

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080122AL\
 Data File : FE036795.D
 Signal(s) : FID1B.ch
 Acq On : 01 Aug 2022 21:16
 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 08/02/2022
 Supervised By :Ankita Jodhani 08/02/2022

Integration File: autoint1.e
 Quant Time: Aug 02 04:32:14 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)	11.836	3236096	17.375 ug/ml
Spiked Amount 50.000		Recovery =	34.75%
12) S 1-chlorooctadecane (S...	13.276	2546029	16.734 ug/ml
Spiked Amount 50.000		Recovery =	33.47%
Target Compounds			
1) T n-Nonane (C9)	3.227	2880018	18.682 ug/ml
2) T n-Decane (C10)	4.481	2886223	18.724 ug/ml
3) T A~Naphthalene (C11.7)	6.182	3159071	18.486 ug/ml
4) T n-Dodecane (C12)	6.649	2948524	18.774 ug/ml
5) T A~2-methylnaphthalene...	7.277	3150132	18.329 ug/ml
6) T n-Tetradecane (C14)	8.475	2972034	18.205 ug/ml
7) T n-Hexadecane (C16)	10.082	2956674	17.938 ug/ml
8) T n-Octadecane (C18)	11.523	2966193	17.453 ug/ml
10) T n-Eicosane (C20)	12.832	2899414	17.045 ug/ml
11) T n-Heneicosane (C21)	13.443	2882560	16.842 ug/ml
13) T n-Docosane (C22)	14.029	2850865	16.698 ug/ml
14) T n-Tetracosane (C24)	15.134	2835443	16.634 ug/ml
15) T n-Hexacosane (C26)	16.154	2677149	16.013 ug/ml
16) T n-Octacosane (C28)	17.104	2598298	15.909 ug/ml
17) T n-Tricontane (C30)	17.991	2433145	16.012 ug/ml
18) T n-Dotriacontane (C32)	18.824	1969748	16.378 ug/ml
19) T n-Tetratriacontane (C34)	19.611	1511044	18.145 ug/mlm
20) T n-Hexatriacontane (C36)	20.351	1237771	21.080 ug/ml
21) T n-Octatriacontane (C38)	21.073	960004	19.147 ug/mlm
22) T n-Tetracontane (C40)	21.953	1036126	20.064 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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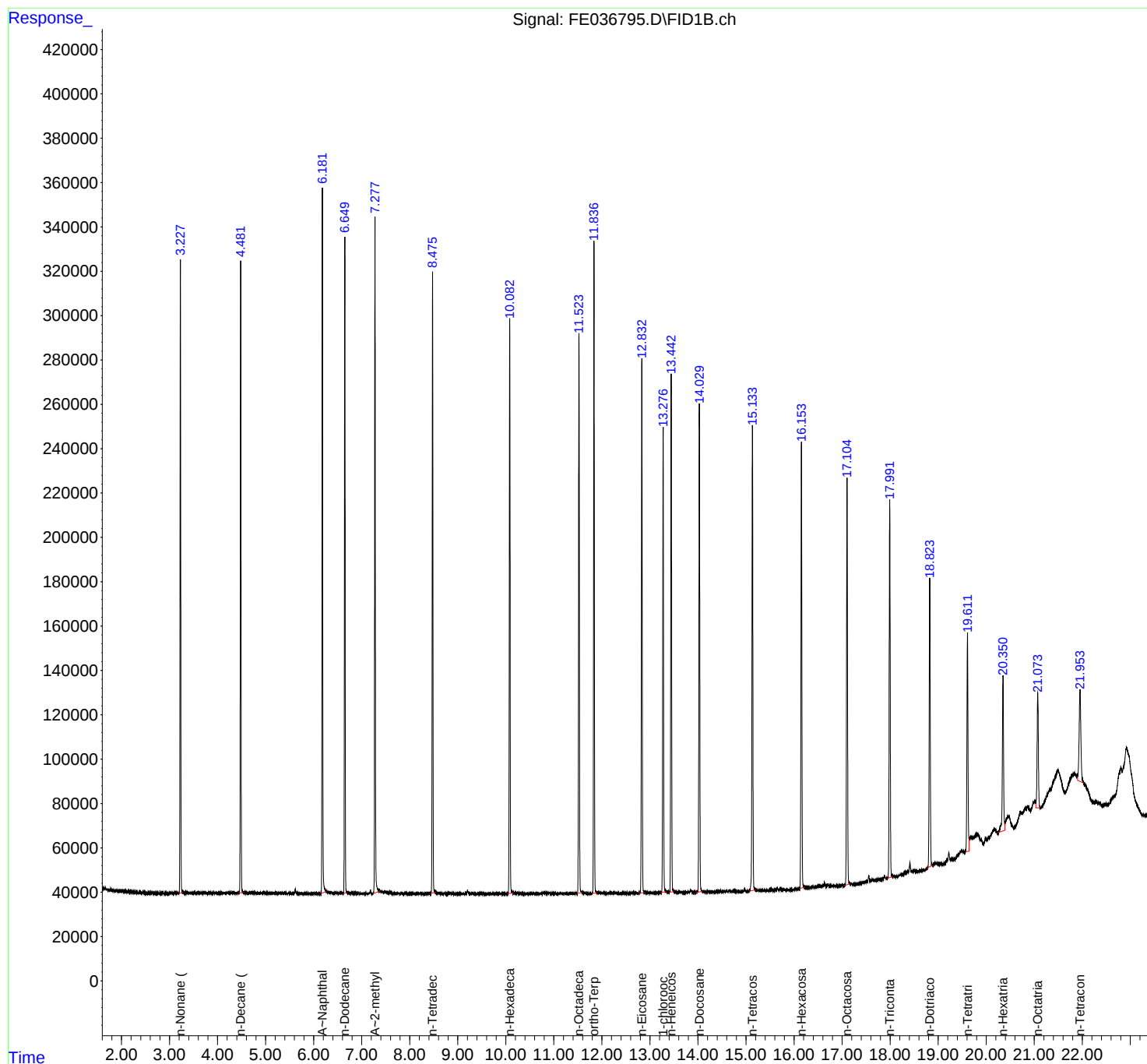
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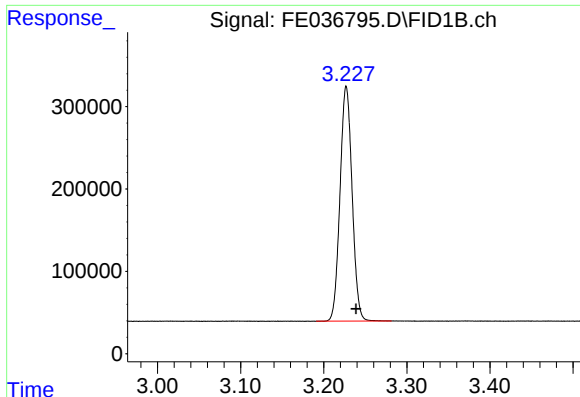
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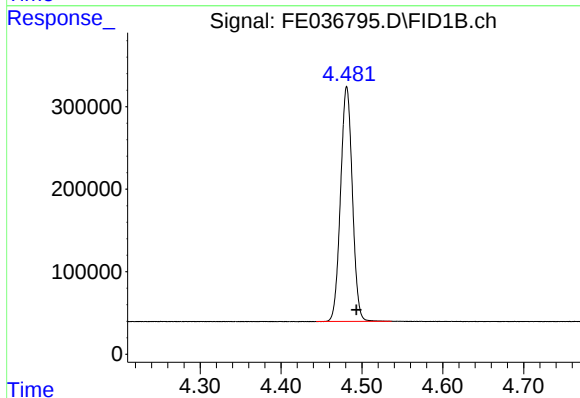
#1 n-Nonane (C9)

R.T.: 3.227 min
Delta R.T.: -0.012 min
Response: 2880018
Conc: 18.68 ug/ml

Instrument :
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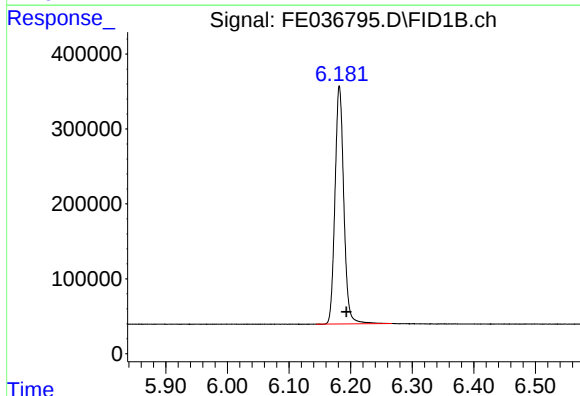
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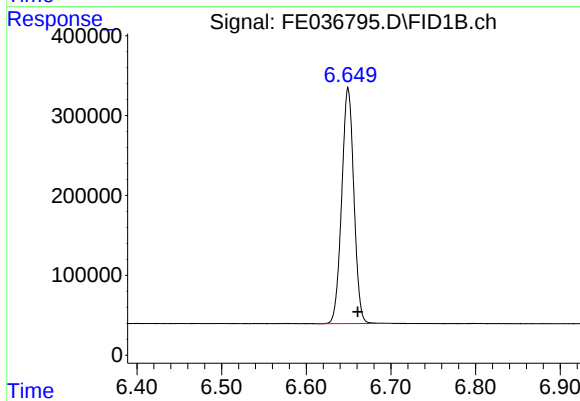
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: -0.012 min
Response: 2886223
Conc: 18.72 ug/ml



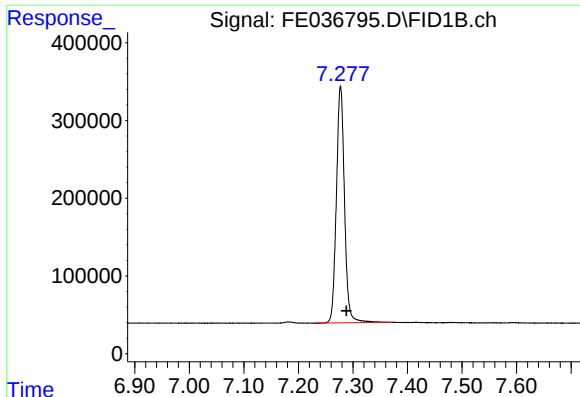
#3 A~Naphthalene (C11.7)

R.T.: 6.182 min
Delta R.T.: -0.011 min
Response: 3159071
Conc: 18.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.649 min
Delta R.T.: -0.011 min
Response: 2948524
Conc: 18.77 ug/ml



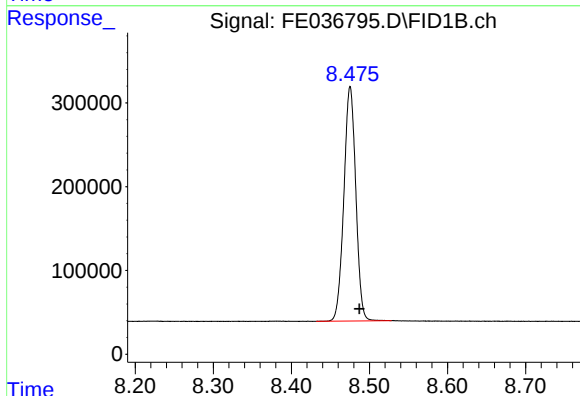
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.277 min
Delta R.T.: -0.011 min
Response: 3150132
Conc: 18.33 ug/ml

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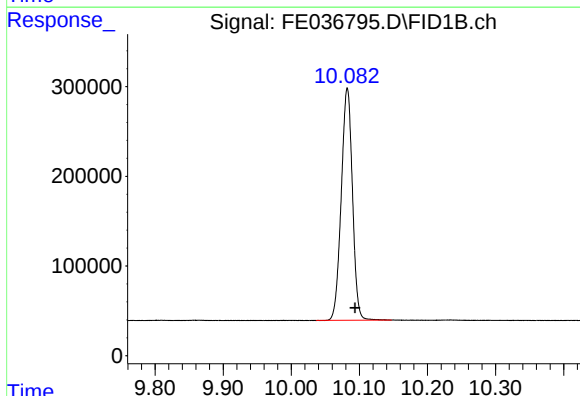
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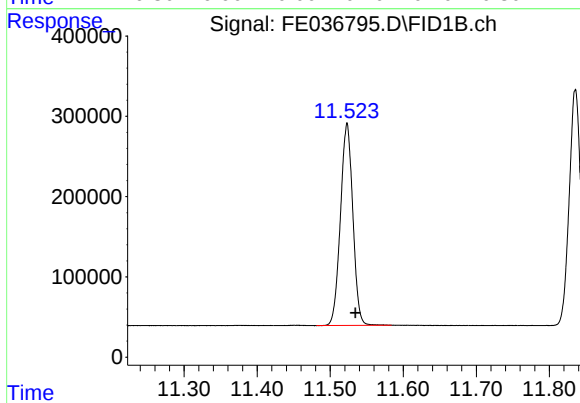
#6 n-Tetradecane (C14)

R.T.: 8.475 min
Delta R.T.: -0.012 min
Response: 2972034
Conc: 18.20 ug/ml



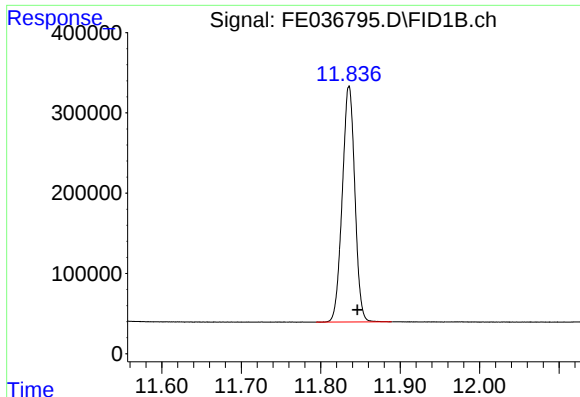
#7 n-Hexadecane (C16)

R.T.: 10.082 min
Delta R.T.: -0.011 min
Response: 2956674
Conc: 17.94 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.523 min
Delta R.T.: -0.012 min
Response: 2966193
Conc: 17.45 ug/ml



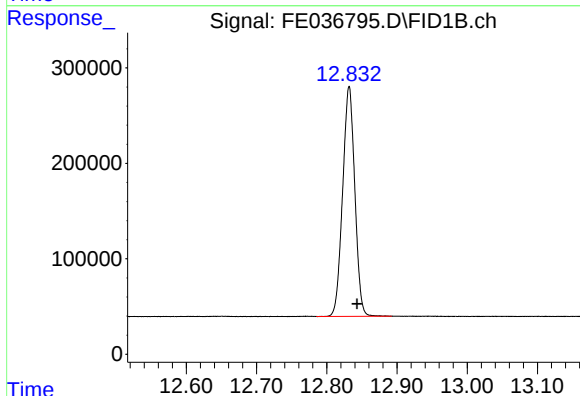
#9 ortho-Terphenyl (SURR)

R.T.: 11.836 min
Delta R.T.: -0.011 min
Response: 3236096
Conc: 17.38 ug/ml

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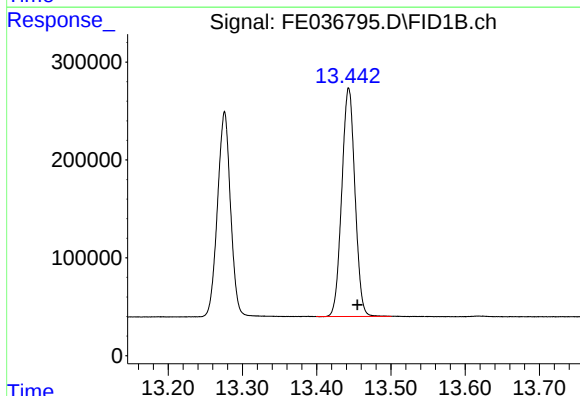
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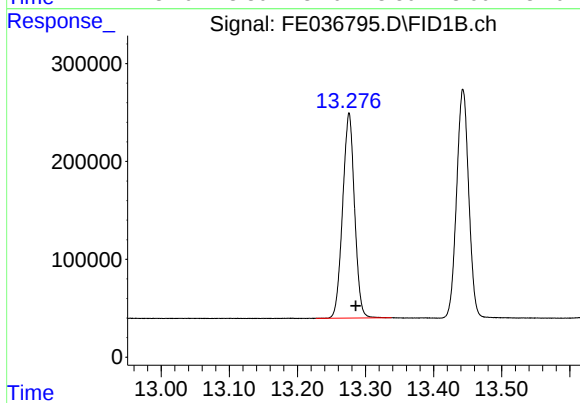
#10 n-Eicosane (C20)

R.T.: 12.832 min
Delta R.T.: -0.011 min
Response: 2899414
Conc: 17.05 ug/ml



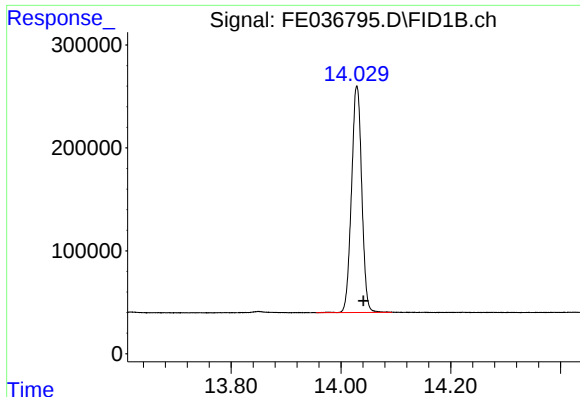
#11 n-Heneicosane (C21)

R.T.: 13.443 min
Delta R.T.: -0.012 min
Response: 2882560
Conc: 16.84 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.276 min
Delta R.T.: -0.010 min
Response: 2546029
Conc: 16.73 ug/ml



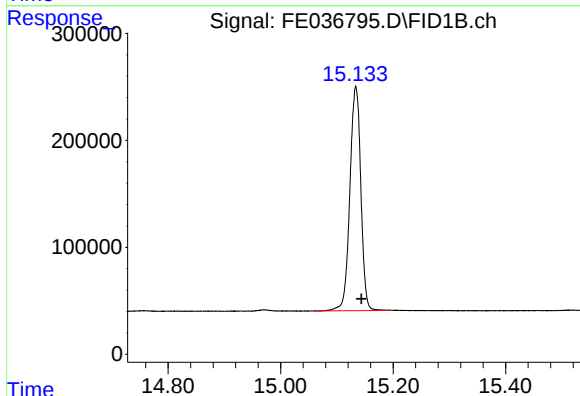
#13 n-Docosane (C22)

R.T.: 14.029 min
Delta R.T.: -0.012 min
Response: 2850865
Conc: 16.70 ug/ml

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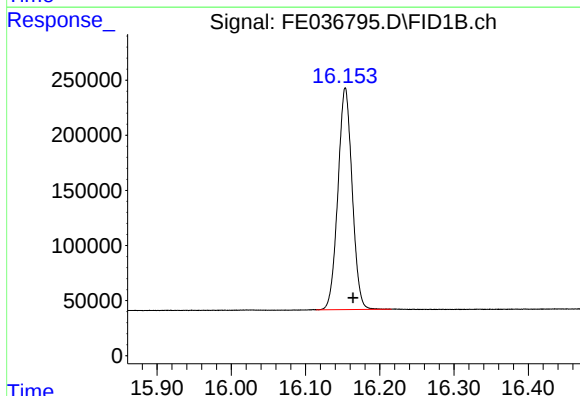
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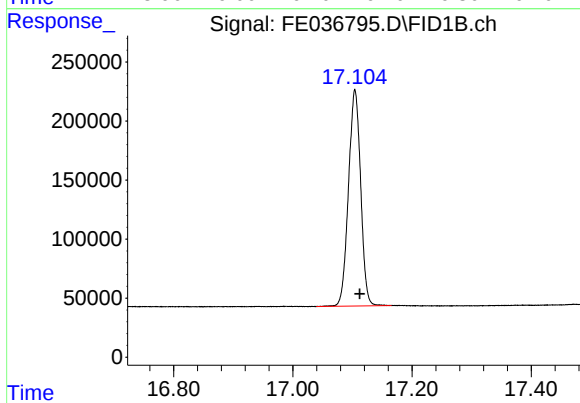
#14 n-Tetracosane (C24)

R.T.: 15.134 min
Delta R.T.: -0.010 min
Response: 2835443
Conc: 16.63 ug/ml



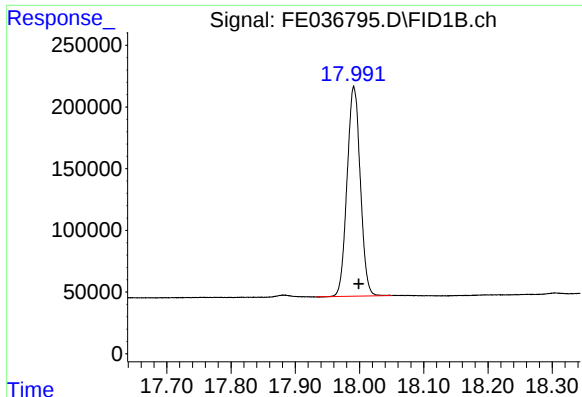
#15 n-Hexacosane (C26)

R.T.: 16.154 min
Delta R.T.: -0.010 min
Response: 2677149
Conc: 16.01 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.104 min
Delta R.T.: -0.008 min
Response: 2598298
Conc: 15.91 ug/ml



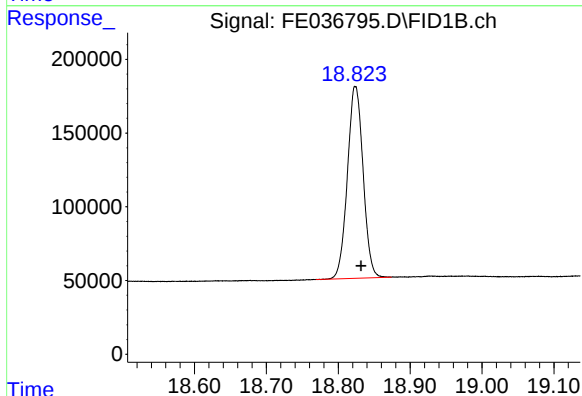
#17 n-Tricontane (C30)

R.T.: 17.991 min
Delta R.T.: -0.008 min
Response: 2433145
Conc: 16.01 ug/ml

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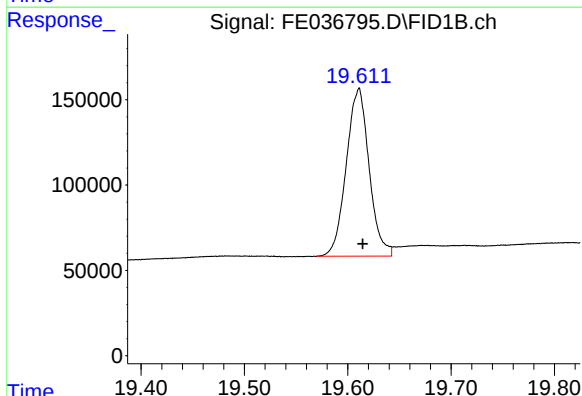
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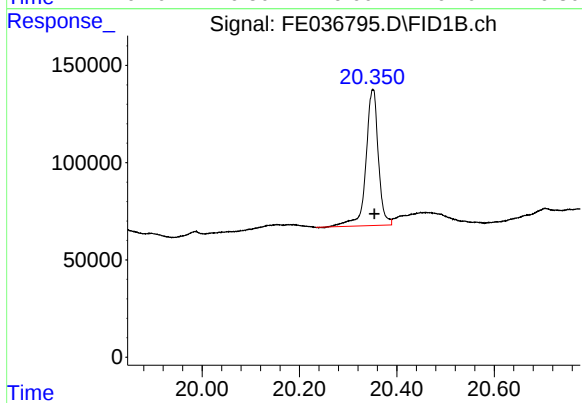
#18 n-Dotriacontane (C32)

R.T.: 18.824 min
Delta R.T.: -0.008 min
Response: 1969748
Conc: 16.38 ug/ml



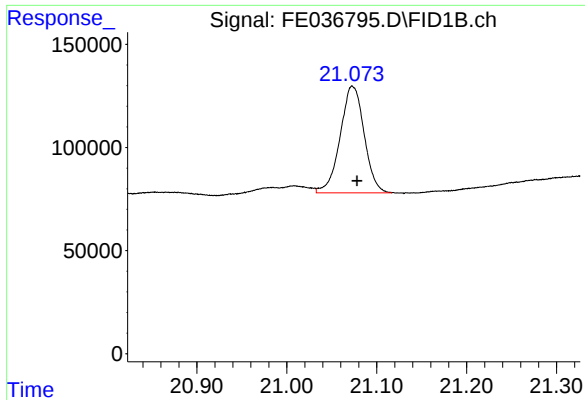
#19 n-Tetratriacontane (C34)

R.T.: 19.611 min
Delta R.T.: -0.004 min
Response: 1511044
Conc: 18.14 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.351 min
Delta R.T.: -0.003 min
Response: 1237771
Conc: 21.08 ug/ml



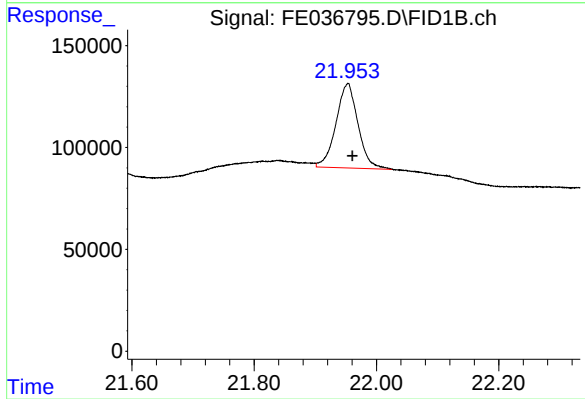
#21 n-Octatriacontane (C38)

R.T.: 21.073 min
Delta R.T.: -0.006 min
Response: 960004
Conc: 19.15 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.953 min
Delta R.T.: -0.008 min
Response: 1036126
Conc: 20.06 ug/ml m