

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080122AL\
 Data File : FE036810.D
 Signal(s) : FID1B.ch
 Acq On : 02 Aug 2022 05:57
 Operator : YP\AJ
 Sample : PP20391
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PP20391

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 06:29:53 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			
12) S 1-chlorooctadecane (S...	13.242	305031	2.005 ug/ml
Spiked Amount 50.000		Recovery =	4.01%
Target Compounds			
1) T n-Nonane (C9)	3.262	13643470	88.504 ug/ml
2) T n-Decane (C10)	4.501	13857113	89.895 ug/ml
3) T A~Naphthalene (C11.7)	6.193	15914637	93.130 ug/ml
4) T n-Dodecane (C12)	6.657	14256627	90.773 ug/ml
5) T A~2-methylnaphthalene...	7.286	15516945	90.284 ug/ml
6) T n-Tetradecane (C14)	8.484	14451853	88.522 ug/ml
7) T n-Hexadecane (C16)	10.088	14451277	87.676 ug/ml
8) T n-Octadecane (C18)	11.530	14791432	87.034 ug/ml
10) T n-Eicosane (C20)	12.840	14413079	84.732 ug/ml
11) T n-Heneicosane (C21)	13.450	14299607	83.549 ug/ml
13) T n-Docosane (C22)	14.037	14137391	82.803 ug/ml
14) T n-Tetracosane (C24)	15.128	28165535	165.229 ug/ml
15) T n-Hexacosane (C26)	16.165	13692151	81.897 ug/ml
16) T n-Octacosane (C28)	17.111	13664112	83.661 ug/ml
17) T n-Tricontane (C30)	18.004	12942214	85.169 ug/ml
18) T n-Dotriacontane (C32)	18.831	12791685	106.359 ug/ml
19) T n-Tetratriacontane (C34)	19.616	12321372	147.957 ug/mlm
20) T n-Hexatriacontane (C36)	20.359	11608145	197.697 ug/mlm
21) T n-Octatriacontane (C38)	21.083	11053234	220.458 ug/ml
22) T n-Tetracontane (C40)	21.964	10687636	206.956 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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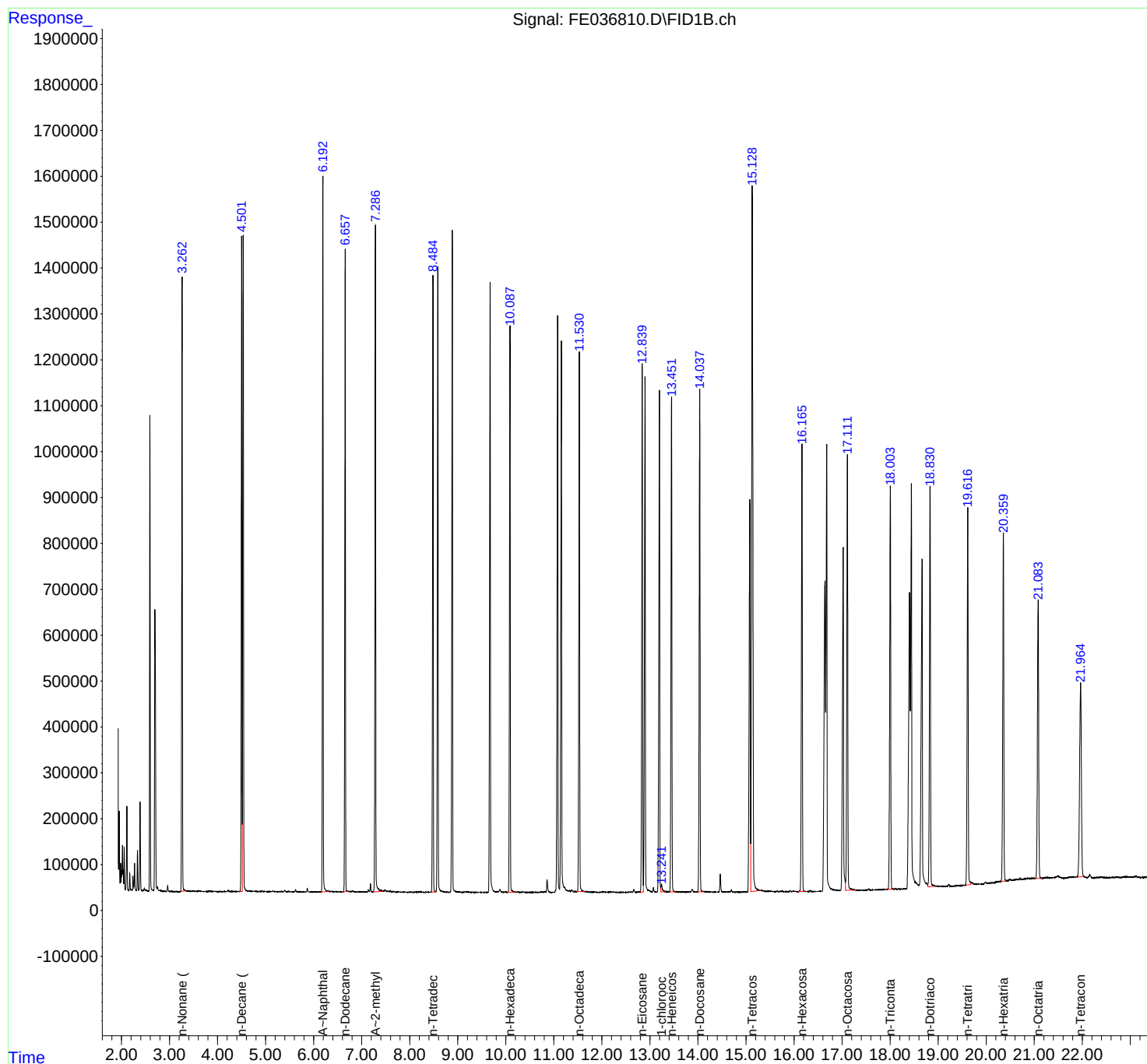
Instrument :
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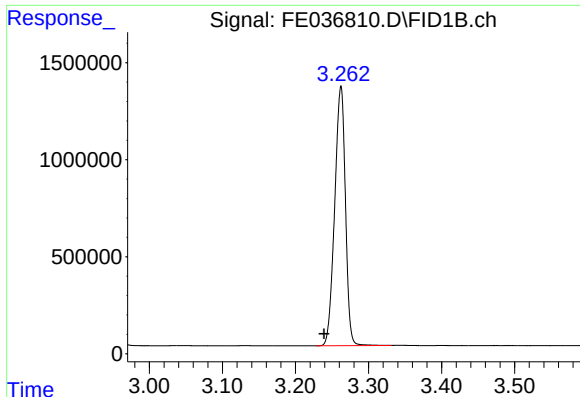
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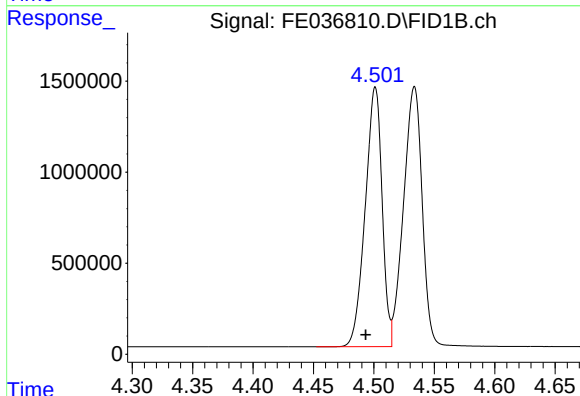
#1 n-Nonane (C9)

R.T.: 3.262 min
Delta R.T.: 0.023 min
Response: 13643470
Conc: 88.50 ug/ml

Instrument :
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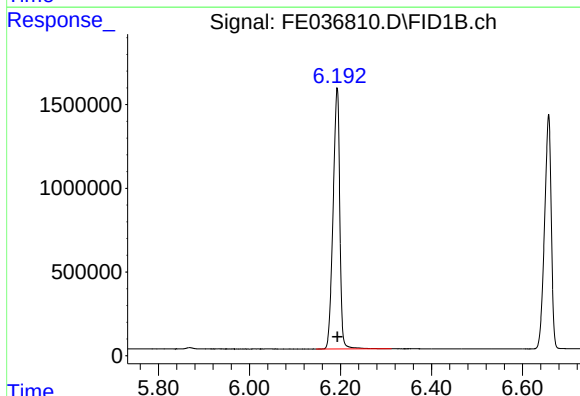
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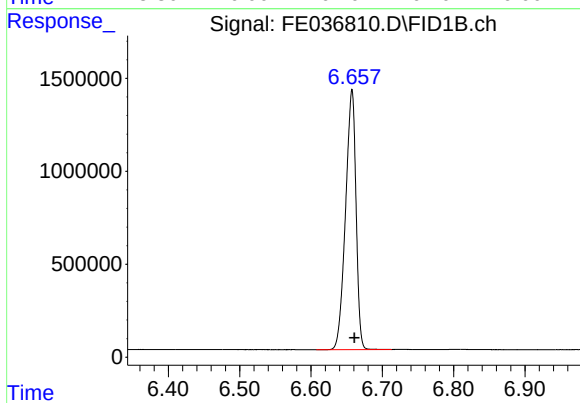
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: 0.008 min
Response: 13857113
Conc: 89.90 ug/ml



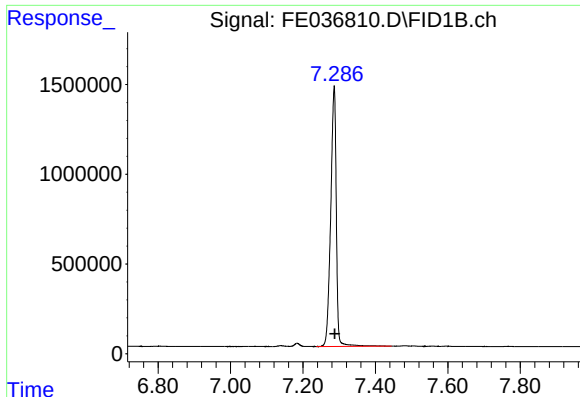
#3 A~Naphthalene (C11.7)

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 15914637
Conc: 93.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.657 min
Delta R.T.: -0.003 min
Response: 14256627
Conc: 90.77 ug/ml



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

R.T.: 7.286 min
Delta R.T.: -0.002 min
Response: 15516945
Conc: 90.28 ug/ml

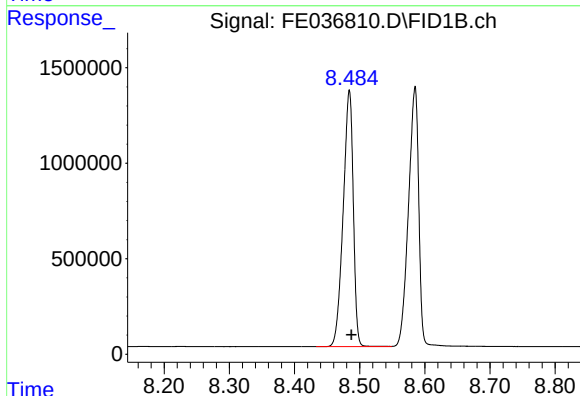
Instrument :

FID_E

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PP20391

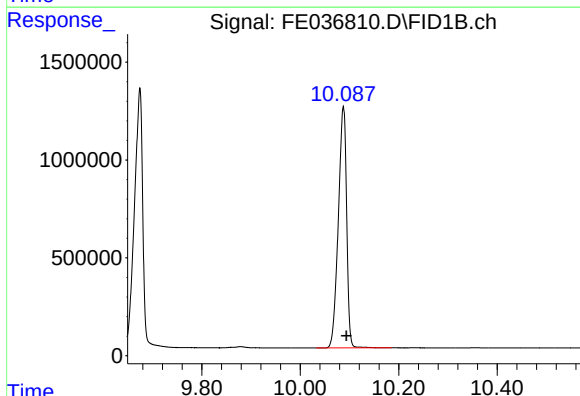
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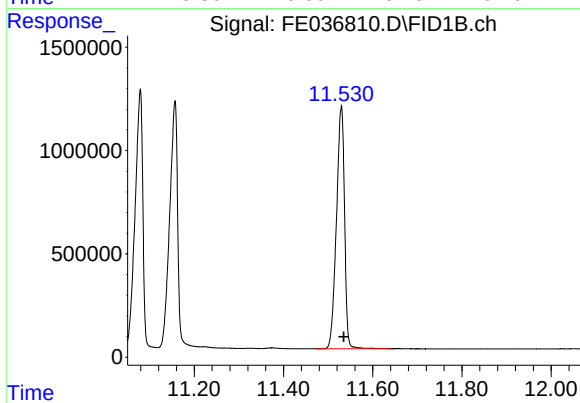
#6 n-Tetradecane (C14)

R.T.: 8.484 min
Delta R.T.: -0.003 min
Response: 14451853
Conc: 88.52 ug/ml



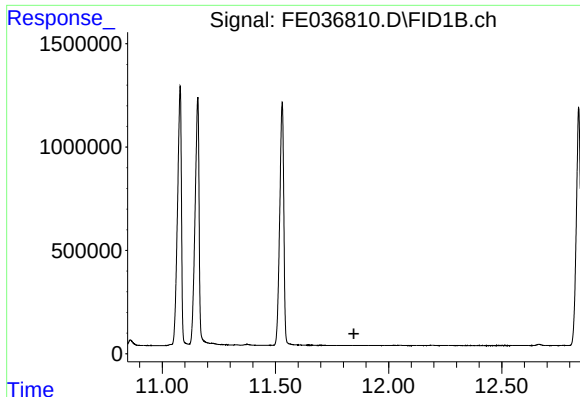
#7 n-Hexadecane (C16)

R.T.: 10.088 min
Delta R.T.: -0.006 min
Response: 14451277
Conc: 87.68 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.530 min
Delta R.T.: -0.005 min
Response: 14791432
Conc: 87.03 ug/ml



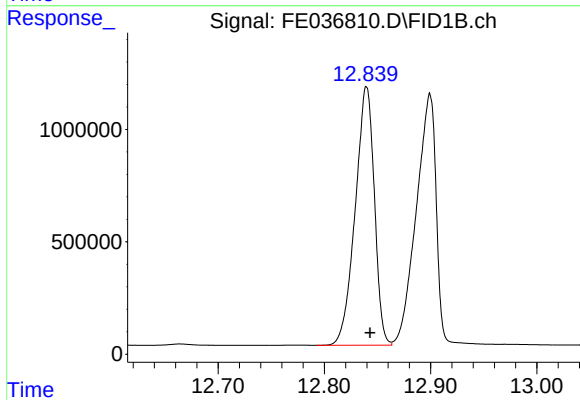
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.846 min
Response: 0
Conc: N.D.

Instrument :
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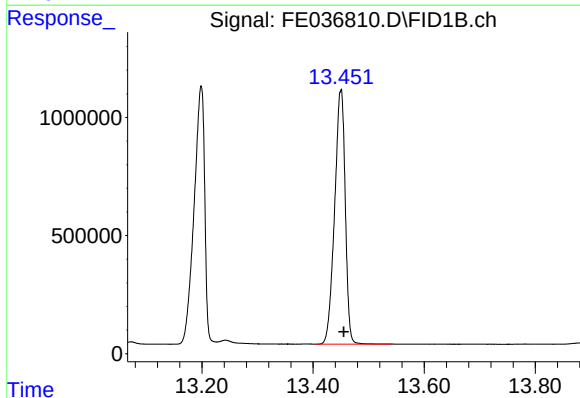
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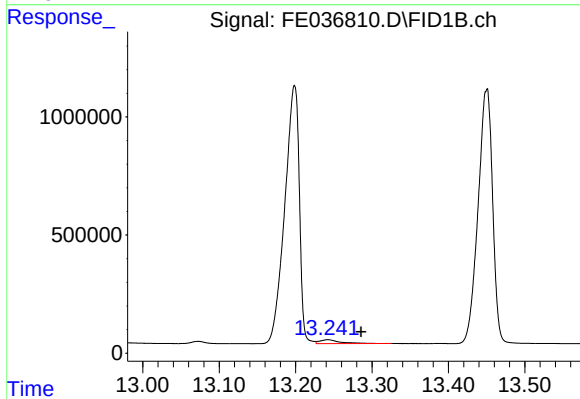
#10 n-Eicosane (C20)

R.T.: 12.840 min
Delta R.T.: -0.003 min
Response: 14413079
Conc: 84.73 ug/ml



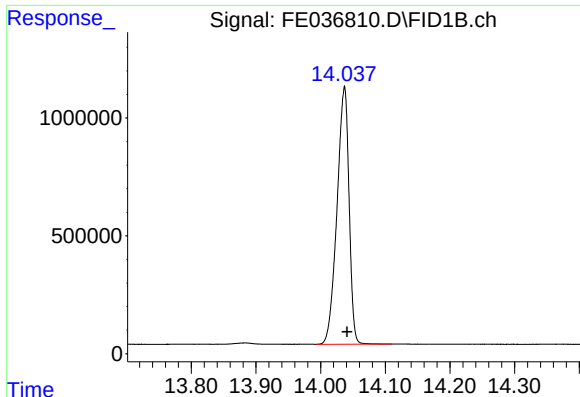
#11 n-Heneicosane (C21)

R.T.: 13.450 min
Delta R.T.: -0.005 min
Response: 14299607
Conc: 83.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.242 min
Delta R.T.: -0.043 min
Response: 305031
Conc: 2.00 ug/ml



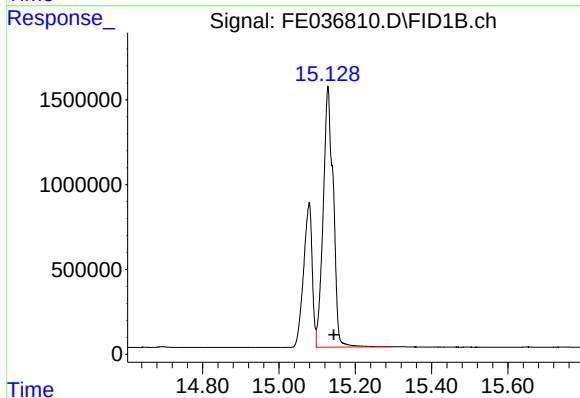
#13 n-Docosane (C22)

R.T.: 14.037 min
Delta R.T.: -0.004 min
Response: 14137391
Conc: 82.80 ug/ml

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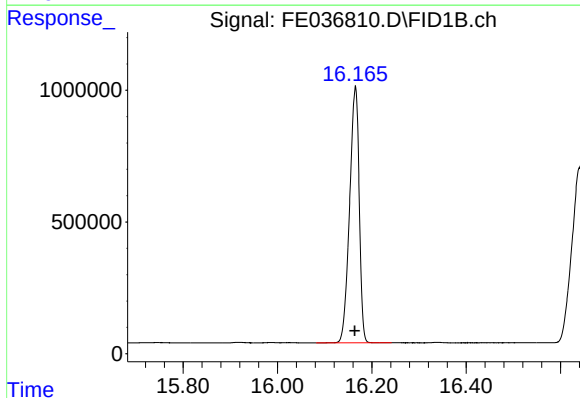
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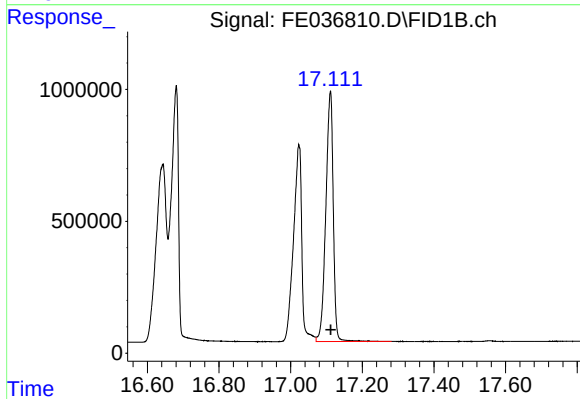
#14 n-Tetracosane (C24)

R.T.: 15.128 min
Delta R.T.: -0.015 min
Response: 28165535
Conc: 165.23 ug/ml



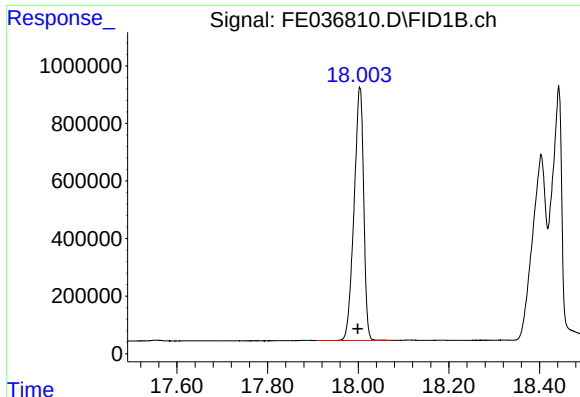
#15 n-Hexacosane (C26)

R.T.: 16.165 min
Delta R.T.: 0.001 min
Response: 13692151
Conc: 81.90 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.111 min
Delta R.T.: 0.000 min
Response: 13664112
Conc: 83.66 ug/ml



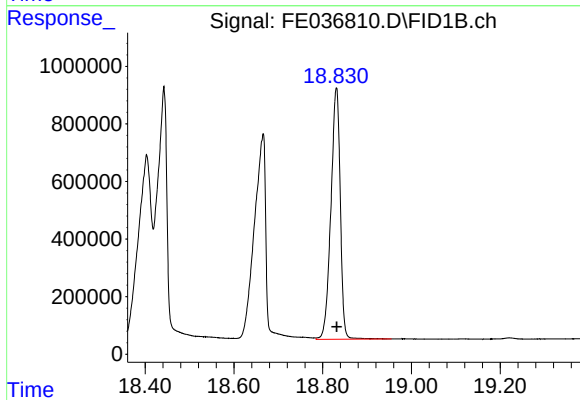
#17 n-Tricontane (C30)

R.T.: 18.004 min
Delta R.T.: 0.005 min
Response: 12942214
Conc: 85.17 ug/ml

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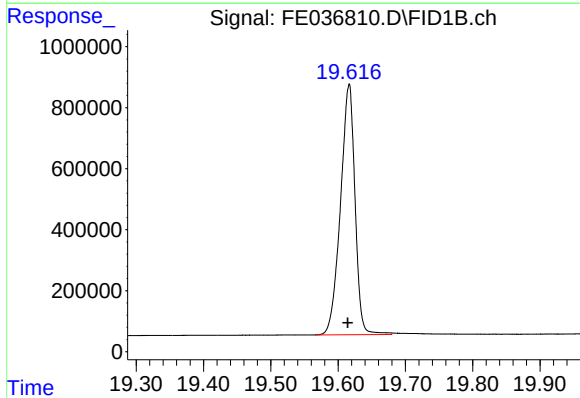
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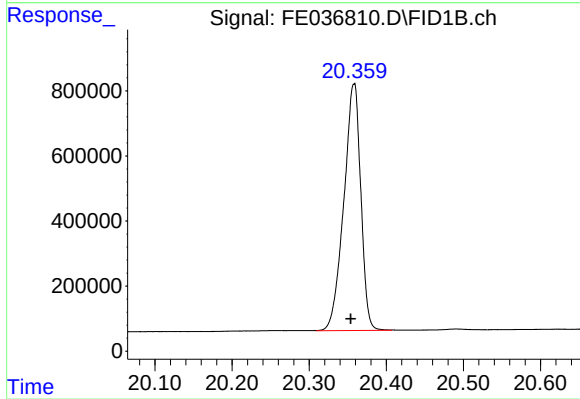
#18 n-Dotriacontane (C32)

R.T.: 18.831 min
Delta R.T.: 0.000 min
Response: 12791685
Conc: 106.36 ug/ml



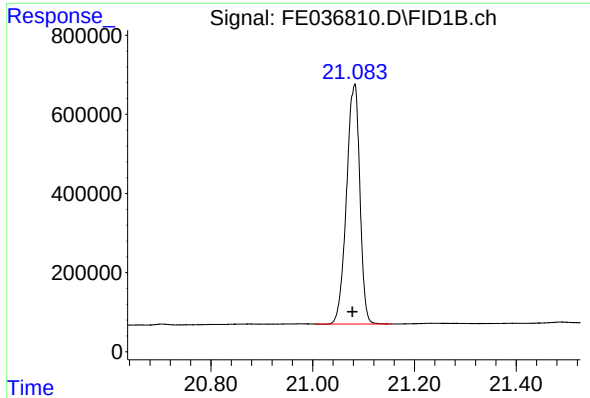
#19 n-Tetratriacontane (C34)

R.T.: 19.616 min
Delta R.T.: 0.002 min
Response: 12321372
Conc: 147.96 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.359 min
Delta R.T.: 0.005 min
Response: 11608145
Conc: 197.70 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.083 min
Delta R.T.: 0.005 min
Response: 11053234
Conc: 220.46 ug/ml

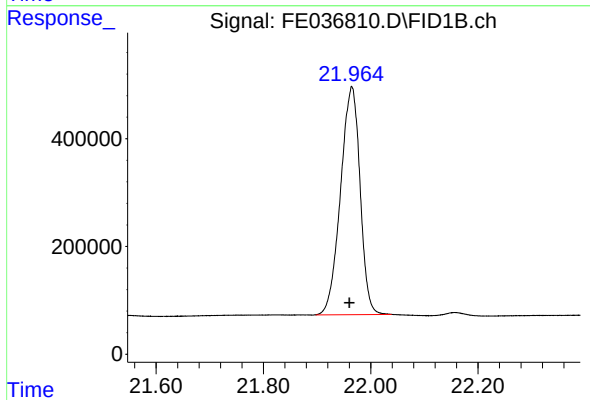
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#22 n-Tetracontane (C40)

R.T.: 21.964 min
Delta R.T.: 0.003 min
Response: 10687636
Conc: 206.96 ug/ml m