

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120922AL\
 Data File : FE039221.D
 Signal(s) : FID1B.ch
 Acq On : 09 Dec 2022 18:36
 Operator : YP\AJ
 Sample : N5963-04MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 RBR200046-03MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/12/2022
 Supervised By :Ankita Jodhani 12/12/2022

Integration File: autoint1.e
 Quant Time: Dec 11 02:57:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 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)	11.941	5566124	35.580 ug/ml
Spiked Amount 50.000		Recovery =	71.16%
12) S 1-chlorooctadecane (S...	13.376	4327805	35.844 ug/ml
Spiked Amount 50.000		Recovery =	71.69%
Target Compounds			
1) T n-Nonane (C9)	3.336	3618496	25.528 ug/ml
2) T n-Decane (C10)	4.587	4126176	29.604 ug/ml
3) T A~Naphthalene (C11.7)	6.287	5147303	32.362 ug/ml
4) T n-Dodecane (C12)	6.749	4634299	32.877 ug/ml
5) T A~2-methylnaphthalene...	7.382	5098788	34.068 ug/ml
6) T n-Tetradecane (C14)	8.576	4789329	33.534 ug/ml
7) T n-Hexadecane (C16)	10.180	5151956	35.236 ug/ml
8) T n-Octadecane (C18)	11.623	5448723	37.029 ug/ml
10) T n-Eicosane (C20)	12.932	5306519	37.380 ug/ml
11) T n-Heneicosane (C21)	13.543	5248500	36.936 ug/mlm
13) T n-Docosane (C22)	14.129	5253268	37.580 ug/ml
14) T n-Tetracosane (C24)	15.226	3786611	27.418 ug/mlm
15) T n-Hexacosane (C26)	16.253	5079921	37.821 ug/ml
16) T n-Octacosane (C28)	17.200	4961048	37.358 ug/ml
17) T n-Tricontane (C30)	18.089	4735176	35.856 ug/ml
18) T n-Dotriacontane (C32)	18.921	4723084	35.414 ug/ml
19) T n-Tetratriacontane (C34)	19.704	4449271	33.624 ug/mlm
20) T n-Hexatriacontane (C36)	20.444	4024695	31.328 ug/mlm
21) T n-Octatriacontane (C38)	21.181	3798846	28.991 ug/ml
22) T n-Tetracontane (C40)	22.100	3484497	25.590 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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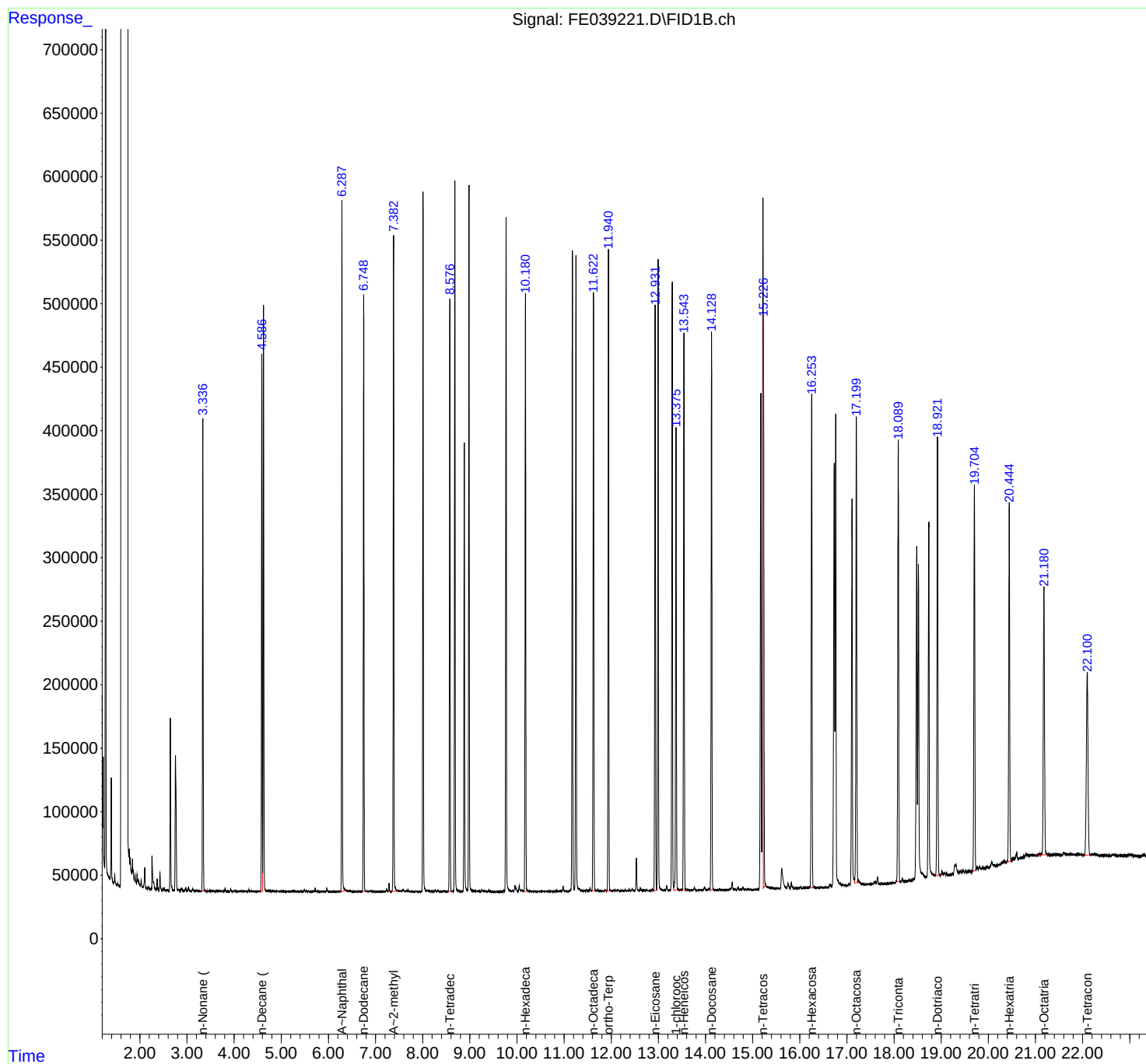
Instrument :
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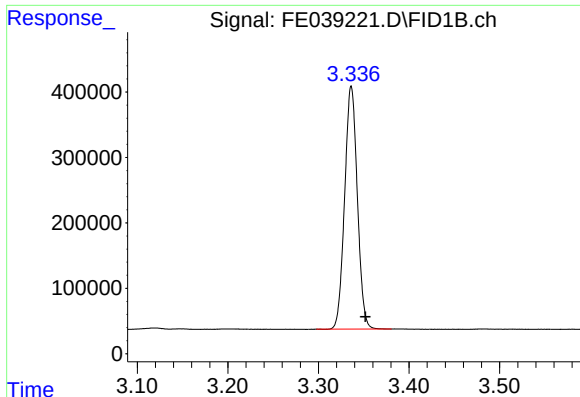
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#1 n-Nonane (C9)

R.T.: 3.336 min
Delta R.T.: -0.016 min
Response: 3618496
Conc: 25.53 ug/ml

Instrument :

FID_E

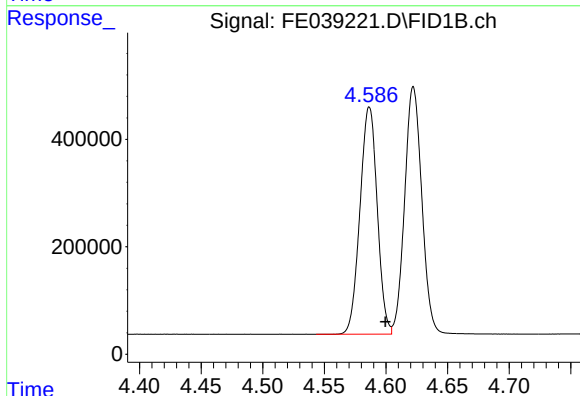
ClientSampleId :

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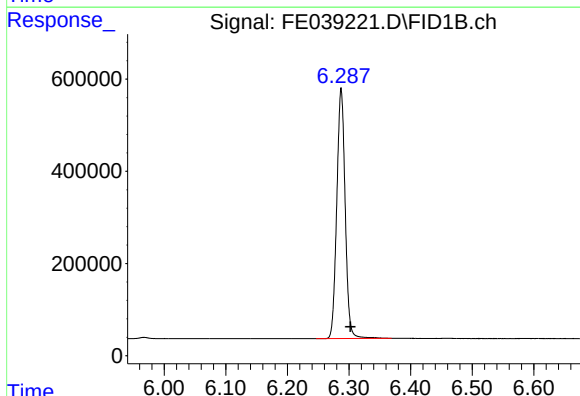
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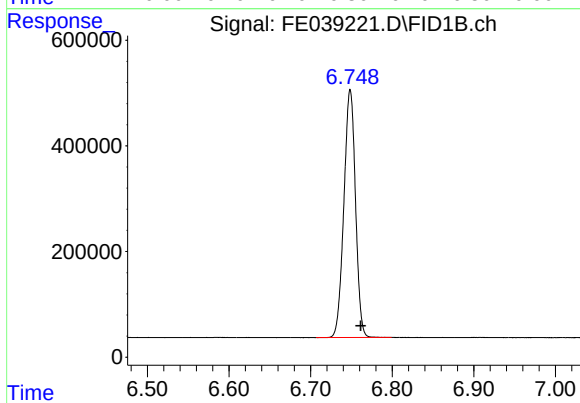
#2 n-Decane (C10)

R.T.: 4.587 min
Delta R.T.: -0.013 min
Response: 4126176
Conc: 29.60 ug/ml



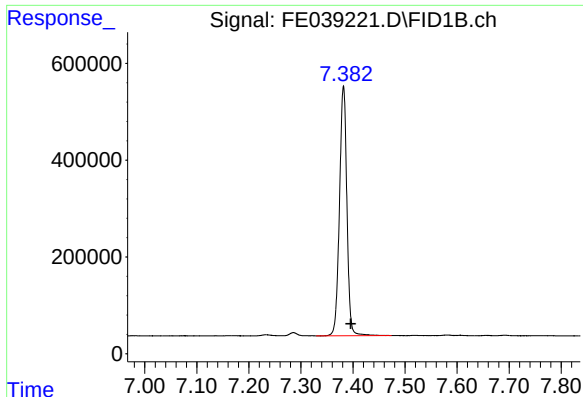
#3 A~Naphthalene (C11.7)

R.T.: 6.287 min
Delta R.T.: -0.015 min
Response: 5147303
Conc: 32.36 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.749 min
Delta R.T.: -0.013 min
Response: 4634299
Conc: 32.88 ug/ml



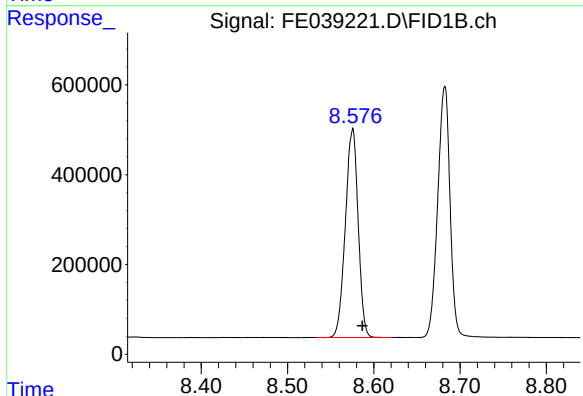
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.382 min
Delta R.T.: -0.014 min
Response: 5098788
Conc: 34.07 ug/ml

Instrument :
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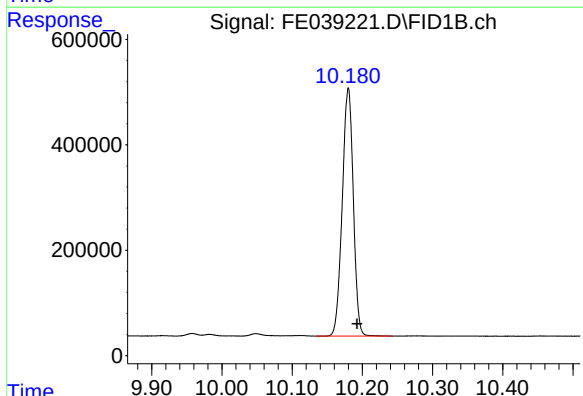
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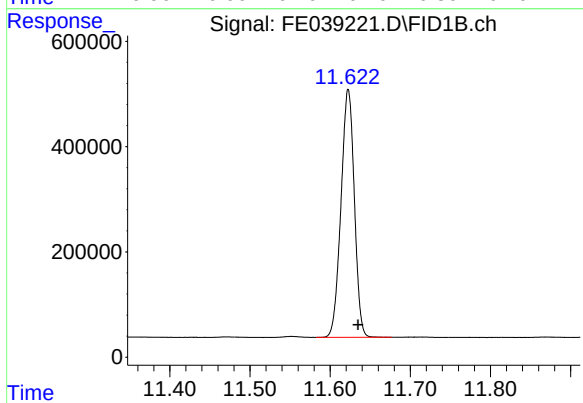
#6 n-Tetradecane (C14)

R.T.: 8.576 min
Delta R.T.: -0.011 min
Response: 4789329
Conc: 33.53 ug/ml



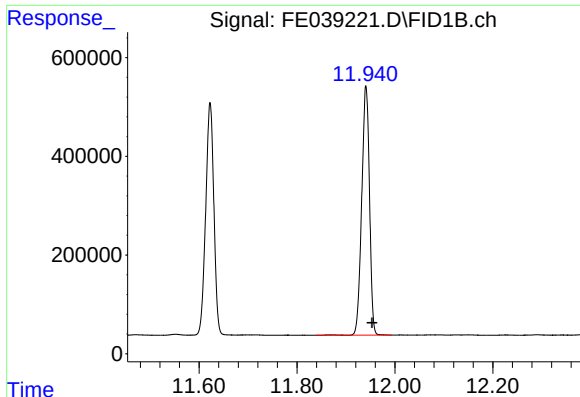
#7 n-Hexadecane (C16)

R.T.: 10.180 min
Delta R.T.: -0.013 min
Response: 5151956
Conc: 35.24 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.623 min
Delta R.T.: -0.012 min
Response: 5448723
Conc: 37.03 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.941 min
Delta R.T.: -0.012 min
Response: 5566124
Conc: 35.58 ug/ml

Instrument :

FID_E

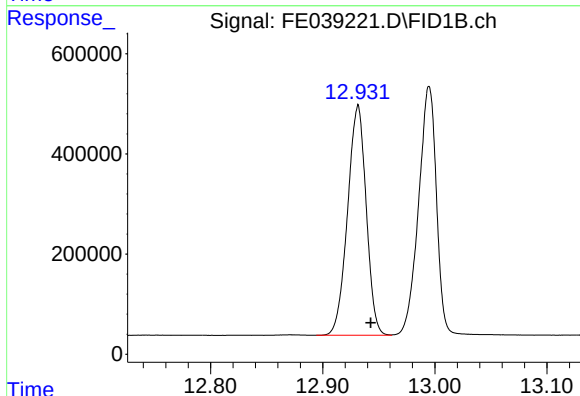
ClientSampleId :

RBR200046-03MS

Manual Integrations

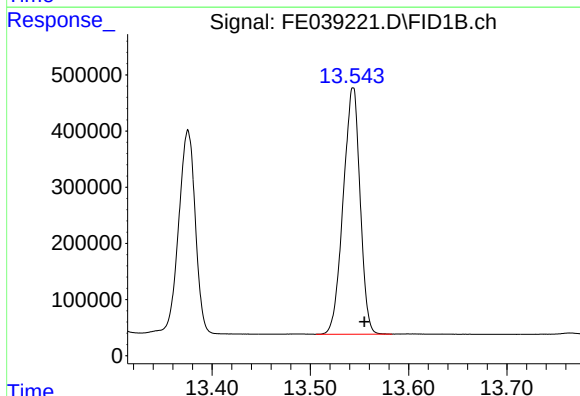
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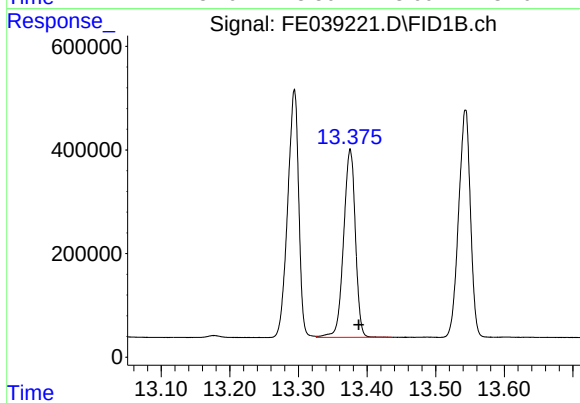
#10 n-Eicosane (C20)

R.T.: 12.932 min
Delta R.T.: -0.011 min
Response: 5306519
Conc: 37.38 ug/ml



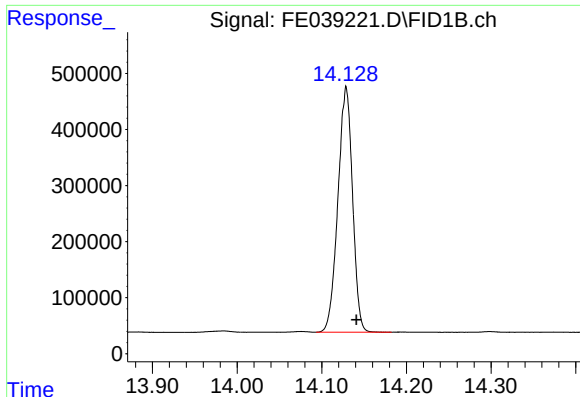
#11 n-Heneicosane (C21)

R.T.: 13.543 min
Delta R.T.: -0.012 min
Response: 5248500
Conc: 36.94 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.376 min
Delta R.T.: -0.013 min
Response: 4327805
Conc: 35.84 ug/ml



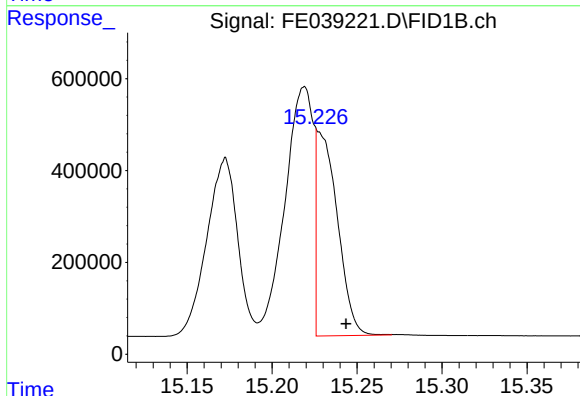
#13 n-Docosane (C22)

R.T.: 14.129 min
Delta R.T.: -0.012 min
Response: 5253268
Conc: 37.58 ug/ml

Instrument :
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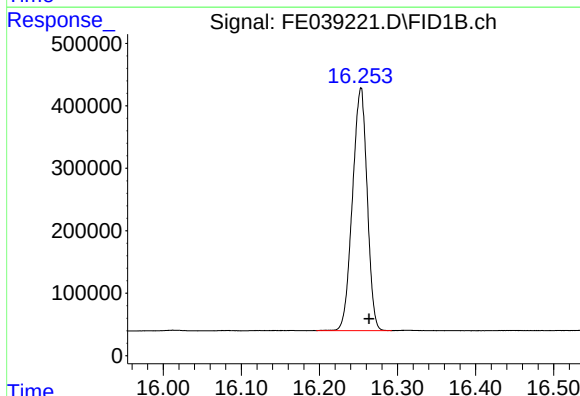
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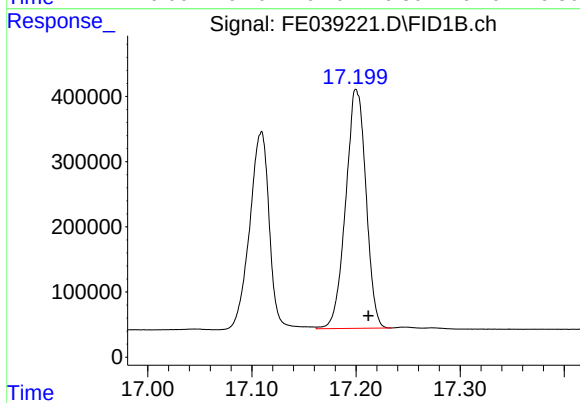
#14 n-Tetracosane (C24)

R.T.: 15.226 min
Delta R.T.: -0.018 min
Response: 3786611
Conc: 27.42 ug/ml m



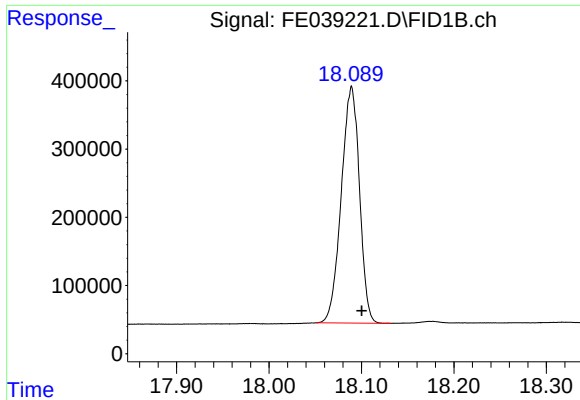
#15 n-Hexacosane (C26)

R.T.: 16.253 min
Delta R.T.: -0.010 min
Response: 5079921
Conc: 37.82 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.200 min
Delta R.T.: -0.012 min
Response: 4961048
Conc: 37.36 ug/ml



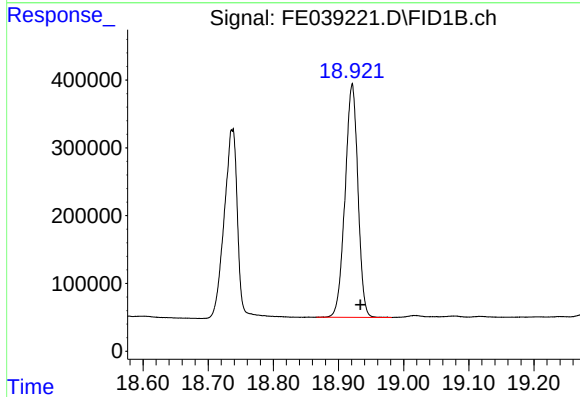
#17 n-Tricontane (C30)

R.T.: 18.089 min
Delta R.T.: -0.011 min
Response: 4735176
Conc: 35.86 ug/ml

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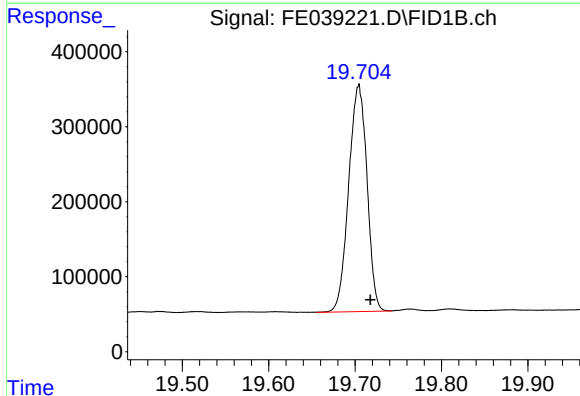
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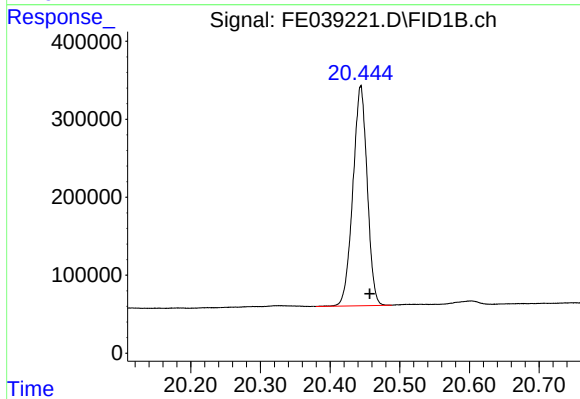
#18 n-Dotriacontane (C32)

R.T.: 18.921 min
Delta R.T.: -0.012 min
Response: 4723084
Conc: 35.41 ug/ml



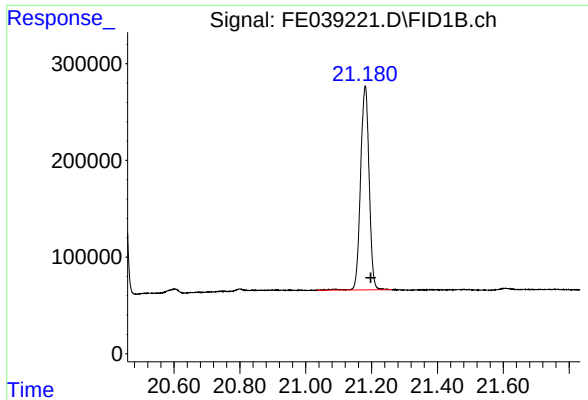
#19 n-Tetratriacontane (C34)

R.T.: 19.704 min
Delta R.T.: -0.013 min
Response: 4449271
Conc: 33.62 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.444 min
Delta R.T.: -0.013 min
Response: 4024695
Conc: 31.33 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.181 min
Delta R.T.: -0.016 min
Response: 3798846
Conc: 28.99 ug/ml

Instrument :

FID_E

ClientSampleId :

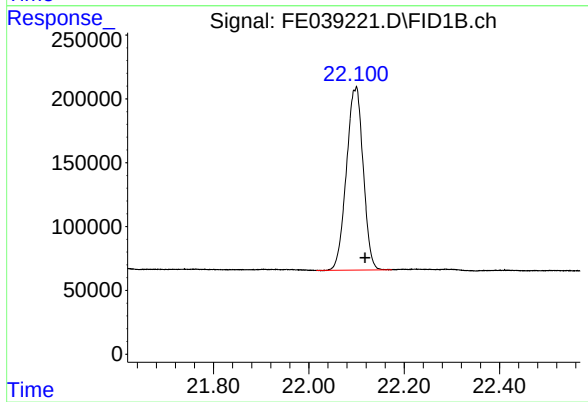
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#22 n-Tetracontane (C40)

R.T.: 22.100 min
Delta R.T.: -0.018 min
Response: 3484497
Conc: 25.59 ug/ml