

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010323AL\
 Data File : FE039619.D
 Signal(s) : FID1B.ch
 Acq On : 03 Jan 2023 19:34
 Operator : YP\AJ
 Sample : 01002-05MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

3MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2023

Supervised By :Ankita Jodhani 01/04/2023

Integration File: autoint1.e

Quant Time: Jan 04 03:19:28 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M

Quant Title : GC Extractables

QLast Update : Sat Dec 17 15:09:52 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)	11.929	3781415	25.339 ug/ml
Spiked Amount 50.000		Recovery =	50.68%
12) S 1-chlorooctadecane (S...	13.364	2556533	22.212 ug/ml
Spiked Amount 50.000		Recovery =	44.42%
Target Compounds			
1) T n-Nonane (C9)	3.335	5352029	41.406 ug/ml
2) T n-Decane (C10)	4.579	5630605	44.189 ug/ml
3) T A~Naphthalene (C11.7)	6.277	5077011	35.121 ug/ml
4) T n-Dodecane (C12)	6.737	6025097	46.409 ug/ml
5) T A~2-methylnaphthalene...	7.370	4937850	36.460 ug/ml
6) T n-Tetradecane (C14)	8.563	6125330	46.225 ug/ml
7) T n-Hexadecane (C16)	10.169	6456219	46.929 ug/ml
8) T n-Octadecane (C18)	11.612	6832405	48.781 ug/ml
10) T n-Eicosane (C20)	12.922	6504207	47.648 ug/ml
11) T n-Heneicosane (C21)	13.533	6494326	47.615 ug/mlm
13) T n-Docosane (C22)	14.119	6444036	47.637 ug/ml
14) T n-Tetracosane (C24)	15.221	5010841	37.327 ug/mlm
15) T n-Hexacosane (C26)	16.244	6211527	47.704 ug/ml
16) T n-Octacosane (C28)	17.194	6087776	47.301 ug/ml
17) T n-Tricontane (C30)	18.081	5876227	45.641 ug/mlm
18) T n-Dotriacontane (C32)	18.915	5883765	45.434 ug/ml
19) T n-Tetratriacontane (C34)	19.697	5182124	41.075 ug/ml
20) T n-Hexatriacontane (C36)	20.437	4027360	33.307 ug/ml
21) T n-Octatriacontane (C38)	21.171	3087798	25.003 ug/ml
22) T n-Tetracontane (C40)	22.082	2553888	20.336 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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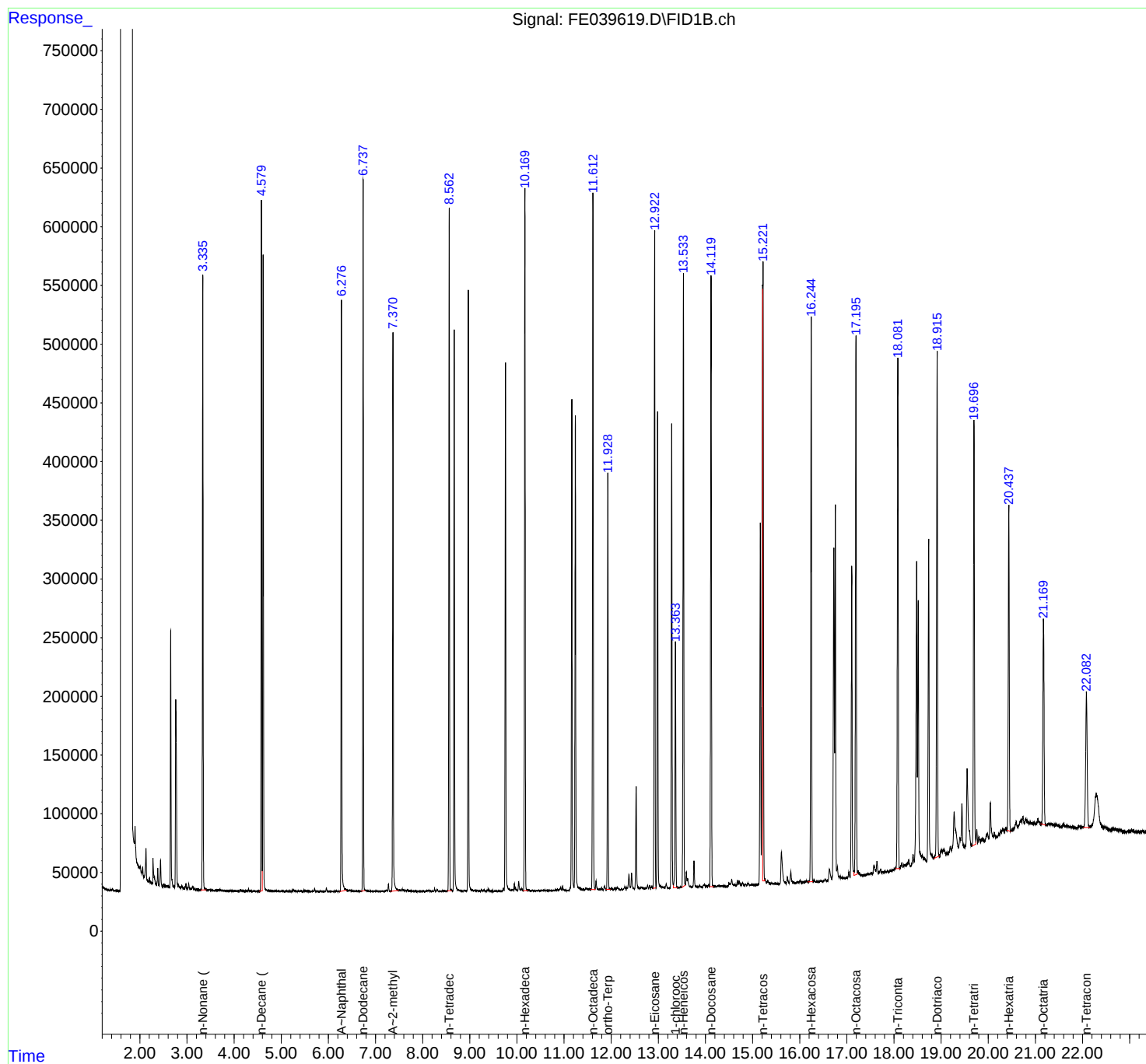
Instrument :
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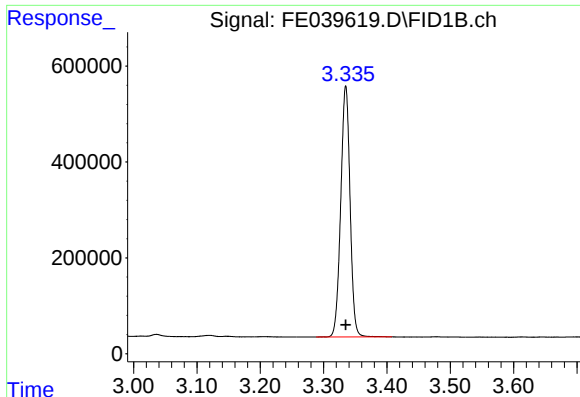
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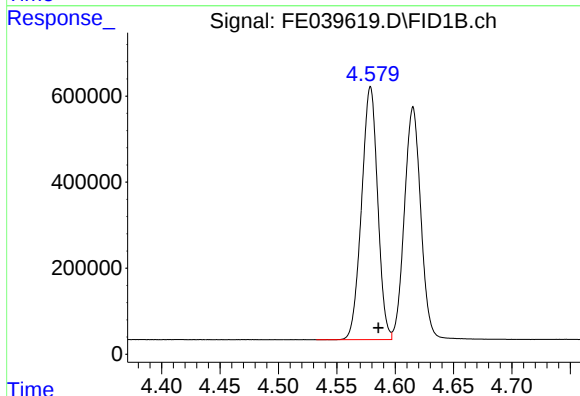
#1 n-Nonane (C9)

R.T.: 3.335 min
Delta R.T.: 0.000 min
Response: 5352029
Conc: 41.41 ug/ml

Instrument :
FID_E
ClientSampleId :
3MS

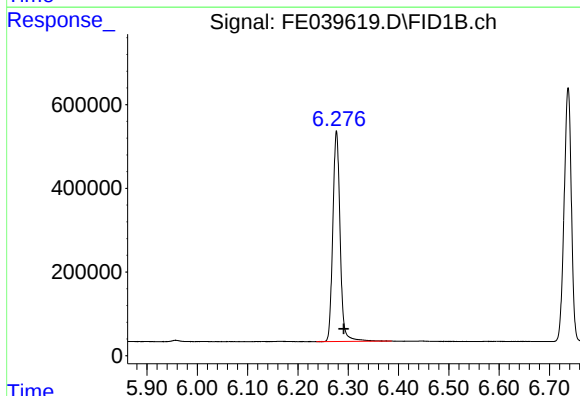
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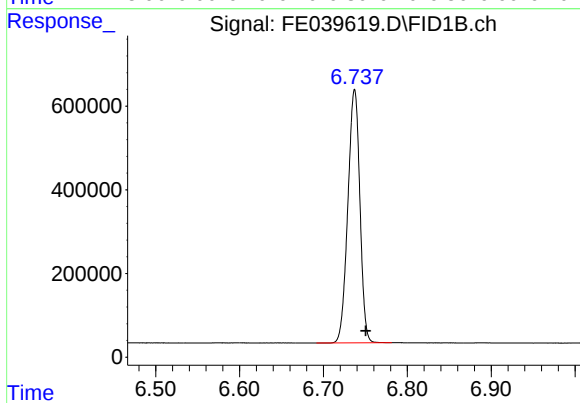
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: -0.007 min
Response: 5630605
Conc: 44.19 ug/ml



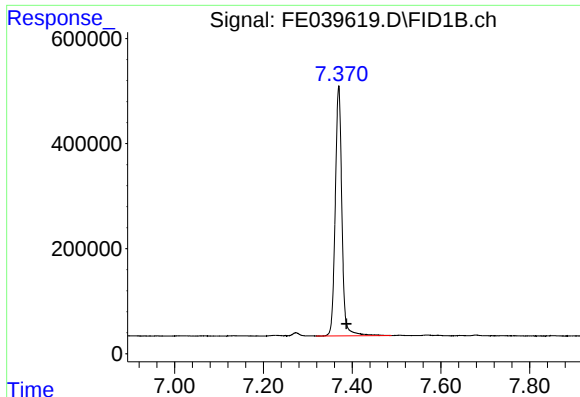
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: -0.014 min
Response: 5077011
Conc: 35.12 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.737 min
Delta R.T.: -0.013 min
Response: 6025097
Conc: 46.41 ug/ml



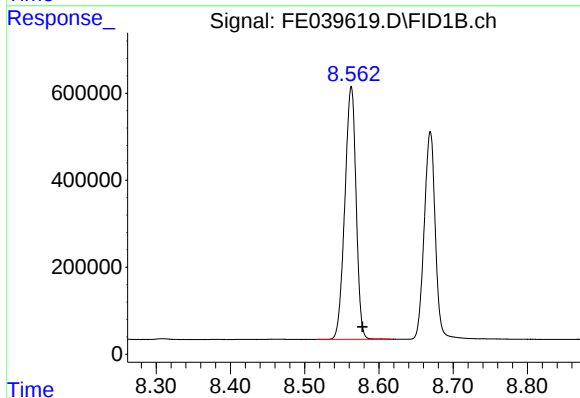
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.370 min
Delta R.T.: -0.017 min
Response: 4937850
Conc: 36.46 ug/ml

Instrument :
FID_E
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3MS

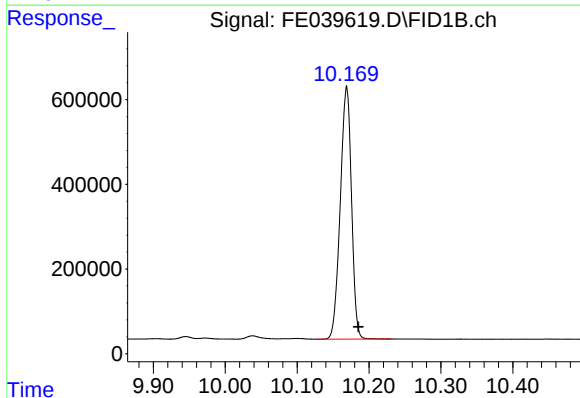
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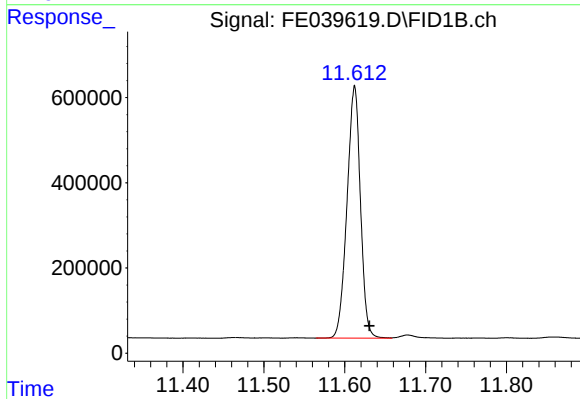
#6 n-Tetradecane (C14)

R.T.: 8.563 min
Delta R.T.: -0.015 min
Response: 6125330
Conc: 46.22 ug/ml



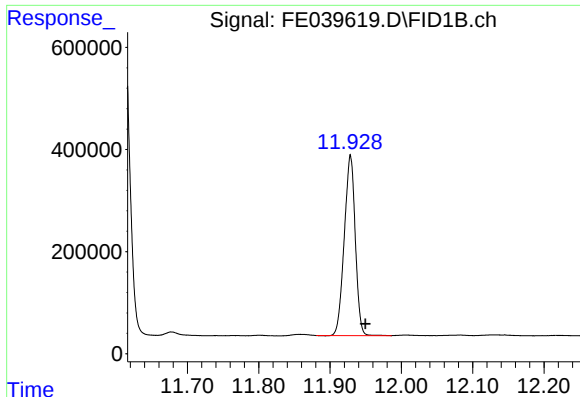
#7 n-Hexadecane (C16)

R.T.: 10.169 min
Delta R.T.: -0.016 min
Response: 6456219
Conc: 46.93 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.612 min
Delta R.T.: -0.018 min
Response: 6832405
Conc: 48.78 ug/ml



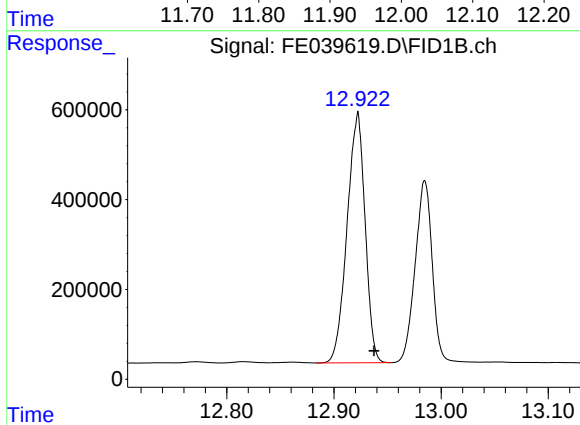
#9 ortho-Terphenyl (SURR)

R.T.: 11.929 min
Delta R.T.: -0.021 min
Response: 3781415
Conc: 25.34 ug/ml

Instrument :
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3MS

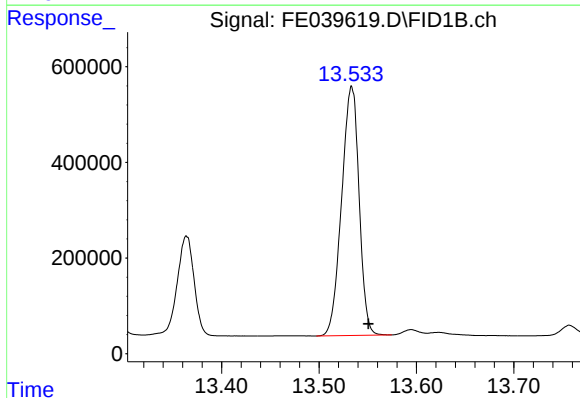
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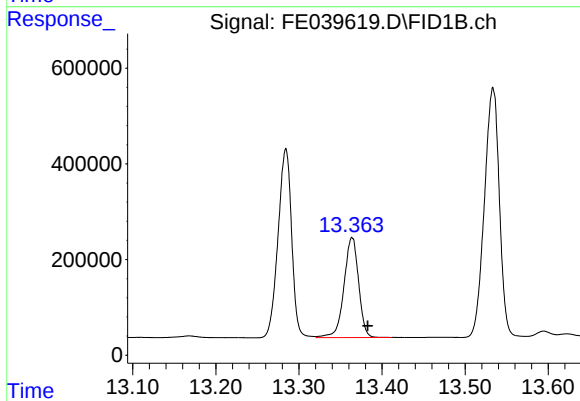
#10 n-Eicosane (C20)

R.T.: 12.922 min
Delta R.T.: -0.015 min
Response: 6504207
Conc: 47.65 ug/ml



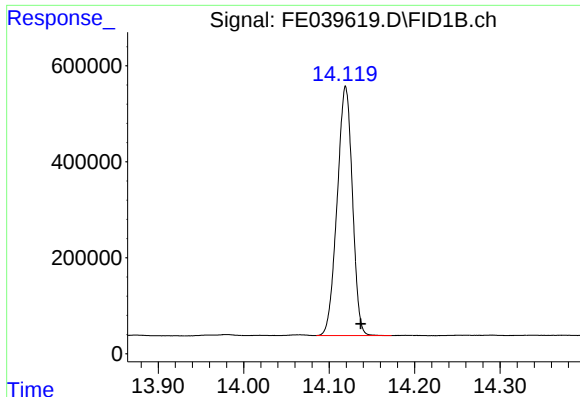
#11 n-Heneicosane (C21)

R.T.: 13.533 min
Delta R.T.: -0.018 min
Response: 6494326
Conc: 47.62 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.364 min
Delta R.T.: -0.019 min
Response: 2556533
Conc: 22.21 ug/ml



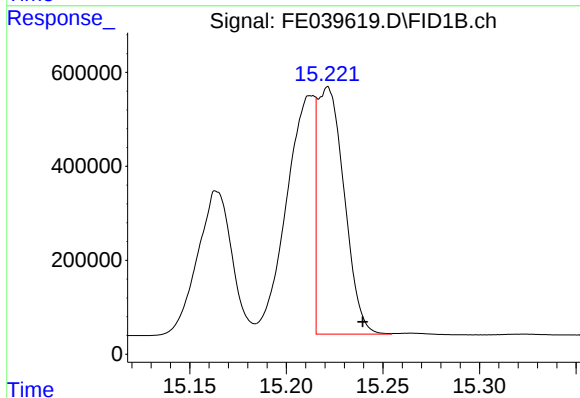
#13 n-Docosane (C22)

R.T.: 14.119 min
Delta R.T.: -0.018 min
Response: 6444036
Conc: 47.64 ug/ml

Instrument :
FID_E
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3MS

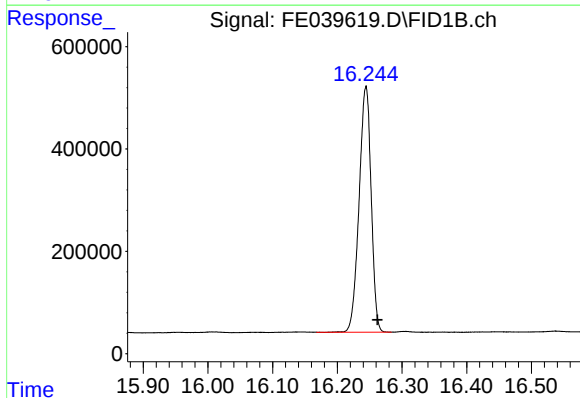
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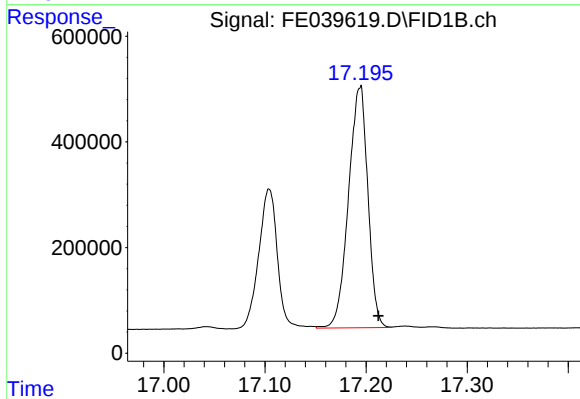
#14 n-Tetracosane (C24)

R.T.: 15.221 min
Delta R.T.: -0.018 min
Response: 5010841
Conc: 37.33 ug/ml m



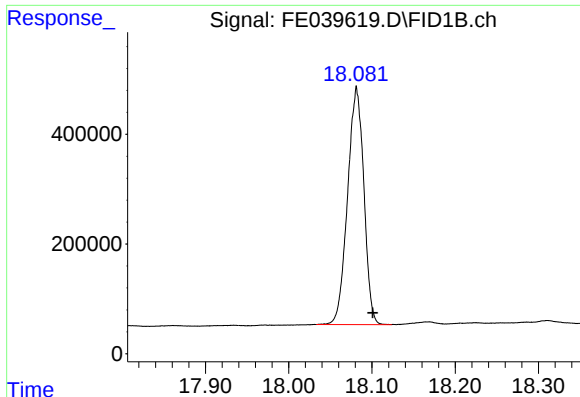
#15 n-Hexacosane (C26)

R.T.: 16.244 min
Delta R.T.: -0.018 min
Response: 6211527
Conc: 47.70 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.194 min
Delta R.T.: -0.018 min
Response: 6087776
Conc: 47.30 ug/ml



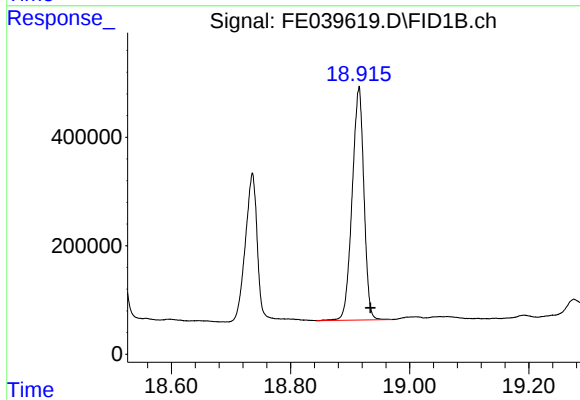
#17 n-Tricontane (C30)

R.T.: 18.081 min
Delta R.T.: -0.020 min
Response: 5876227
Conc: 45.64 ug/ml

Instrument :
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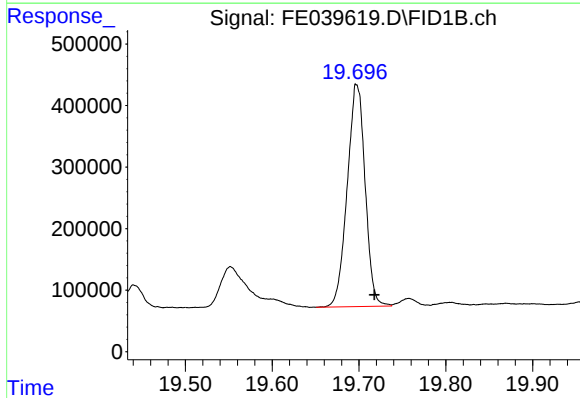
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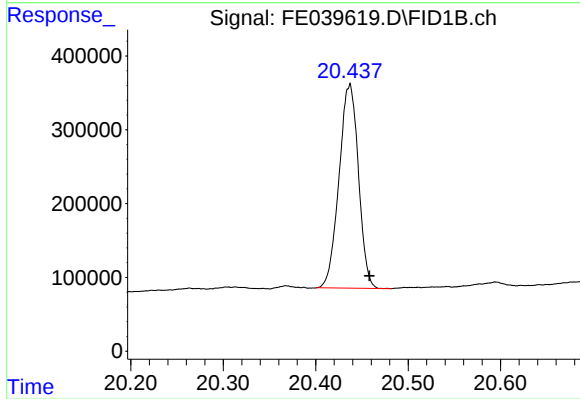
#18 n-Dotriacontane (C32)

R.T.: 18.915 min
Delta R.T.: -0.019 min
Response: 5883765
Conc: 45.43 ug/ml



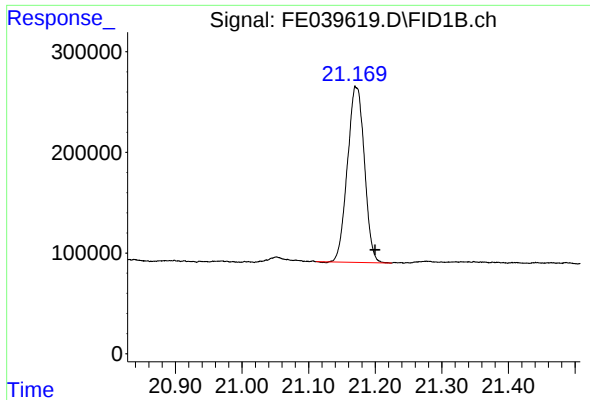
#19 n-Tetratriacontane (C34)

R.T.: 19.697 min
Delta R.T.: -0.020 min
Response: 5182124
Conc: 41.08 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.437 min
Delta R.T.: -0.021 min
Response: 4027360
Conc: 33.31 ug/ml



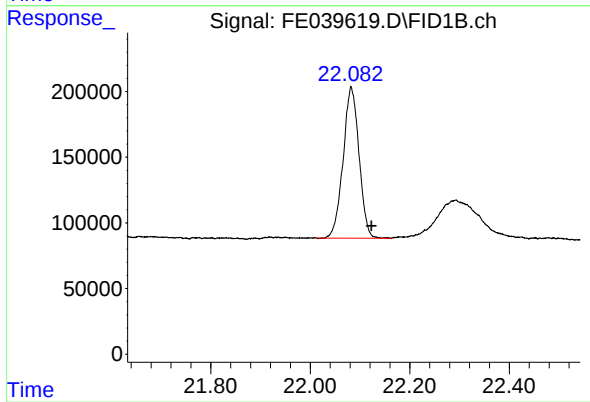
#21 n-Octatriacontane (C38)

R.T.: 21.171 min
Delta R.T.: -0.029 min
Response: 3087798
Conc: 25.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.082 min
Delta R.T.: -0.040 min
Response: 2553888
Conc: 20.34 ug/ml