

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103123AL\
 Data File : FE045105.D
 Signal(s) : FID1B.ch
 Acq On : 31 Oct 2023 15:48
 Operator : YP\AJ
 Sample : PB156749BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB156749BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/01/2023
 Supervised By :mohammad ahmed 11/01/2023

Integration File: autoint1.e
 Quant Time: Oct 31 23:54:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 2023
 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)	11.895	6773337	33.788 ug/ml
Spiked Amount 50.000		Recovery =	67.58%
12) S 1-chlorooctadecane (S...	13.337	5149236	34.795 ug/ml
Spiked Amount 50.000		Recovery =	69.59%
Target Compounds			
1) T n-Nonane (C9)	3.291	6608624	39.395 ug/ml
2) T n-Decane (C10)	4.537	7283760	42.758 ug/ml
3) T A~Naphthalene (C11.7)	6.233	7957724	42.987 ug/ml
4) T n-Dodecane (C12)	6.698	7690268	44.550 ug/ml
5) T A~2-methylnaphthalene...	7.328	7726840	42.834 ug/ml
6) T n-Tetradecane (C14)	8.526	7650033	44.612 ug/ml
7) T n-Hexadecane (C16)	10.135	7570799	43.294 ug/ml
8) T n-Octadecane (C18)	11.582	7517803	43.103 ug/ml
10) T n-Eicosane (C20)	12.893	7398351	44.294 ug/ml
11) T n-Heneicosane (C21)	13.506	7032066	43.138 ug/ml
13) T n-Docosane (C22)	14.094	6935800	43.361 ug/ml
14) T n-Tetracosane (C24)	15.182	13648928	87.946 ug/mlm
15) T n-Hexacosane (C26)	16.226	6651023	44.300 ug/ml
16) T n-Octacosane (C28)	17.176	6756831	46.014 ug/ml
17) T n-Tricontane (C30)	18.068	6696160	45.022 ug/ml
18) T n-Dotriacontane (C32)	18.901	6853736	45.663 ug/ml
19) T n-Tetratriacontane (C34)	19.686	6831237	45.889 ug/ml
20) T n-Hexatriacontane (C36)	20.428	6754170	43.932 ug/ml
21) T n-Octatriacontane (C38)	21.168	6928001	44.351 ug/mlm
22) T n-Tetracontane (C40)	22.086	6972795	41.723 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 13 Sample Multiplier: 1

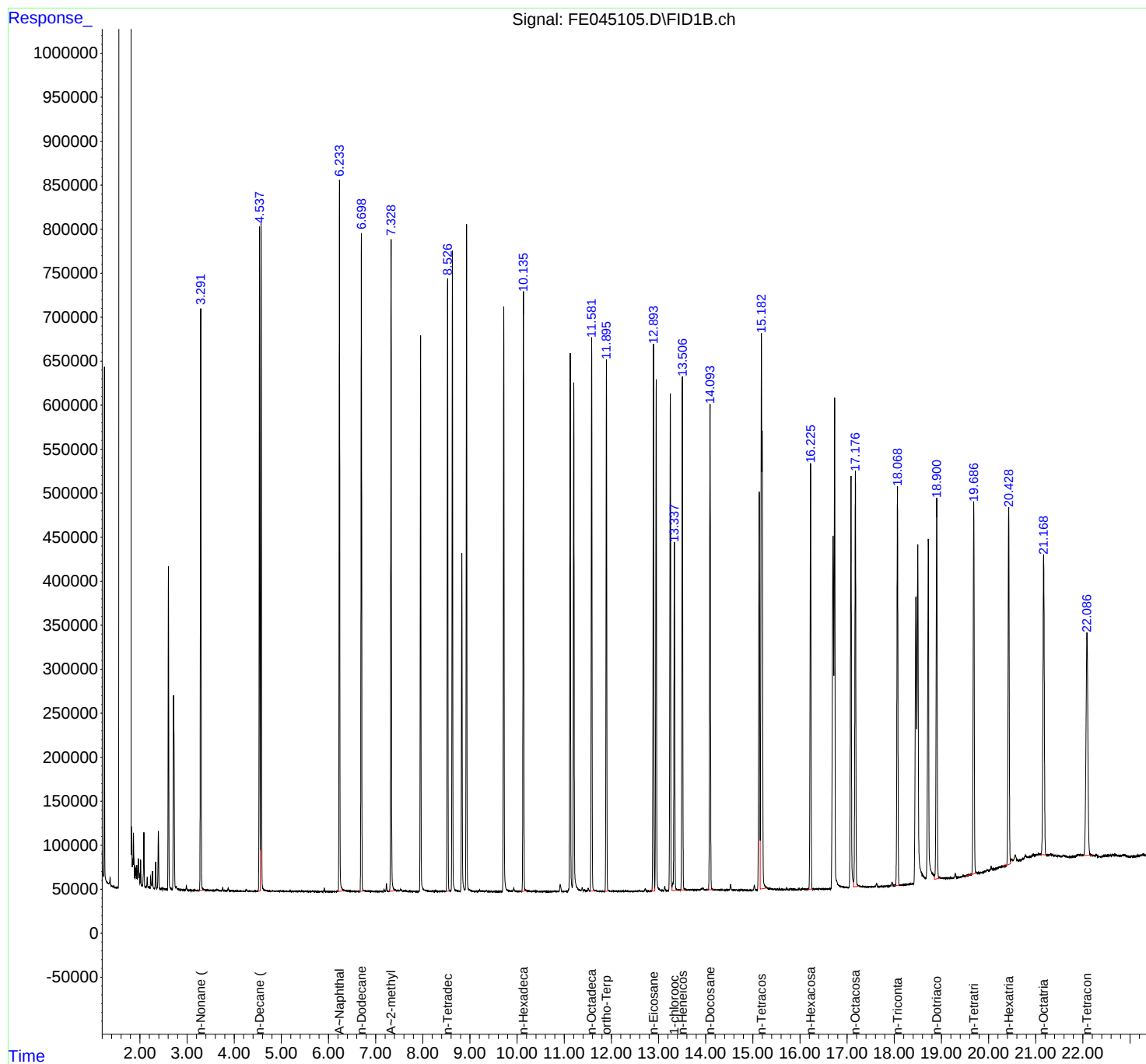
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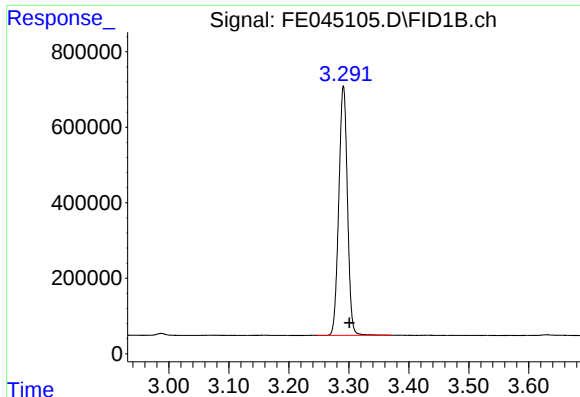
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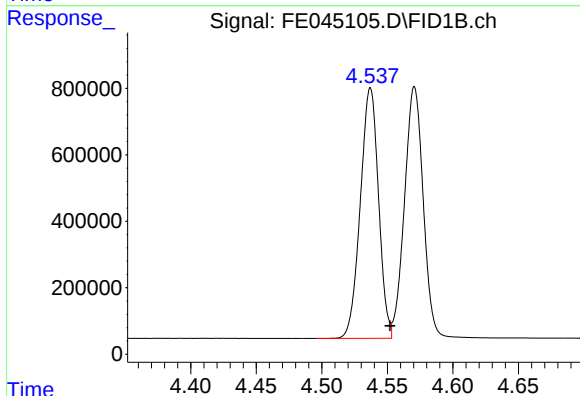
#1 n-Nonane (C9)

R.T.: 3.291 min
Delta R.T.: -0.010 min
Response: 6608624
Conc: 39.40 ug/ml

Instrument :
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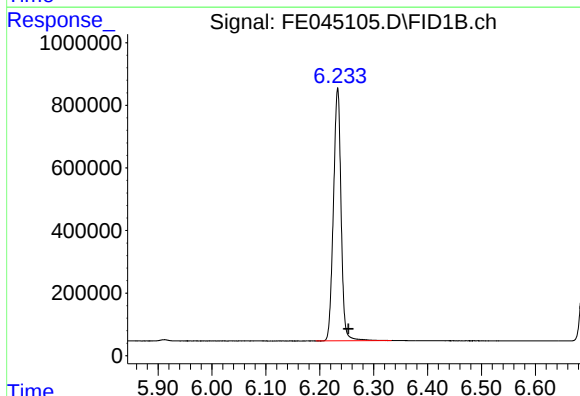
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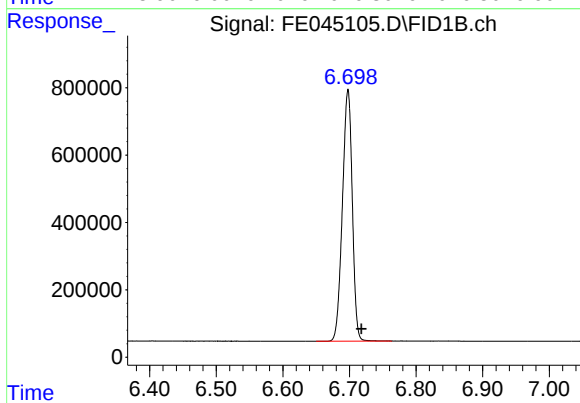
#2 n-Decane (C10)

R.T.: 4.537 min
Delta R.T.: -0.015 min
Response: 7283760
Conc: 42.76 ug/ml



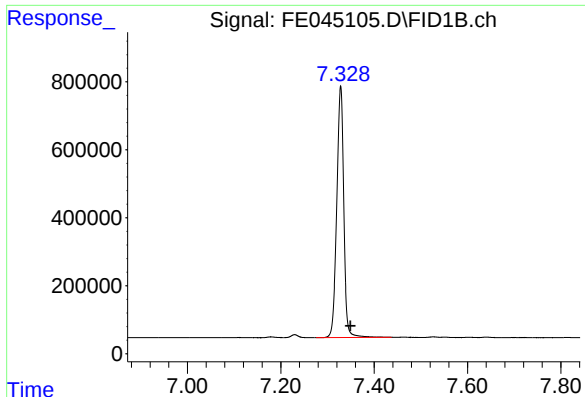
#3 A~Naphthalene (C11.7)

R.T.: 6.233 min
Delta R.T.: -0.020 min
Response: 7957724
Conc: 42.99 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.698 min
Delta R.T.: -0.020 min
Response: 7690268
Conc: 44.55 ug/ml



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

R.T.: 7.328 min
Delta R.T.: -0.020 min
Response: 7726840
Conc: 42.83 ug/ml

Instrument :

FID_E

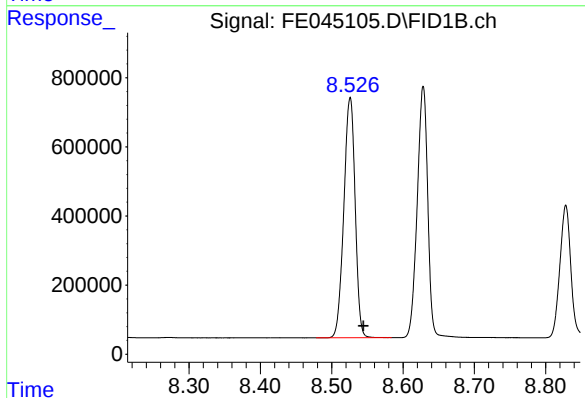
ClientSampleId :

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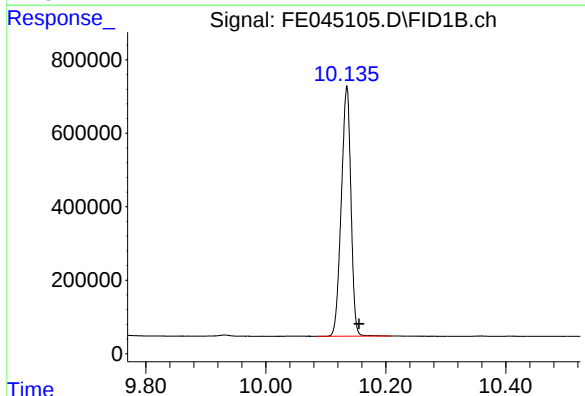
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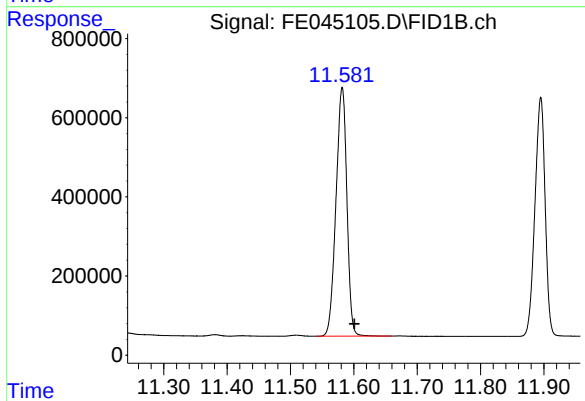
#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: -0.018 min
Response: 7650033
Conc: 44.61 ug/ml



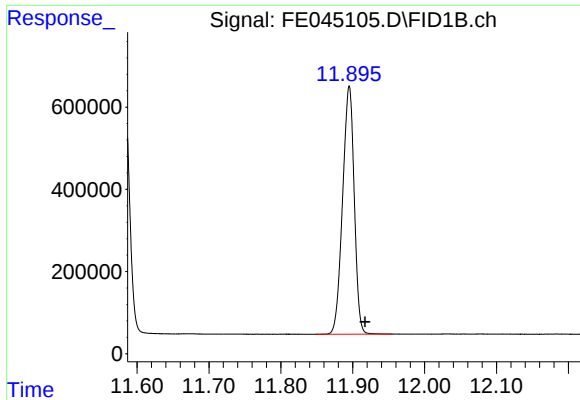
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: -0.020 min
Response: 7570799
Conc: 43.29 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.582 min
Delta R.T.: -0.019 min
Response: 7517803
Conc: 43.10 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.895 min
Delta R.T.: -0.022 min
Response: 6773337
Conc: 33.79 ug/ml

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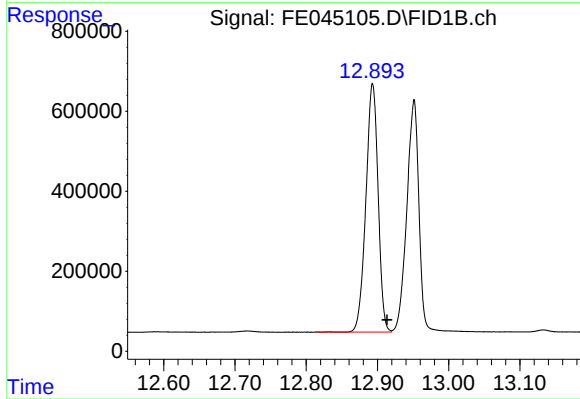
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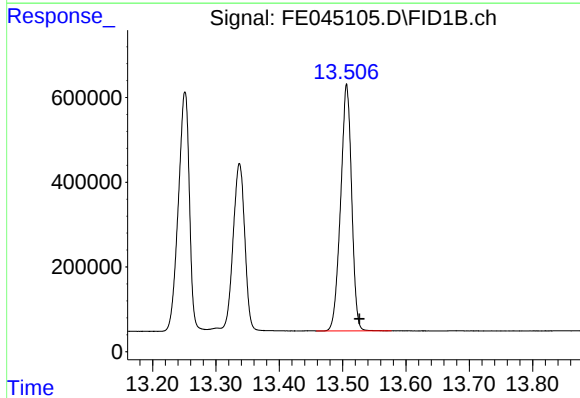
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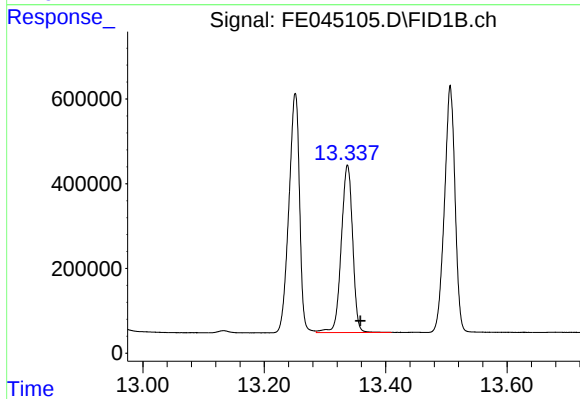
#10 n-Eicosane (C20)

R.T.: 12.893 min
Delta R.T.: -0.020 min
Response: 7398351
Conc: 44.29 ug/ml



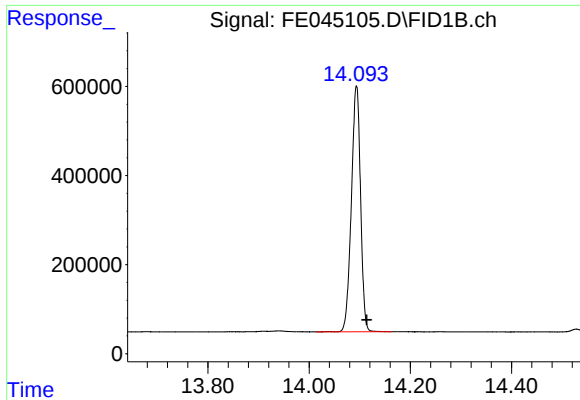
#11 n-Heneicosane (C21)

R.T.: 13.506 min
Delta R.T.: -0.020 min
Response: 7032066
Conc: 43.14 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.337 min
Delta R.T.: -0.021 min
Response: 5149236
Conc: 34.80 ug/ml



#13 n-Docosane (C22)

R.T.: 14.094 min
Delta R.T.: -0.020 min
Response: 6935800
Conc: 43.36 ug/ml

Instrument :

FID_E

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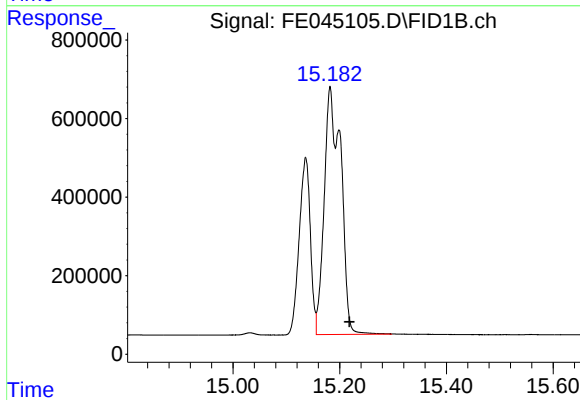
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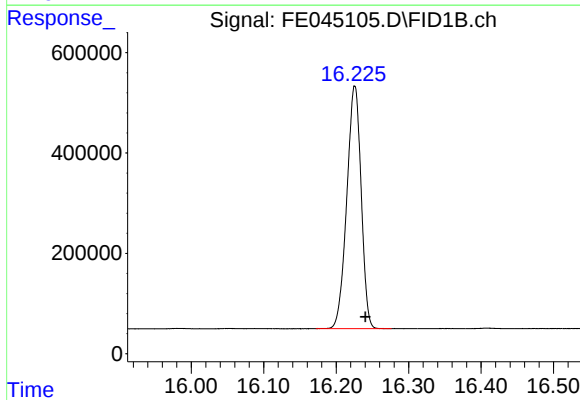
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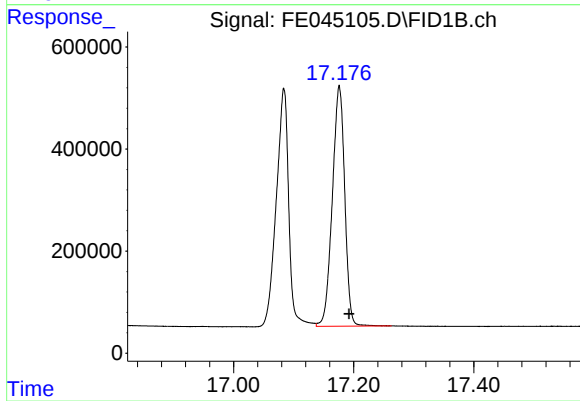
#14 n-Tetracosane (C24)

R.T.: 15.182 min
Delta R.T.: -0.037 min
Response: 13648928
Conc: 87.95 ug/ml m



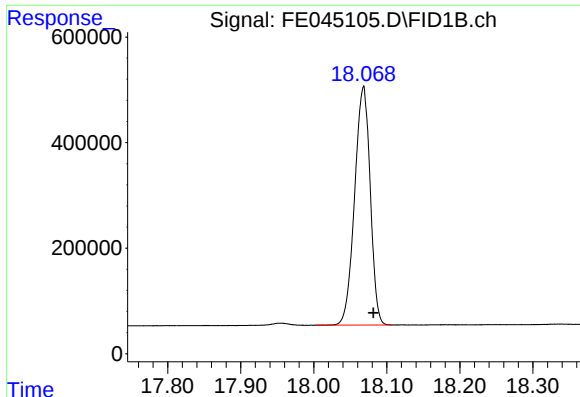
#15 n-Hexacosane (C26)

R.T.: 16.226 min
Delta R.T.: -0.015 min
Response: 6651023
Conc: 44.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.176 min
Delta R.T.: -0.016 min
Response: 6756831
Conc: 46.01 ug/ml



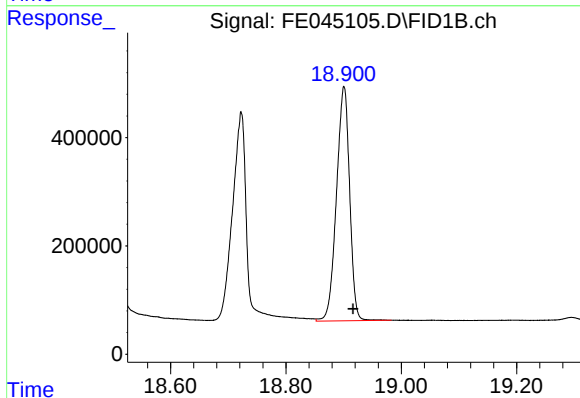
#17 n-Tricontane (C30)

R.T.: 18.068 min
Delta R.T.: -0.014 min
Response: 6696160
Conc: 45.02 ug/ml

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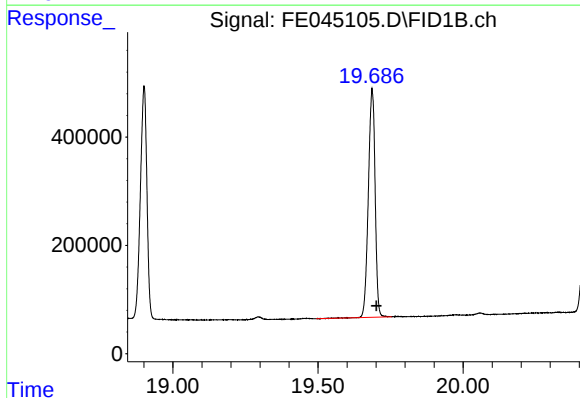
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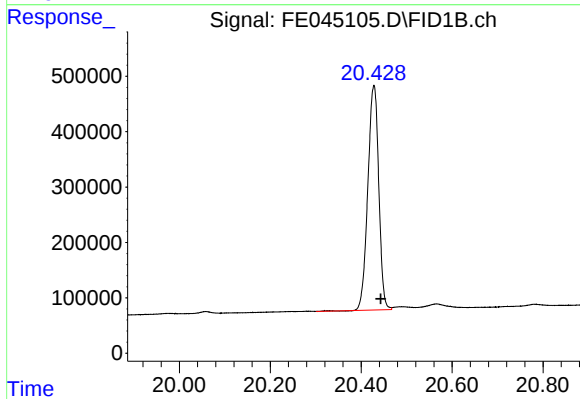
#18 n-Dotriacontane (C32)

R.T.: 18.901 min
Delta R.T.: -0.015 min
Response: 6853736
Conc: 45.66 ug/ml



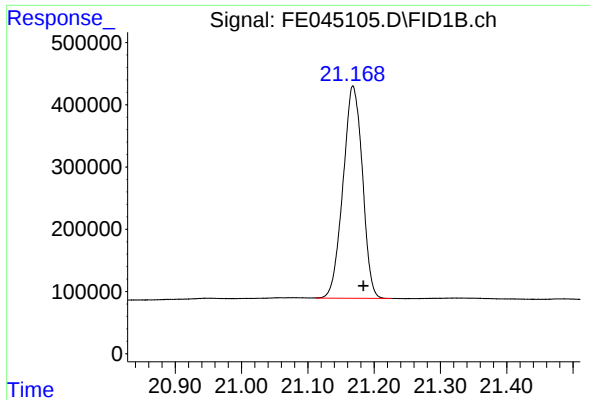
#19 n-Tetratriacontane (C34)

R.T.: 19.686 min
Delta R.T.: -0.015 min
Response: 6831237
Conc: 45.89 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.428 min
Delta R.T.: -0.015 min
Response: 6754170
Conc: 43.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.168 min
Delta R.T.: -0.016 min
Response: 6928001
Conc: 44.35 ug/ml

Instrument :

FID_E

ClientSampleId :

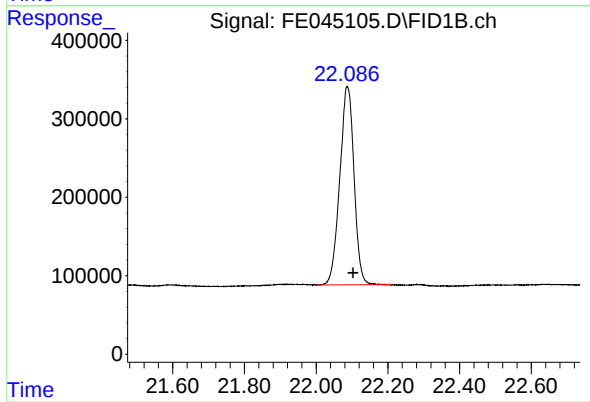
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#22 n-Tetracontane (C40)

R.T.: 22.086 min
Delta R.T.: -0.017 min
Response: 6972795
Conc: 41.72 ug/ml m