

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020822AL\
 Data File : FE034889.D
 Signal(s) : FID1B.CH
 Acq On : 08 Feb 2022 22:57
 Operator : YP\AJ
 Sample : PB142517BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB142517BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/09/2022
 Supervised By :Ankita Jodhani 02/09/2022

Integration File: sample.E
 Quant Time: Feb 09 03:24:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 22:05:03 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.143	14221428	48.559 ug/ml
Spiked Amount 50.000		Recovery =	97.12%
12) S 1-chlorooctadecane (S...	12.570	11073741	49.530 ug/ml
Spiked Amount 50.000		Recovery =	99.06%
Target Compounds			
1) T n-Nonane (C9)	3.022	10122530	39.906 ug/ml
2) T n-Decane (C10)	4.030	10804990	42.097 ug/ml
3) T A~Naphthalene (C11.7)	5.578	13035715	45.440 ug/ml
4) T n-Dodecane (C12)	6.007	11813609	45.917 ug/ml
5) T A~2-methylnaphthalene...	6.625	13253525	45.806 ug/ml
6) T n-Tetradecane (C14)	7.798	12766838	48.809 ug/ml
7) T n-Hexadecane (C16)	9.389	13478733	51.400 ug/ml
8) T n-Octadecane (C18)	10.828	13911393	52.174 ug/ml
10) T n-Eicosane (C20)	12.132	13771045	52.730 ug/ml
11) T n-Heneicosane (C21)	12.740	13613630	51.966 ug/ml
13) T n-Docosane (C22)	13.324	13520517	52.448 ug/ml
14) T n-Tetracosane (C24)	14.422	9650753	38.063 ug/ml
15) T n-Hexacosane (C26)	15.443	13010116	53.281 ug/ml
16) T n-Octacosane (C28)	16.384	12812269	53.844 ug/ml
17) T n-Tricontane (C30)	17.273	12188980	53.000 ug/ml
18) T n-Dotriacontane (C32)	18.097	11828816	55.339 ug/ml
19) T n-Tetratriacontane (C34)	18.878	12494155	61.992 ug/ml
20) T n-Hexatriacontane (C36)	19.616	13251166	70.057 ug/ml
21) T n-Octatriacontane (C38)	20.329	13937043	76.608 ug/mlm
22) T n-Tetracontane (C40)	21.185	14874008	81.198 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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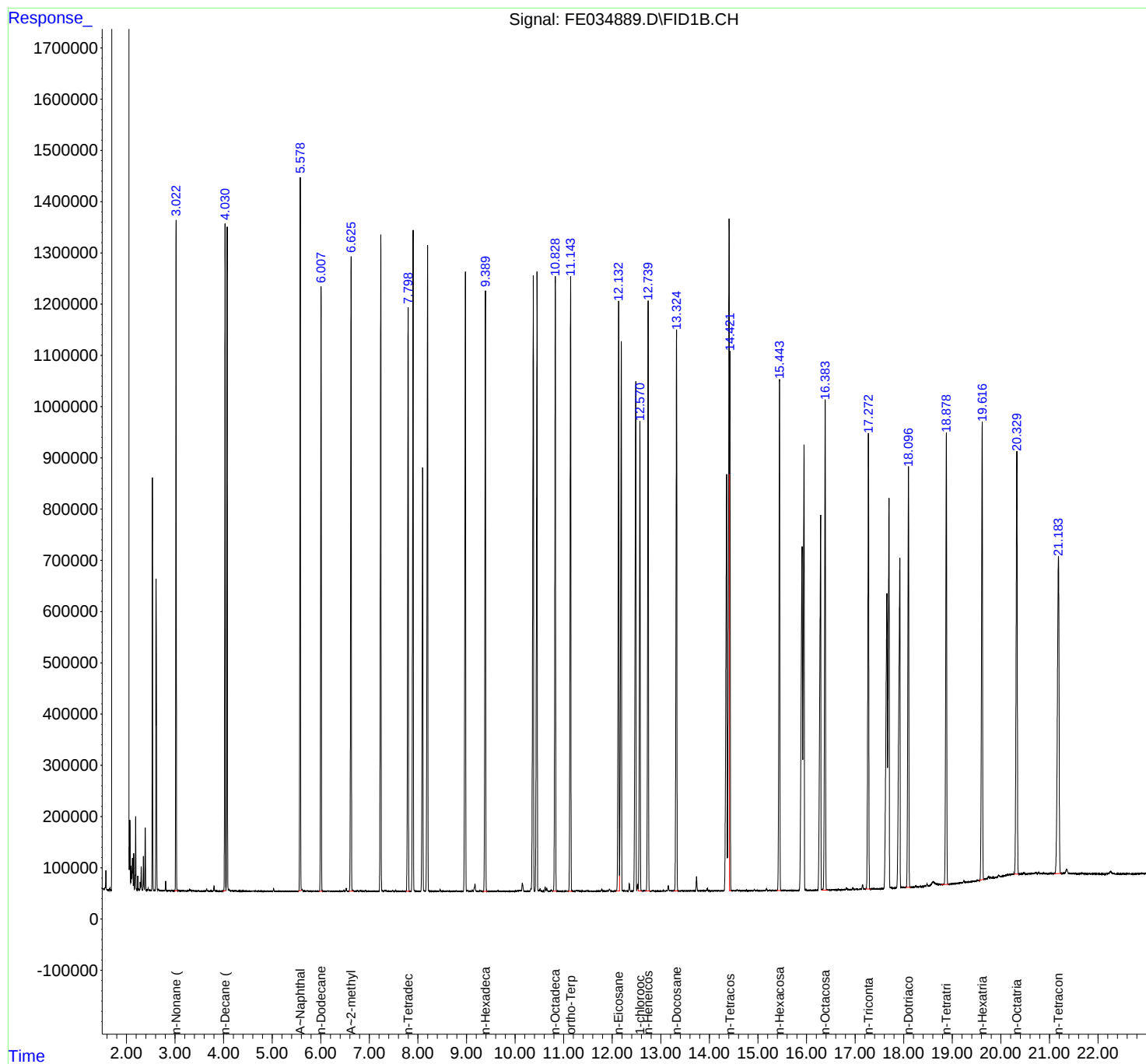
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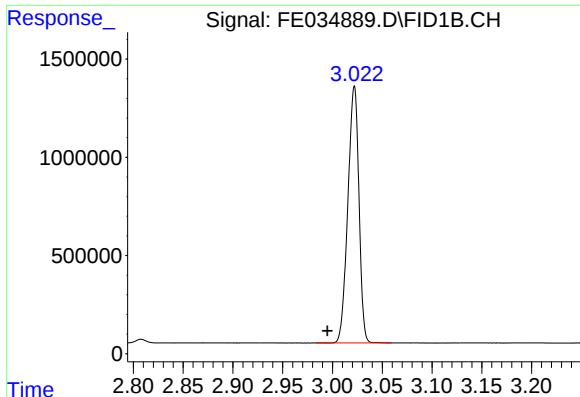
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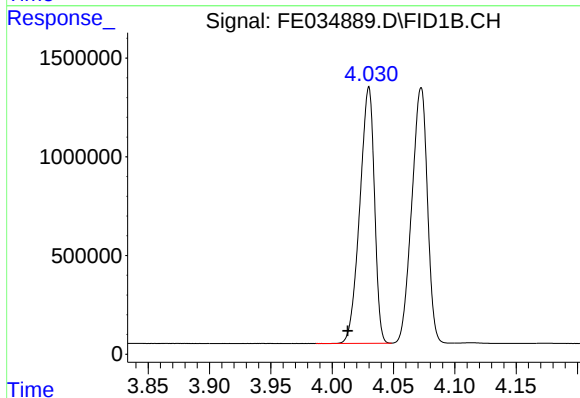
#1 n-Nonane (C9)

R.T.: 3.022 min
Delta R.T.: 0.027 min
Response: 10122530
Conc: 39.91 ug/ml

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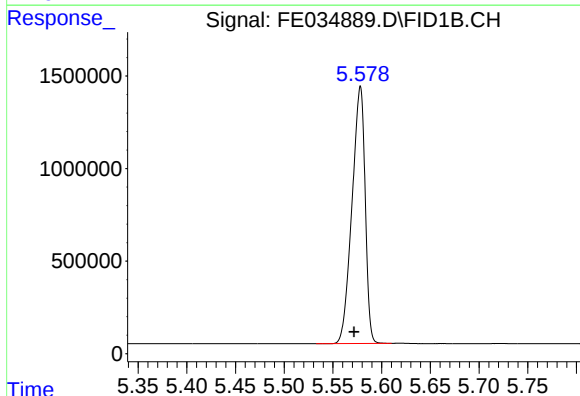
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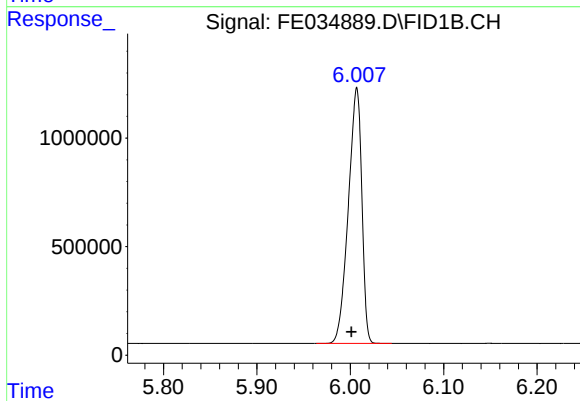
#2 n-Decane (C10)

R.T.: 4.030 min
Delta R.T.: 0.017 min
Response: 10804990
Conc: 42.10 ug/ml



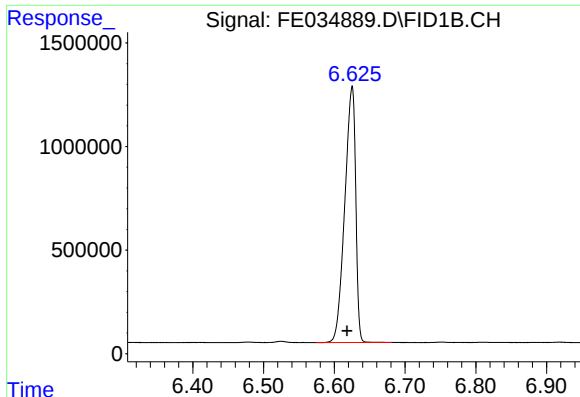
#3 A~Naphthalene (C11.7)

R.T.: 5.578 min
Delta R.T.: 0.006 min
Response: 13035715
Conc: 45.44 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.007 min
Delta R.T.: 0.006 min
Response: 11813609
Conc: 45.92 ug/ml



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

R.T.: 6.625 min
Delta R.T.: 0.007 min
Response: 13253525
Conc: 45.81 ug/ml

Instrument :

FID_E

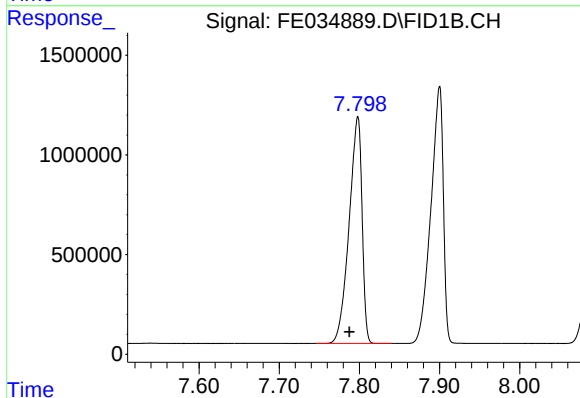
ClientSampleId :

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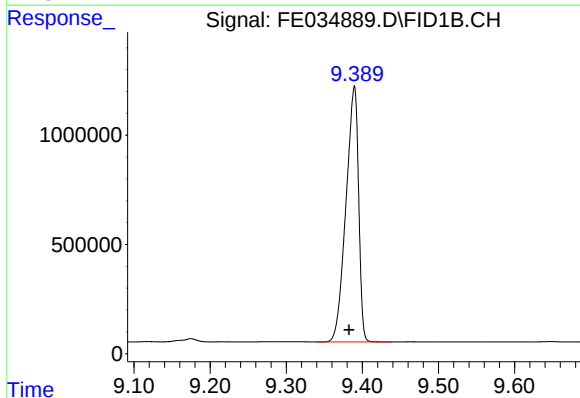
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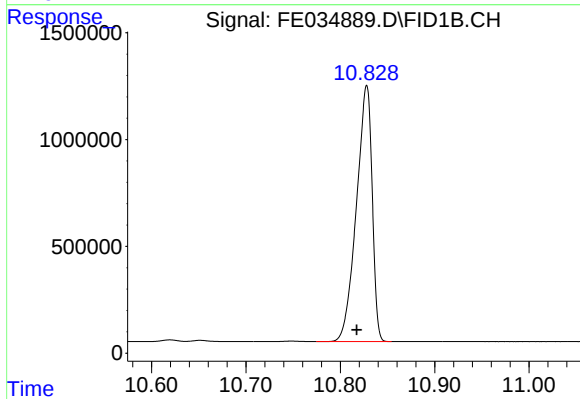
#6 n-Tetradecane (C14)

R.T.: 7.798 min
Delta R.T.: 0.010 min
Response: 12766838
Conc: 48.81 ug/ml



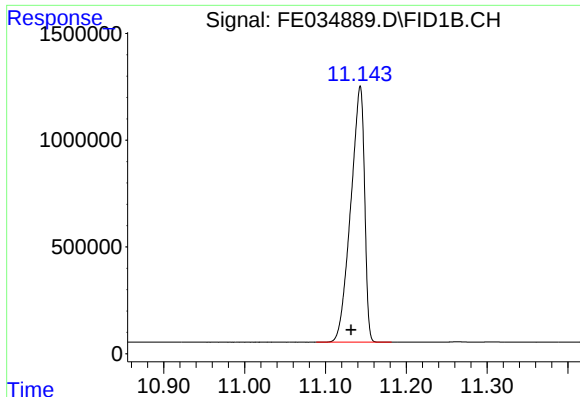
#7 n-Hexadecane (C16)

R.T.: 9.389 min
Delta R.T.: 0.007 min
Response: 13478733
Conc: 51.40 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.828 min
Delta R.T.: 0.011 min
Response: 13911393
Conc: 52.17 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.143 min
Delta R.T.: 0.011 min
Response: 14221428
Conc: 48.56 ug/ml

Instrument :

FID_E

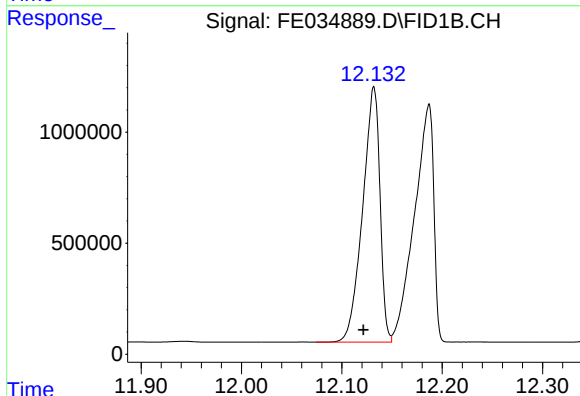
ClientSampleId :

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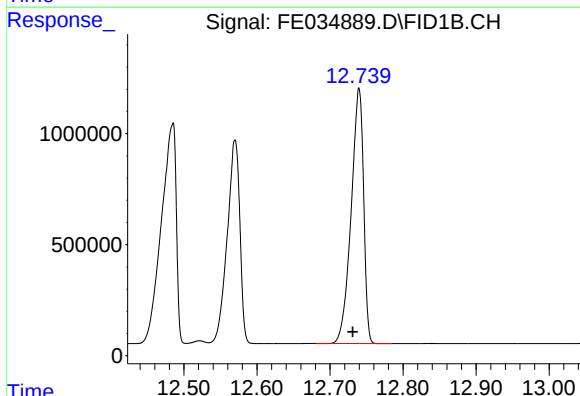
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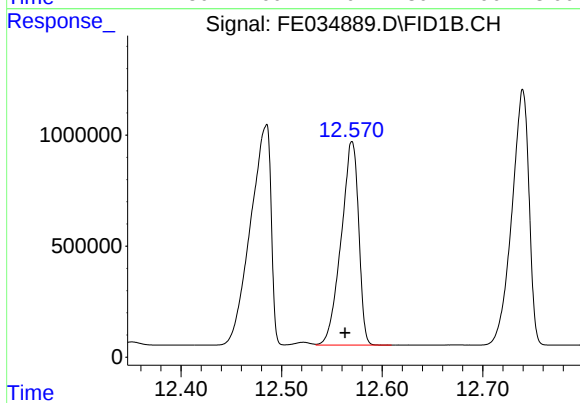
#10 n-Eicosane (C20)

R.T.: 12.132 min
Delta R.T.: 0.010 min
Response: 13771045
Conc: 52.73 ug/ml



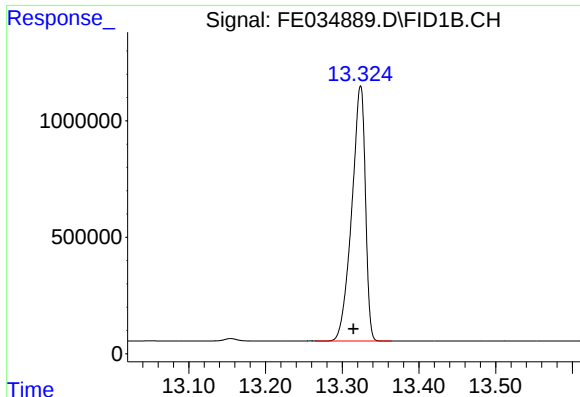
#11 n-Heneicosane (C21)

R.T.: 12.740 min
Delta R.T.: 0.009 min
Response: 13613630
Conc: 51.97 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.570 min
Delta R.T.: 0.007 min
Response: 11073741
Conc: 49.53 ug/ml



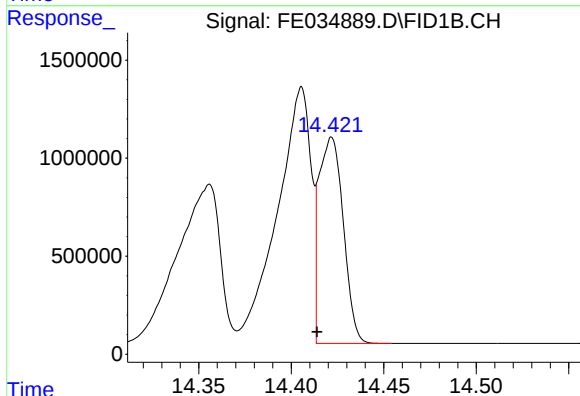
#13 n-Docosane (C22)

R.T.: 13.324 min
Delta R.T.: 0.009 min
Response: 13520517
Conc: 52.45 ug/ml

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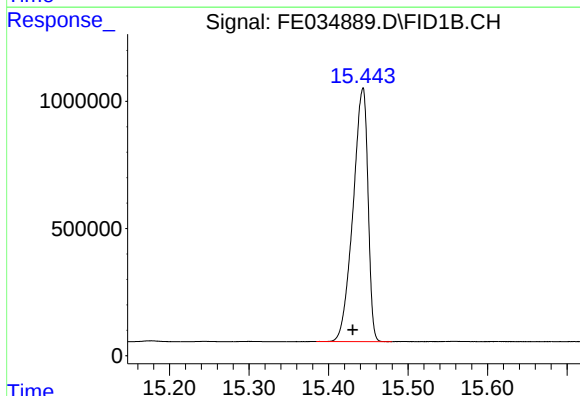
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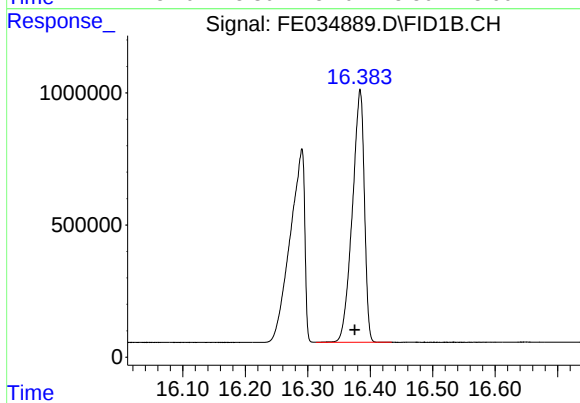
#14 n-Tetracosane (C24)

R.T.: 14.422 min
Delta R.T.: 0.008 min
Response: 9650753
Conc: 38.06 ug/ml



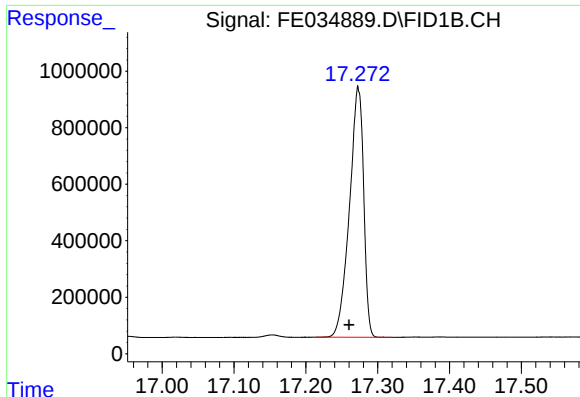
#15 n-Hexacosane (C26)

R.T.: 15.443 min
Delta R.T.: 0.013 min
Response: 13010116
Conc: 53.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.384 min
Delta R.T.: 0.009 min
Response: 12812269
Conc: 53.84 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.273 min
Delta R.T.: 0.013 min
Response: 12188980
Conc: 53.00 ug/ml

Instrument :

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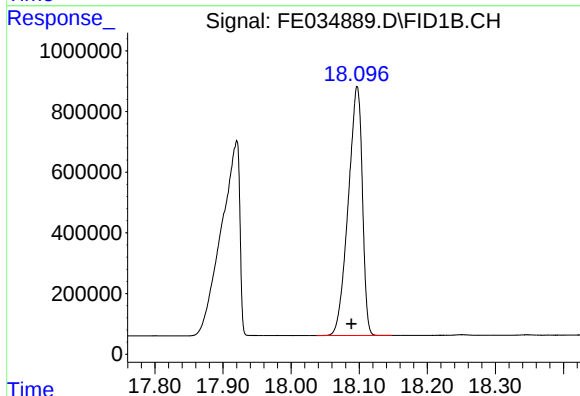
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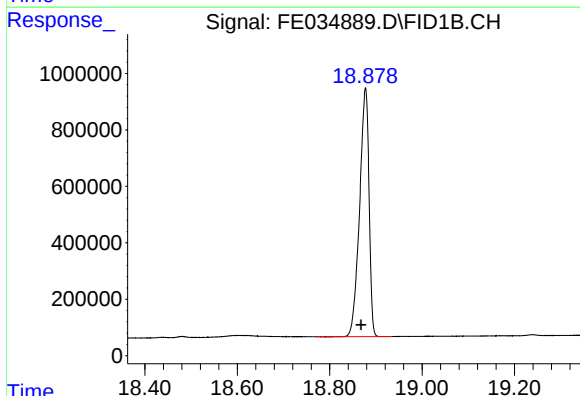
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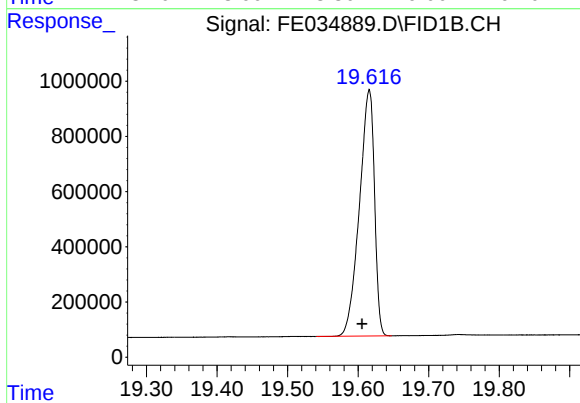
#18 n-Dotriacontane (C32)

R.T.: 18.097 min
Delta R.T.: 0.009 min
Response: 11828816
Conc: 55.34 ug/ml



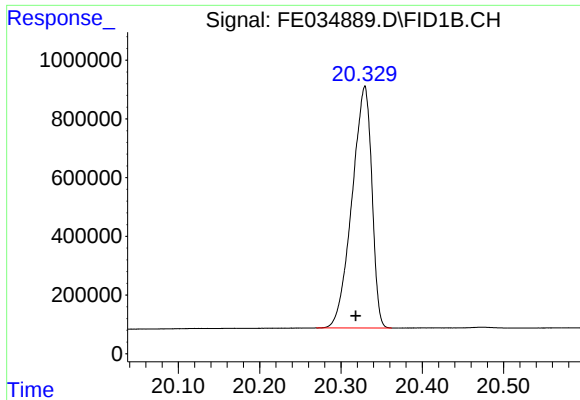
#19 n-Tetratriacontane (C34)

R.T.: 18.878 min
Delta R.T.: 0.010 min
Response: 12494155
Conc: 61.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.616 min
Delta R.T.: 0.010 min
Response: 13251166
Conc: 70.06 ug/ml



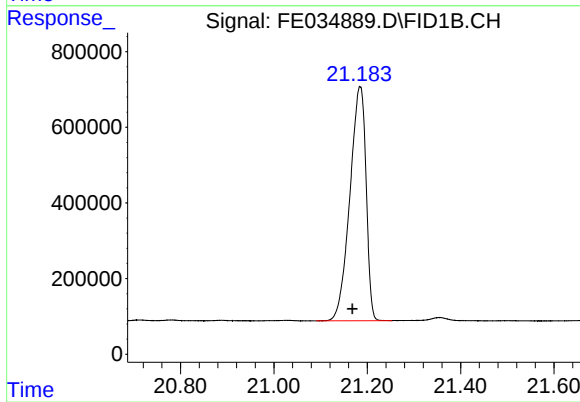
#21 n-Octatriacontane (C38)

R.T.: 20.329 min
Delta R.T.: 0.011 min
Response: 13937043
Conc: 76.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.185 min
Delta R.T.: 0.016 min
Response: 14874008
Conc: 81.20 ug/ml