

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070122AL\
 Data File : FE036354.D
 Signal(s) : FID1B.ch
 Acq On : 01 Jul 2022 23:23
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2022
 Supervised By :Ankita Jodhani 07/05/2022

Integration File: sample.E
 Quant Time: Jul 02 03:39:41 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)	11.868	3645283	18.245 ug/ml
Spiked Amount 50.000		Recovery =	36.49%
12) S 1-chlorooctadecane (S...	13.307	2814285	18.178 ug/ml
Spiked Amount 50.000		Recovery =	36.36%
Target Compounds			
1) T n-Nonane (C9)	3.261	3439147	19.121 ug/ml
2) T n-Decane (C10)	4.515	3474002	19.326 ug/ml
3) T A~Naphthalene (C11.7)	6.216	3817533	19.027 ug/ml
4) T n-Dodecane (C12)	6.683	3555680	19.197 ug/ml
5) T A~2-methylnaphthalene...	7.311	3861908	18.971 ug/ml
6) T n-Tetradecane (C14)	8.509	3564102	19.064 ug/ml
7) T n-Hexadecane (C16)	10.114	3518549	18.788 ug/ml
8) T n-Octadecane (C18)	11.555	3450522	18.547 ug/ml
10) T n-Eicosane (C20)	12.864	3313801	18.292 ug/ml
11) T n-Heneicosane (C21)	13.474	3268013	18.193 ug/ml
13) T n-Docosane (C22)	14.059	3213656	18.177 ug/ml
14) T n-Tetracosane (C24)	15.160	3117912	18.204 ug/ml
15) T n-Hexacosane (C26)	16.180	3041866	18.411 ug/ml
16) T n-Octacosane (C28)	17.131	3021878	18.878 ug/ml
17) T n-Tricontane (C30)	18.018	3071476	19.839 ug/ml
18) T n-Dotriacontane (C32)	18.849	3015895	20.638 ug/ml
19) T n-Tetratriacontane (C34)	19.635	2888372	20.872 ug/mlm
20) T n-Hexatriacontane (C36)	20.373	2802802	20.878 ug/ml
21) T n-Octatriacontane (C38)	21.101	2821360	21.215 ug/mlm
22) T n-Tetracontane (C40)	21.997	3012656	21.546 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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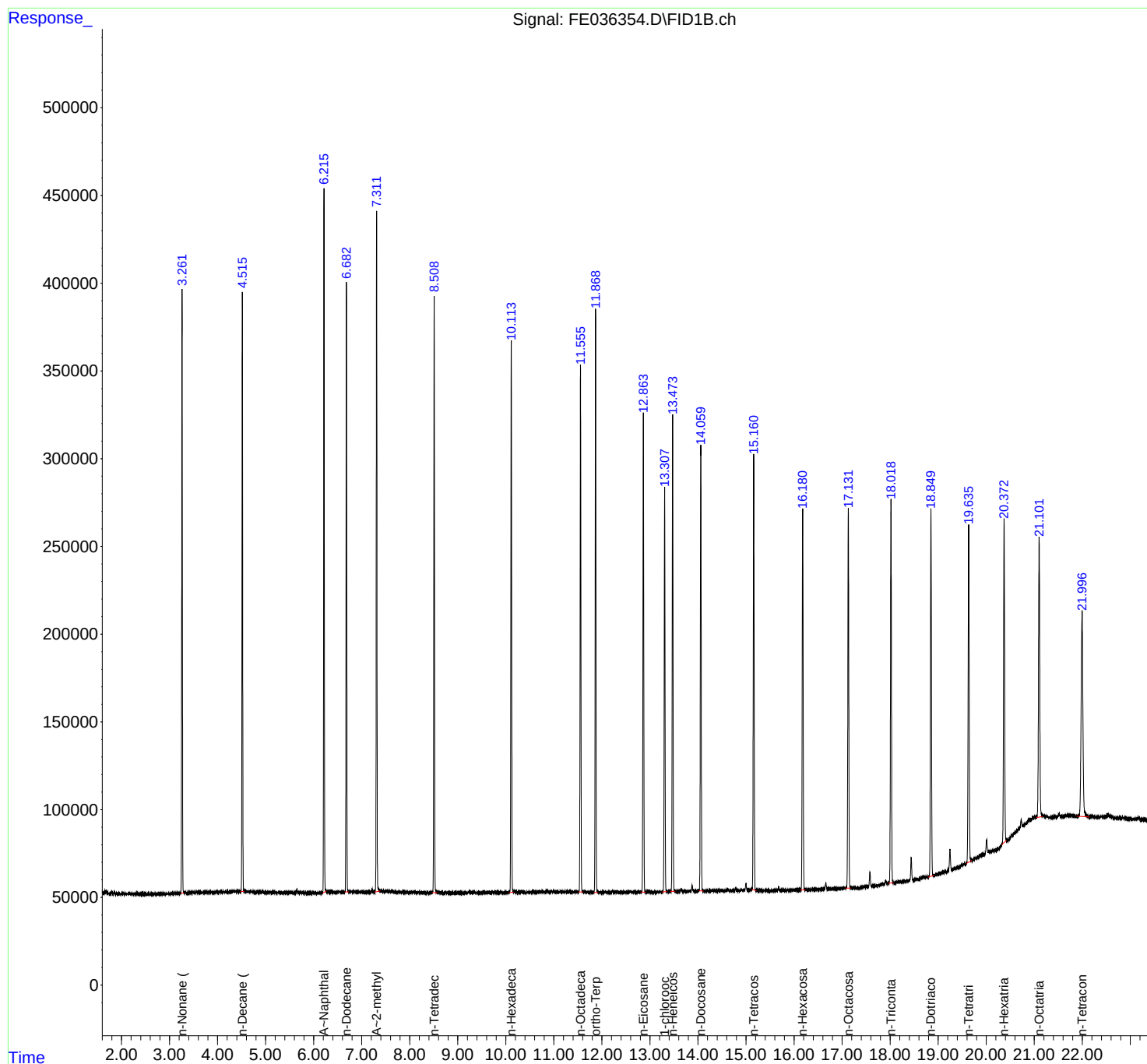
Instrument :
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20 PPM ALIPHATIC HC STD

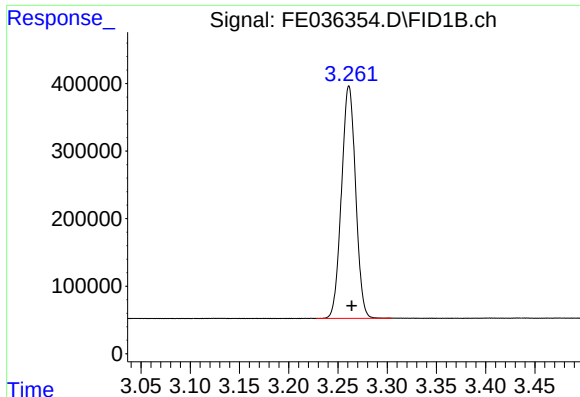
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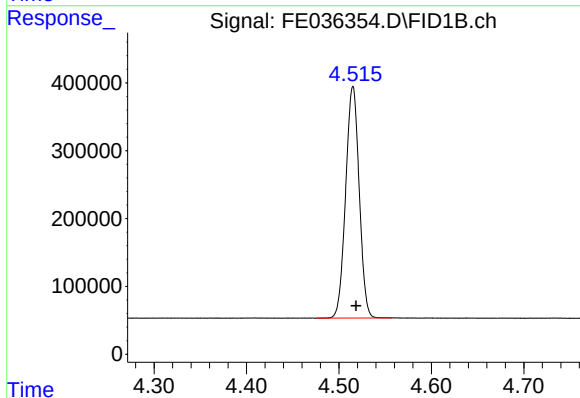
#1 n-Nonane (C9)

R.T.: 3.261 min
Delta R.T.: -0.003 min
Response: 3439147
Conc: 19.12 ug/ml

Instrument :
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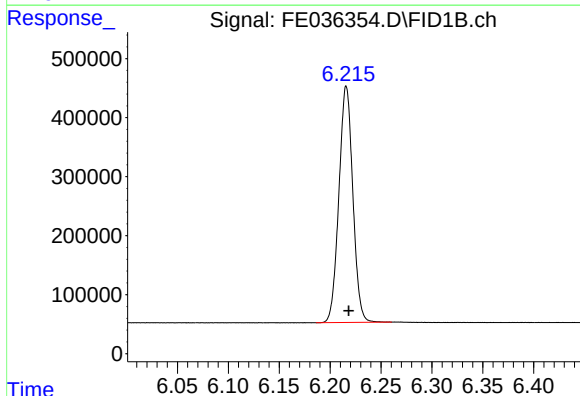
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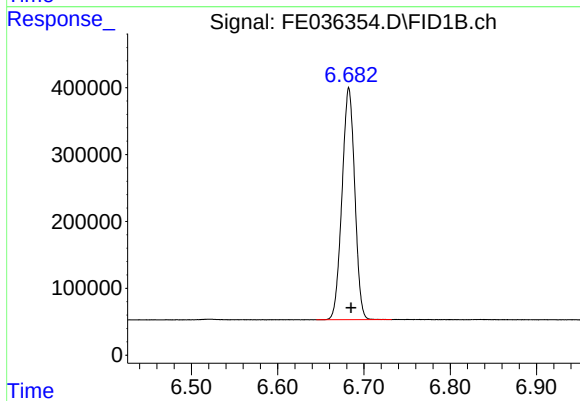
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: -0.003 min
Response: 3474002
Conc: 19.33 ug/ml



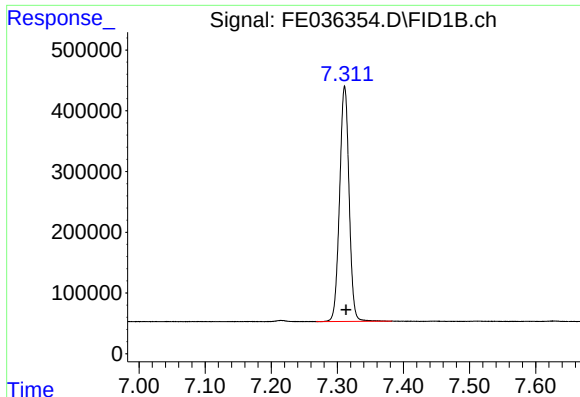
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: -0.002 min
Response: 3817533
Conc: 19.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.683 min
Delta R.T.: -0.003 min
Response: 3555680
Conc: 19.20 ug/ml



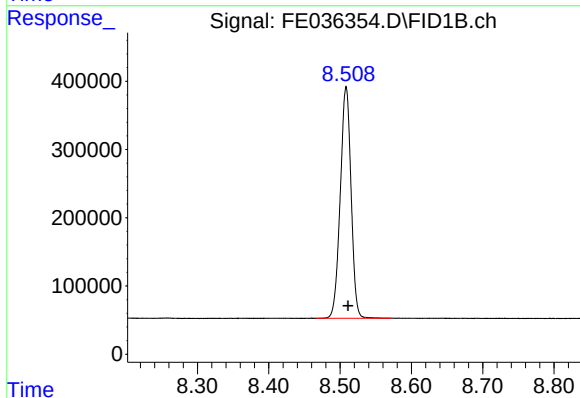
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.311 min
Delta R.T.: -0.002 min
Response: 3861908
Conc: 18.97 ug/ml

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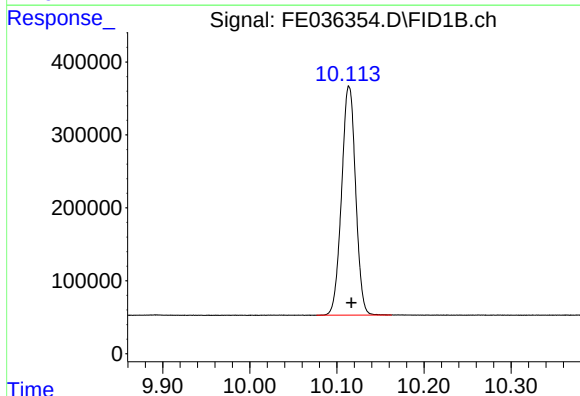
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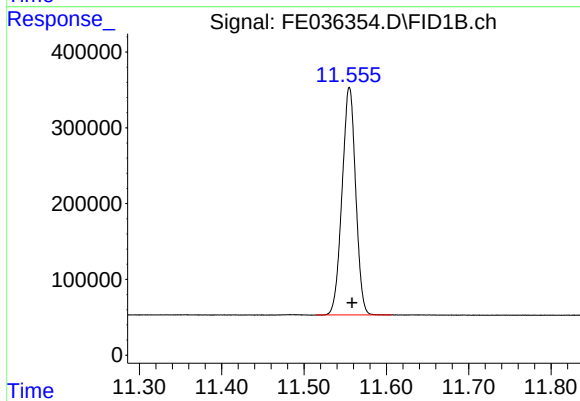
#6 n-Tetradecane (C14)

R.T.: 8.509 min
Delta R.T.: -0.003 min
Response: 3564102
Conc: 19.06 ug/ml



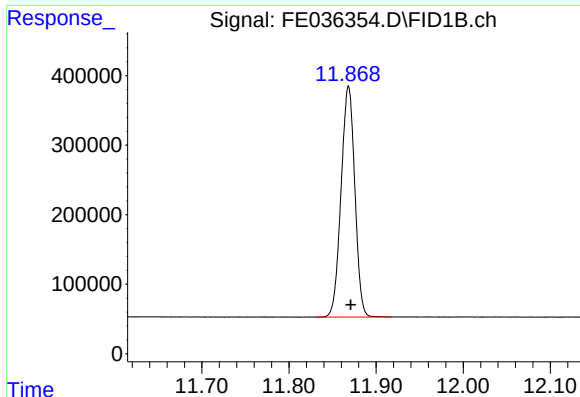
#7 n-Hexadecane (C16)

R.T.: 10.114 min
Delta R.T.: -0.002 min
Response: 3518549
Conc: 18.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.555 min
Delta R.T.: -0.003 min
Response: 3450522
Conc: 18.55 ug/ml



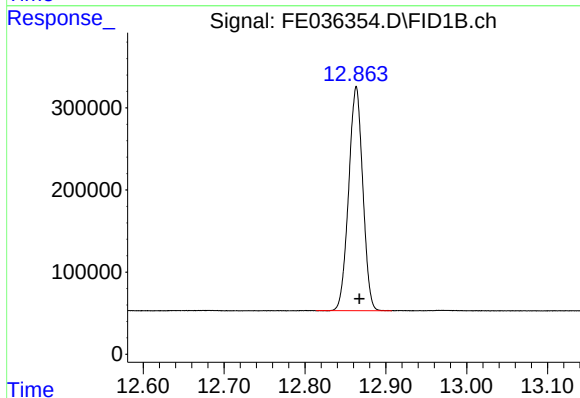
#9 ortho-Terphenyl (SURR)

R.T.: 11.868 min
Delta R.T.: -0.003 min
Response: 3645283
Conc: 18.25 ug/ml

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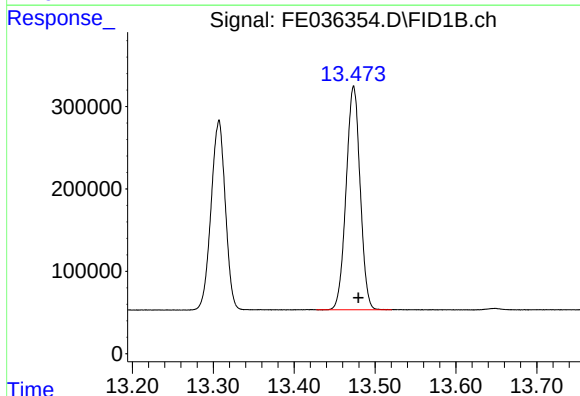
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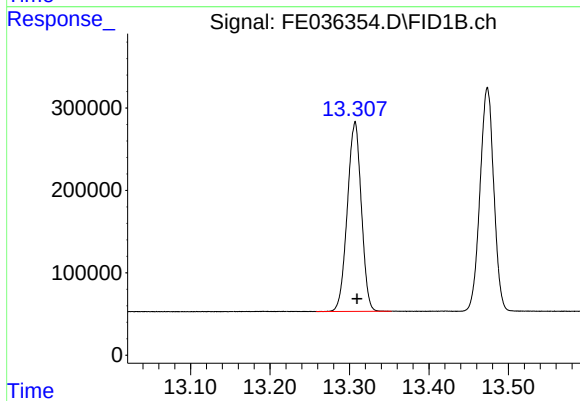
#10 n-Eicosane (C20)

R.T.: 12.864 min
Delta R.T.: -0.004 min
Response: 3313801
Conc: 18.29 ug/ml



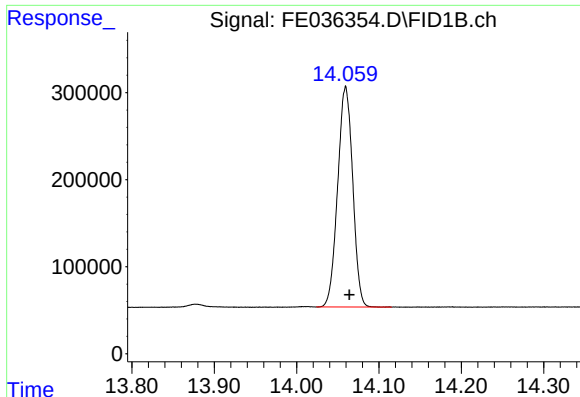
#11 n-Heneicosane (C21)

R.T.: 13.474 min
Delta R.T.: -0.006 min
Response: 3268013
Conc: 18.19 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.307 min
Delta R.T.: -0.003 min
Response: 2814285
Conc: 18.18 ug/ml



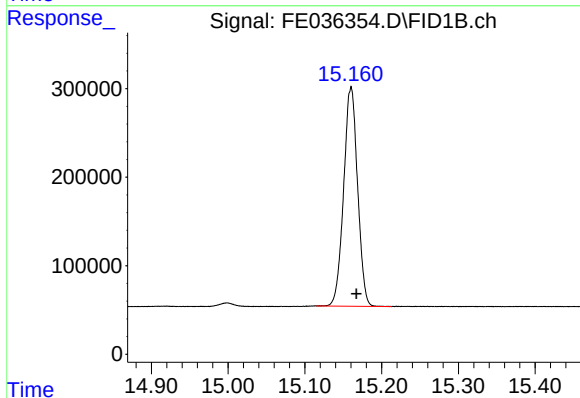
#13 n-Docosane (C22)

R.T.: 14.059 min
Delta R.T.: -0.004 min
Response: 3213656
Conc: 18.18 ug/ml

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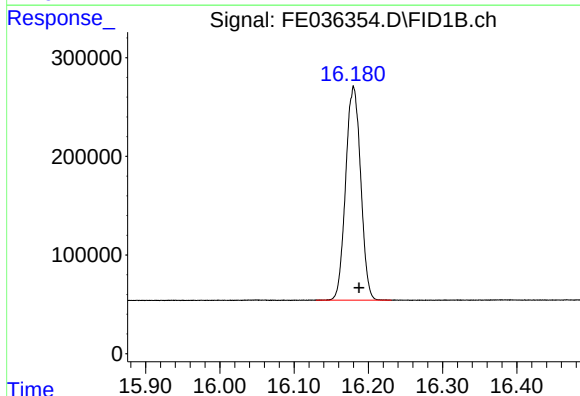
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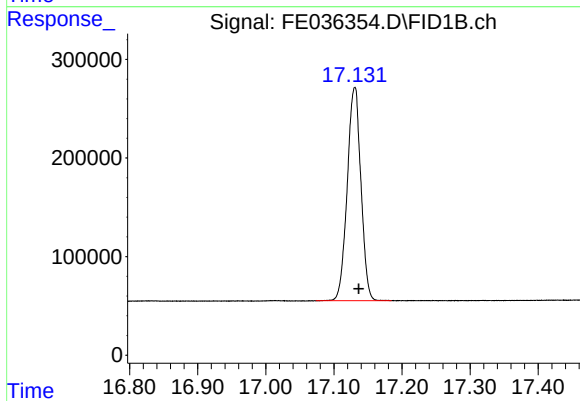
#14 n-Tetracosane (C24)

R.T.: 15.160 min
Delta R.T.: -0.007 min
Response: 3117912
Conc: 18.20 ug/ml



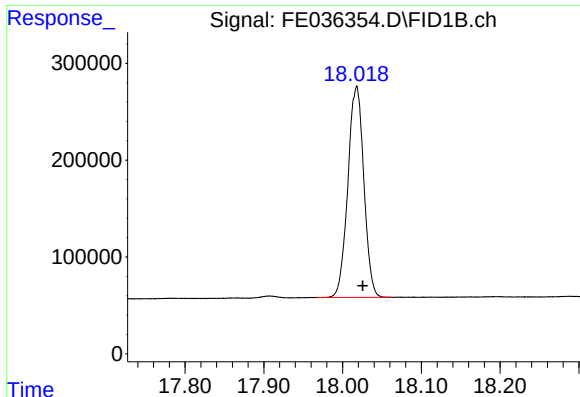
#15 n-Hexacosane (C26)

R.T.: 16.180 min
Delta R.T.: -0.007 min
Response: 3041866
Conc: 18.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.131 min
Delta R.T.: -0.006 min
Response: 3021878
Conc: 18.88 ug/ml



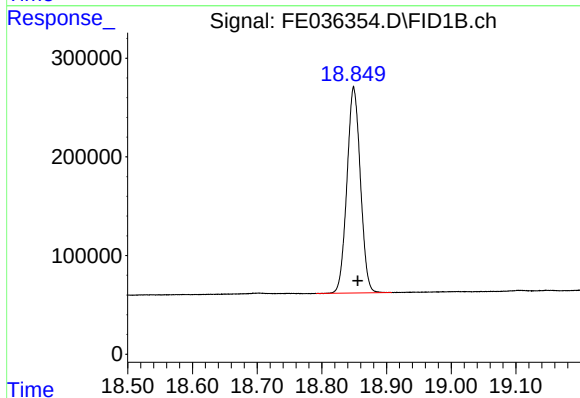
#17 n-Tricontane (C30)

R.T.: 18.018 min
Delta R.T.: -0.008 min
Response: 3071476
Conc: 19.84 ug/ml

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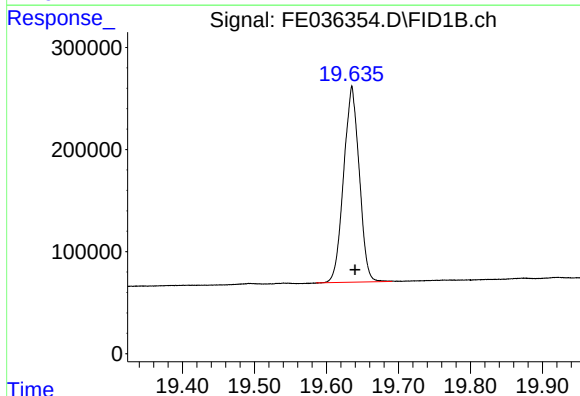
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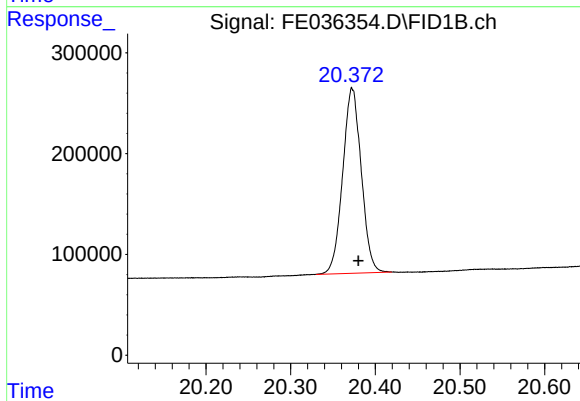
#18 n-Dotriacontane (C32)

R.T.: 18.849 min
Delta R.T.: -0.006 min
Response: 3015895
Conc: 20.64 ug/ml



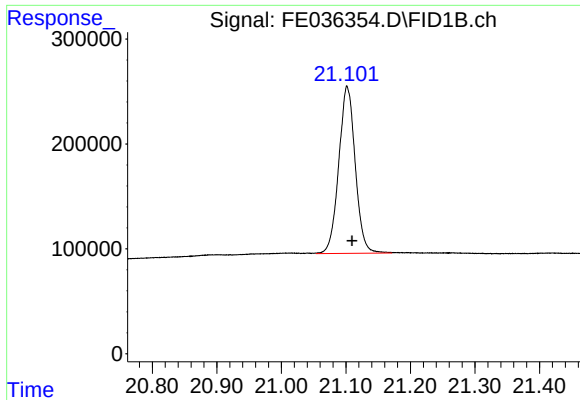
#19 n-Tetratriacontane (C34)

R.T.: 19.635 min
Delta R.T.: -0.005 min
Response: 2888372
Conc: 20.87 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.373 min
Delta R.T.: -0.007 min
Response: 2802802
Conc: 20.88 ug/ml



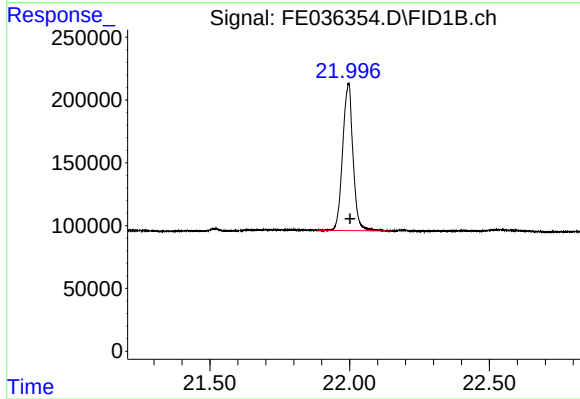
#21 n-Octatriacontane (C38)

R.T.: 21.101 min
Delta R.T.: -0.008 min
Response: 2821360
Conc: 21.21 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.997 min
Delta R.T.: -0.005 min
Response: 3012656
Conc: 21.55 ug/ml