

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022222AL\
 Data File : FE035121.D
 Signal(s) : FID1B.CH
 Acq On : 22 Feb 2022 00:10
 Operator : YP\AJ
 Sample : PB142760BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB142760BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/22/2022
 Supervised By :Ankita Jodhani 02/22/2022

Integration File: sample.E
 Quant Time: Feb 22 03:22:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022222.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 22 01:24:23 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)	11.752	44965050	45.063 ug/ml
Spiked Amount 50.000		Recovery =	90.13%
12) S 1-chlorooctadecane (S...	13.165	34962496	45.018 ug/ml
Spiked Amount 50.000		Recovery =	90.04%
Target Compounds			
1) T n-Nonane (C9)	3.711f	35722648	43.526 ug/mlm
2) T n-Decane (C10)	4.662	37889352	44.740 ug/ml
3) T A~Naphthalene (C11.7)	6.189	45501245	48.220 ug/ml
4) T n-Dodecane (C12)	6.599	42104419	47.943 ug/ml
5) T A~2-methylnaphthalene...	7.233	45343424	47.610 ug/ml
6) T n-Tetradecane (C14)	8.393	45003539	51.192 ug/ml
7) T n-Hexadecane (C16)	9.981	49704604	55.773 ug/ml
8) T n-Octadecane (C18)	11.423	53153610	58.923 ug/ml
10) T n-Eicosane (C20)	12.736	53284237	59.386 ug/ml
11) T n-Heneicosane (C21)	13.338	52972479	58.891 ug/ml
13) T n-Docosane (C22)	13.921	52748600	58.901 ug/ml
14) T n-Tetracosane (C24)	15.021	41078258	46.648 ug/ml
15) T n-Hexacosane (C26)	16.041	50649881	60.021 ug/ml
16) T n-Octacosane (C28)	16.981	44361829	56.502 ug/ml
17) T n-Tricontane (C30)	17.869	42338148	60.778 ug/ml
18) T n-Dotriacontane (C32)	18.686	34569096	61.245 ug/ml
19) T n-Tetratriacontane (C34)	19.460	27530656	66.073 ug/ml
20) T n-Hexatriacontane (C36)	20.190	20207085	72.073 ug/ml
21) T n-Octatriacontane (C38)	20.936	14376143	78.518 ug/ml
22) T n-Tetracontane (C40)	21.865	10537430	84.577 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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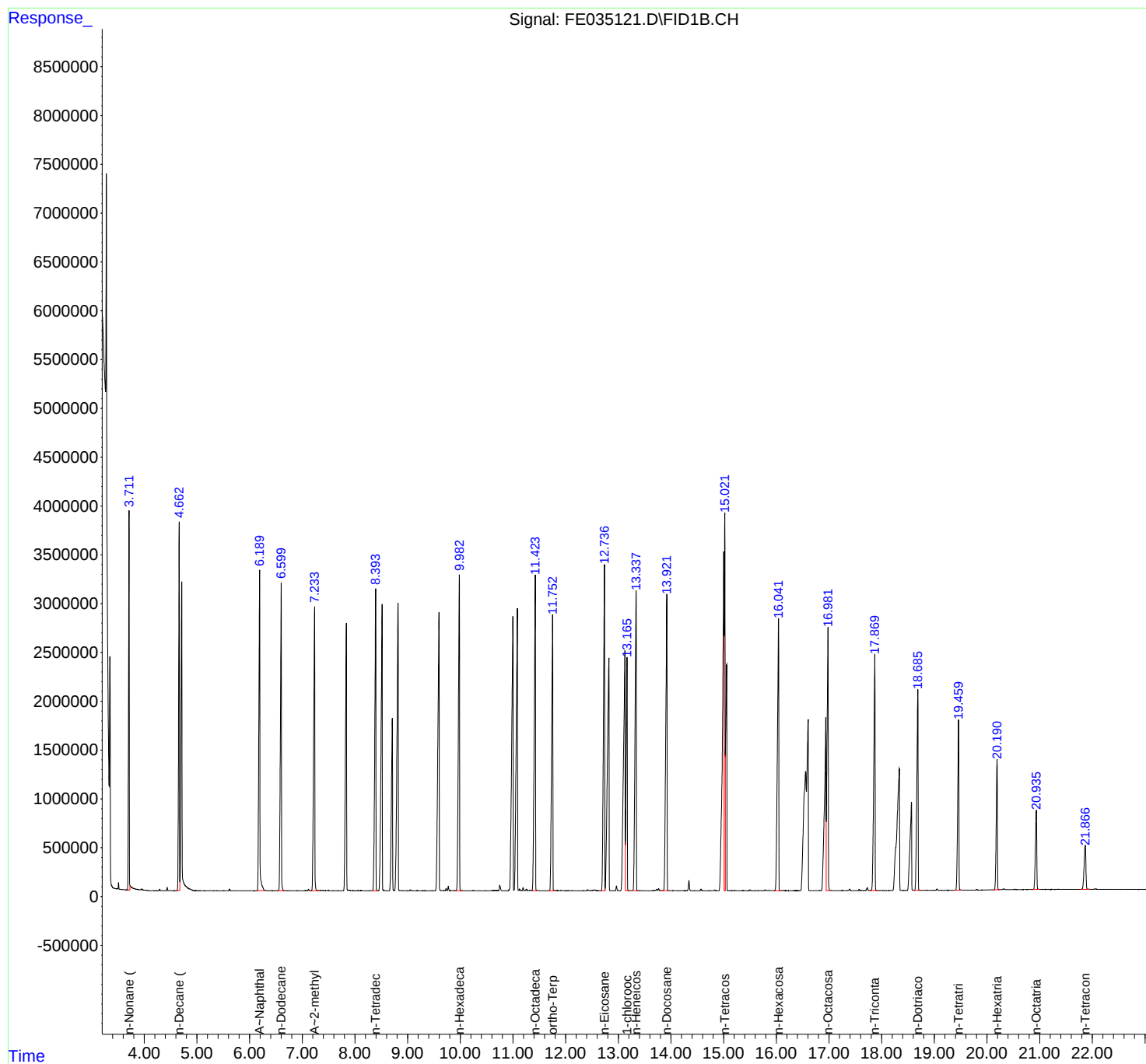
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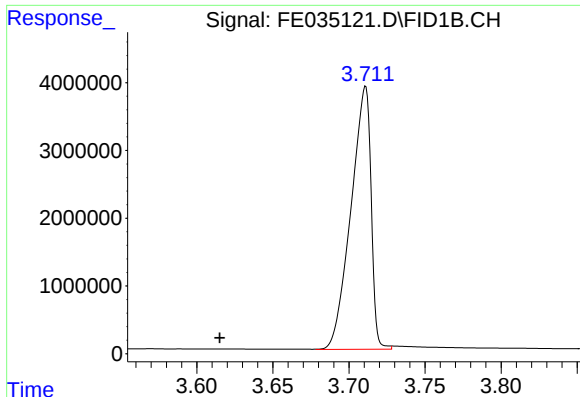
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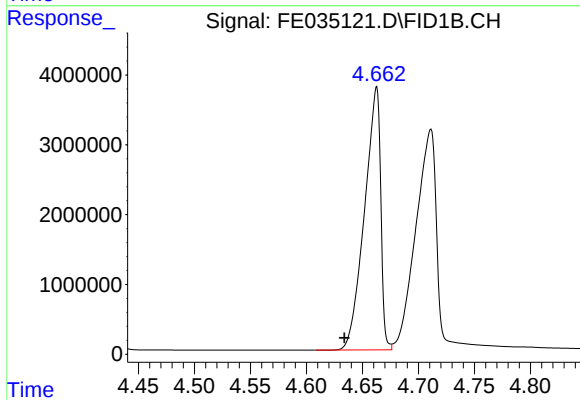
#1 n-Nonane (C9)

R.T.: 3.711 min
Delta R.T.: 0.096 min
Response: 35722648
Conc: 43.53 ug/ml

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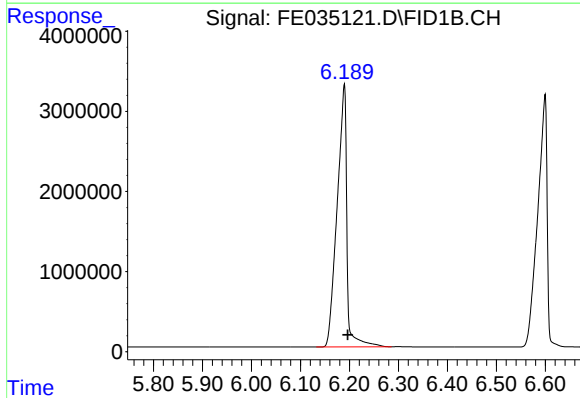
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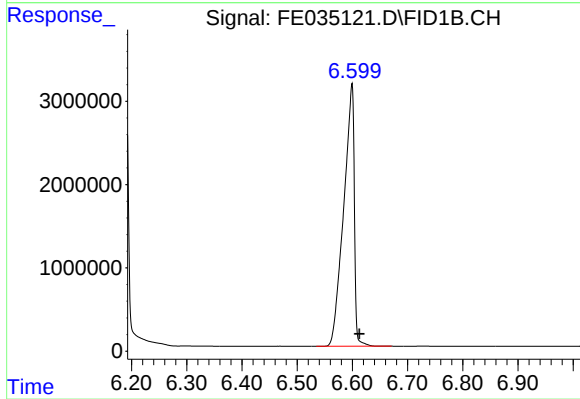
#2 n-Decane (C10)

R.T.: 4.662 min
Delta R.T.: 0.028 min
Response: 37889352
Conc: 44.74 ug/ml



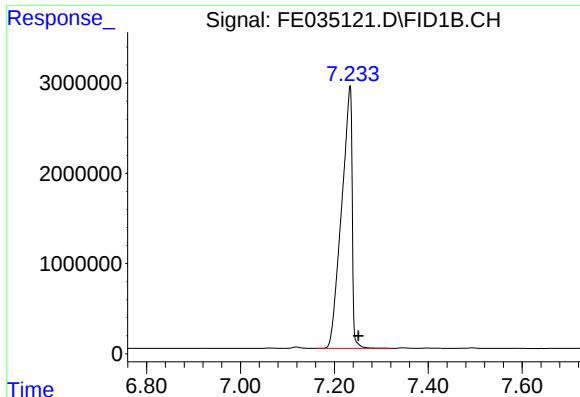
#3 A~Naphthalene (C11.7)

R.T.: 6.189 min
Delta R.T.: -0.007 min
Response: 45501245
Conc: 48.22 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.599 min
Delta R.T.: -0.014 min
Response: 42104419
Conc: 47.94 ug/ml



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

R.T.: 7.233 min
Delta R.T.: -0.018 min
Response: 45343424
Conc: 47.61 ug/ml

Instrument :

FID_E

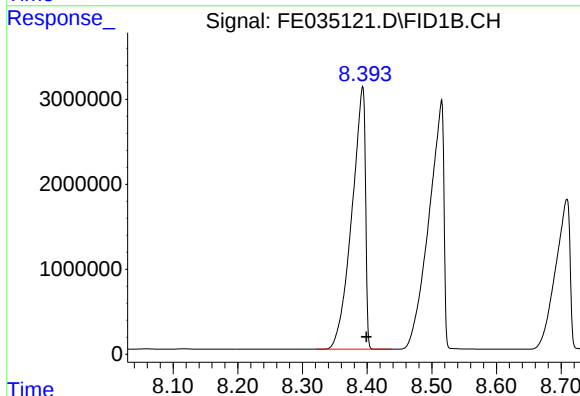
ClientSampleId :

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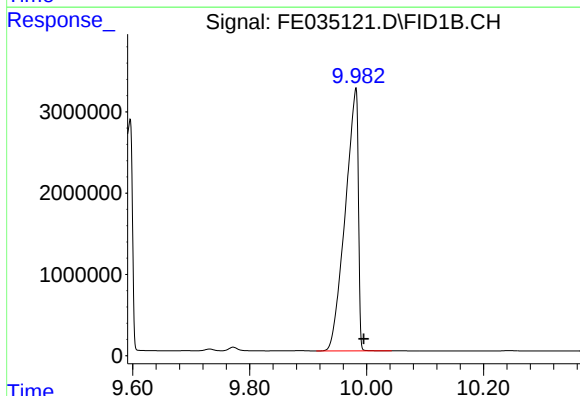
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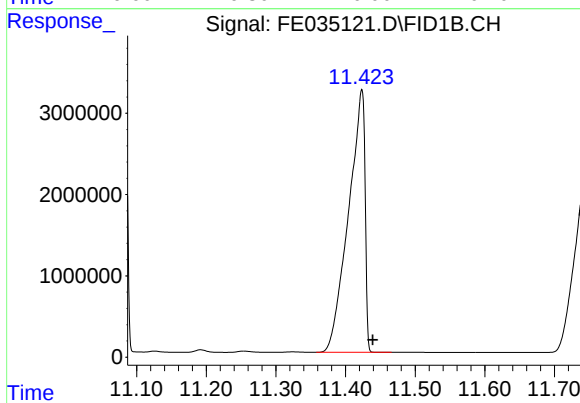
#6 n-Tetradecane (C14)

R.T.: 8.393 min
Delta R.T.: -0.006 min
Response: 45003539
Conc: 51.19 ug/ml



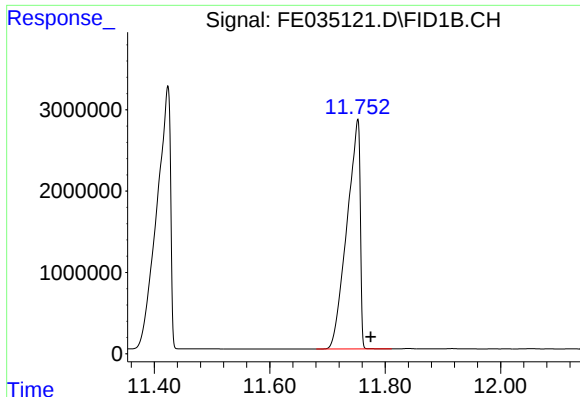
#7 n-Hexadecane (C16)

R.T.: 9.981 min
Delta R.T.: -0.014 min
Response: 49704604
Conc: 55.77 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.423 min
Delta R.T.: -0.016 min
Response: 53153610
Conc: 58.92 ug/ml



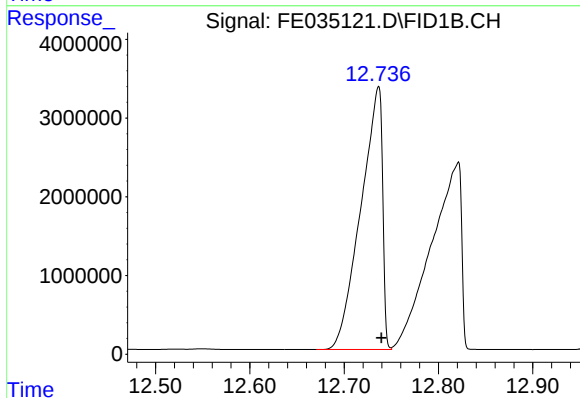
#9 ortho-Terphenyl (SURR)

R.T.: 11.752 min
Delta R.T.: -0.022 min
Response: 44965050
Conc: 45.06 ug/ml

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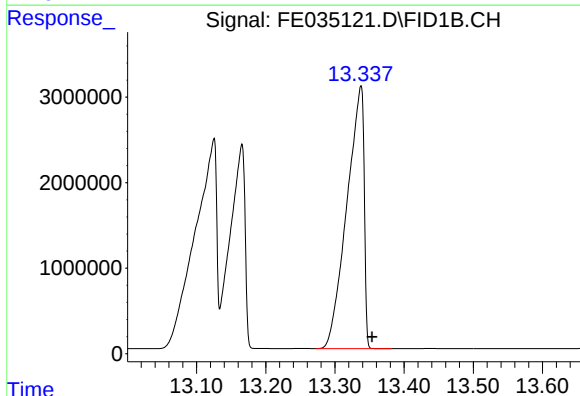
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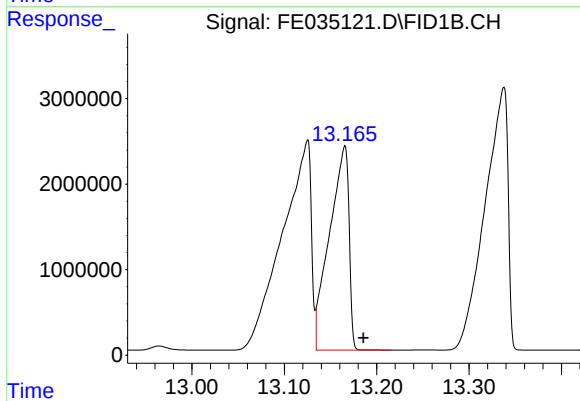
#10 n-Eicosane (C20)

R.T.: 12.736 min
Delta R.T.: -0.003 min
Response: 53284237
Conc: 59.39 ug/ml



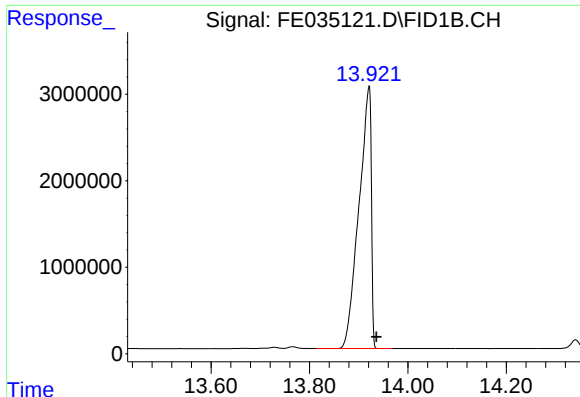
#11 n-Heneicosane (C21)

R.T.: 13.338 min
Delta R.T.: -0.016 min
Response: 52972479
Conc: 58.89 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.165 min
Delta R.T.: -0.020 min
Response: 34962496
Conc: 45.02 ug/ml



#13 n-Docosane (C22)

R.T.: 13.921 min
Delta R.T.: -0.015 min
Response: 52748600
Conc: 58.90 ug/ml

Instrument :

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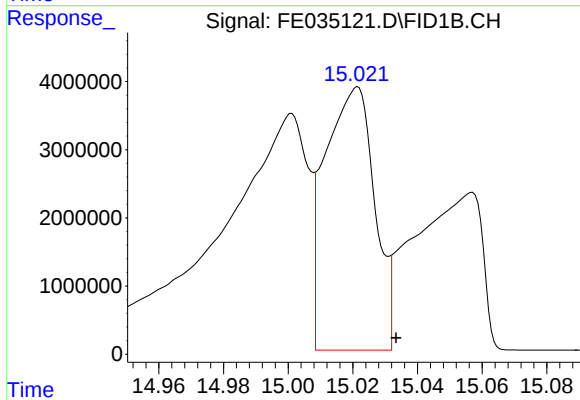
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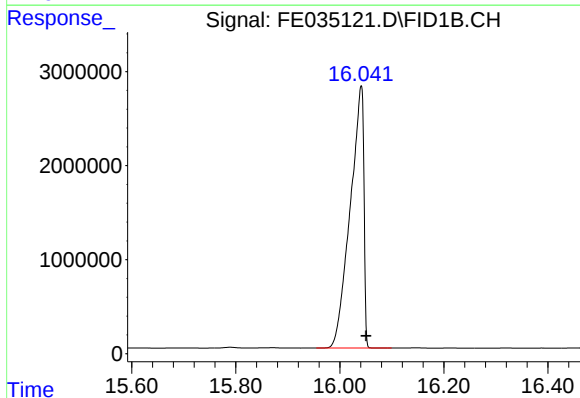
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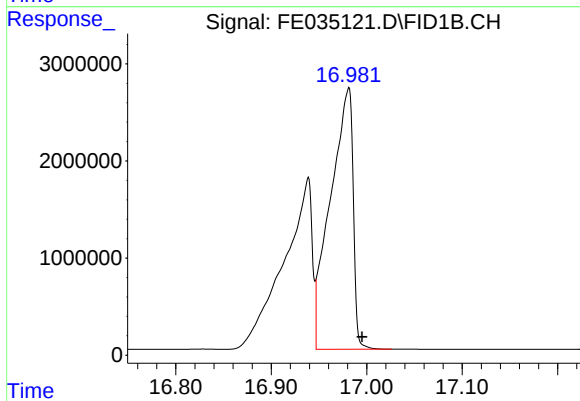
#14 n-Tetracosane (C24)

R.T.: 15.021 min
Delta R.T.: -0.012 min
Response: 41078258
Conc: 46.65 ug/ml



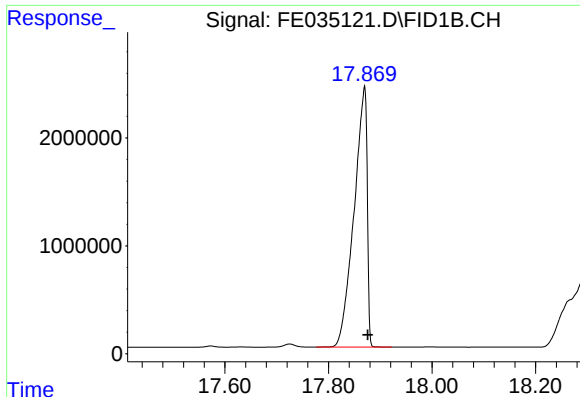
#15 n-Hexacosane (C26)

R.T.: 16.041 min
Delta R.T.: -0.010 min
Response: 50649881
Conc: 60.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.981 min
Delta R.T.: -0.014 min
Response: 44361829
Conc: 56.50 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.869 min
Delta R.T.: -0.006 min
Response: 42338148
Conc: 60.78 ug/ml

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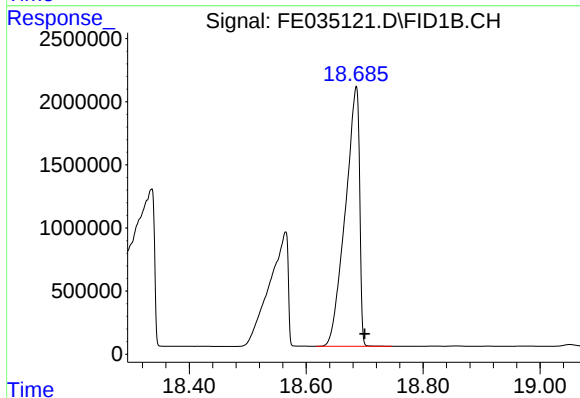
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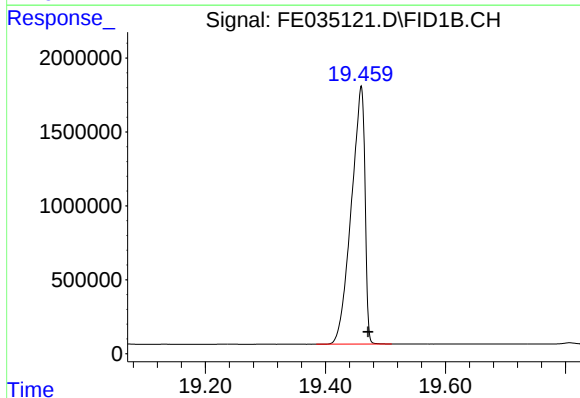
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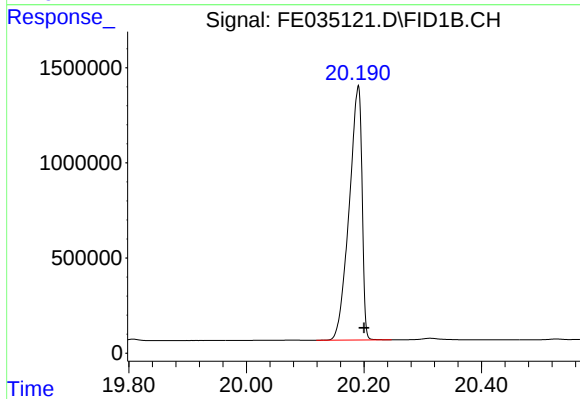
#18 n-Dotriacontane (C32)

R.T.: 18.686 min
Delta R.T.: -0.014 min
Response: 34569096
Conc: 61.24 ug/ml



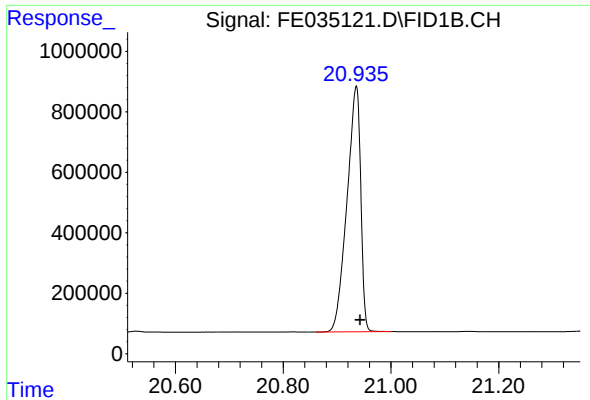
#19 n-Tetratriacontane (C34)

R.T.: 19.460 min
Delta R.T.: -0.011 min
Response: 27530656
Conc: 66.07 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.190 min
Delta R.T.: -0.010 min
Response: 20207085
Conc: 72.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.936 min
Delta R.T.: -0.007 min
Response: 14376143
Conc: 78.52 ug/ml

Instrument :

FID_E

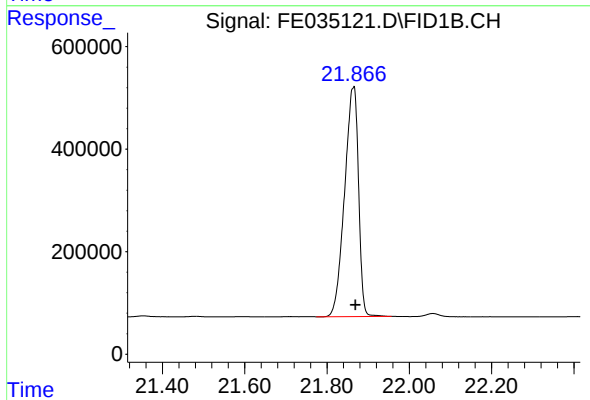
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#22 n-Tetracontane (C40)

R.T.: 21.865 min
Delta R.T.: -0.004 min
Response: 10537430
Conc: 84.58 ug/ml