

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010323AL\
 Data File : FE039620.D
 Signal(s) : FID1B.ch
 Acq On : 03 Jan 2023 20:05
 Operator : YP\AJ
 Sample : 01002-05MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 3MSD

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 03:19:46 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)	11.928	4018183	26.926 ug/ml
Spiked Amount 50.000		Recovery =	53.85%
12) S 1-chlorooctadecane (S...	13.364	2728980	23.710 ug/ml
Spiked Amount 50.000		Recovery =	47.42%
Target Compounds			
1) T n-Nonane (C9)	3.337	5701108	44.106 ug/ml
2) T n-Decane (C10)	4.580	5999421	47.084 ug/ml
3) T A~Naphthalene (C11.7)	6.277	5371637	37.159 ug/ml
4) T n-Dodecane (C12)	6.738	6413943	49.405 ug/ml
5) T A~2-methylnaphthalene...	7.371	5240387	38.694 ug/ml
6) T n-Tetradecane (C14)	8.564	6513737	49.156 ug/ml
7) T n-Hexadecane (C16)	10.169	6852108	49.807 ug/ml
8) T n-Octadecane (C18)	11.613	7256960	51.813 ug/ml
10) T n-Eicosane (C20)	12.922	6905491	50.587 ug/ml
11) T n-Heneicosane (C21)	13.533	6908519	50.652 ug/mlm
13) T n-Docosane (C22)	14.120	6852248	50.654 ug/ml
14) T n-Tetracosane (C24)	15.222	5405787	40.270 ug/mlm
15) T n-Hexacosane (C26)	16.244	6626388	50.890 ug/ml
16) T n-Octacosane (C28)	17.194	6499235	50.498 ug/ml
17) T n-Tricontane (C30)	18.082	6273970	48.730 ug/mlm
18) T n-Dotriacontane (C32)	18.915	6316265	48.774 ug/ml
19) T n-Tetratriacontane (C34)	19.699	5591008	44.316 ug/ml
20) T n-Hexatriacontane (C36)	20.437	4328732	35.799 ug/ml
21) T n-Octatriacontane (C38)	21.173	3393757	27.480 ug/ml
22) T n-Tetracontane (C40)	22.082	2784641	22.174 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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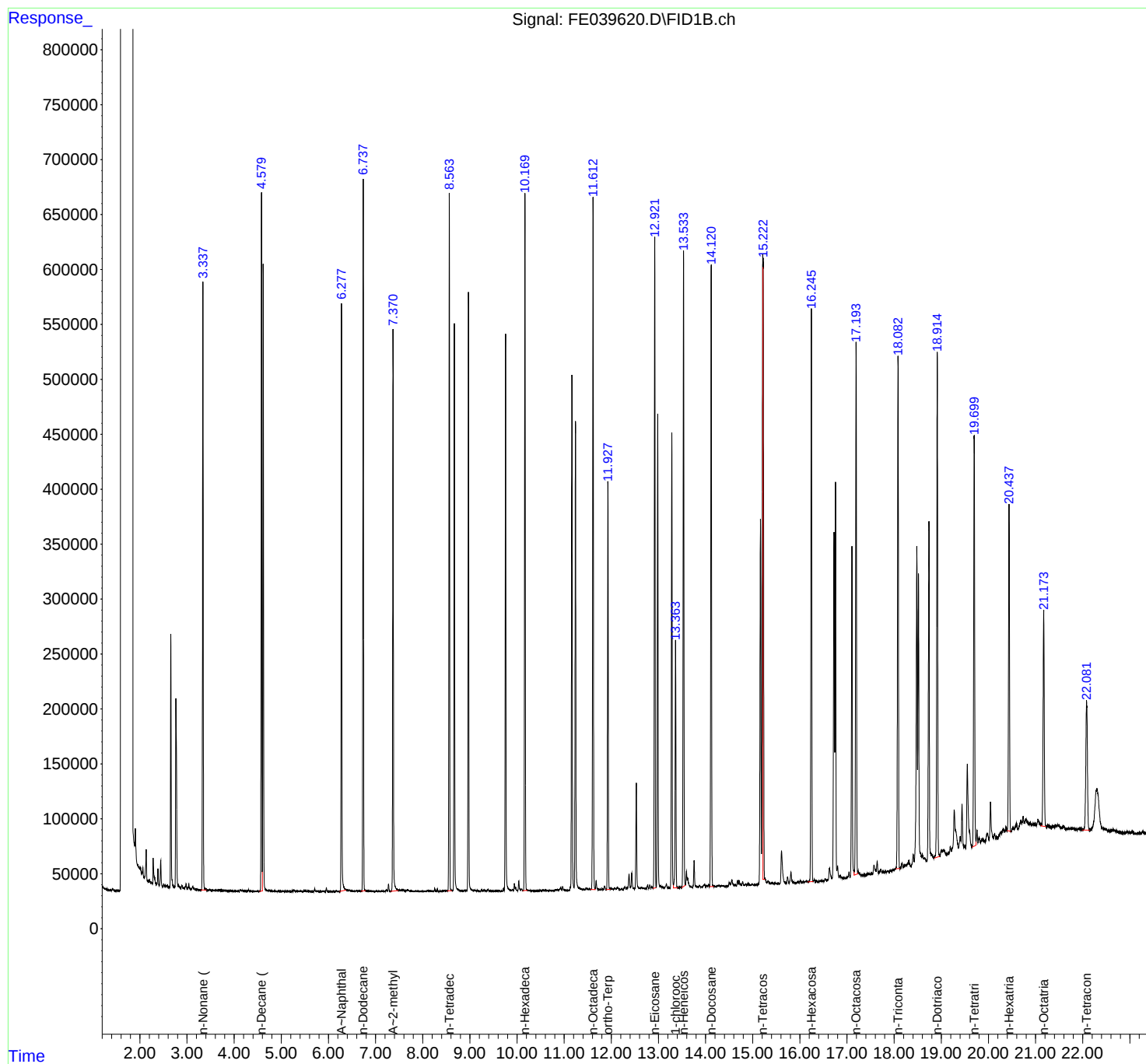
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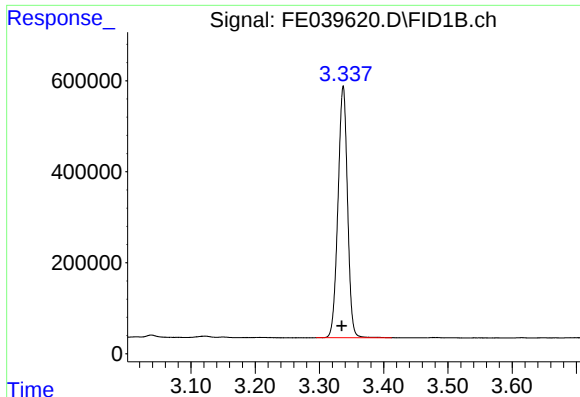
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#1 n-Nonane (C9)

R.T.: 3.337 min
Delta R.T.: 0.002 min
Response: 5701108
Conc: 44.11 ug/ml

Instrument :

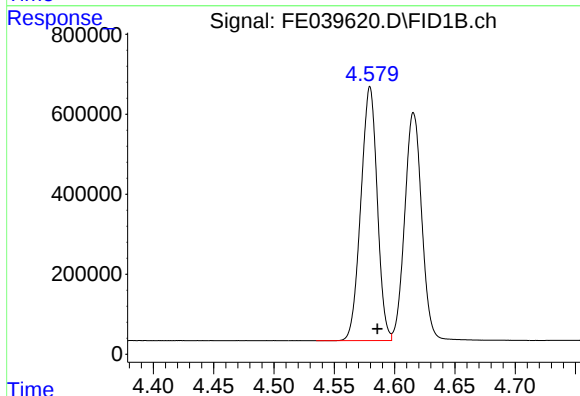
FID_E

ClientSampleId :

3MSD

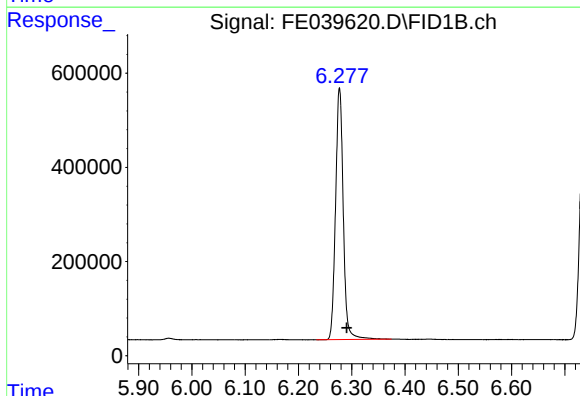
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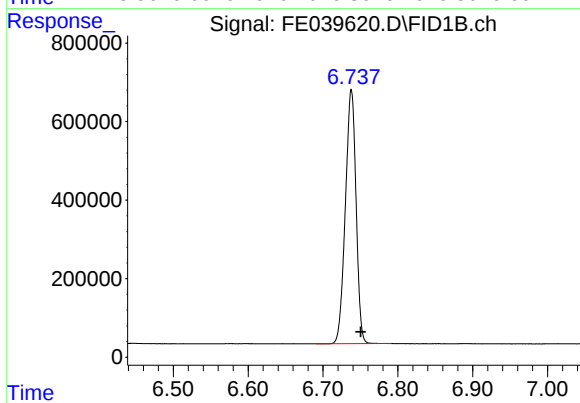
#2 n-Decane (C10)

R.T.: 4.580 min
Delta R.T.: -0.006 min
Response: 5999421
Conc: 47.08 ug/ml



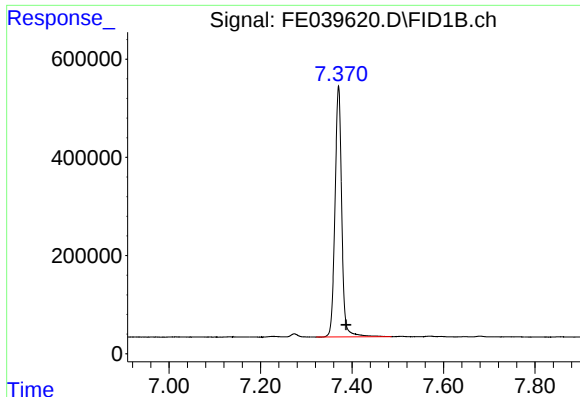
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: -0.014 min
Response: 5371637
Conc: 37.16 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.738 min
Delta R.T.: -0.012 min
Response: 6413943
Conc: 49.40 ug/ml



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

R.T.: 7.371 min
Delta R.T.: -0.016 min
Response: 5240387
Conc: 38.69 ug/ml

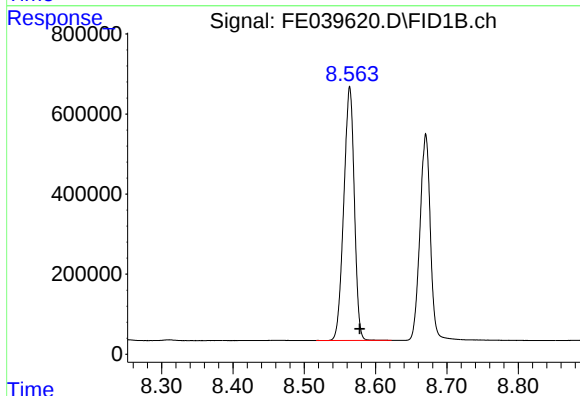
Instrument :

FID_E

ClientSampleId :
3MSD

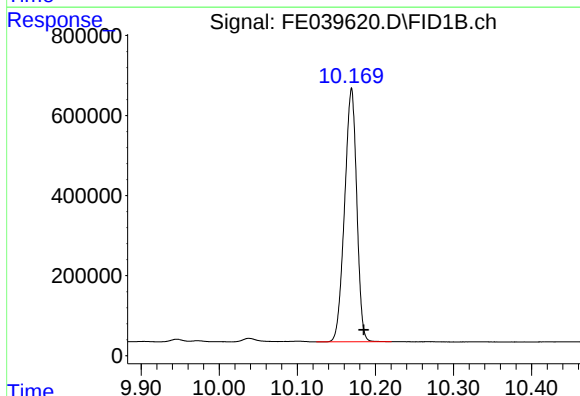
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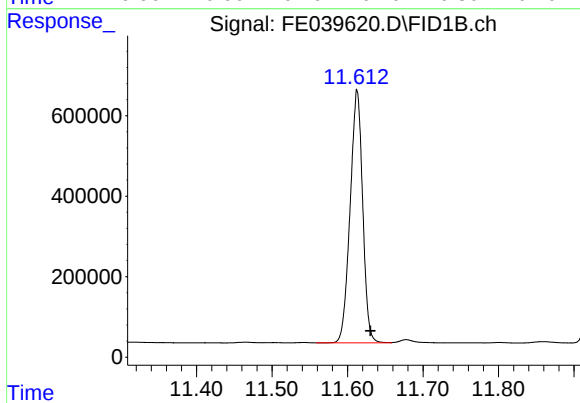
#6 n-Tetradecane (C14)

R.T.: 8.564 min
Delta R.T.: -0.014 min
Response: 6513737
Conc: 49.16 ug/ml



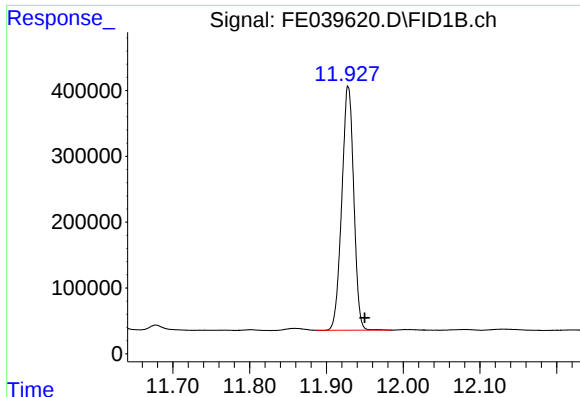
#7 n-Hexadecane (C16)

R.T.: 10.169 min
Delta R.T.: -0.016 min
Response: 6852108
Conc: 49.81 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.613 min
Delta R.T.: -0.018 min
Response: 7256960
Conc: 51.81 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.928 min
Delta R.T.: -0.021 min
Response: 4018183
Conc: 26.93 ug/ml

Instrument :

FID_E

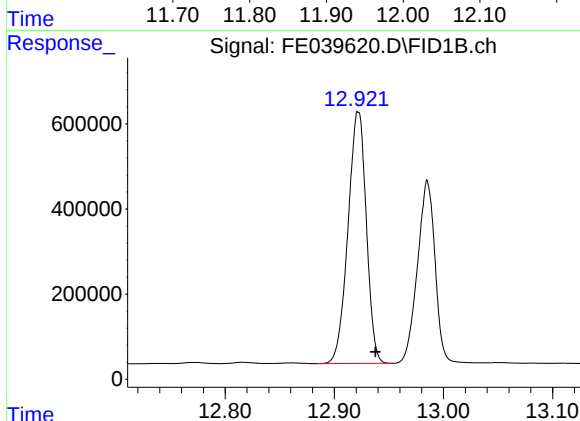
ClientSampleId :

3MSD

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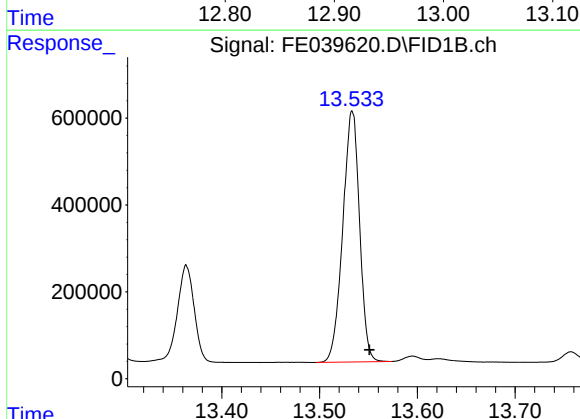
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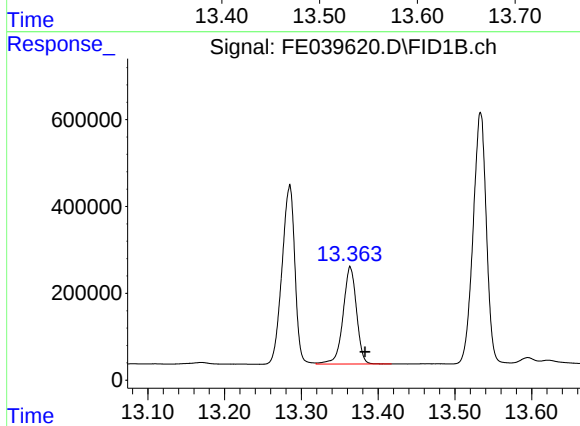
#10 n-Eicosane (C20)

R.T.: 12.922 min
Delta R.T.: -0.016 min
Response: 6905491
Conc: 50.59 ug/ml



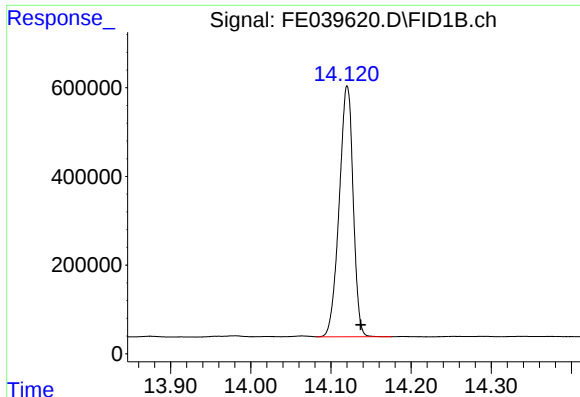
#11 n-Heneicosane (C21)

R.T.: 13.533 min
Delta R.T.: -0.018 min
Response: 6908519
Conc: 50.65 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.364 min
Delta R.T.: -0.019 min
Response: 2728980
Conc: 23.71 ug/ml



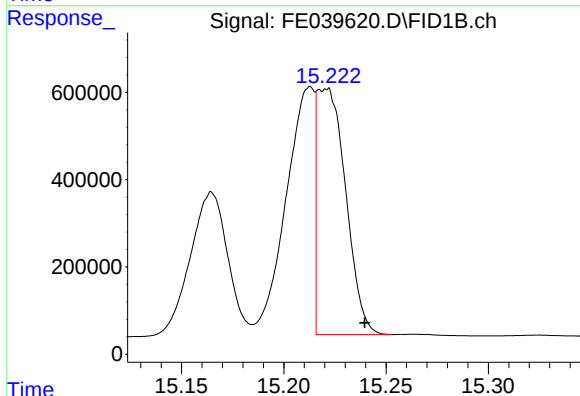
#13 n-Docosane (C22)

R.T.: 14.120 min
Delta R.T.: -0.017 min
Response: 6852248
Conc: 50.65 ug/ml

Instrument :
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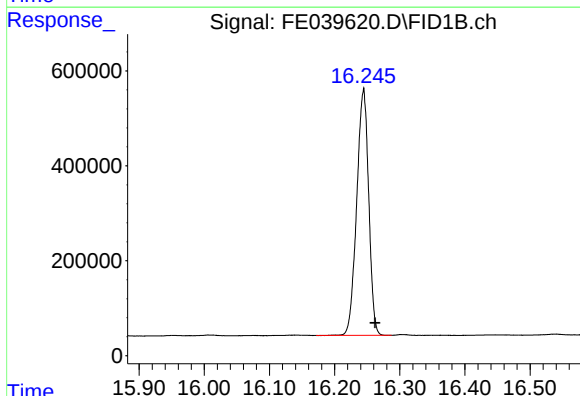
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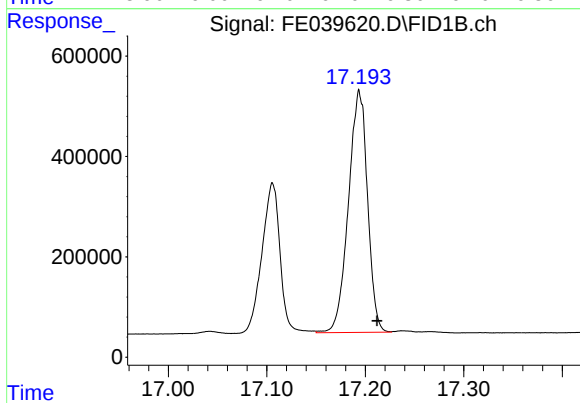
#14 n-Tetracosane (C24)

R.T.: 15.222 min
Delta R.T.: -0.018 min
Response: 5405787
Conc: 40.27 ug/ml m



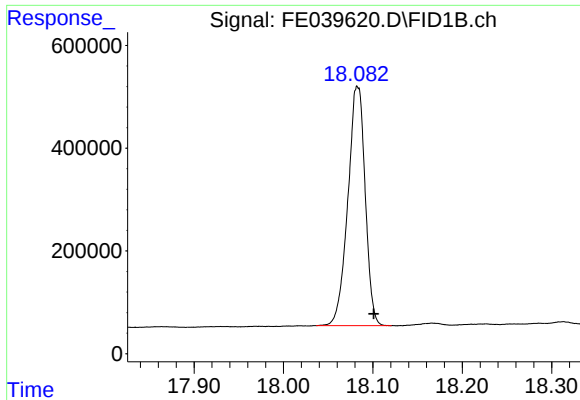
#15 n-Hexacosane (C26)

R.T.: 16.244 min
Delta R.T.: -0.018 min
Response: 6626388
Conc: 50.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.194 min
Delta R.T.: -0.018 min
Response: 6499235
Conc: 50.50 ug/ml



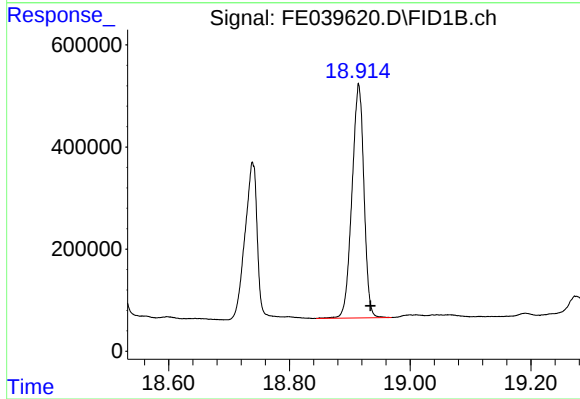
#17 n-Tricontane (C30)

R.T.: 18.082 min
Delta R.T.: -0.019 min
Response: 6273970
Conc: 48.73 ug/ml

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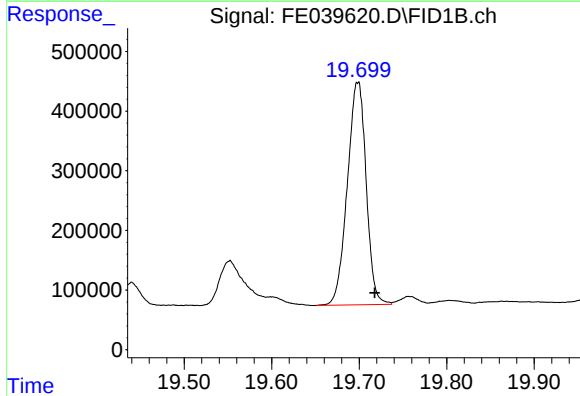
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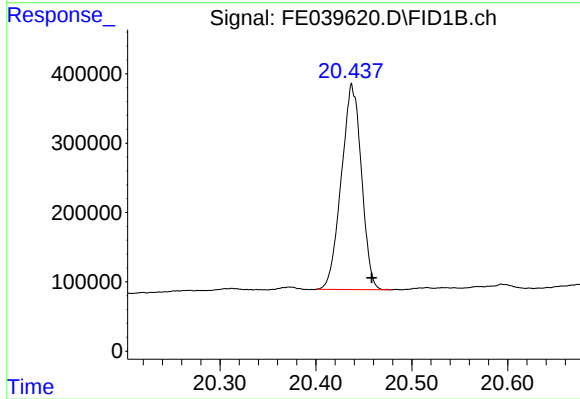
#18 n-Dotriacontane (C32)

R.T.: 18.915 min
Delta R.T.: -0.019 min
Response: 6316265
Conc: 48.77 ug/ml



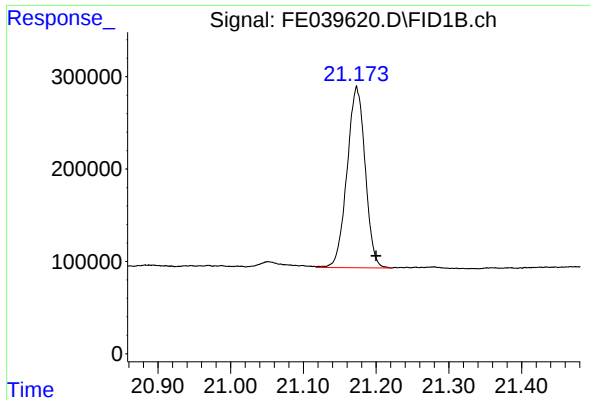
#19 n-Tetratriacontane (C34)

R.T.: 19.699 min
Delta R.T.: -0.019 min
Response: 5591008
Conc: 44.32 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.437 min
Delta R.T.: -0.021 min
Response: 4328732
Conc: 35.80 ug/ml



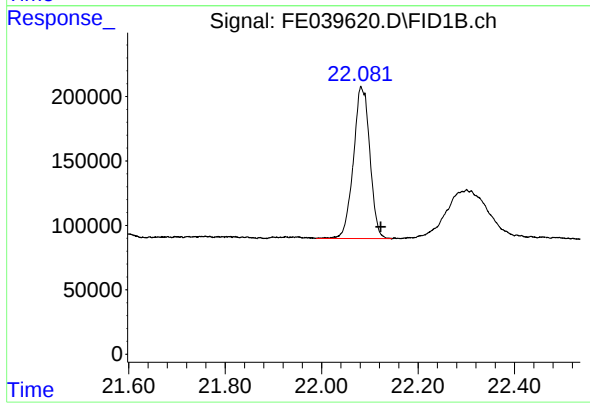
#21 n-Octatriacontane (C38)

R.T.: 21.173 min
Delta R.T.: -0.026 min
Response: 3393757
Conc: 27.48 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.082 min
Delta R.T.: -0.041 min
Response: 2784641
Conc: 22.17 ug/ml