

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020822AL\
 Data File : FE034880.D
 Signal(s) : FID1B.CH
 Acq On : 08 Feb 2022 17:14
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Manual Integrations
 APPROVED

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

Integration File: sample.E
 Quant Time: Feb 08 21:58:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 21:57:39 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)	11.146	14081311	47.432 ug/ml
Spiked Amount 50.000		Recovery =	94.86%
12) S 1-chlorooctadecane (S...	12.575	10790759	47.603 ug/ml
Spiked Amount 50.000		Recovery =	95.21%
Target Compounds			
1) T n-Nonane (C9)	3.000	12156193	47.240 ug/ml
2) T n-Decane (C10)	4.019	12302654	47.277 ug/ml
3) T A~Naphthalene (C11.7)	5.579	13758941	47.265 ug/ml
4) T n-Dodecane (C12)	6.009	12358026	47.381 ug/ml
5) T A~2-methylnaphthalene...	6.628	13937564	47.541 ug/ml
6) T n-Tetradecane (C14)	7.796	12565185	47.420 ug/ml
7) T n-Hexadecane (C16)	9.392	12591568	47.382 ug/ml
8) T n-Octadecane (C18)	10.831	12798430	47.379 ug/ml
10) T n-Eicosane (C20)	12.133	12541248	47.407 ug/ml
11) T n-Heneicosane (C21)	12.744	12583879	47.431 ug/ml
13) T n-Docosane (C22)	13.328	12396666	47.456 ug/ml
14) T n-Tetracosane (C24)	14.426	12230881	47.599 ug/ml
15) T n-Hexacosane (C26)	15.442	11792085	47.763 ug/ml
16) T n-Octacosane (C28)	16.387	11522401	47.993 ug/ml
17) T n-Tricontane (C30)	17.271	11119775	48.136 ug/ml
18) T n-Dotriacontane (C32)	18.100	10285599	48.031 ug/ml
19) T n-Tetratriacontane (C34)	18.880	9687492	47.825 ug/ml
20) T n-Hexatriacontane (C36)	19.616	9087736	47.657 ug/mlm
21) T n-Octatriacontane (C38)	20.331	8724375	47.537 ug/mlm
22) T n-Tetracontane (C40)	21.185	8908639	47.890 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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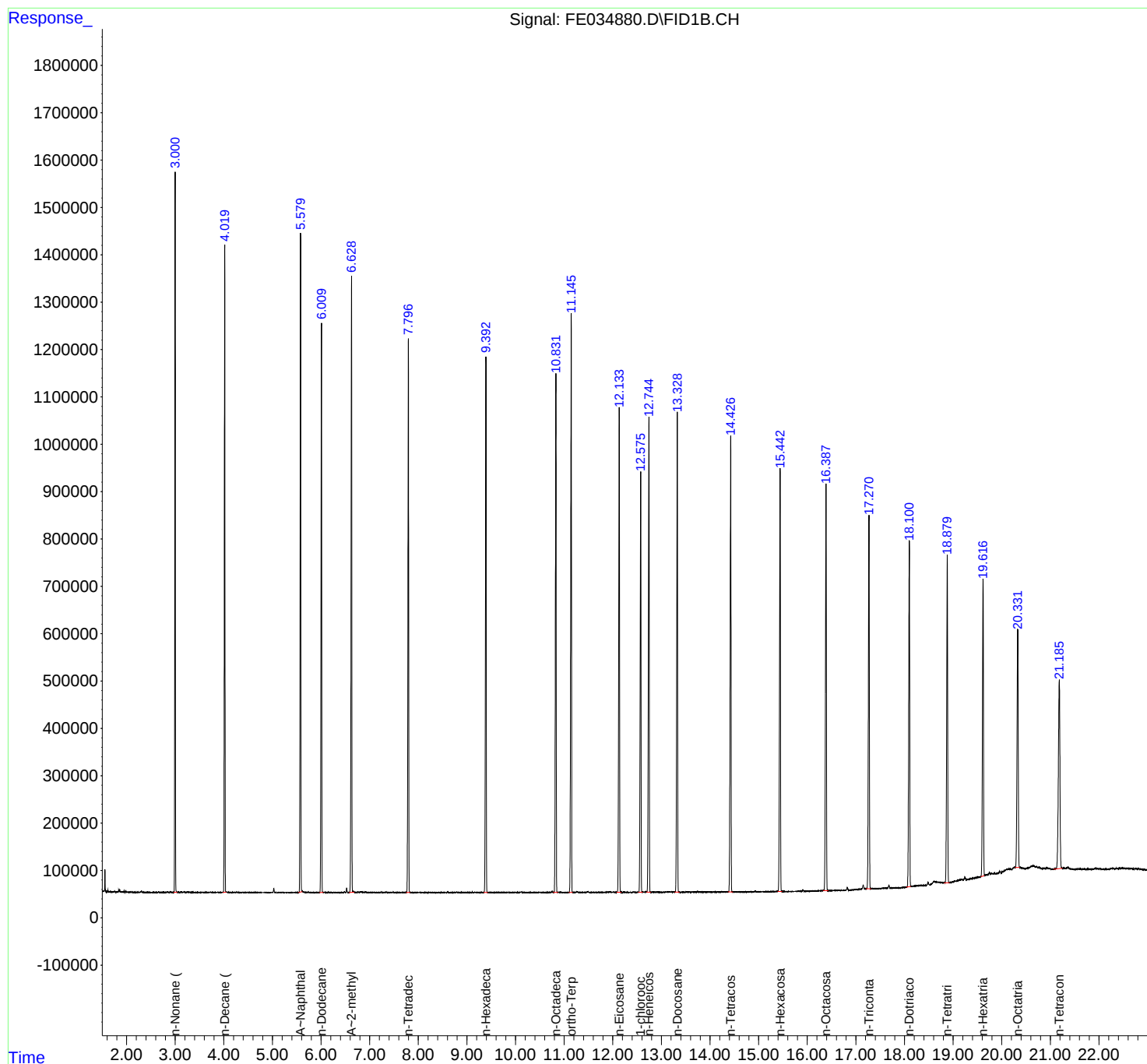
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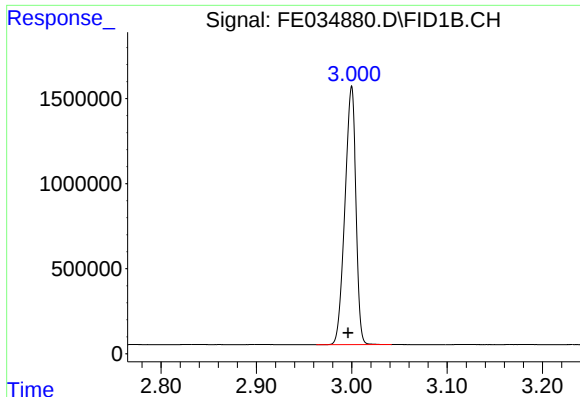
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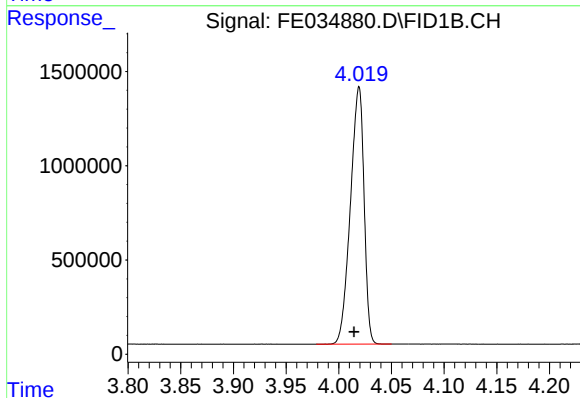
#1 n-Nonane (C9)

R.T.: 3.000 min
Delta R.T.: 0.004 min
Response: 12156193
Conc: 47.24 ug/ml

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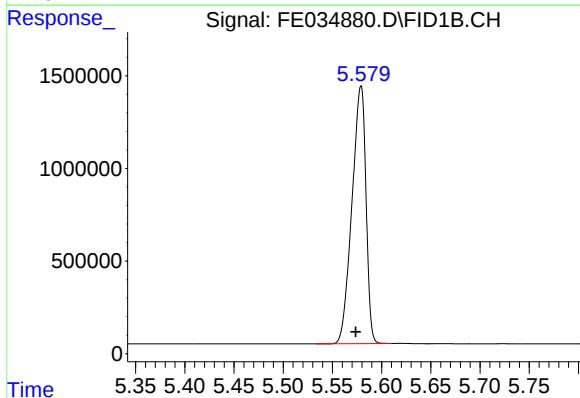
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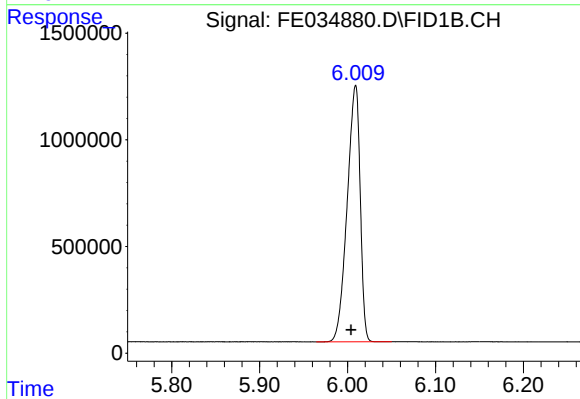
#2 n-Decane (C10)

R.T.: 4.019 min
Delta R.T.: 0.005 min
Response: 12302654
Conc: 47.28 ug/ml



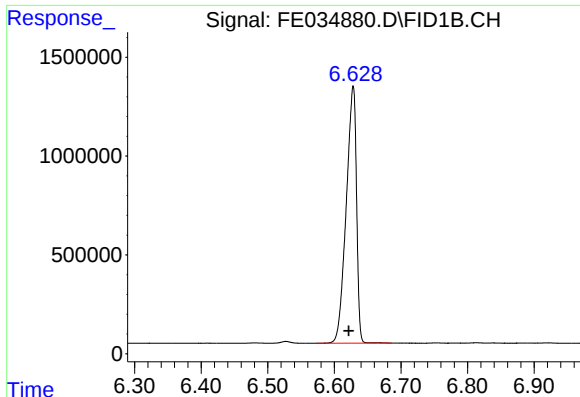
#3 A~Naphthalene (C11.7)

R.T.: 5.579 min
Delta R.T.: 0.005 min
Response: 13758941
Conc: 47.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.009 min
Delta R.T.: 0.005 min
Response: 12358026
Conc: 47.38 ug/ml



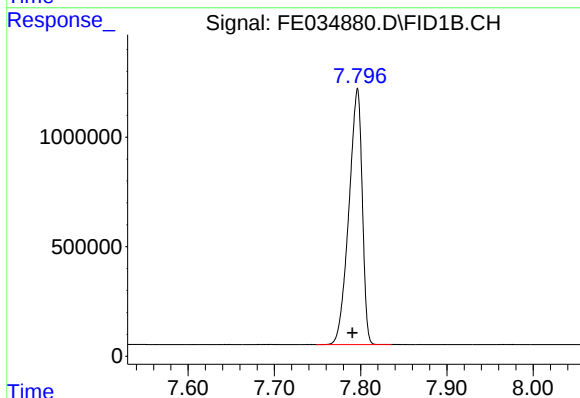
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.628 min
Delta R.T.: 0.007 min
Response: 13937564
Conc: 47.54 ug/ml

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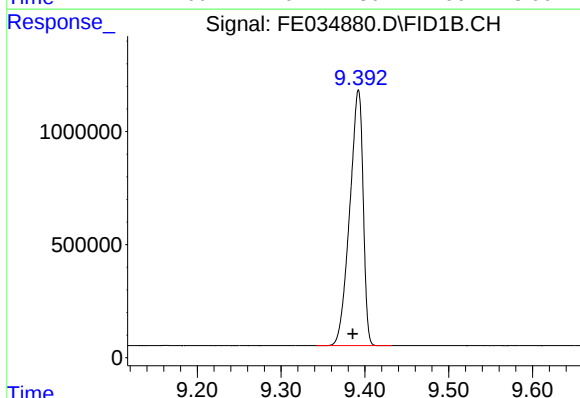
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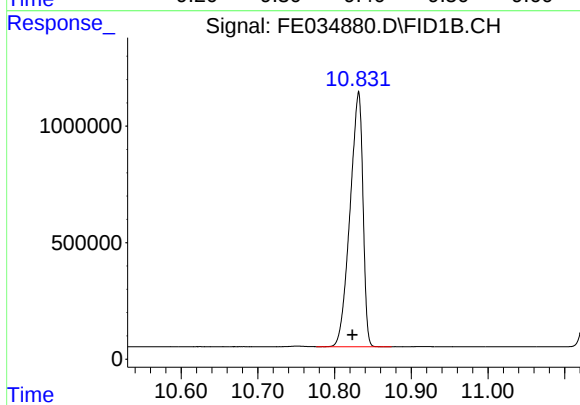
#6 n-Tetradecane (C14)

R.T.: 7.796 min
Delta R.T.: 0.006 min
Response: 12565185
Conc: 47.42 ug/ml



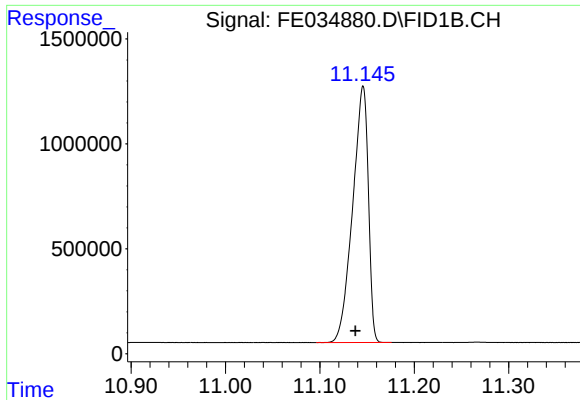
#7 n-Hexadecane (C16)

R.T.: 9.392 min
Delta R.T.: 0.007 min
Response: 12591568
Conc: 47.38 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.831 min
Delta R.T.: 0.008 min
Response: 12798430
Conc: 47.38 ug/ml



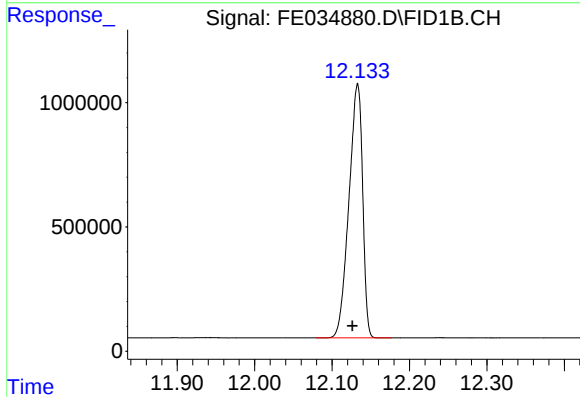
#9 ortho-Terphenyl (SURR)

R.T.: 11.146 min
Delta R.T.: 0.008 min
Response: 14081311
Conc: 47.43 ug/ml

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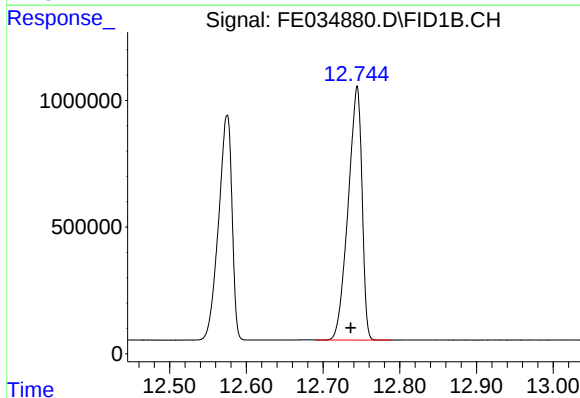
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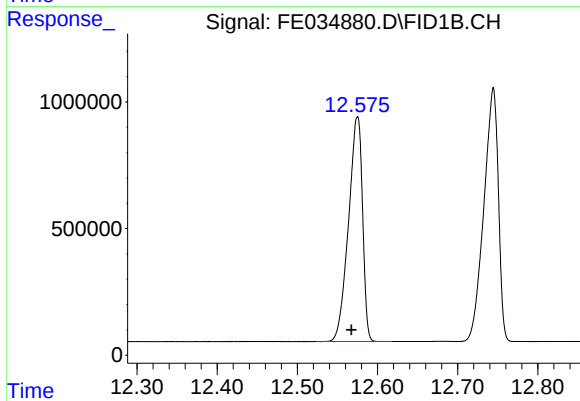
#10 n-Eicosane (C20)

R.T.: 12.133 min
Delta R.T.: 0.007 min
Response: 12541248
Conc: 47.41 ug/ml



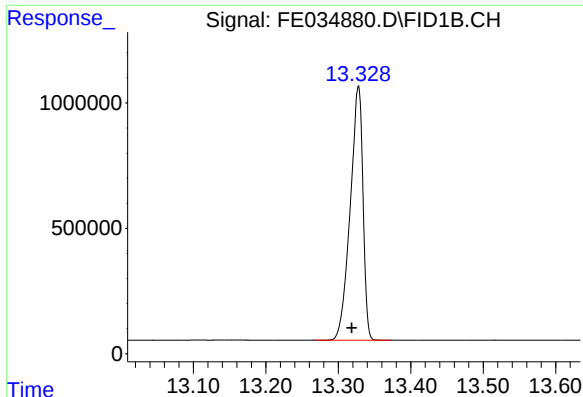
#11 n-Heneicosane (C21)

R.T.: 12.744 min
Delta R.T.: 0.008 min
Response: 12583879
Conc: 47.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.575 min
Delta R.T.: 0.008 min
Response: 10790759
Conc: 47.60 ug/ml



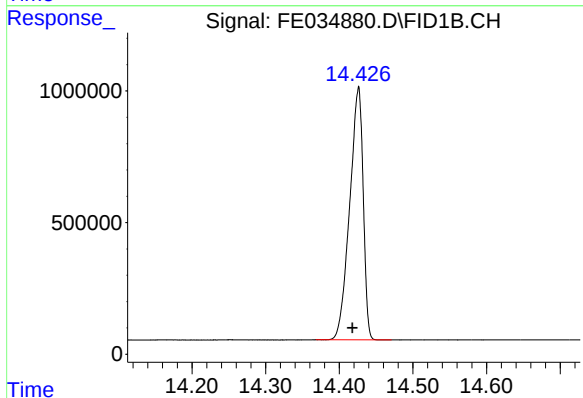
#13 n-Docosane (C22)

R.T.: 13.328 min
Delta R.T.: 0.009 min
Response: 12396666
Conc: 47.46 ug/ml

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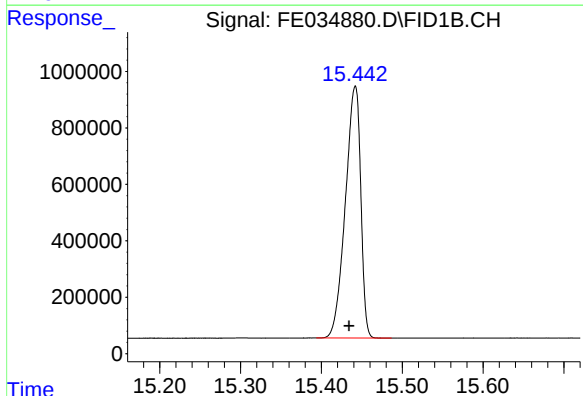
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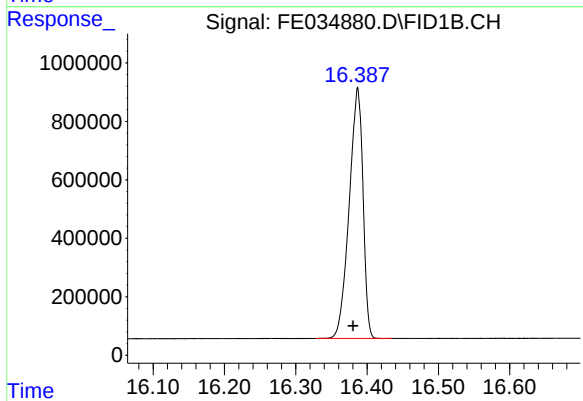
#14 n-Tetracosane (C24)

R.T.: 14.426 min
Delta R.T.: 0.008 min
Response: 12230881
Conc: 47.60 ug/ml



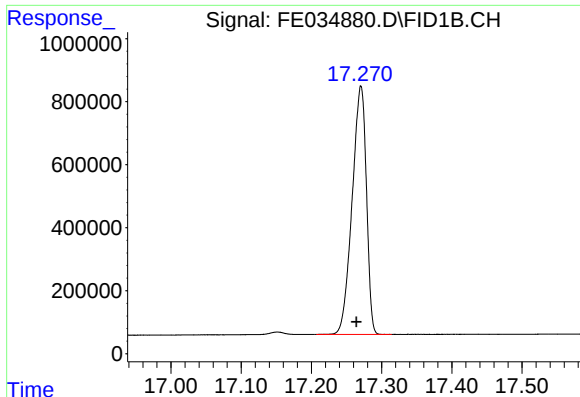
#15 n-Hexacosane (C26)

R.T.: 15.442 min
Delta R.T.: 0.008 min
Response: 11792085
Conc: 47.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.387 min
Delta R.T.: 0.007 min
Response: 11522401
Conc: 47.99 ug/ml



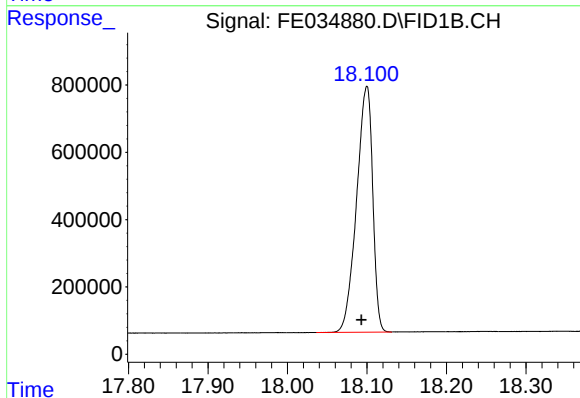
#17 n-Tricontane (C30)

R.T.: 17.271 min
Delta R.T.: 0.007 min
Response: 11119775
Conc: 48.14 ug/ml

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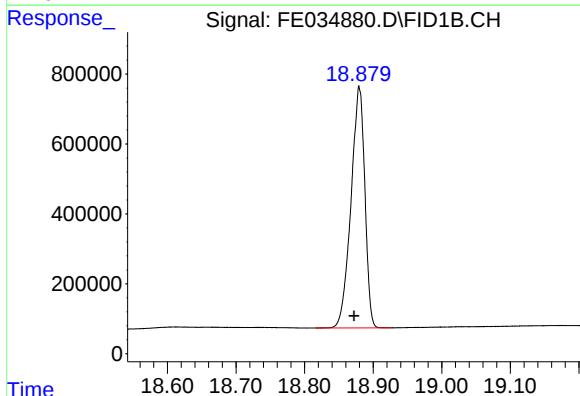
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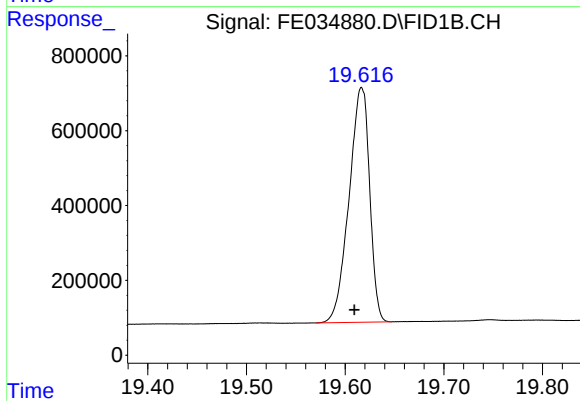
#18 n-Dotriacontane (C32)

R.T.: 18.100 min
Delta R.T.: 0.007 min
Response: 10285599
Conc: 48.03 ug/ml



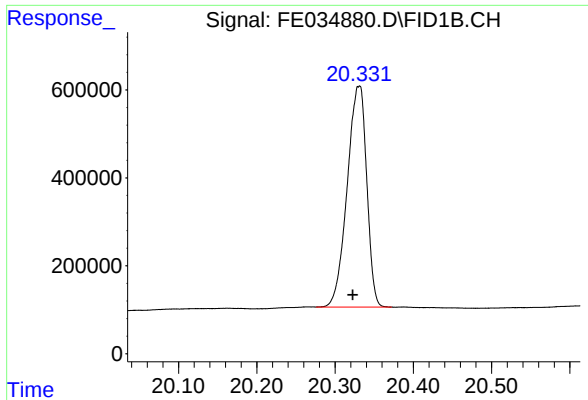
#19 n-Tetratriacontane (C34)

R.T.: 18.880 min
Delta R.T.: 0.007 min
Response: 9687492
Conc: 47.83 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.616 min
Delta R.T.: 0.007 min
Response: 9087736
Conc: 47.66 ug/ml m



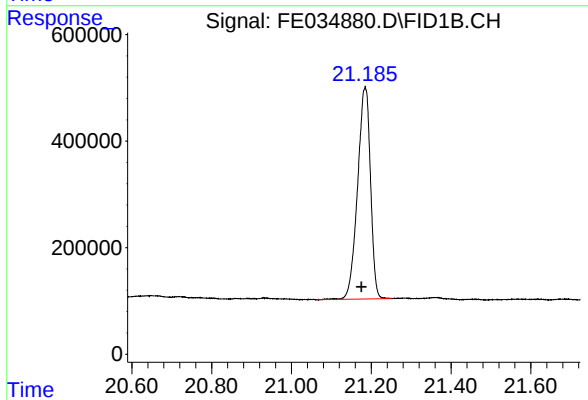
#21 n-Octatriacontane (C38)

R.T.: 20.331 min
Delta R.T.: 0.008 min
Response: 8724375
Conc: 47.54 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.185 min
Delta R.T.: 0.010 min
Response: 8908639
Conc: 47.89 ug/ml