

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070622AL\
 Data File : FE036412.D
 Signal(s) : FID1B.ch
 Acq On : 07 Jul 2022 06:28
 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 07/07/2022
 Supervised By :Ankita Jodhani 07/07/2022

Integration File: sample.E
 Quant Time: Jul 07 07:01:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 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)	11.872	3710950	18.574 ug/ml
Spiked Amount 50.000		Recovery =	37.15%
12) S 1-chlorooctadecane (S...	13.309	2902873	18.750 ug/ml
Spiked Amount 50.000		Recovery =	37.50%
Target Compounds			
1) T n-Nonane (C9)	3.261	3359592	18.679 ug/ml
2) T n-Decane (C10)	4.515	3430565	19.084 ug/ml
3) T A~Naphthalene (C11.7)	6.218	3821813	19.048 ug/ml
4) T n-Dodecane (C12)	6.682	3525276	19.033 ug/ml
5) T A~2-methylnaphthalene...	7.313	3846450	18.895 ug/ml
6) T n-Tetradecane (C14)	8.509	3550601	18.992 ug/ml
7) T n-Hexadecane (C16)	10.115	3564295	19.033 ug/ml
8) T n-Octadecane (C18)	11.557	3532760	18.989 ug/ml
10) T n-Eicosane (C20)	12.865	3405571	18.798 ug/ml
11) T n-Heneicosane (C21)	13.477	3359677	18.703 ug/ml
13) T n-Docosane (C22)	14.063	3323746	18.800 ug/ml
14) T n-Tetracosane (C24)	15.165	3256026	19.010 ug/ml
15) T n-Hexacosane (C26)	16.184	3161260	19.134 ug/ml
16) T n-Octacosane (C28)	17.135	3153742	19.702 ug/ml
17) T n-Tricontane (C30)	18.023	3238355	20.917 ug/ml
18) T n-Dotriacontane (C32)	18.857	3202601	21.915 ug/ml
19) T n-Tetratriacontane (C34)	19.639	3007792	21.735 ug/ml
20) T n-Hexatriacontane (C36)	20.382	2898935	21.594 ug/ml
21) T n-Octatriacontane (C38)	21.106	2844969	21.392 ug/mlm
22) T n-Tetracontane (C40)	22.004	3110632	22.246 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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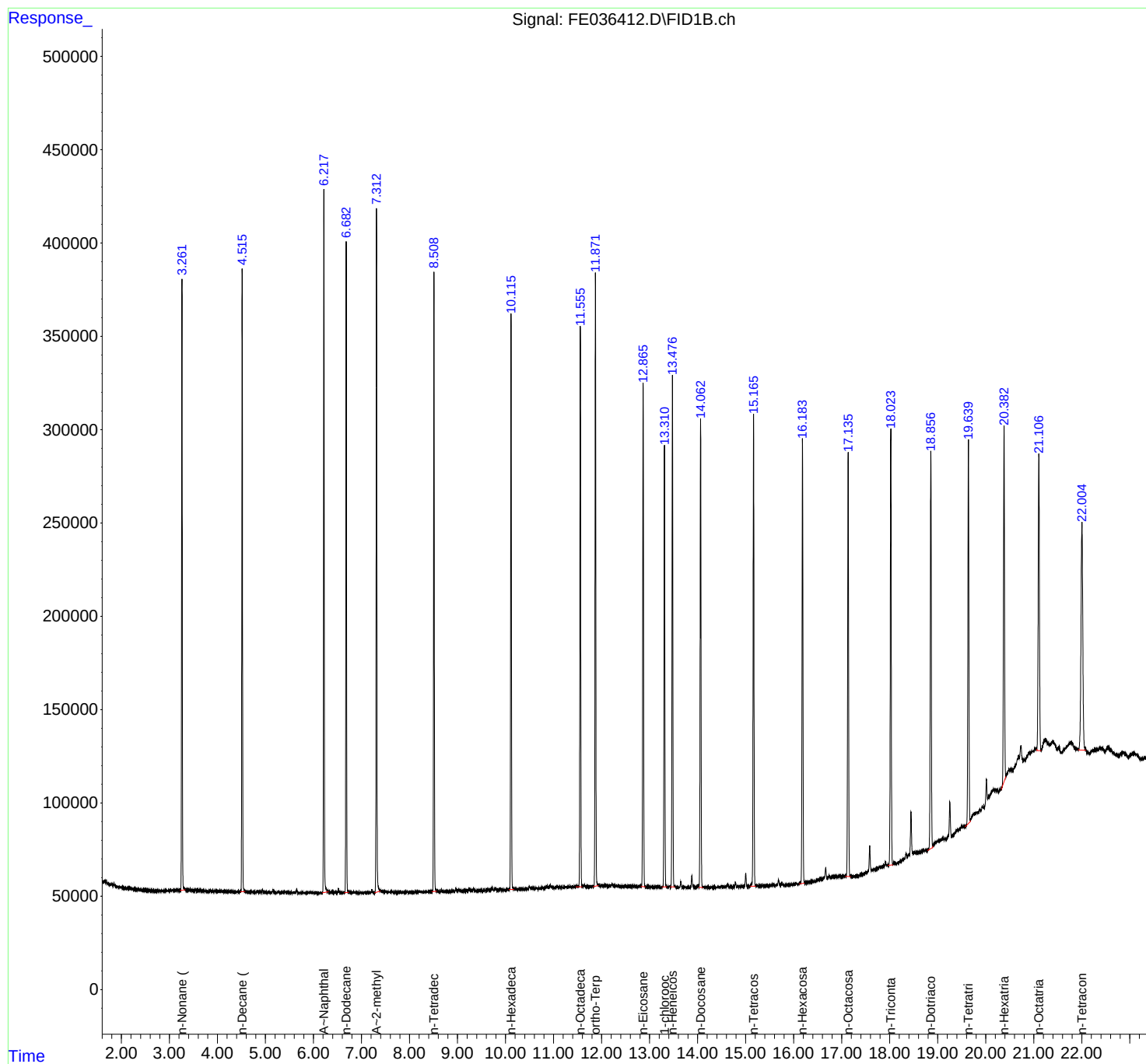
Instrument :
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20 PPM ALIPHATIC HC STD

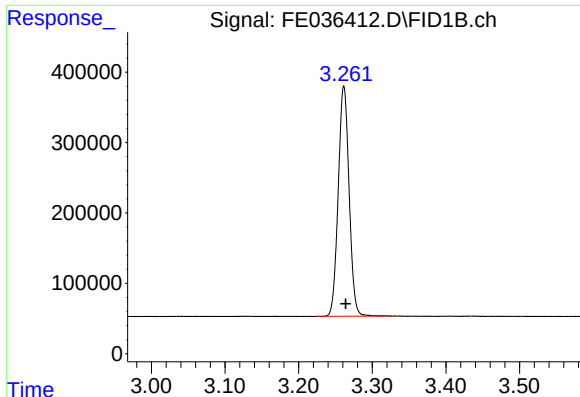
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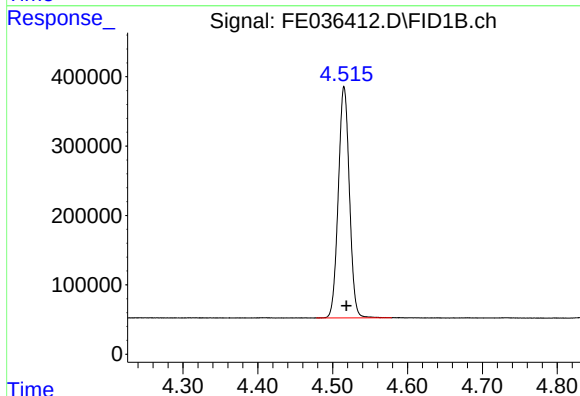
#1 n-Nonane (C9)

R.T.: 3.261 min
Delta R.T.: -0.003 min
Response: 3359592
Conc: 18.68 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

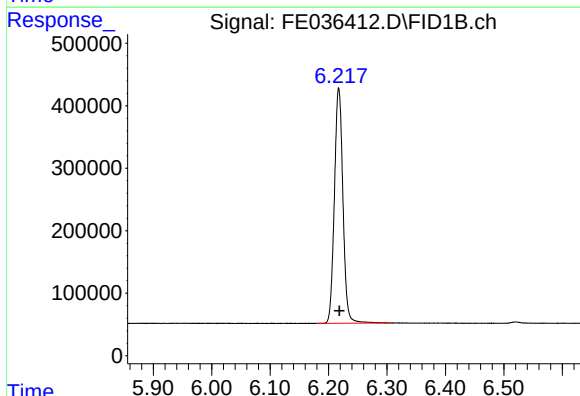
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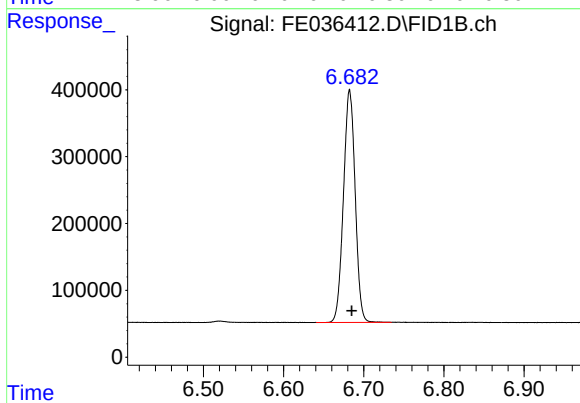
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: -0.003 min
Response: 3430565
Conc: 19.08 ug/ml



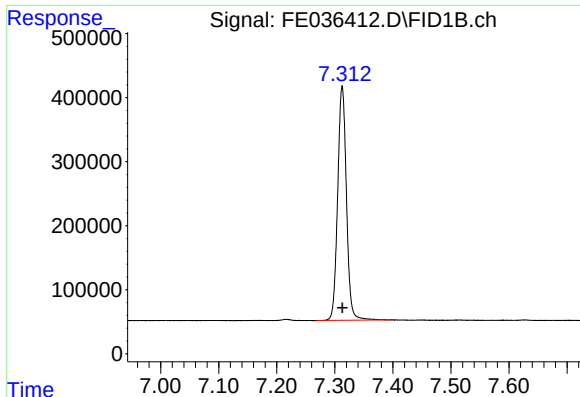
#3 A~Naphthalene (C11.7)

R.T.: 6.218 min
Delta R.T.: 0.000 min
Response: 3821813
Conc: 19.05 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.682 min
Delta R.T.: -0.003 min
Response: 3525276
Conc: 19.03 ug/ml



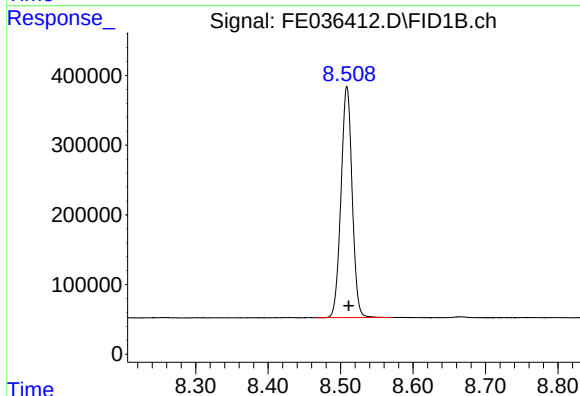
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 3846450
Conc: 18.89 ug/ml

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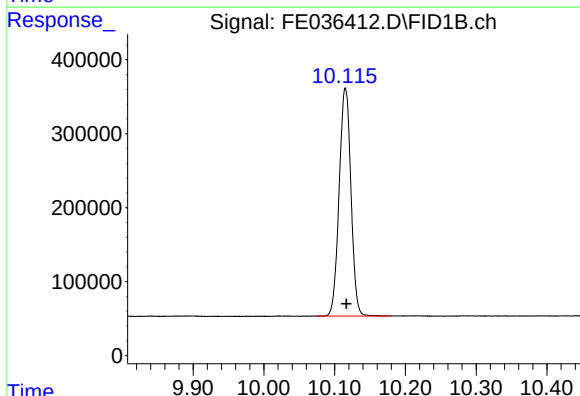
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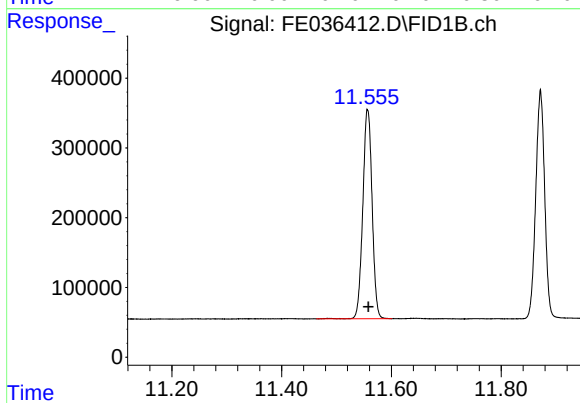
#6 n-Tetradecane (C14)

R.T.: 8.509 min
Delta R.T.: -0.002 min
Response: 3550601
Conc: 18.99 ug/ml



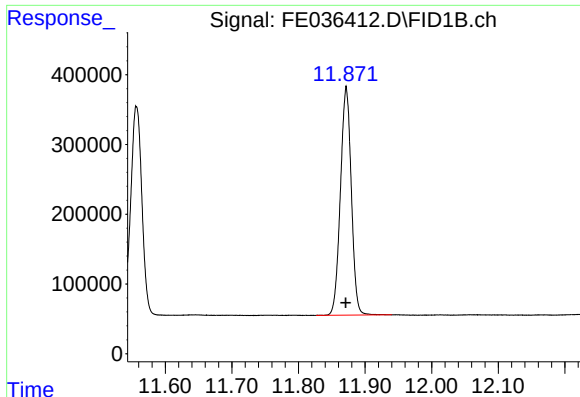
#7 n-Hexadecane (C16)

R.T.: 10.115 min
Delta R.T.: -0.001 min
Response: 3564295
Conc: 19.03 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.557 min
Delta R.T.: -0.001 min
Response: 3532760
Conc: 18.99 ug/ml



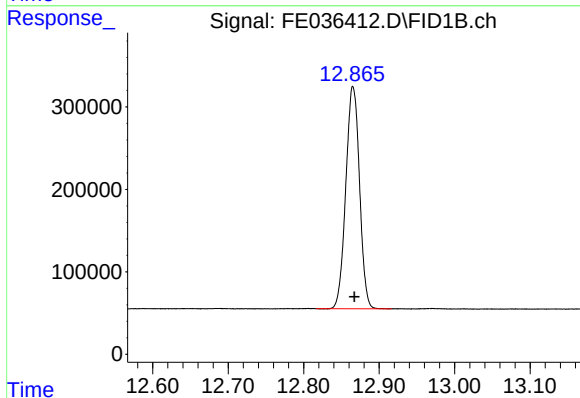
#9 ortho-Terphenyl (SURR)

R.T.: 11.872 min
Delta R.T.: 0.000 min
Response: 3710950
Conc: 18.57 ug/ml

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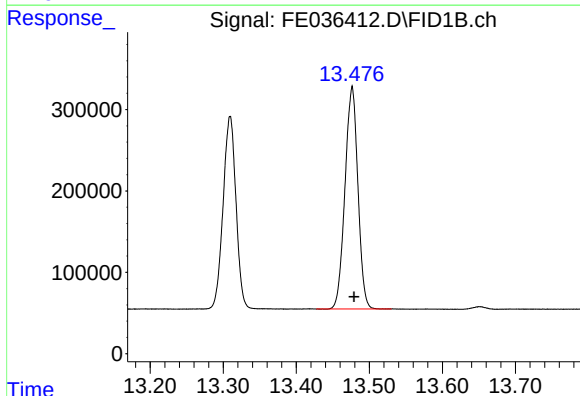
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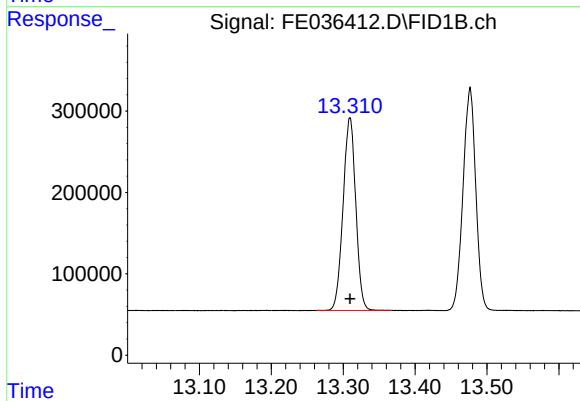
#10 n-Eicosane (C20)

R.T.: 12.865 min
Delta R.T.: -0.002 min
Response: 3405571
Conc: 18.80 ug/ml



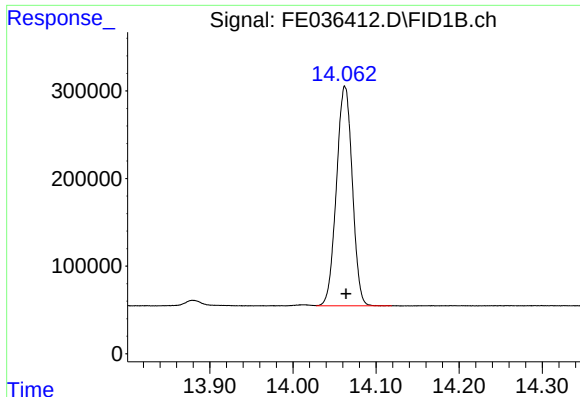
#11 n-Heneicosane (C21)

R.T.: 13.477 min
Delta R.T.: -0.003 min
Response: 3359677
Conc: 18.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.309 min
Delta R.T.: 0.000 min
Response: 2902873
Conc: 18.75 ug/ml



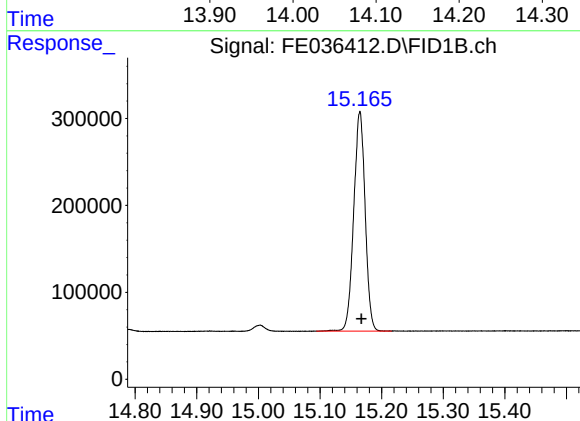
#13 n-Docosane (C22)

R.T.: 14.063 min
Delta R.T.: -0.001 min
Response: 3323746
Conc: 18.80 ug/ml

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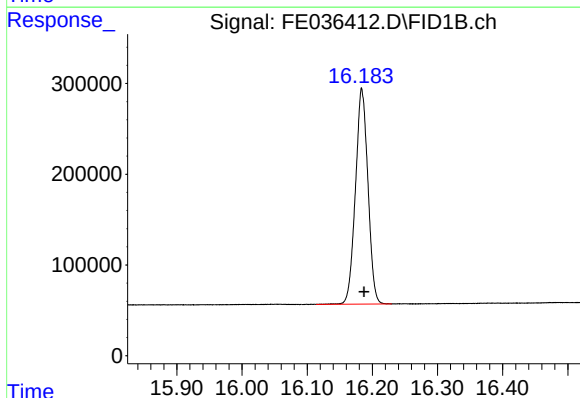
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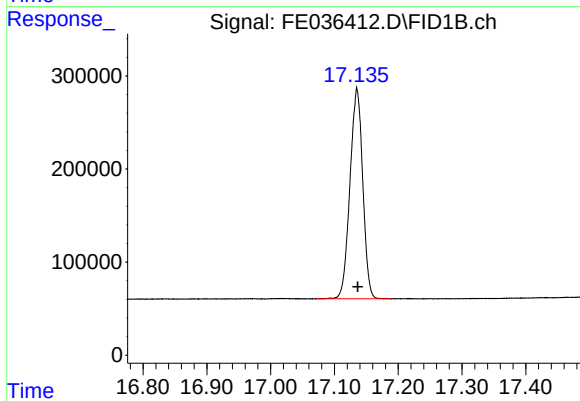
#14 n-Tetracosane (C24)

R.T.: 15.165 min
Delta R.T.: -0.002 min
Response: 3256026
Conc: 19.01 ug/ml



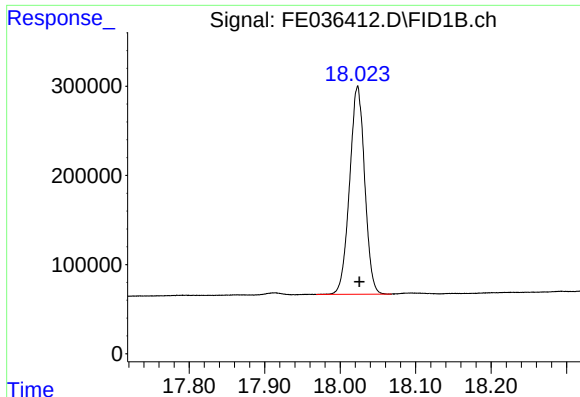
#15 n-Hexacosane (C26)

R.T.: 16.184 min
Delta R.T.: -0.004 min
Response: 3161260
Conc: 19.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.135 min
Delta R.T.: -0.001 min
Response: 3153742
Conc: 19.70 ug/ml



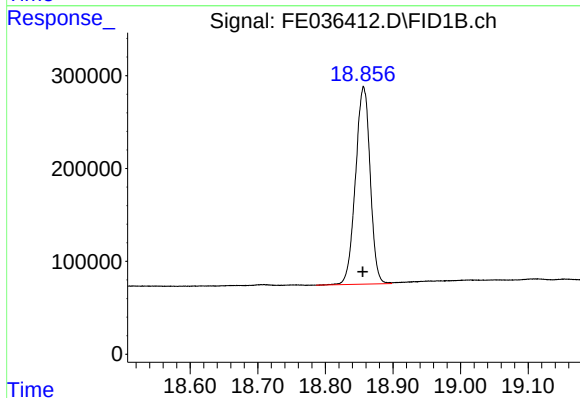
#17 n-Tricontane (C30)

R.T.: 18.023 min
Delta R.T.: -0.003 min
Response: 3238355
Conc: 20.92 ug/ml

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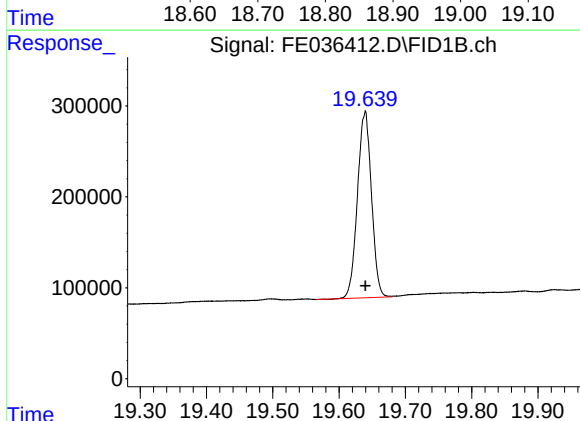
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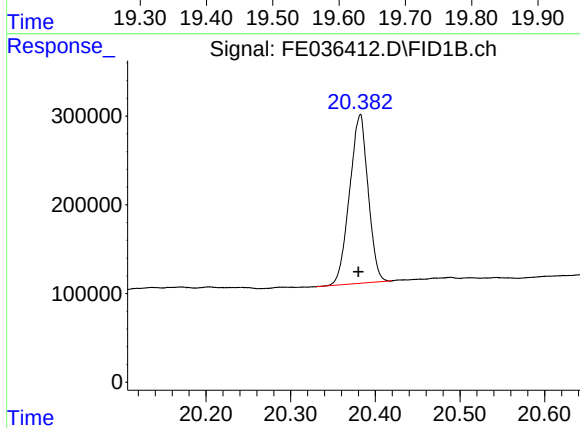
#18 n-Dotriacontane (C32)

R.T.: 18.857 min
Delta R.T.: 0.001 min
Response: 3202601
Conc: 21.92 ug/ml



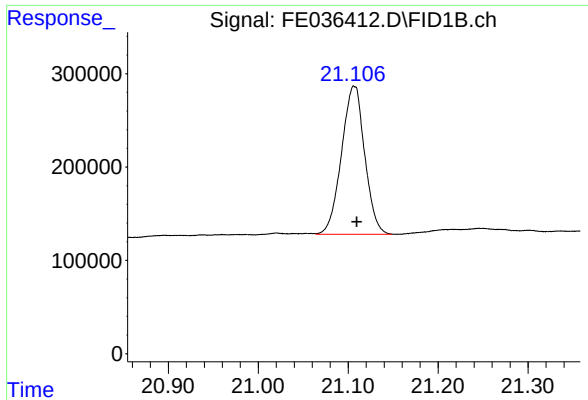
#19 n-Tetratriacontane (C34)

R.T.: 19.639 min
Delta R.T.: 0.000 min
Response: 3007792
Conc: 21.74 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.382 min
Delta R.T.: 0.002 min
Response: 2898935
Conc: 21.59 ug/ml



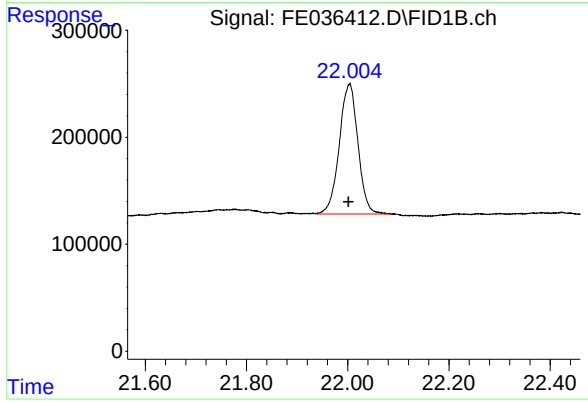
#21 n-Octatriacontane (C38)

R.T.: 21.106 min
Delta R.T.: -0.004 min
Response: 2844969
Conc: 21.39 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.004 min
Delta R.T.: 0.003 min
Response: 3110632
Conc: 22.25 ug/ml m