

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022222AL\
 Data File : FE035124.D
 Signal(s) : FID1B.CH
 Acq On : 22 Feb 2022 1:45
 Operator : YP\AJ
 Sample : N1571-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-3MS

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 03:25:31 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)	11.756	45474434	45.573 ug/ml
Spiked Amount 50.000		Recovery =	91.15%
12) S 1-chlorooctadecane (S...	13.166	34306029	44.173 ug/ml
Spiked Amount 50.000		Recovery =	88.35%
Target Compounds			
1) T n-Nonane (C9)	3.639	20791157	25.333 ug/ml
2) T n-Decane (C10)	4.627	21033462	24.837 ug/ml
3) T A~Naphthalene (C11.7)	6.178	29702012	31.477 ug/ml
4) T n-Dodecane (C12)	6.591	25593033	29.142 ug/ml
5) T A~2-methylnaphthalene...	7.226	32533121	34.159 ug/ml
6) T n-Tetradecane (C14)	8.386	32497473	36.966 ug/ml
7) T n-Hexadecane (C16)	9.979	46179410	51.817 ug/ml
8) T n-Octadecane (C18)	11.422	48495981	53.760 ug/mlm
10) T n-Eicosane (C20)	12.740	50478701	56.260 ug/ml
11) T n-Heneicosane (C21)	13.339	50810555	56.488 ug/ml
13) T n-Docosane (C22)	13.920	48862095	54.562 ug/mlm
14) T n-Tetracosane (C24)	15.020	25956336	29.475 ug/ml
15) T n-Hexacosane (C26)	16.037	47116314	55.834 ug/ml
16) T n-Octacosane (C28)	16.979	43426062	55.310 ug/ml
17) T n-Tricontane (C30)	17.867	38919933	55.871 ug/ml
18) T n-Dotriacontane (C32)	18.683	31539601	55.877 ug/ml
19) T n-Tetratriacontane (C34)	19.459	24524711	58.859 ug/ml
20) T n-Hexatriacontane (C36)	20.189	17810261	63.524 ug/ml
21) T n-Octatriacontane (C38)	20.932	12411473	67.787 ug/ml
22) T n-Tetracontane (C40)	21.862	8967668	71.977 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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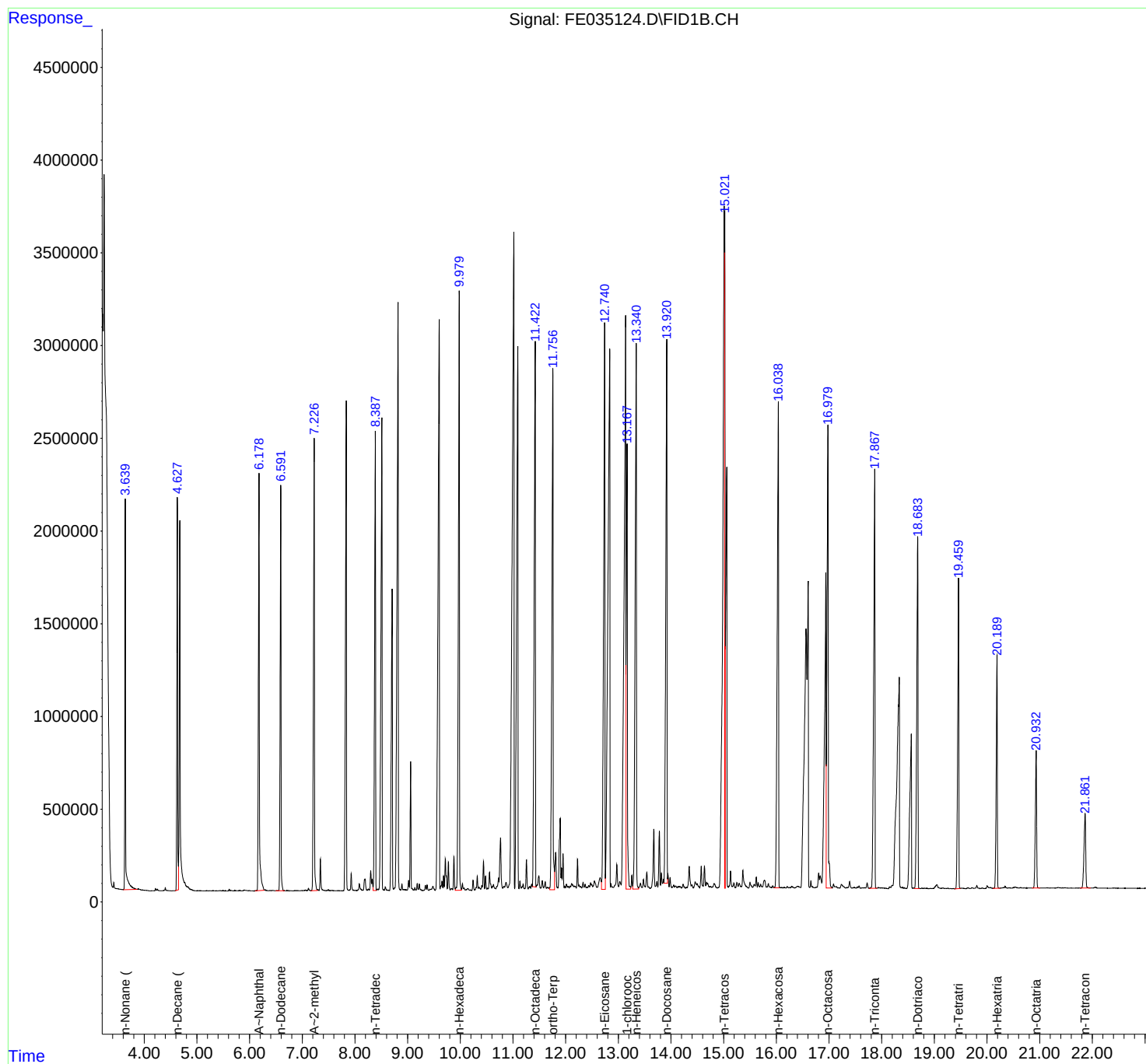
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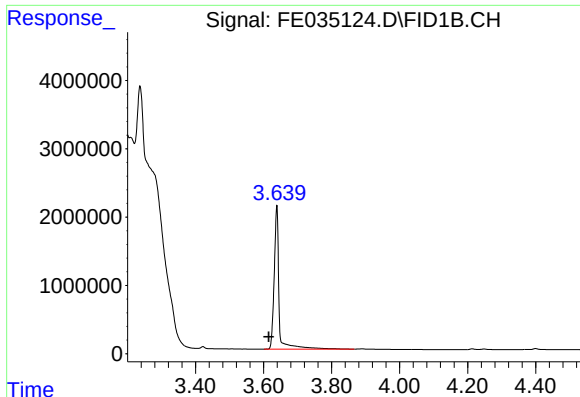
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#1 n-Nonane (C9)

R.T.: 3.639 min
Delta R.T.: 0.024 min
Response: 20791157
Conc: 25.33 ug/ml

Instrument :

FID_E

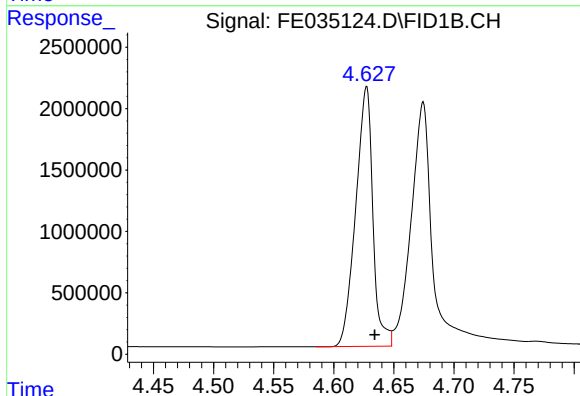
ClientSampleId :

TP-3MS

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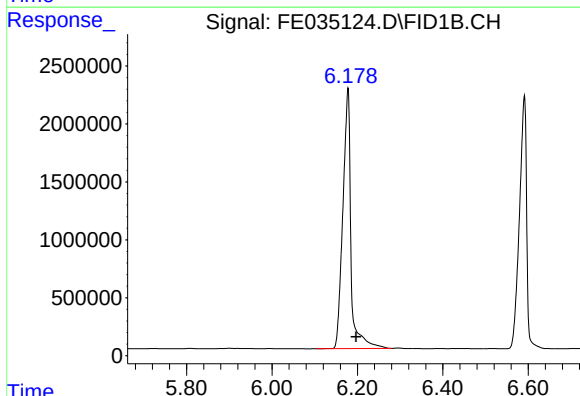
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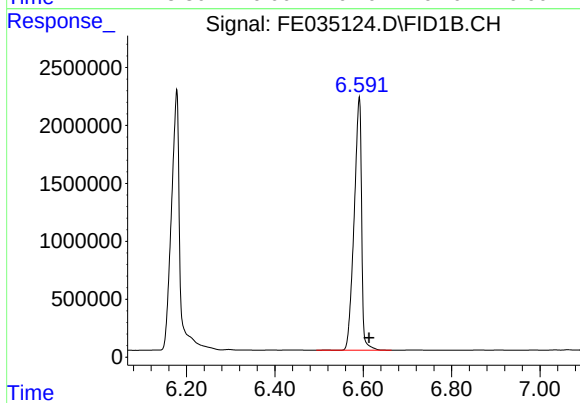
#2 n-Decane (C10)

R.T.: 4.627 min
Delta R.T.: -0.007 min
Response: 21033462
Conc: 24.84 ug/ml



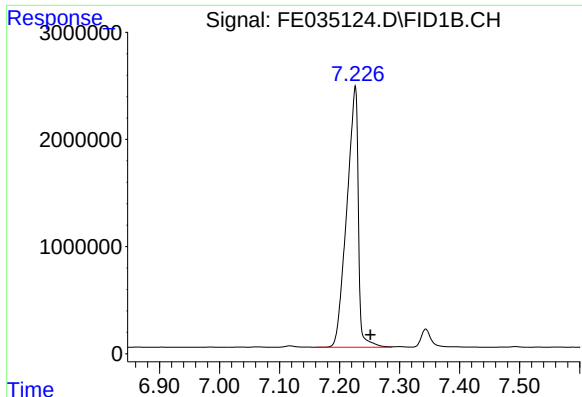
#3 A~Naphthalene (C11.7)

R.T.: 6.178 min
Delta R.T.: -0.019 min
Response: 29702012
Conc: 31.48 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.591 min
Delta R.T.: -0.022 min
Response: 25593033
Conc: 29.14 ug/ml



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

R.T.: 7.226 min
Delta R.T.: -0.025 min
Response: 32533121
Conc: 34.16 ug/ml

Instrument :

FID_E

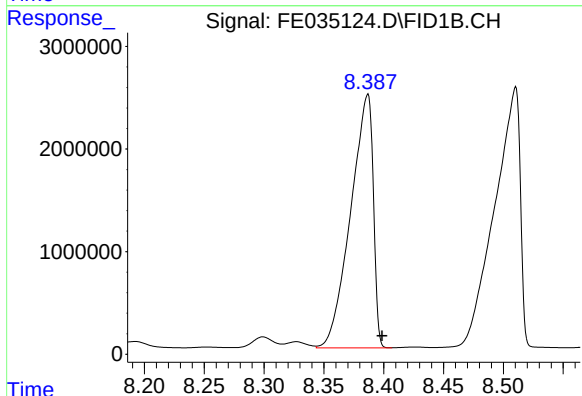
ClientSampleId :

TP-3MS

Manual Integrations

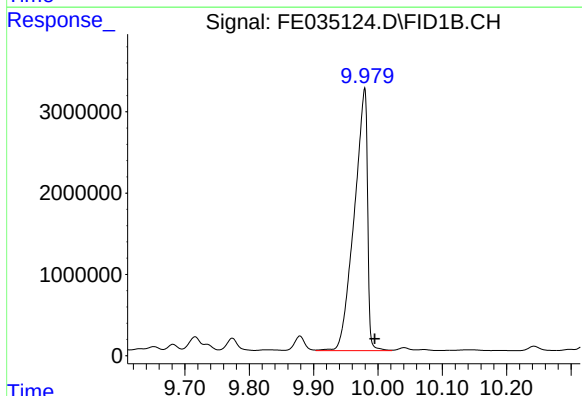
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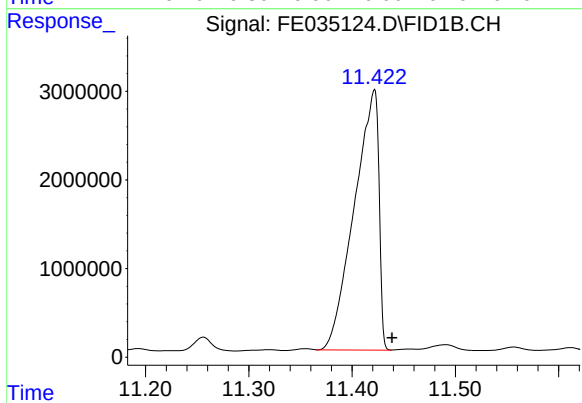
#6 n-Tetradecane (C14)

R.T.: 8.386 min
Delta R.T.: -0.012 min
Response: 32497473
Conc: 36.97 ug/ml



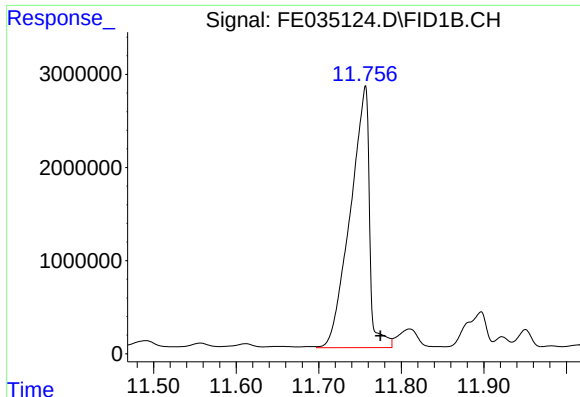
#7 n-Hexadecane (C16)

R.T.: 9.979 min
Delta R.T.: -0.016 min
Response: 46179410
Conc: 51.82 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.422 min
Delta R.T.: -0.017 min
Response: 48495981
Conc: 53.76 ug/ml m



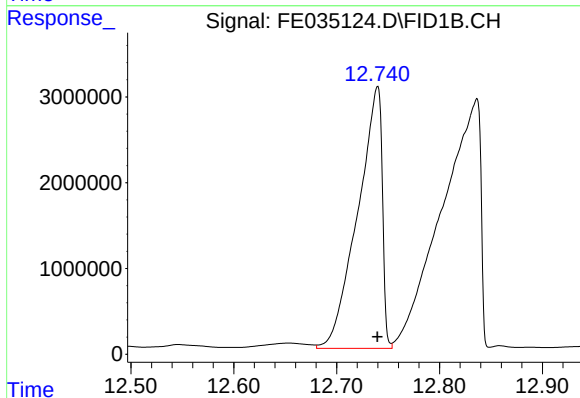
#9 ortho-Terphenyl (SURR)

R.T.: 11.756 min
Delta R.T.: -0.018 min
Response: 45474434
Conc: 45.57 ug/ml

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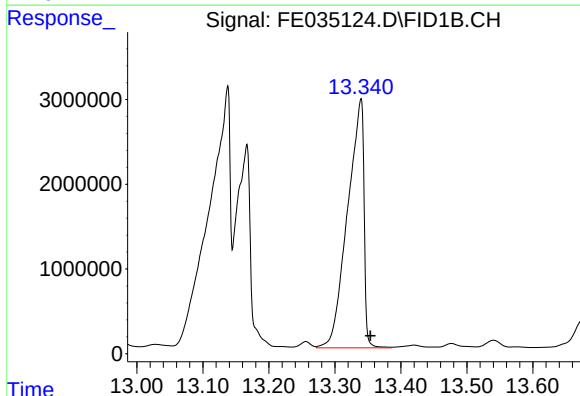
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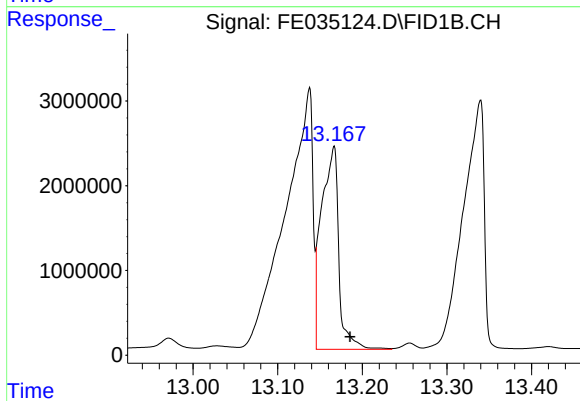
#10 n-Eicosane (C20)

R.T.: 12.740 min
Delta R.T.: 0.000 min
Response: 50478701
Conc: 56.26 ug/ml



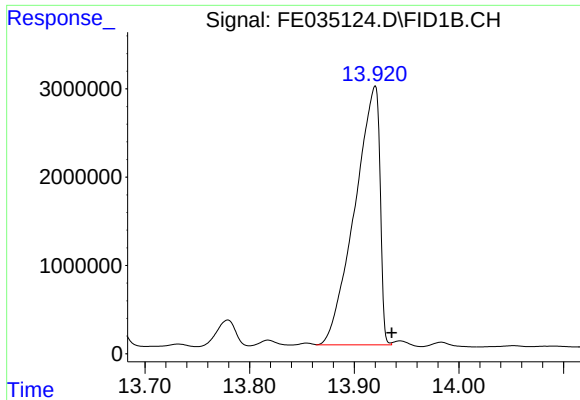
#11 n-Heneicosane (C21)

R.T.: 13.339 min
Delta R.T.: -0.015 min
Response: 50810555
Conc: 56.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.166 min
Delta R.T.: -0.019 min
Response: 34306029
Conc: 44.17 ug/ml



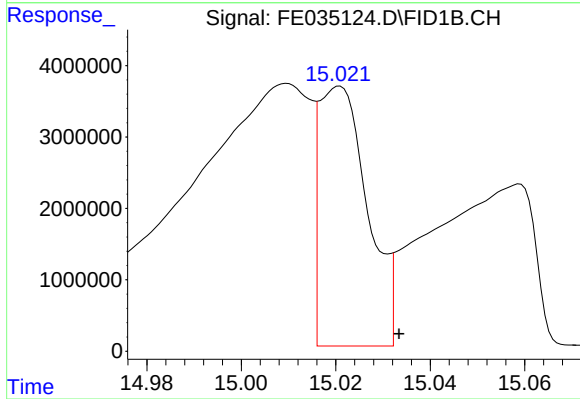
#13 n-Docosane (C22)

R.T.: 13.920 min
Delta R.T.: -0.016 min
Response: 48862095
Conc: 54.56 ug/ml

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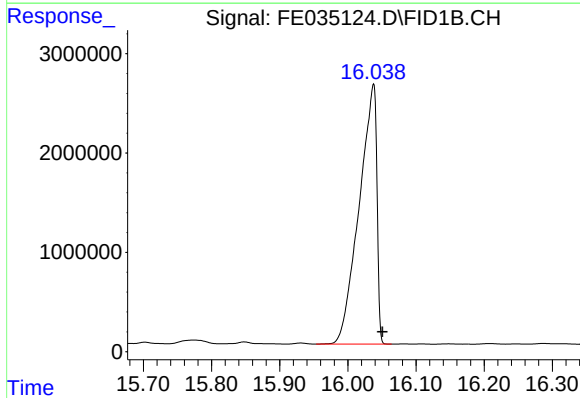
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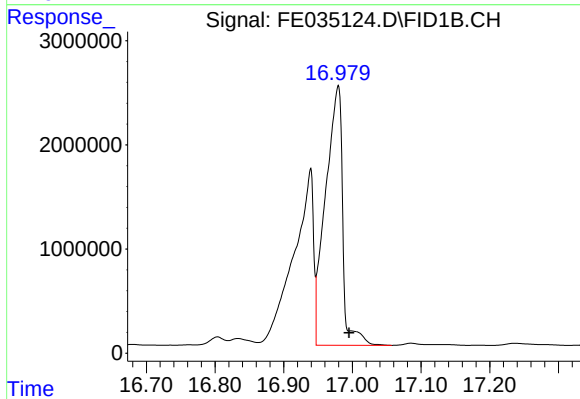
#14 n-Tetracosane (C24)

R.T.: 15.020 min
Delta R.T.: -0.013 min
Response: 25956336
Conc: 29.48 ug/ml



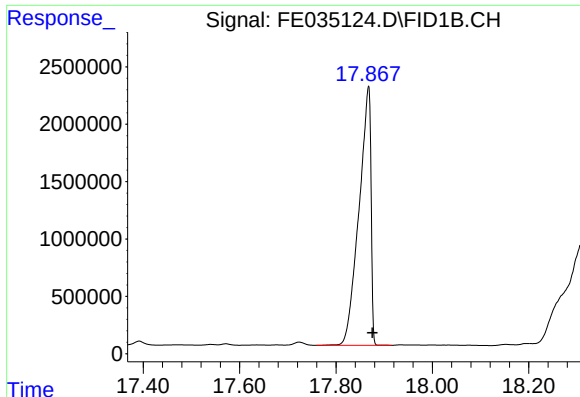
#15 n-Hexacosane (C26)

R.T.: 16.037 min
Delta R.T.: -0.013 min
Response: 47116314
Conc: 55.83 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.979 min
Delta R.T.: -0.016 min
Response: 43426062
Conc: 55.31 ug/ml



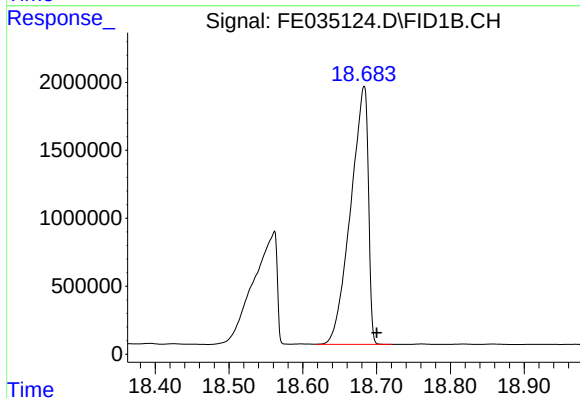
#17 n-Tricontane (C30)

R.T.: 17.867 min
Delta R.T.: -0.009 min
Response: 38919933
Conc: 55.87 ug/ml

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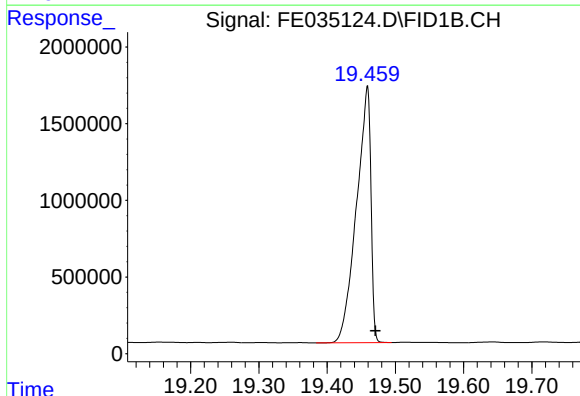
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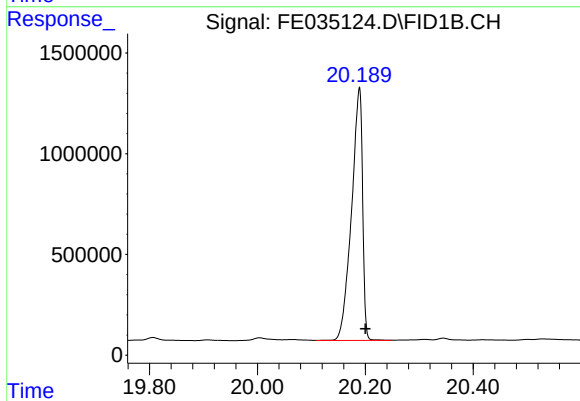
#18 n-Dotriacontane (C32)

R.T.: 18.683 min
Delta R.T.: -0.017 min
Response: 31539601
Conc: 55.88 ug/ml



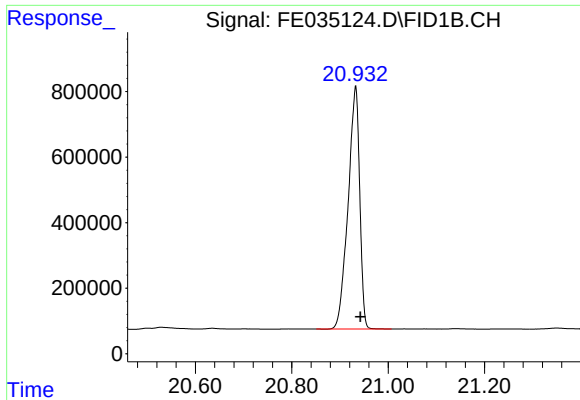
#19 n-Tetratriacontane (C34)

R.T.: 19.459 min
Delta R.T.: -0.012 min
Response: 24524711
Conc: 58.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.189 min
Delta R.T.: -0.011 min
Response: 17810261
Conc: 63.52 ug/ml



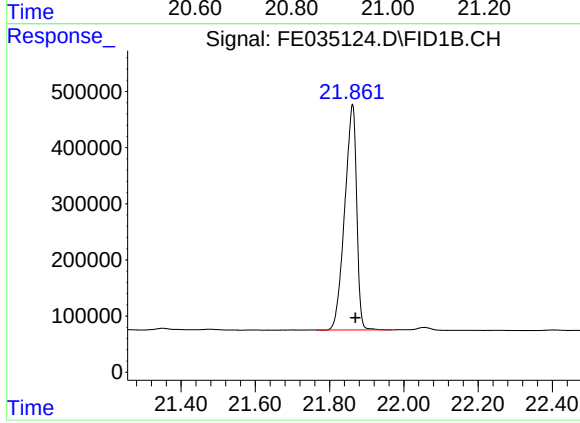
#21 n-Octatriacontane (C38)

R.T.: 20.932 min
Delta R.T.: -0.010 min
Response: 12411473
Conc: 67.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.862 min
Delta R.T.: -0.008 min
Response: 8967668
Conc: 71.98 ug/ml