

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070623AL\
 Data File : FE043113.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jul 2023 18:03
 Operator : YP\AJ
 Sample : 03514-04MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

CP-5MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :Ankita Jodhani 07/07/2023

Integration File: autoint1.e

Quant Time: Jul 07 02:09:50 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M

Quant Title : GC Extractables

QLast Update : Wed Jun 21 11:03:59 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)	11.905	5224171	28.438 ug/ml
Spiked Amount 50.000		Recovery =	56.88%
12) S 1-chlorooctadecane (S...	13.341	4375653	32.152 ug/ml
Spiked Amount 50.000		Recovery =	64.30%
Target Compounds			
1) T n-Nonane (C9)	3.284	4009574	25.957 ug/ml
2) T n-Decane (C10)	4.536	4506063	28.527 ug/mlm
3) T A~Naphthalene (C11.7)	6.244	5457761	32.233 ug/ml
4) T n-Dodecane (C12)	6.706	5283599	33.009 ug/ml
5) T A~2-methylnaphthalene...	7.342	5677956	35.020 ug/ml
6) T n-Tetradecane (C14)	8.537	5879524	36.943 ug/ml
7) T n-Hexadecane (C16)	10.143	6113446	37.119 ug/ml
8) T n-Octadecane (C18)	11.586	6367382	38.308 ug/ml
10) T n-Eicosane (C20)	12.896	6109406	38.501 ug/ml
11) T n-Heneicosane (C21)	13.507	5993574	38.740 ug/ml
13) T n-Docosane (C22)	14.094	5900135	38.733 ug/ml
14) T n-Tetracosane (C24)	15.189	11271826	75.969 ug/ml
15) T n-Hexacosane (C26)	16.219	5584001	39.059 ug/ml
16) T n-Octacosane (C28)	17.168	5405049	38.971 ug/ml
17) T n-Tricontane (C30)	18.057	5409646	38.250 ug/ml
18) T n-Dotriacontane (C32)	18.889	5276964	37.623 ug/ml
19) T n-Tetratriacontane (C34)	19.671	5020425	36.687 ug/ml
20) T n-Hexatriacontane (C36)	20.411	5170562	38.662 ug/ml
21) T n-Octatriacontane (C38)	21.151	4910724	36.018 ug/ml
22) T n-Tetracontane (C40)	22.064	5367393	38.579 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
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ALS Vial : 19 Sample Multiplier: 1

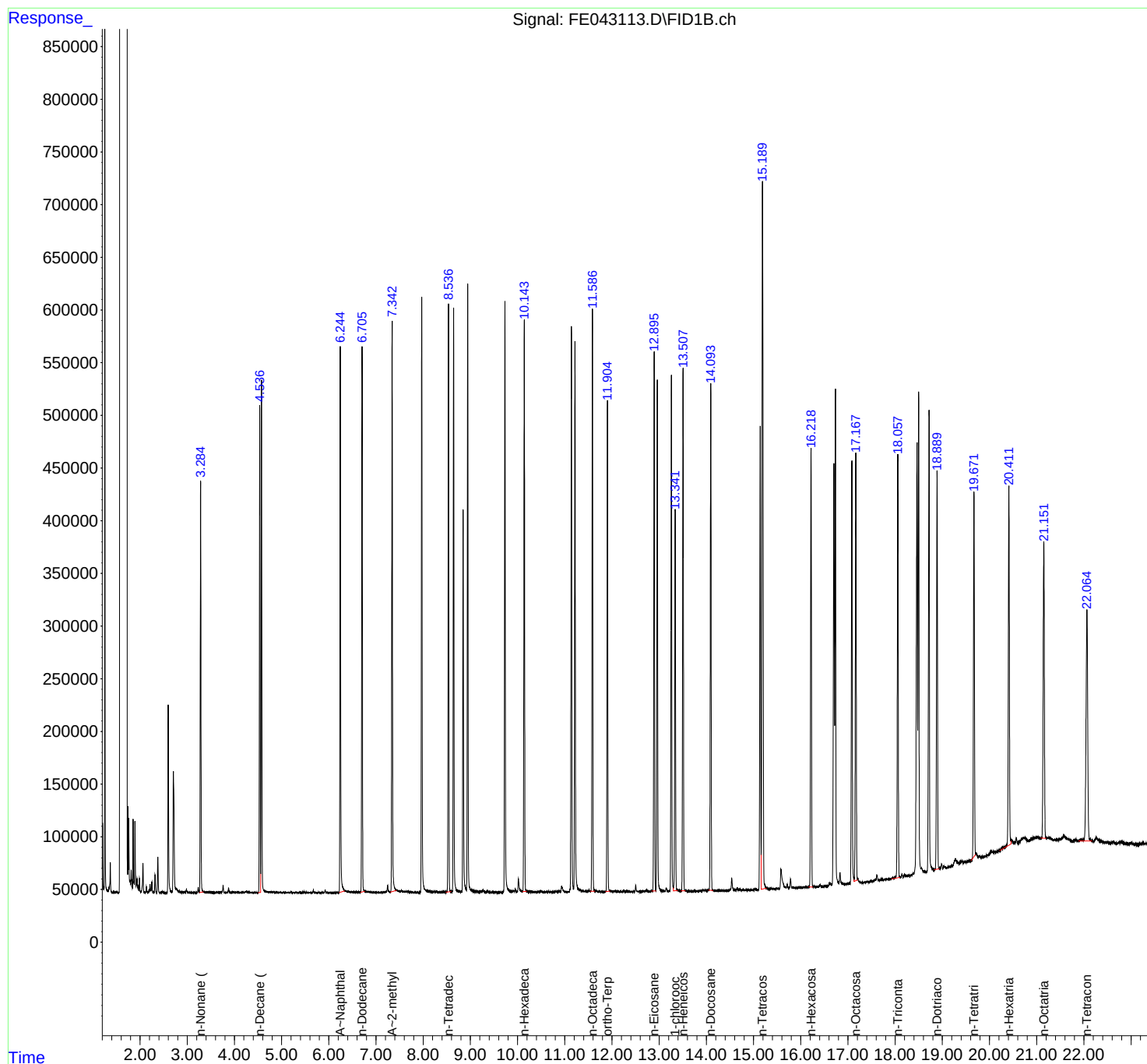
Instrument :
FID_E
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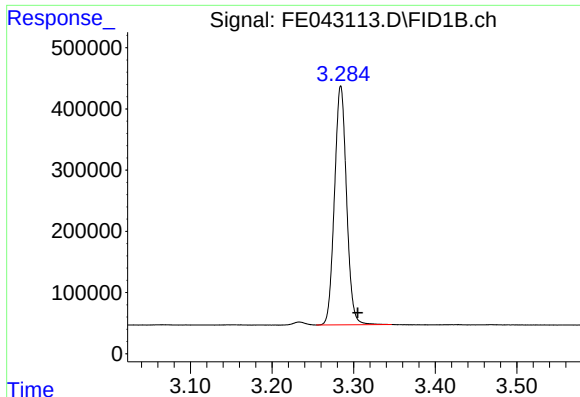
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Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
Quant Title : GC Extractables
QLast Update : Wed Jun 21 11:03:59 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.284 min
Delta R.T.: -0.021 min
Response: 4009574
Conc: 25.96 ug/ml

Instrument :

FID_E

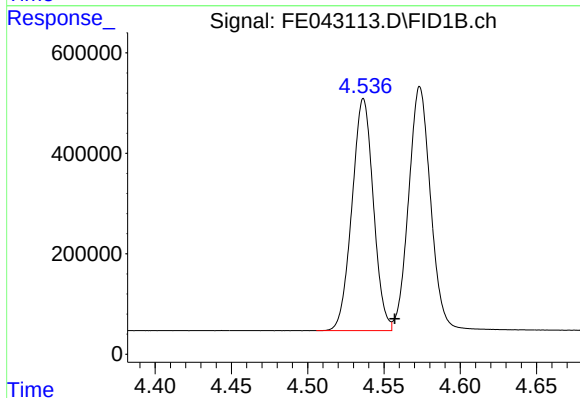
ClientSampleId :

CP-5MSD

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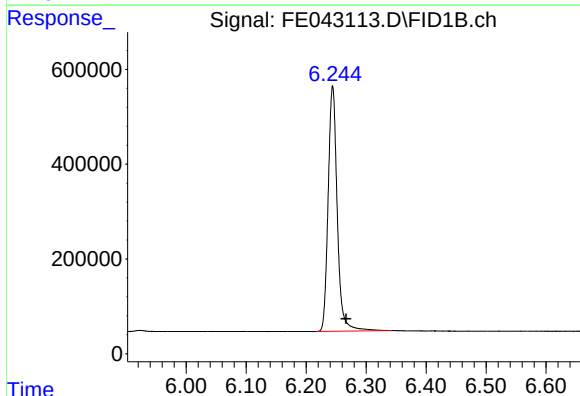
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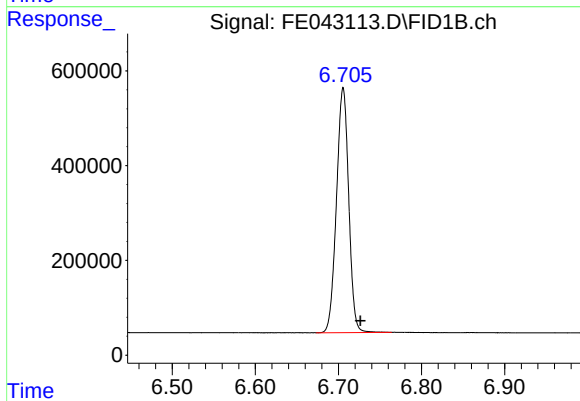
#2 n-Decane (C10)

R.T.: 4.536 min
Delta R.T.: -0.021 min
Response: 4506063
Conc: 28.53 ug/ml m



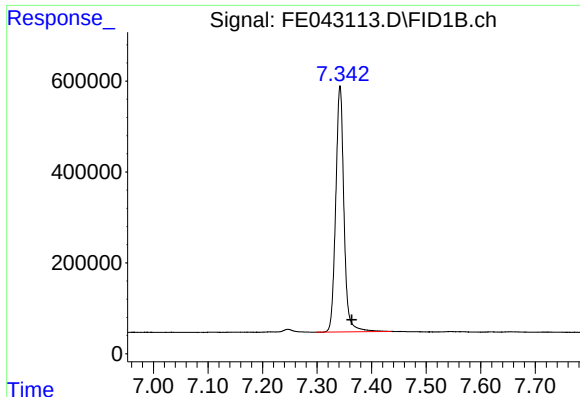
#3 A~Naphthalene (C11.7)

R.T.: 6.244 min
Delta R.T.: -0.022 min
Response: 5457761
Conc: 32.23 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.706 min
Delta R.T.: -0.021 min
Response: 5283599
Conc: 33.01 ug/ml



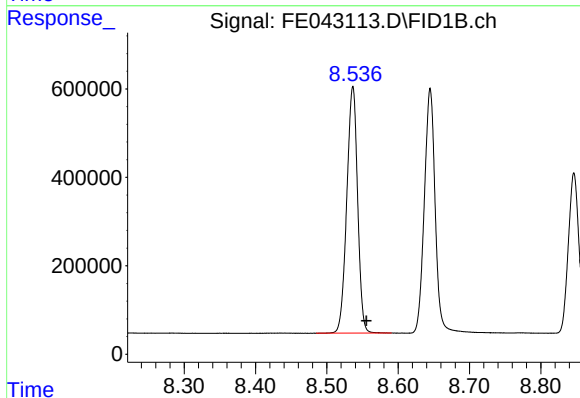
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.342 min
Delta R.T.: -0.021 min
Response: 5677956
Conc: 35.02 ug/ml

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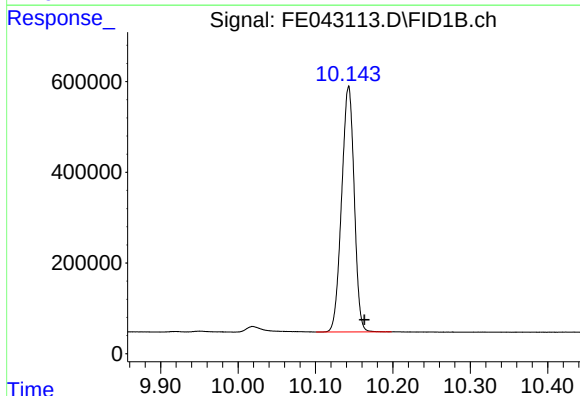
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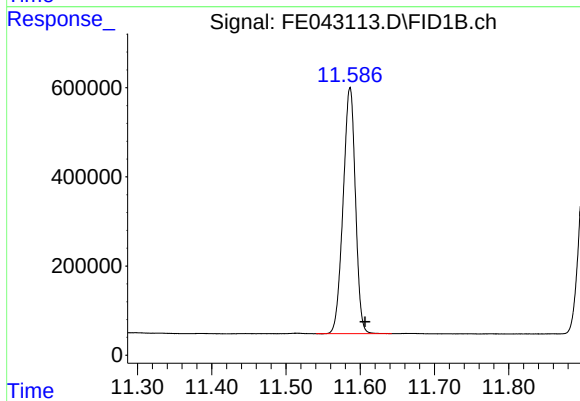
#6 n-Tetradecane (C14)

R.T.: 8.537 min
Delta R.T.: -0.019 min
Response: 5879524
Conc: 36.94 ug/ml



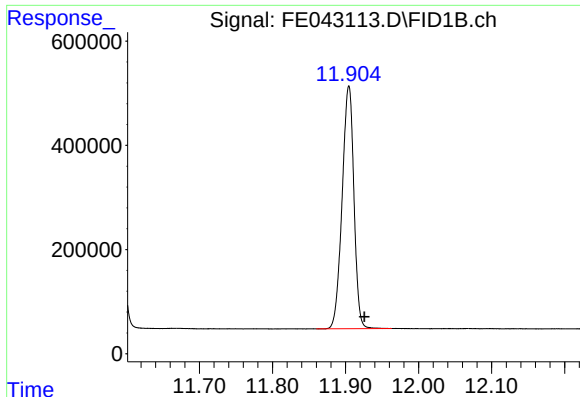
#7 n-Hexadecane (C16)

R.T.: 10.143 min
Delta R.T.: -0.020 min
Response: 6113446
Conc: 37.12 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.586 min
Delta R.T.: -0.020 min
Response: 6367382
Conc: 38.31 ug/ml



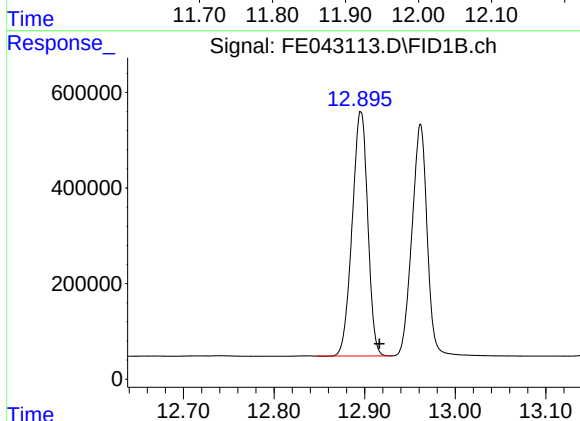
#9 ortho-Terphenyl (SURR)

R.T.: 11.905 min
Delta R.T.: -0.021 min
Response: 5224171
Conc: 28.44 ug/ml

Instrument :
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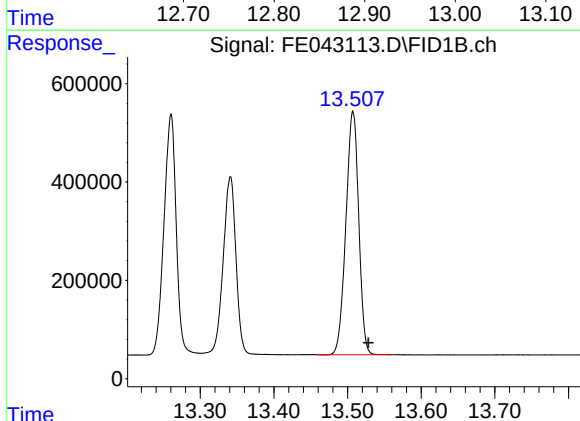
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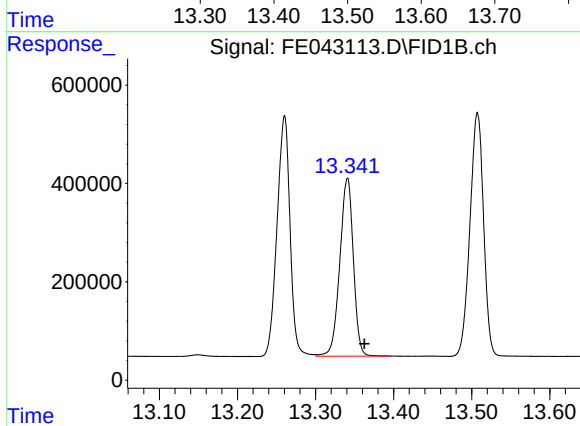
#10 n-Eicosane (C20)

R.T.: 12.896 min
Delta R.T.: -0.020 min
Response: 6109406
Conc: 38.50 ug/ml



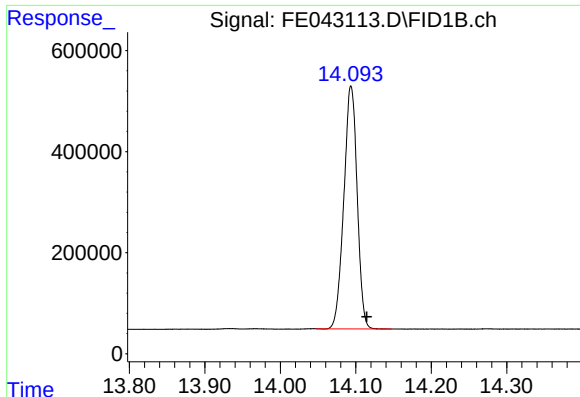
#11 n-Heneicosane (C21)

R.T.: 13.507 min
Delta R.T.: -0.021 min
Response: 5993574
Conc: 38.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.341 min
Delta R.T.: -0.022 min
Response: 4375653
Conc: 32.15 ug/ml



#13 n-Docosane (C22)

R.T.: 14.094 min
Delta R.T.: -0.021 min
Response: 5900135
Conc: 38.73 ug/ml

Instrument :

FID_E

ClientSampleId :

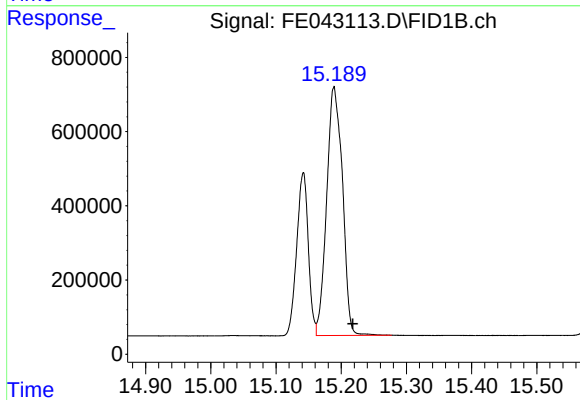
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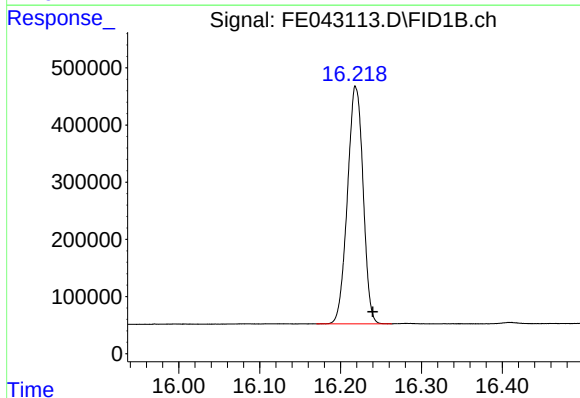
Reviewed By :Yogesh Patel 07/07/2023

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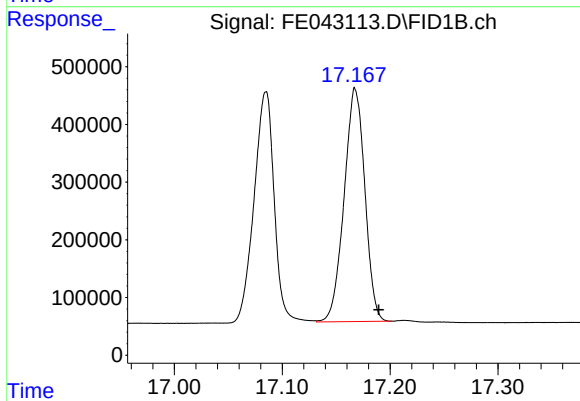
#14 n-Tetracosane (C24)

R.T.: 15.189 min
Delta R.T.: -0.029 min
Response: 11271826
Conc: 75.97 ug/ml



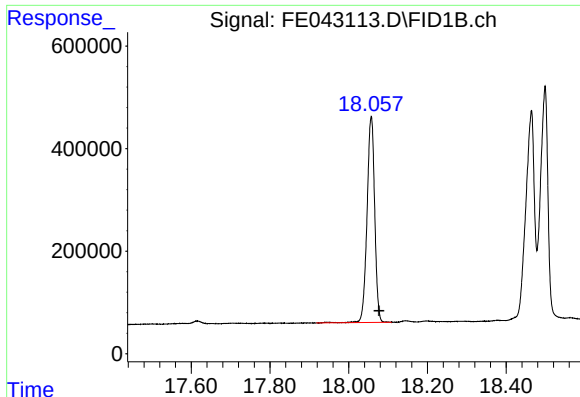
#15 n-Hexacosane (C26)

R.T.: 16.219 min
Delta R.T.: -0.021 min
Response: 5584001
Conc: 39.06 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.168 min
Delta R.T.: -0.022 min
Response: 5405049
Conc: 38.97 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.057 min
Delta R.T.: -0.020 min
Response: 5409646
Conc: 38.25 ug/ml

Instrument :

FID_E

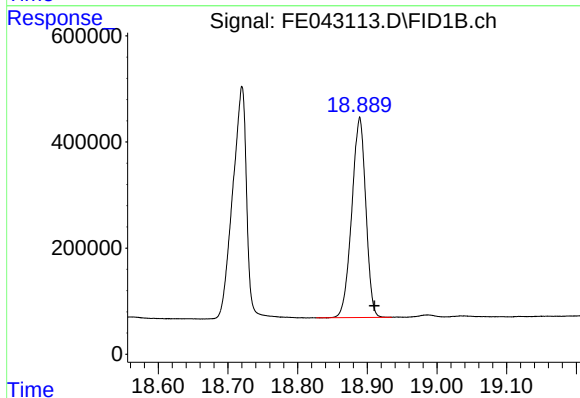
ClientSampleId :

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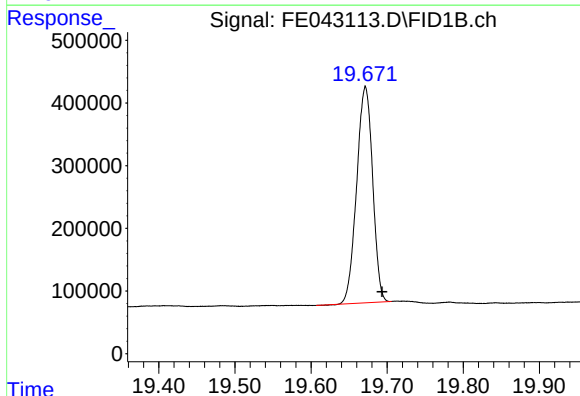
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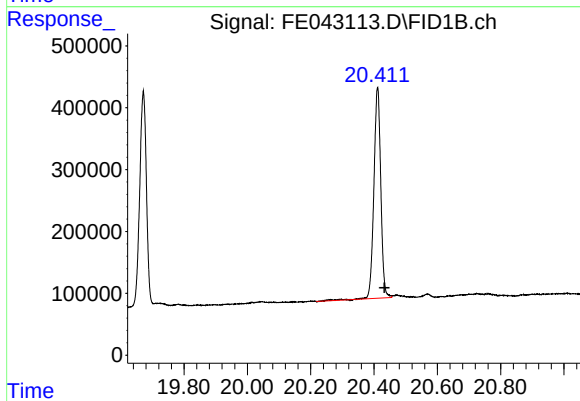
#18 n-Dotriacontane (C32)

R.T.: 18.889 min
Delta R.T.: -0.021 min
Response: 5276964
Conc: 37.62 ug/ml



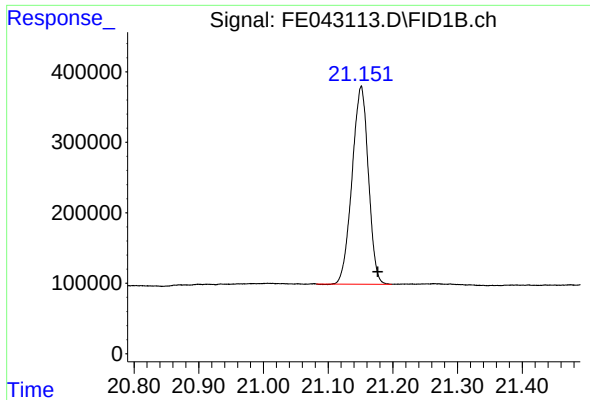
#19 n-Tetratriacontane (C34)

R.T.: 19.671 min
Delta R.T.: -0.022 min
Response: 5020425
Conc: 36.69 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.411 min
Delta R.T.: -0.022 min
Response: 5170562
Conc: 38.66 ug/ml



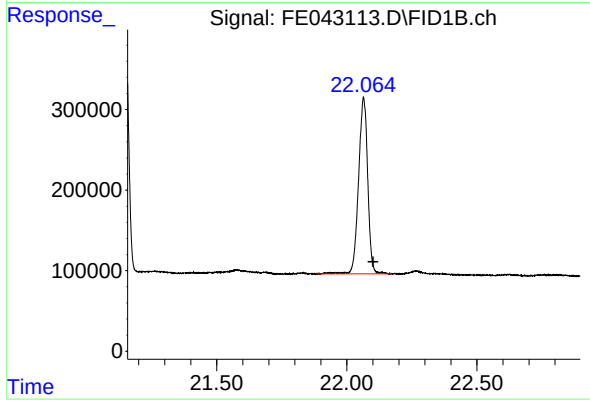
#21 n-Octatriacontane (C38)

R.T.: 21.151 min
Delta R.T.: -0.025 min
Response: 4910724
Conc: 36.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.064 min
Delta R.T.: -0.037 min
Response: 5367393
Conc: 38.58 ug/ml