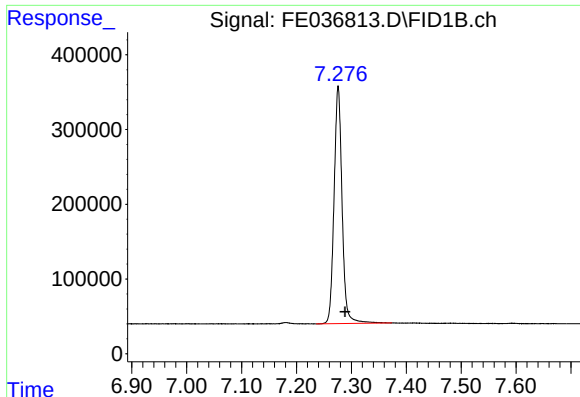
#3 A~Naphthalene (C11.7)

R.T.: 6.180 min
Delta R.T.: -0.013 min
Response: 3257390
Conc: 19.06 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.648 min
Delta R.T.: -0.013 min
Response: 3016732
Conc: 19.21 ug/ml



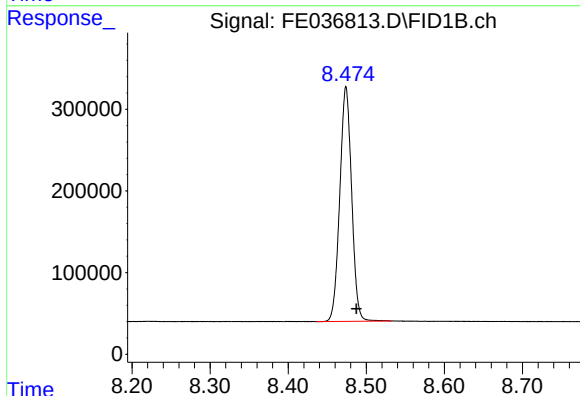
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.276 min
Delta R.T.: -0.012 min
Response: 3230683
Conc: 18.80 ug/ml

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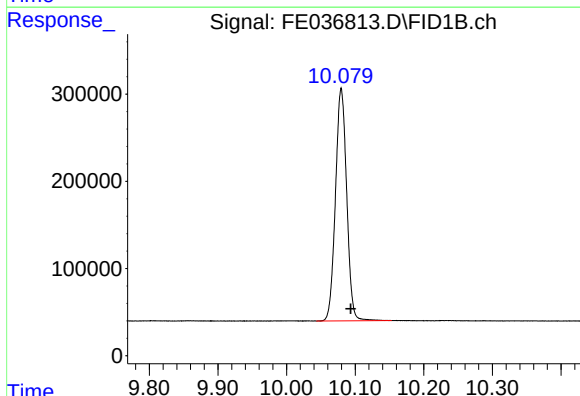
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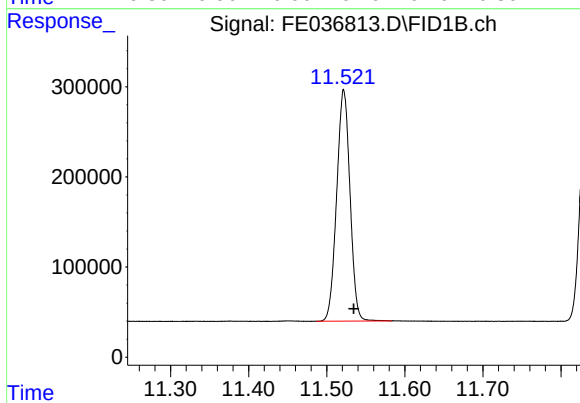
#6 n-Tetradecane (C14)

R.T.: 8.474 min
Delta R.T.: -0.013 min
Response: 3029991
Conc: 18.56 ug/ml



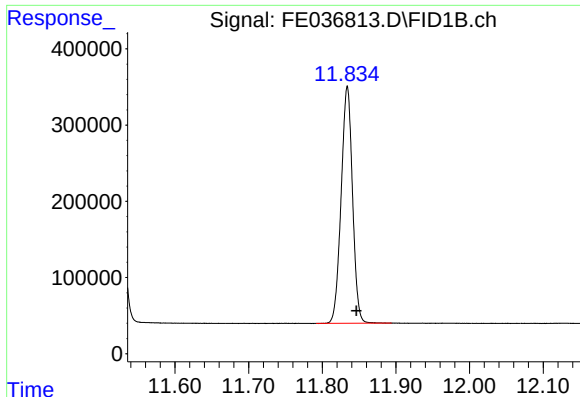
#7 n-Hexadecane (C16)

R.T.: 10.080 min
Delta R.T.: -0.014 min
Response: 3026041
Conc: 18.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.522 min
Delta R.T.: -0.013 min
Response: 3045115
Conc: 17.92 ug/ml



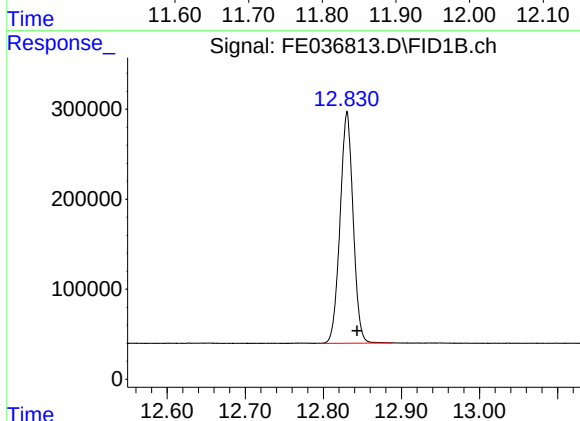
#9 ortho-Terphenyl (SURR)

R.T.: 11.834 min
Delta R.T.: -0.012 min
Response: 3333217
Conc: 17.90 ug/ml

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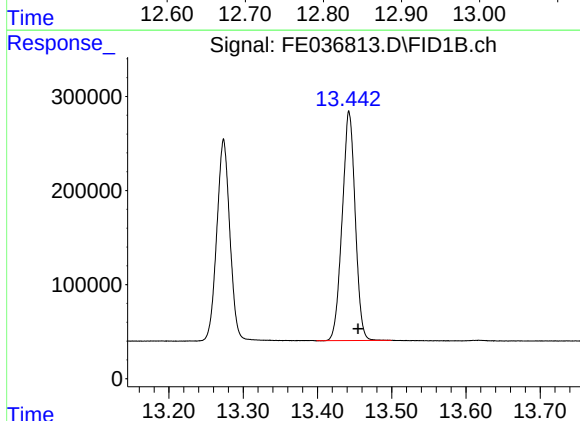
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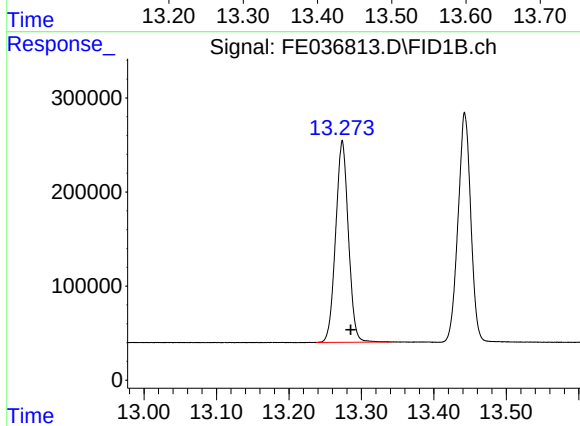
#10 n-Eicosane (C20)

R.T.: 12.830 min
Delta R.T.: -0.013 min
Response: 2986639
Conc: 17.56 ug/ml



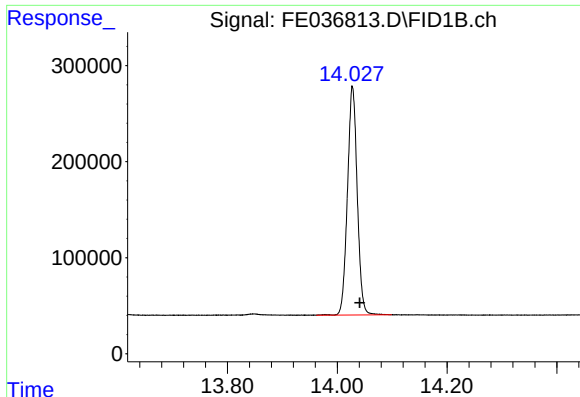
#11 n-Heneicosane (C21)

R.T.: 13.443 min
Delta R.T.: -0.012 min
Response: 2971197
Conc: 17.36 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.274 min
Delta R.T.: -0.012 min
Response: 2617244
Conc: 17.20 ug/ml



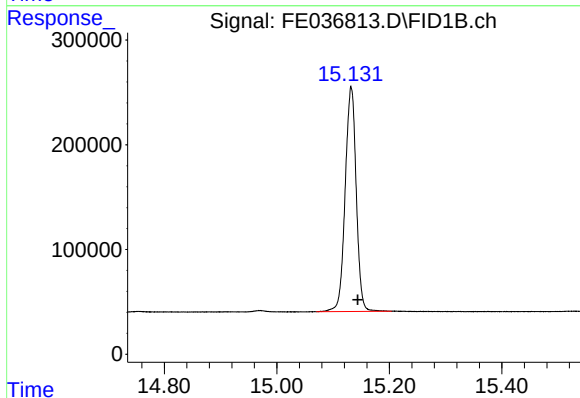
#13 n-Docosane (C22)

R.T.: 14.028 min
Delta R.T.: -0.013 min
Response: 2947934
Conc: 17.27 ug/ml

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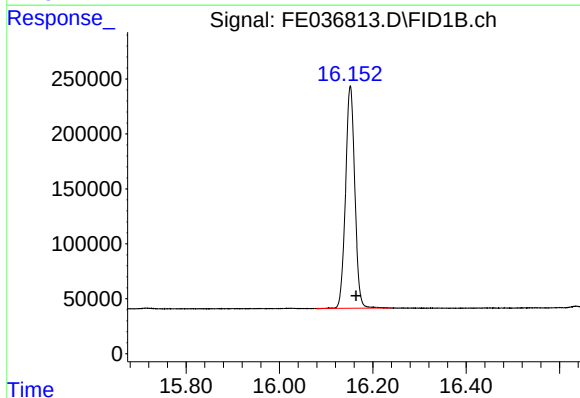
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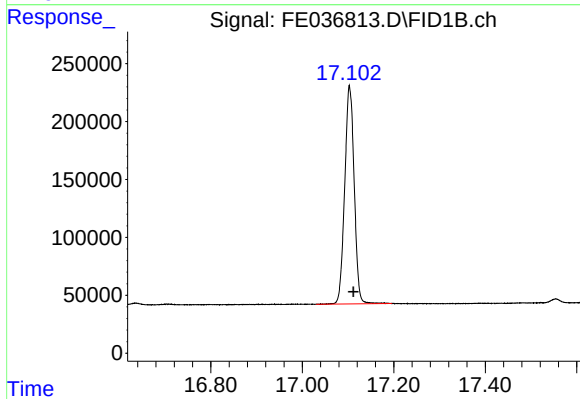
#14 n-Tetracosane (C24)

R.T.: 15.132 min
Delta R.T.: -0.012 min
Response: 2928026
Conc: 17.18 ug/ml



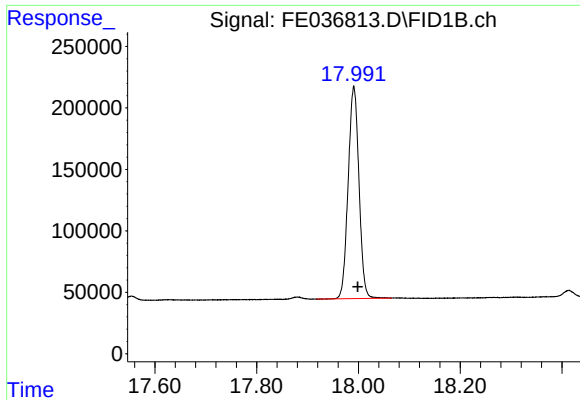
#15 n-Hexacosane (C26)

R.T.: 16.152 min
Delta R.T.: -0.012 min
Response: 2790000
Conc: 16.69 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.103 min
Delta R.T.: -0.009 min
Response: 2710510
Conc: 16.60 ug/ml



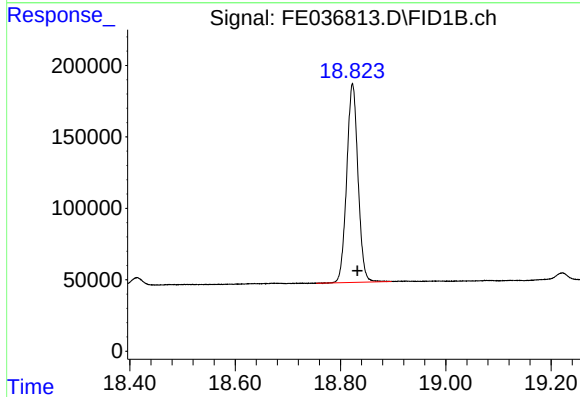
#17 n-Tricontane (C30)

R.T.: 17.991 min
Delta R.T.: -0.008 min
Response: 2541801
Conc: 16.73 ug/ml

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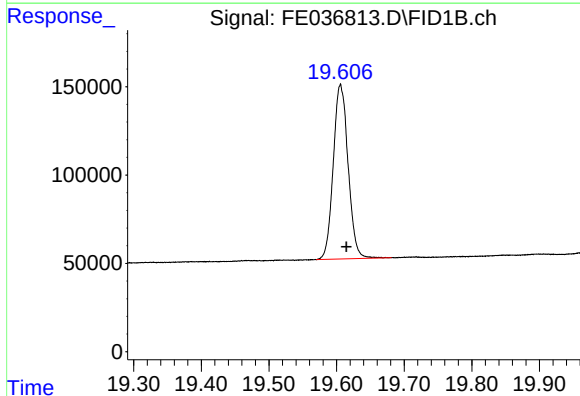
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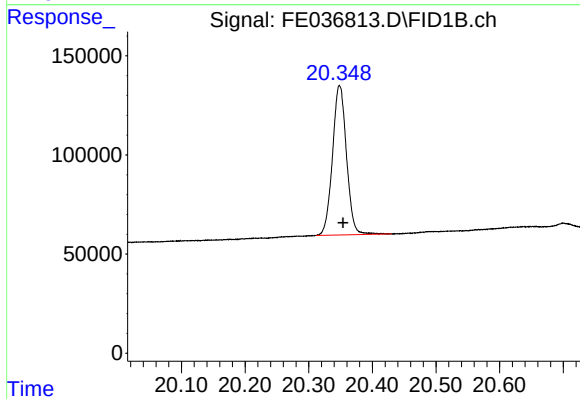
#18 n-Dotriacontane (C32)

R.T.: 18.823 min
Delta R.T.: -0.009 min
Response: 2068195
Conc: 17.20 ug/ml



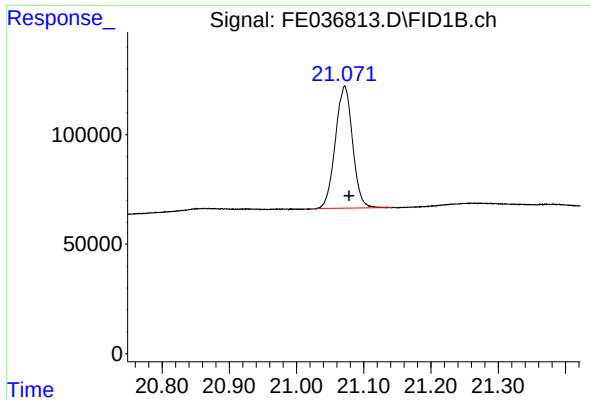
#19 n-Tetratriacontane (C34)

R.T.: 19.606 min
Delta R.T.: -0.009 min
Response: 1503117
Conc: 18.05 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.348 min
Delta R.T.: -0.006 min
Response: 1150227
Conc: 19.59 ug/ml m



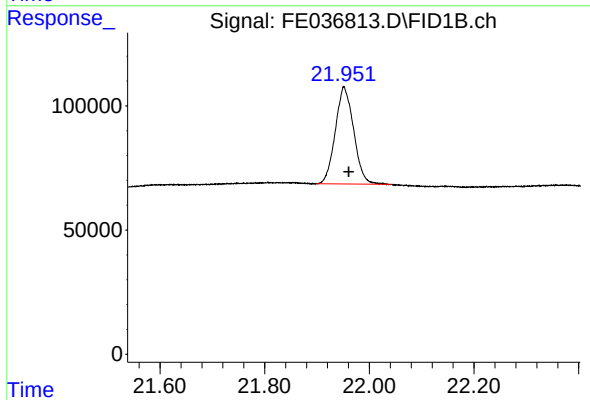
#21 n-Octatriacontane (C38)

R.T.: 21.071 min
Delta R.T.: -0.007 min
Response: 988787
Conc: 19.72 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.951 min
Delta R.T.: -0.009 min
Response: 953777
Conc: 18.47 ug/ml m