

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021425AL\
 Data File : FE052390.D
 Signal(s) : FID1B.ch
 Acq On : 14 Feb 2025 15:07
 Operator : YP\AJ
 Sample : PB166728BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB166728BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/17/2025
 Supervised By :Ankita Jodhani 02/17/2025

Integration File: autoint1.e
 Quant Time: Feb 14 21:58:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 Qlast Update : Fri Feb 14 00:50:00 2025
 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)	11.917	6605923	35.339 ug/ml
Spiked Amount 50.000		Recovery =	70.68%
12) S 1-chlorooctadecane (S...	13.363	5218261	37.543 ug/mlm
Spiked Amount 50.000		Recovery =	75.09%
Target Compounds			
1) T n-Nonane (C9)	3.264	5554010	36.182 ug/ml
2) T n-Decane (C10)	4.522	5792236	37.085 ug/ml
3) T A~Naphthalene (C11.7)	6.230	6714534	38.864 ug/ml
4) T n-Dodecane (C12)	6.699	5882058	37.266 ug/ml
5) T A~2-methylnaphthalene...	7.331	6180988	36.803 ug/ml
6) T n-Tetradecane (C14)	8.538	5951547	37.784 ug/ml
7) T n-Hexadecane (C16)	10.151	5904737	36.128 ug/ml
8) T n-Octadecane (C18)	11.602	5863540	35.438 ug/ml
10) T n-Eicosane (C20)	12.917	5983606	37.533 ug/ml
11) T n-Heneicosane (C21)	13.531	5719594	36.507 ug/ml
13) T n-Docosane (C22)	14.119	5665620	36.203 ug/ml
14) T n-Tetracosane (C24)	15.204	11897393	75.650 ug/mlm
15) T n-Hexacosane (C26)	16.253	5470367	35.318 ug/ml
16) T n-Octacosane (C28)	17.202	5464572	35.725 ug/ml
17) T n-Tricontane (C30)	18.095	5496088	35.209 ug/ml
18) T n-Dotriacontane (C32)	18.929	5480837	35.818 ug/ml
19) T n-Tetratriacontane (C34)	19.714	5367020	37.726 ug/ml
20) T n-Hexatriacontane (C36)	20.456	4969128	39.869 ug/ml
21) T n-Octatriacontane (C38)	21.199	4799876	43.914 ug/mlm
22) T n-Tetracontane (C40)	22.123	4943221	49.143 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB166728BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

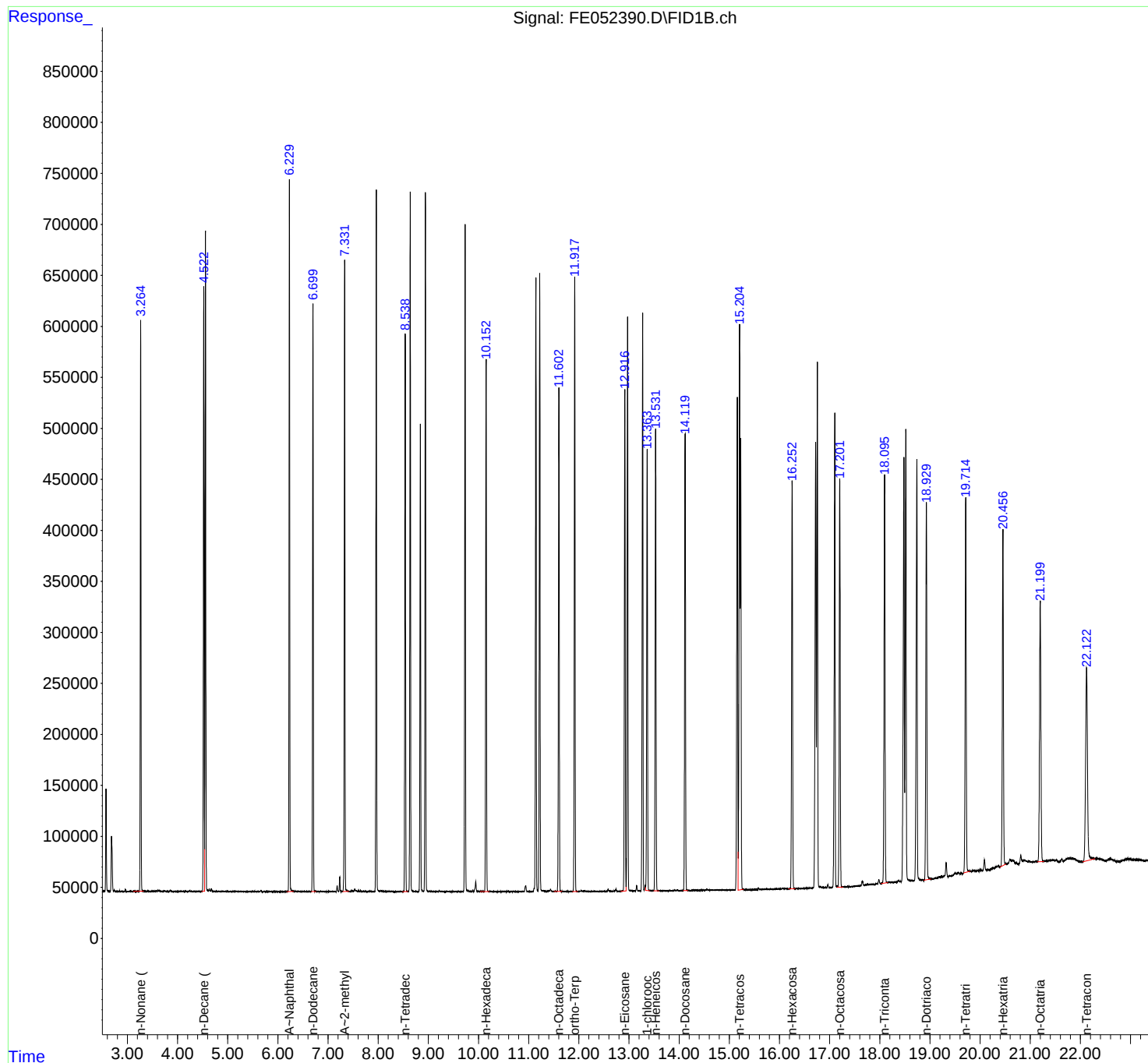
Instrument :
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PB166728BSD

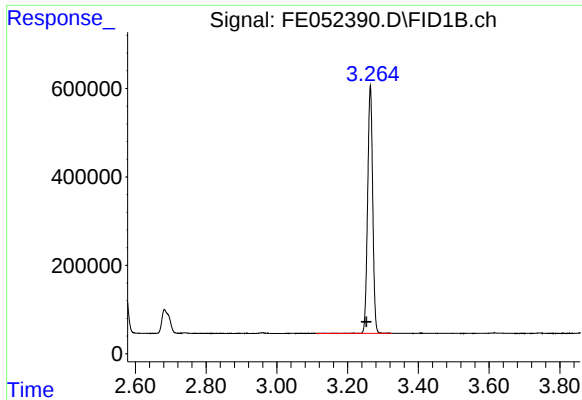
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.264 min
Delta R.T.: 0.011 min
Response: 5554010
Conc: 36.18 ug/ml

Instrument :

FID_E

ClientSampleId :

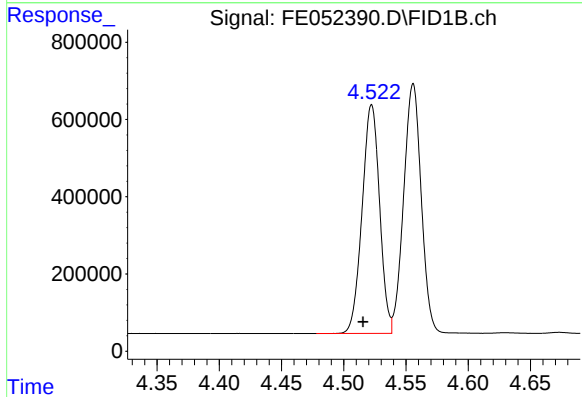
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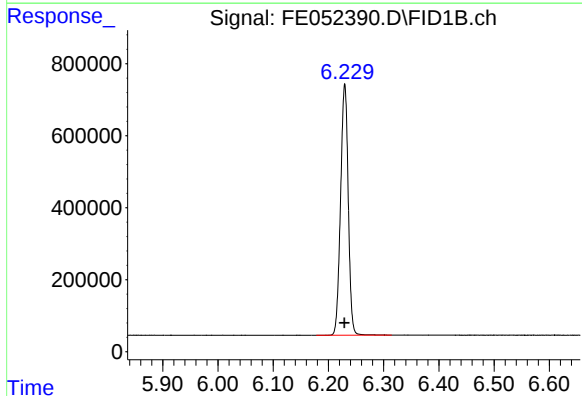
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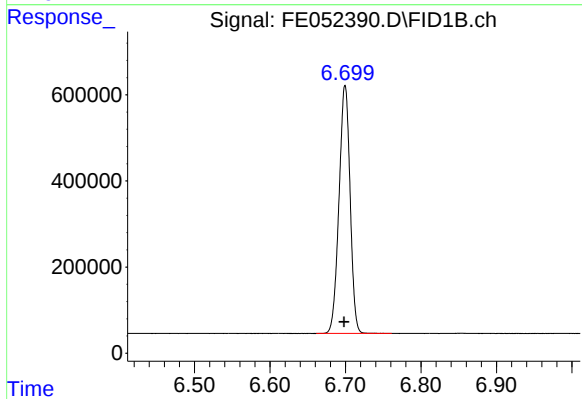
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: 0.007 min
Response: 5792236
Conc: 37.08 ug/ml



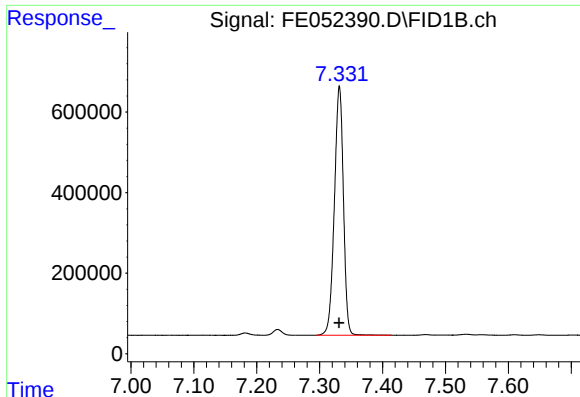
#3 A~Naphthalene (C11.7)

R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 6714534
Conc: 38.86 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.699 min
Delta R.T.: 0.001 min
Response: 5882058
Conc: 37.27 ug/ml



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

R.T.: 7.331 min
Delta R.T.: 0.000 min
Response: 6180988
Conc: 36.80 ug/ml

Instrument :

FID_E

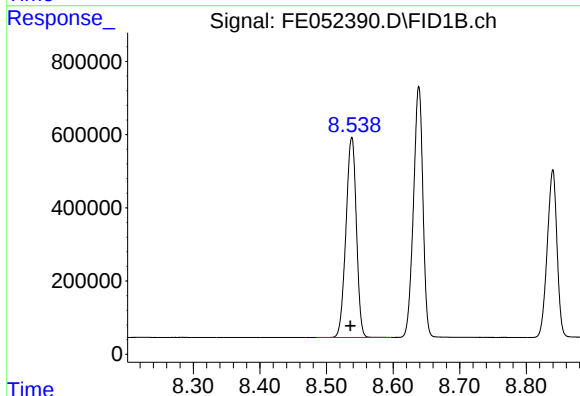
ClientSampleId :

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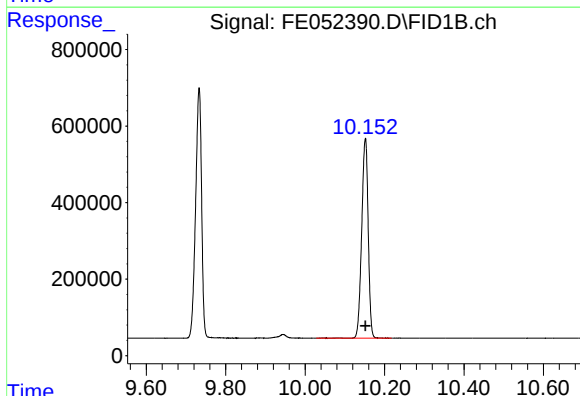
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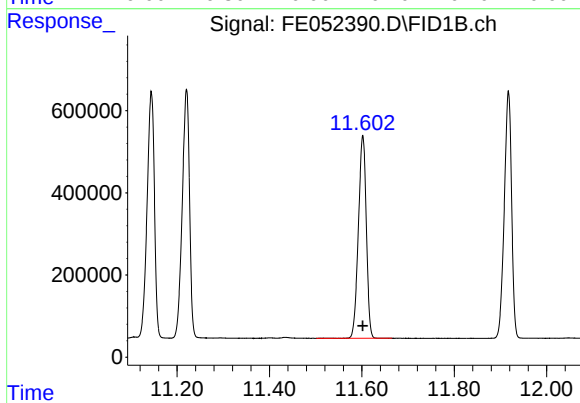
#6 n-Tetradecane (C14)

R.T.: 8.538 min
Delta R.T.: 0.002 min
Response: 5951547
Conc: 37.78 ug/ml



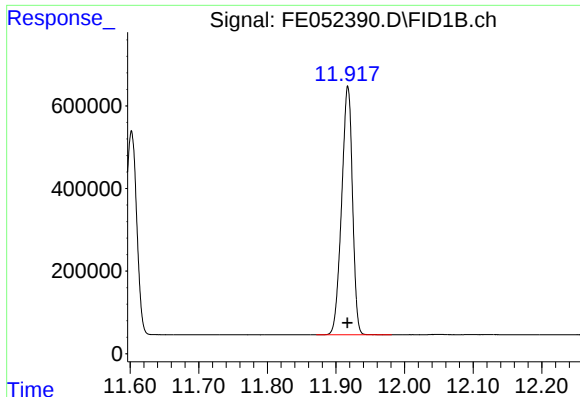
#7 n-Hexadecane (C16)

R.T.: 10.151 min
Delta R.T.: 0.000 min
Response: 5904737
Conc: 36.13 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.602 min
Delta R.T.: 0.000 min
Response: 5863540
Conc: 35.44 ug/ml



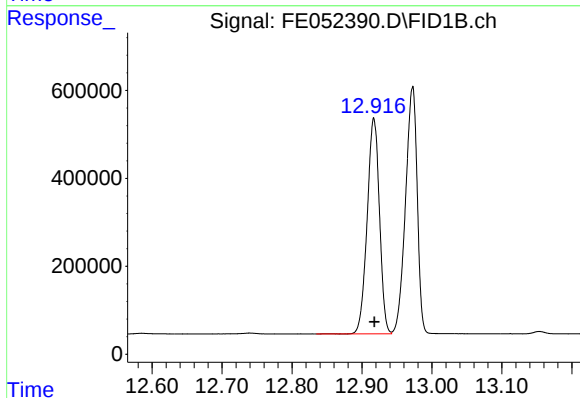
#9 ortho-Terphenyl (SURR)

R.T.: 11.917 min
Delta R.T.: 0.000 min
Response: 6605923
Conc: 35.34 ug/ml

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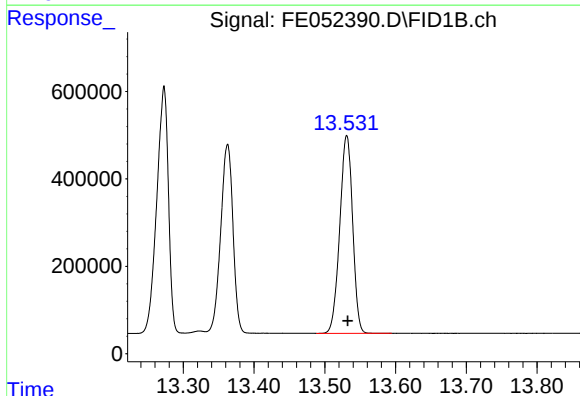
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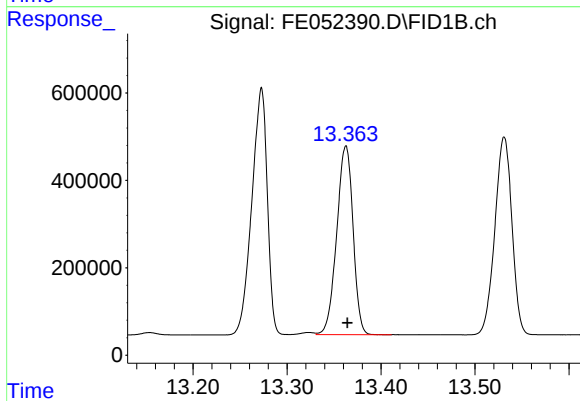
#10 n-Eicosane (C20)

R.T.: 12.917 min
Delta R.T.: 0.000 min
Response: 5983606
Conc: 37.53 ug/ml



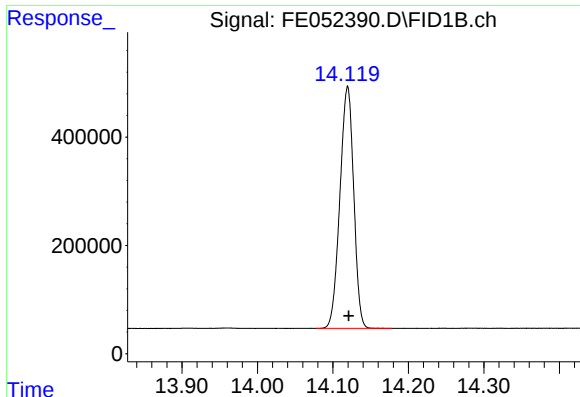
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: -0.001 min
Response: 5719594
Conc: 36.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.363 min
Delta R.T.: -0.001 min
Response: 5218261
Conc: 37.54 ug/ml m



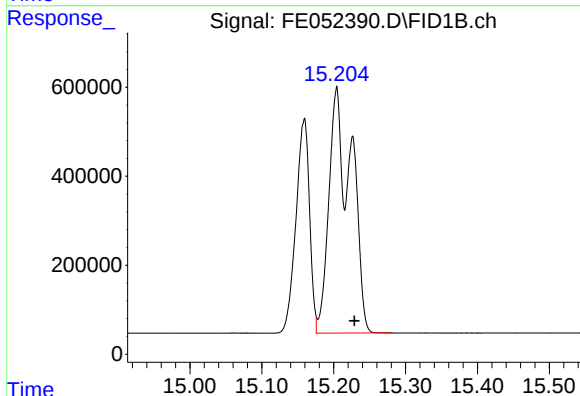
#13 n-Docosane (C22)

R.T.: 14.119 min
Delta R.T.: -0.002 min
Response: 5665620
Conc: 36.20 ug/ml

Instrument :
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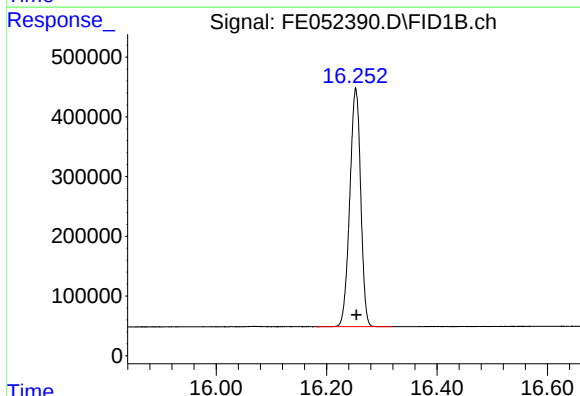
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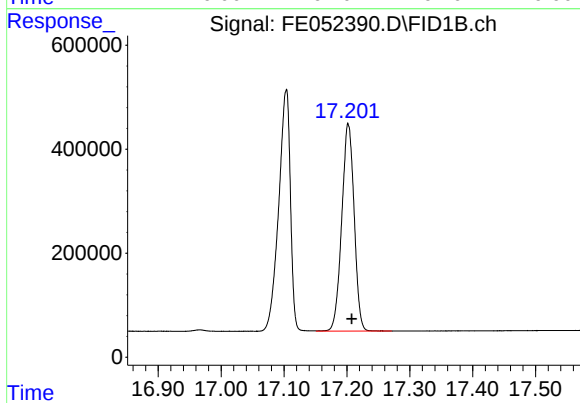
#14 n-Tetracosane (C24)

R.T.: 15.204 min
Delta R.T.: -0.025 min
Response: 11897393
Conc: 75.65 ug/ml m



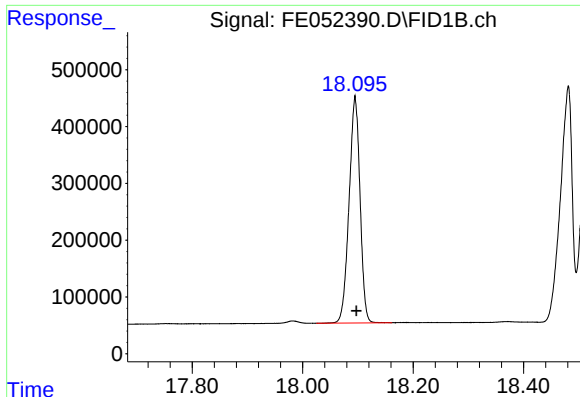
#15 n-Hexacosane (C26)

R.T.: 16.253 min
Delta R.T.: 0.000 min
Response: 5470367
Conc: 35.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.202 min
Delta R.T.: -0.005 min
Response: 5464572
Conc: 35.73 ug/ml



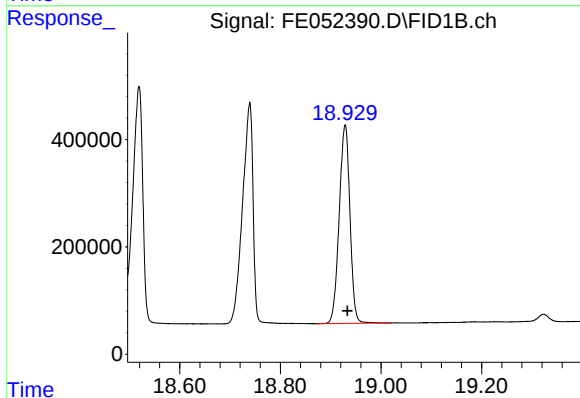
#17 n-Tricontane (C30)

R.T.: 18.095 min
Delta R.T.: -0.002 min
Response: 5496088
Conc: 35.21 ug/ml

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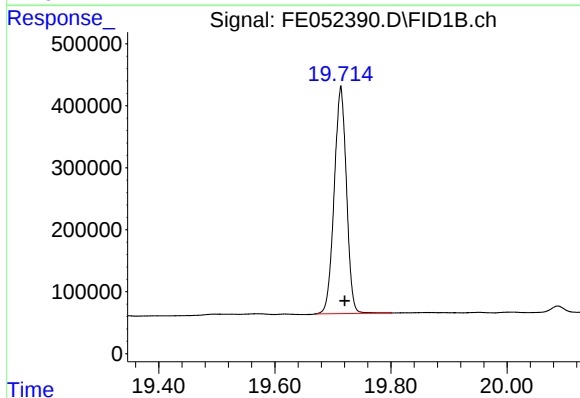
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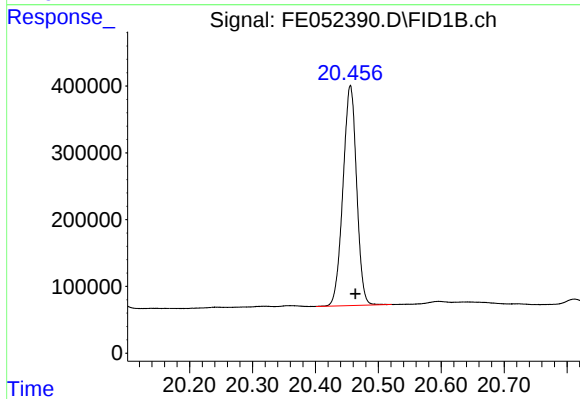
#18 n-Dotriacontane (C32)

R.T.: 18.929 min
Delta R.T.: -0.005 min
Response: 5480837
Conc: 35.82 ug/ml



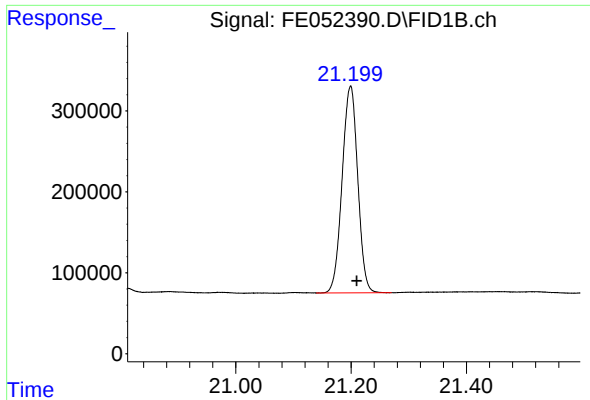
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.007 min
Response: 5367020
Conc: 37.73 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.456 min
Delta R.T.: -0.008 min
Response: 4969128
Conc: 39.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.199 min
Delta R.T.: -0.010 min
Response: 4799876
Conc: 43.91 ug/ml

Instrument :

FID_E

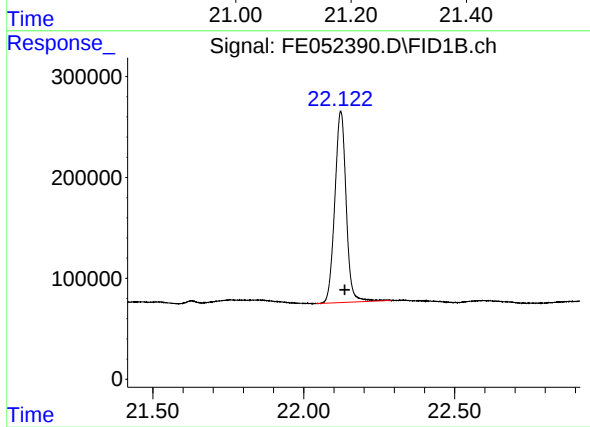
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#22 n-Tetracontane (C40)

R.T.: 22.123 min
Delta R.T.: -0.013 min
Response: 4943221
Conc: 49.14 ug/ml