

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110222AL\
 Data File : FE038516.D
 Signal(s) : FID1B.ch
 Acq On : 02 Nov 2022 22:31
 Operator : YP\AJ
 Sample : N5396-10MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TP-GMSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/03/2022

Supervised By :Ankita Jodhani 11/03/2022

Integration File: autoint1.e

Quant Time: Nov 03 04:25:21 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M

Quant Title : GC Extractables

Qlast Update : Wed Oct 26 04:49:29 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)	11.967	5402342	31.396 ug/ml
Spiked Amount 50.000		Recovery =	62.79%
12) S 1-chlorooctadecane (S...	13.397	4389602	32.064 ug/mlm
Spiked Amount 50.000		Recovery =	64.13%
Target Compounds			
1) T n-Nonane (C9)	3.365	4031354	26.176 ug/ml
2) T n-Decane (C10)	4.613	4499948	28.990 ug/mlm
3) T A~Naphthalene (C11.7)	6.314	5312581	31.370 ug/ml
4) T n-Dodecane (C12)	6.774	5203210	33.308 ug/ml
5) T A~2-methylnaphthalene...	7.408	5434256	32.427 ug/ml
6) T n-Tetradecane (C14)	8.601	5605332	35.842 ug/ml
7) T n-Hexadecane (C16)	10.205	5911888	37.420 ug/ml
8) T n-Octadecane (C18)	11.648	6001118	37.465 ug/ml
10) T n-Eicosane (C20)	12.955	5752773	35.703 ug/ml
11) T n-Heneicosane (C21)	13.565	5631111	34.860 ug/mlm
13) T n-Docosane (C22)	14.152	5606612	34.729 ug/ml
14) T n-Tetracosane (C24)	15.240	10527380	65.633 ug/ml
15) T n-Hexacosane (C26)	16.274	5383295	33.892 ug/ml
16) T n-Octacosane (C28)	17.221	5431574	34.620 ug/ml
17) T n-Tricontane (C30)	18.108	5230727	32.783 ug/mlm
18) T n-Dotriacontane (C32)	18.941	5336482	33.846 ug/ml
19) T n-Tetratriacontane (C34)	19.723	5141011	34.872 ug/mlm
20) T n-Hexatriacontane (C36)	20.461	4938397	34.562 ug/ml
21) T n-Octatriacontane (C38)	21.205	5091633	37.698 ug/ml
22) T n-Tetracontane (C40)	22.133	5361773	42.476 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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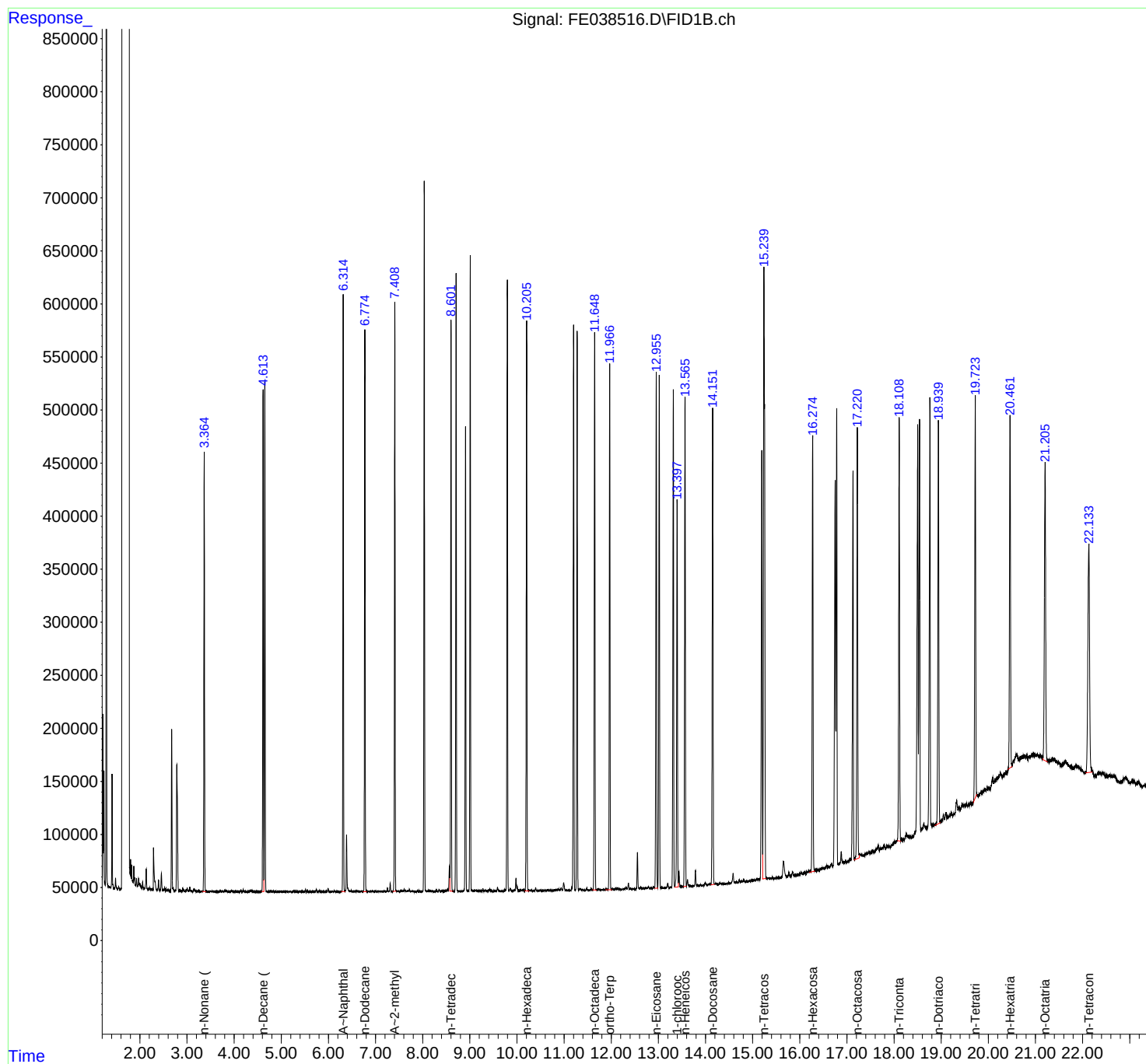
Instrument :
FID_E
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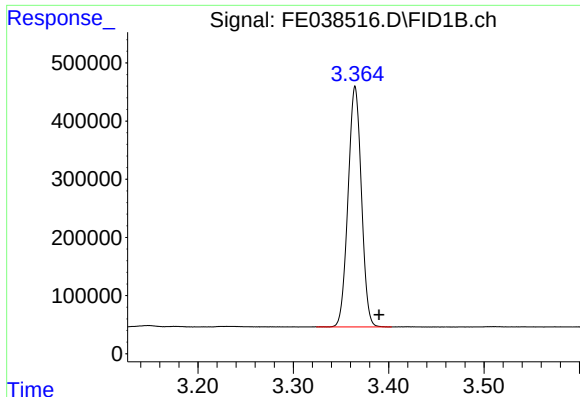
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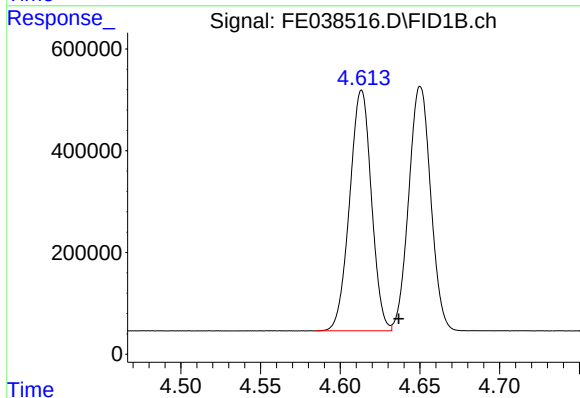
#1 n-Nonane (C9)

R.T.: 3.365 min
Delta R.T.: -0.025 min
Response: 4031354
Conc: 26.18 ug/ml

Instrument :
FID_E
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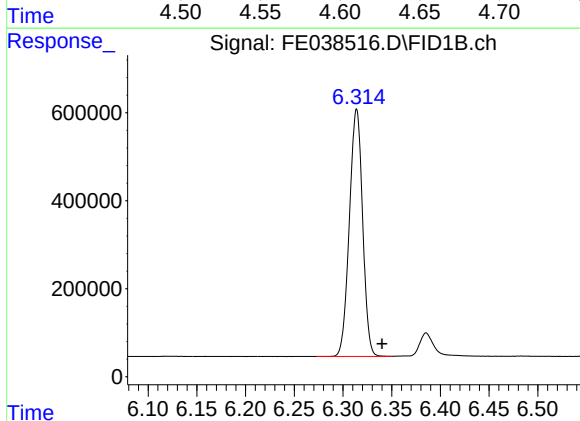
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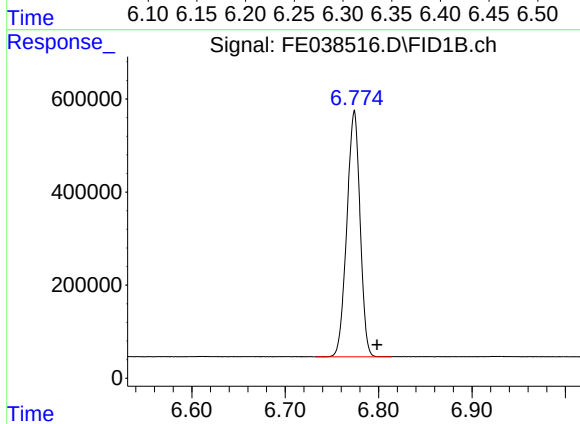
#2 n-Decane (C10)

R.T.: 4.613 min
Delta R.T.: -0.024 min
Response: 4499948
Conc: 28.99 ug/ml m



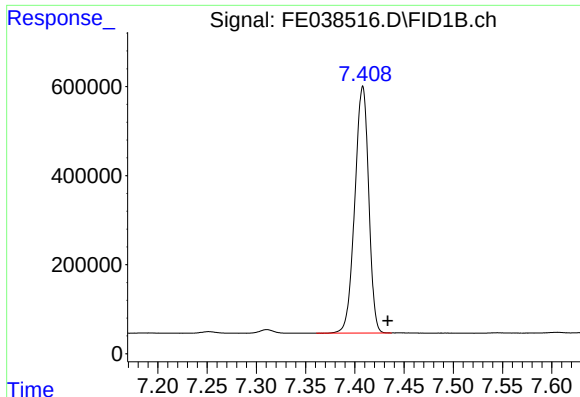
#3 A~Naphthalene (C11.7)

R.T.: 6.314 min
Delta R.T.: -0.026 min
Response: 5312581
Conc: 31.37 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.774 min
Delta R.T.: -0.024 min
Response: 5203210
Conc: 33.31 ug/ml



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

R.T.: 7.408 min
Delta R.T.: -0.025 min
Response: 5434256
Conc: 32.43 ug/ml

Instrument :

FID_E

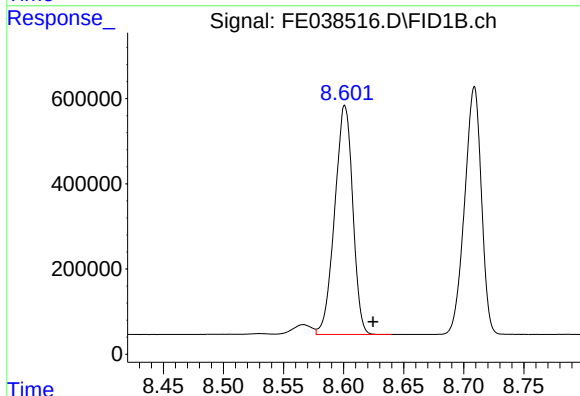
ClientSampleId :

TP-GMSD

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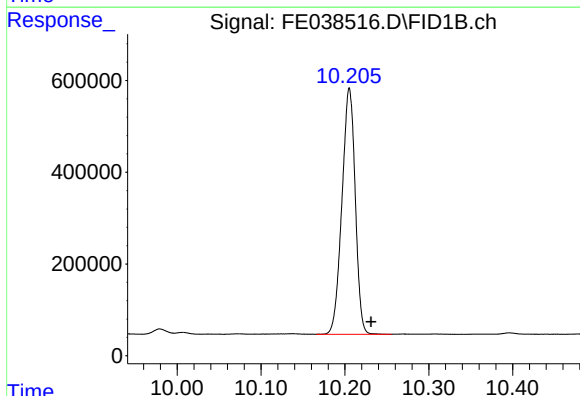
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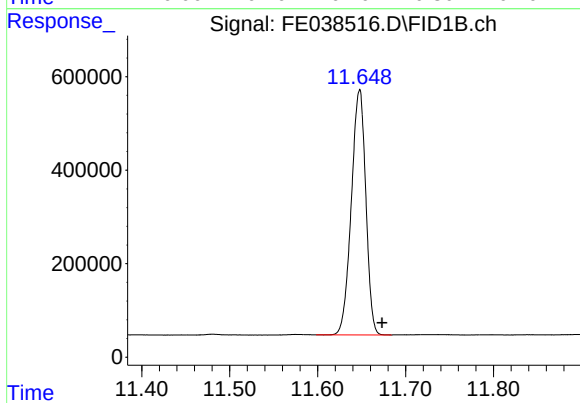
#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: -0.023 min
Response: 5605332
Conc: 35.84 ug/ml



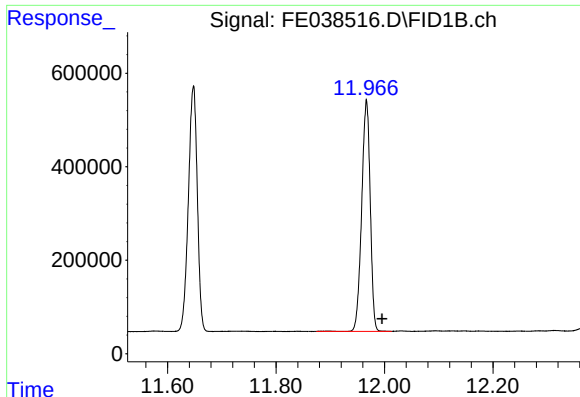
#7 n-Hexadecane (C16)

R.T.: 10.205 min
Delta R.T.: -0.026 min
Response: 5911888
Conc: 37.42 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.648 min
Delta R.T.: -0.026 min
Response: 6001118
Conc: 37.46 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.967 min
Delta R.T.: -0.029 min
Response: 5402342
Conc: 31.40 ug/ml

Instrument :

FID_E

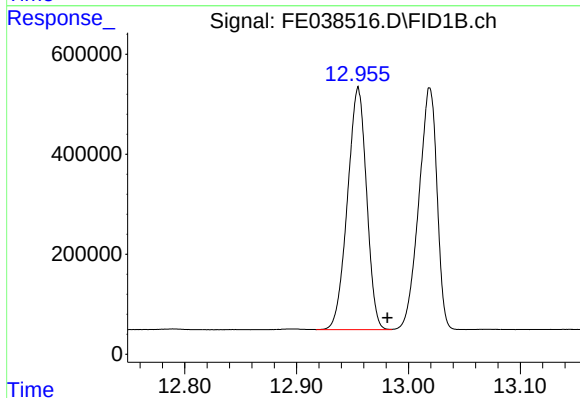
ClientSampleId :

TP-GMSD

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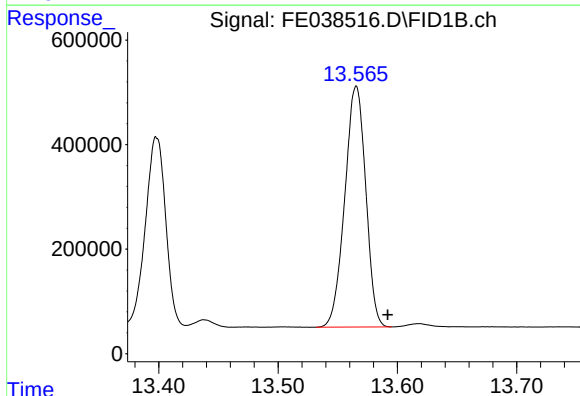
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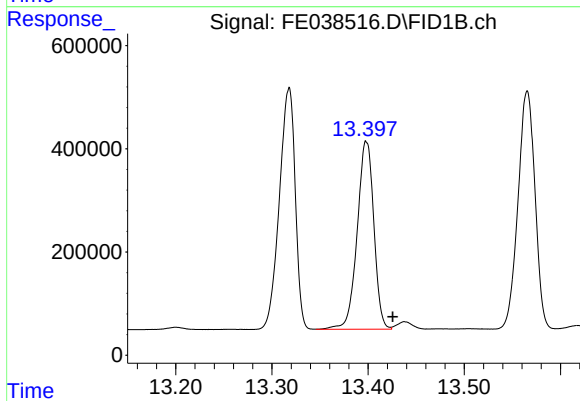
#10 n-Eicosane (C20)

R.T.: 12.955 min
Delta R.T.: -0.026 min
Response: 5752773
Conc: 35.70 ug/ml



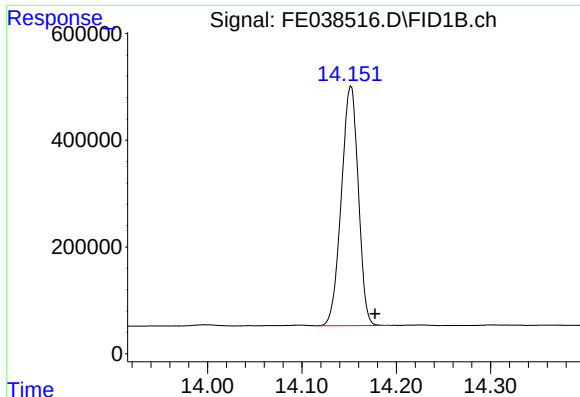
#11 n-Heneicosane (C21)

R.T.: 13.565 min
Delta R.T.: -0.027 min
Response: 5631111
Conc: 34.86 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.397 min
Delta R.T.: -0.029 min
Response: 4389602
Conc: 32.06 ug/ml m



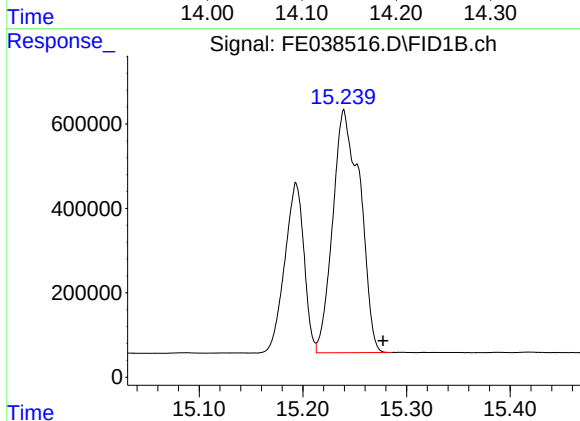
#13 n-Docosane (C22)

R.T.: 14.152 min
Delta R.T.: -0.026 min
Response: 5606612
Conc: 34.73 ug/ml

Instrument :
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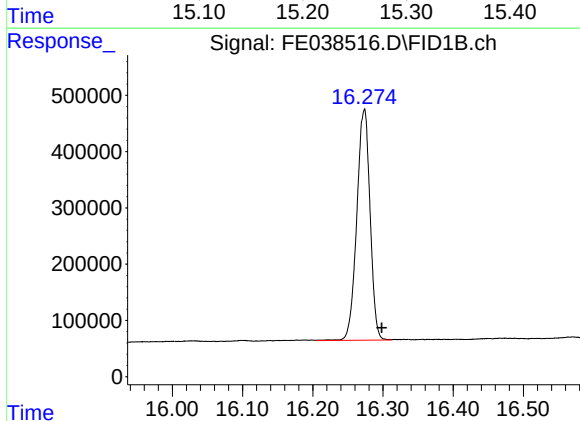
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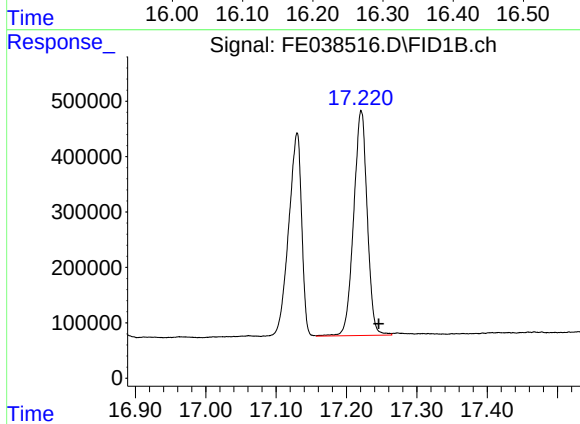
#14 n-Tetracosane (C24)

R.T.: 15.240 min
Delta R.T.: -0.038 min
Response: 10527380
Conc: 65.63 ug/ml



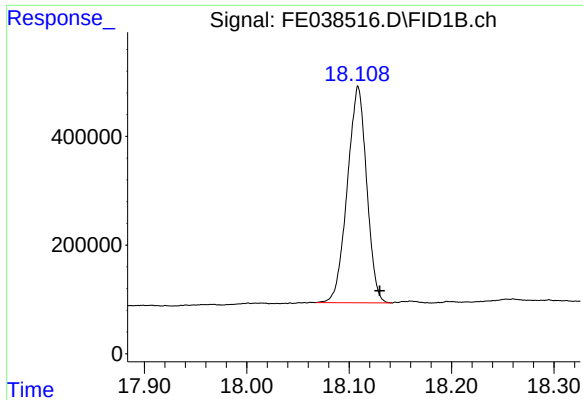
#15 n-Hexacosane (C26)

R.T.: 16.274 min
Delta R.T.: -0.025 min
Response: 5383295
Conc: 33.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.221 min
Delta R.T.: -0.025 min
Response: 5431574
Conc: 34.62 ug/ml



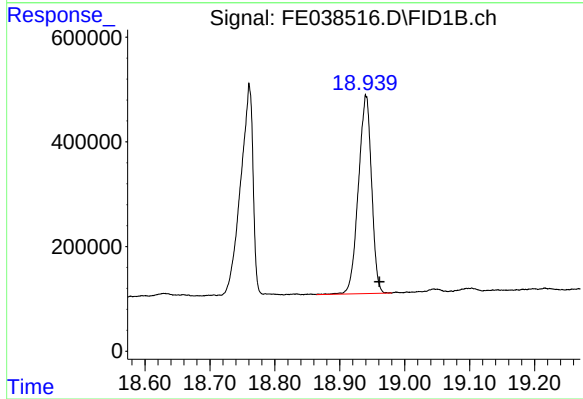
#17 n-Tricontane (C30)

R.T.: 18.108 min
Delta R.T.: -0.022 min
Response: 5230727
Conc: 32.78 ug/ml

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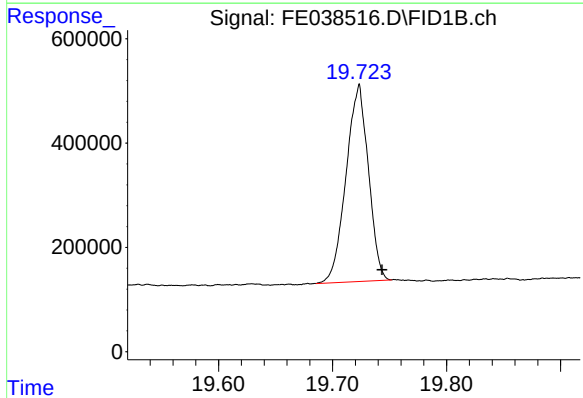
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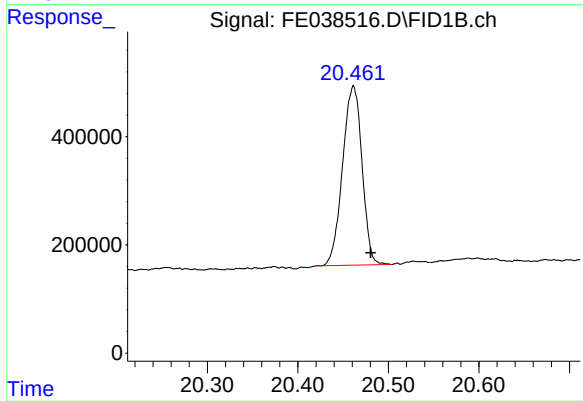
#18 n-Dotriacontane (C32)

R.T.: 18.941 min
Delta R.T.: -0.021 min
Response: 5336482
Conc: 33.85 ug/ml



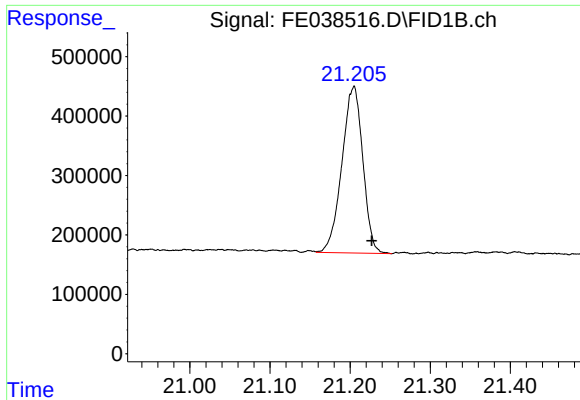
#19 n-Tetratriacontane (C34)

R.T.: 19.723 min
Delta R.T.: -0.020 min
Response: 5141011
Conc: 34.87 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.461 min
Delta R.T.: -0.019 min
Response: 4938397
Conc: 34.56 ug/ml



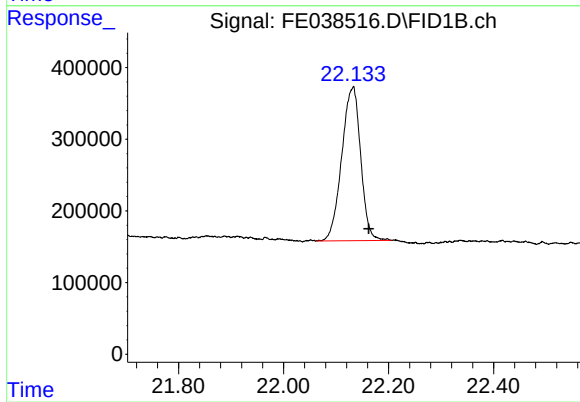
#21 n-Octatriacontane (C38)

R.T.: 21.205 min
Delta R.T.: -0.022 min
Response: 5091633
Conc: 37.70 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.133 min
Delta R.T.: -0.029 min
Response: 5361773
Conc: 42.48 ug/ml