

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020822AL\
 Data File : FE034900.D
 Signal(s) : FID1B.CH
 Acq On : 09 Feb 2022 4:37
 Operator : YP\AJ
 Sample : PB142518BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB142518BS

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 10:18:25 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)	11.141	13740223	46.916 ug/ml
Spiked Amount 50.000		Recovery =	93.83%
12) S 1-chlorooctadecane (S...	12.569	10642557	47.601 ug/ml
Spiked Amount 50.000		Recovery =	95.20%
Target Compounds			
1) T n-Nonane (C9)	3.047f	12170474	47.979 ug/ml
2) T n-Decane (C10)	4.042	12659516	49.322 ug/ml
3) T A~Naphthalene (C11.7)	5.582	14609970	50.927 ug/ml
4) T n-Dodecane (C12)	6.008	13052707	50.733 ug/ml
5) T A~2-methylnaphthalene...	6.626	14240536	49.217 ug/ml
6) T n-Tetradecane (C14)	7.795	13144712	50.254 ug/ml
7) T n-Hexadecane (C16)	9.387	13230252	50.453 ug/ml
8) T n-Octadecane (C18)	10.827	13349378	50.066 ug/ml
10) T n-Eicosane (C20)	12.130	13027129	49.881 ug/ml
11) T n-Heneicosane (C21)	12.738	12818948	48.933 ug/ml
13) T n-Docosane (C22)	13.323	12654317	49.088 ug/ml
14) T n-Tetracosane (C24)	14.403	15922419	62.799 ug/mlm
15) T n-Hexacosane (C26)	15.441	12030915	49.271 ug/ml
16) T n-Octacosane (C28)	16.382	11884976	49.947 ug/ml
17) T n-Tricontane (C30)	17.272	11375046	49.461 ug/ml
18) T n-Dotriacontane (C32)	18.096	10809312	50.569 ug/ml
19) T n-Tetratriacontane (C34)	18.875	10067877	49.954 ug/ml
20) T n-Hexatriacontane (C36)	19.610	8065760	42.643 ug/ml
21) T n-Octatriacontane (C38)	20.320	5845751	32.132 ug/ml
22) T n-Tetracontane (C40)	21.167	4502445	24.579 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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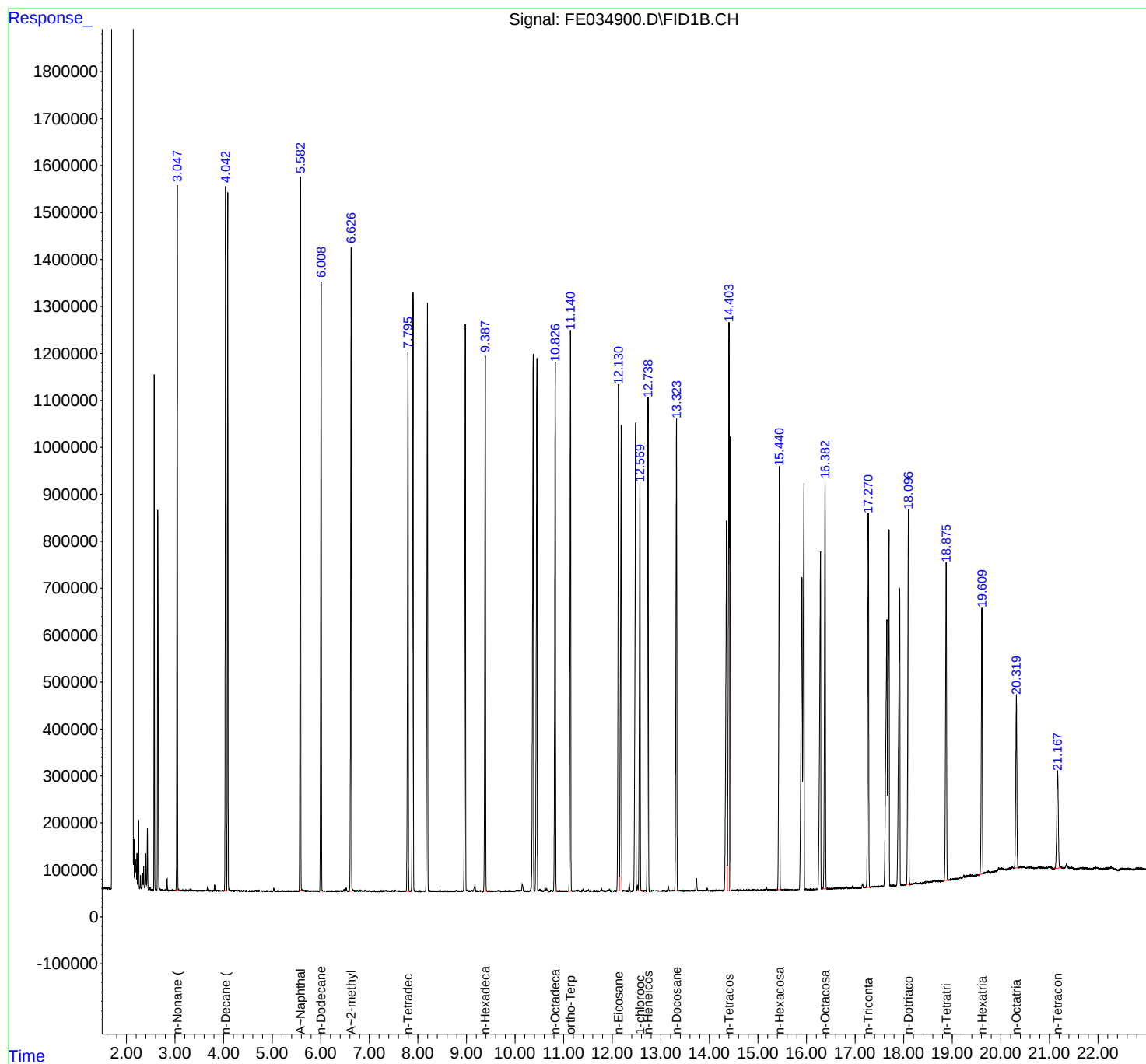
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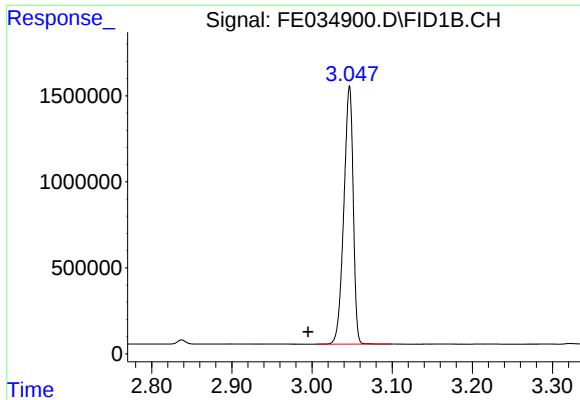
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#1 n-Nonane (C9)

R.T.: 3.047 min
Delta R.T.: 0.052 min
Response: 12170474
Conc: 47.98 ug/ml

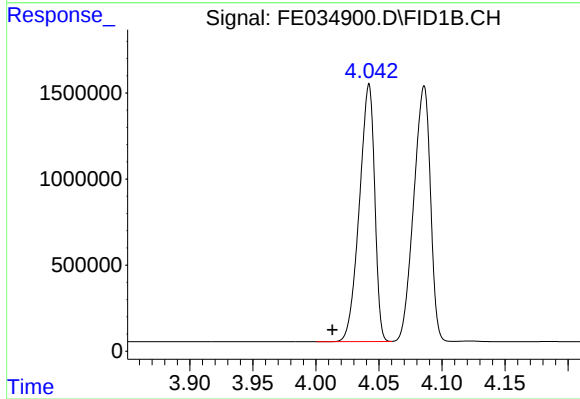
Instrument :

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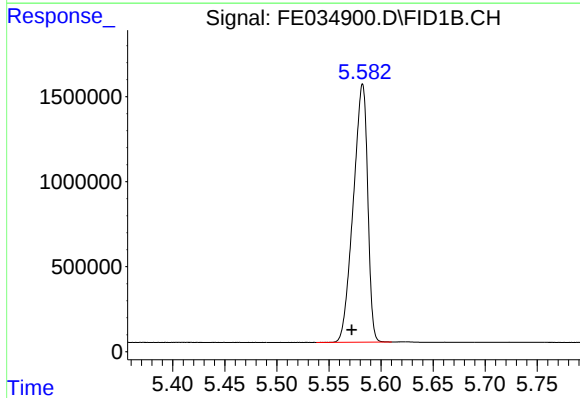
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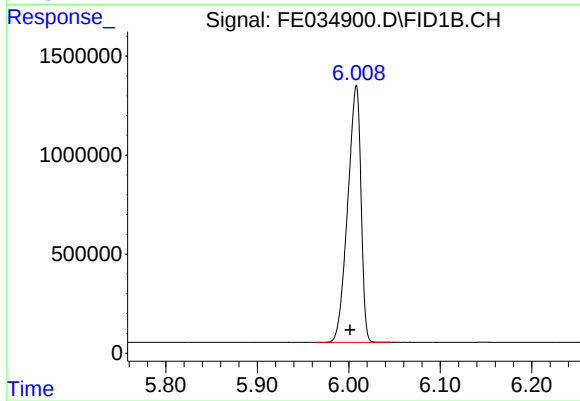
#2 n-Decane (C10)

R.T.: 4.042 min
Delta R.T.: 0.029 min
Response: 12659516
Conc: 49.32 ug/ml



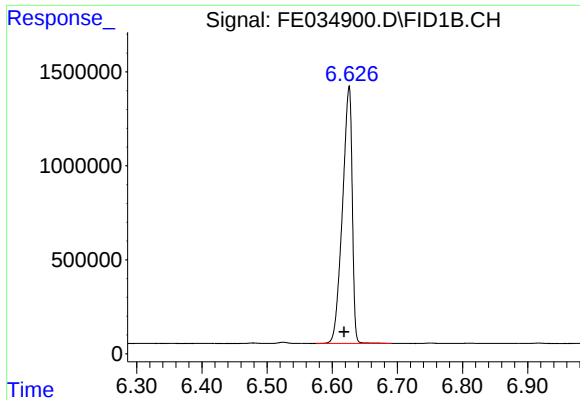
#3 A~Naphthalene (C11.7)

R.T.: 5.582 min
Delta R.T.: 0.011 min
Response: 14609970
Conc: 50.93 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.008 min
Delta R.T.: 0.007 min
Response: 13052707
Conc: 50.73 ug/ml



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

R.T.: 6.626 min
Delta R.T.: 0.008 min
Response: 14240536
Conc: 49.22 ug/ml

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FID_E

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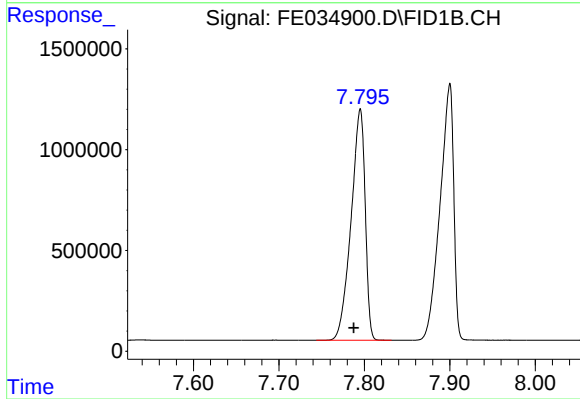
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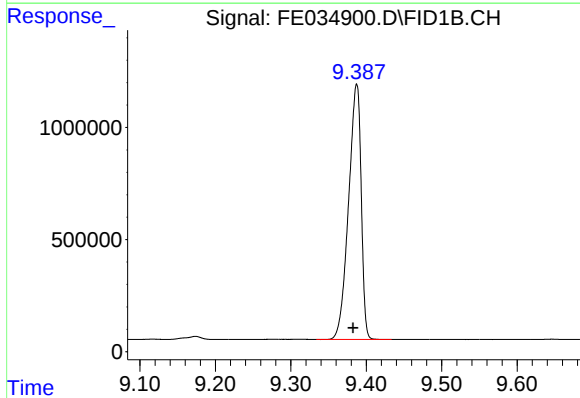
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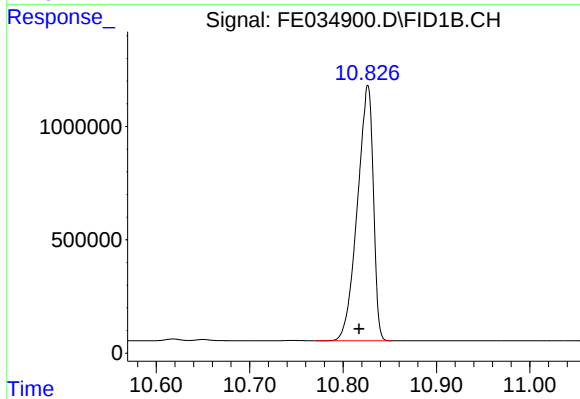
#6 n-Tetradecane (C14)

R.T.: 7.795 min
Delta R.T.: 0.008 min
Response: 13144712
Conc: 50.25 ug/ml



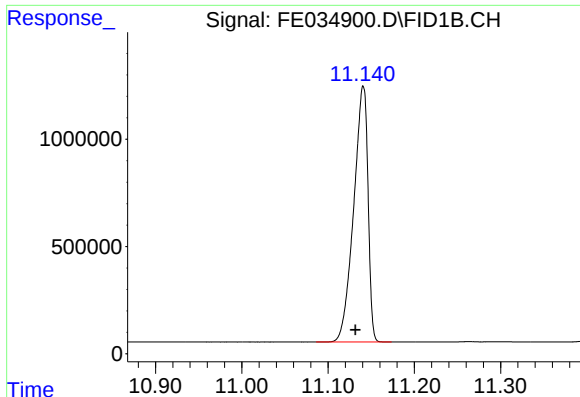
#7 n-Hexadecane (C16)

R.T.: 9.387 min
Delta R.T.: 0.005 min
Response: 13230252
Conc: 50.45 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.827 min
Delta R.T.: 0.009 min
Response: 13349378
Conc: 50.07 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.141 min
Delta R.T.: 0.009 min
Response: 13740223
Conc: 46.92 ug/ml

Instrument :

FID_E

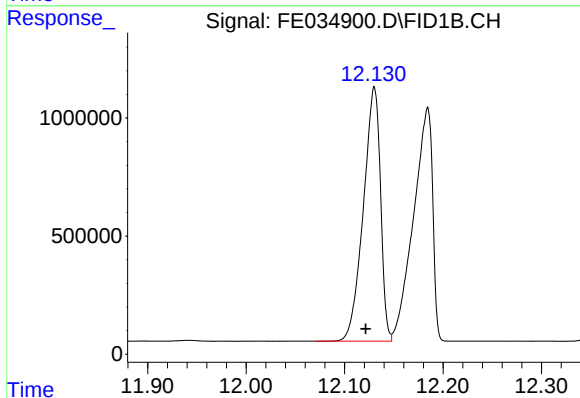
ClientSampleId :

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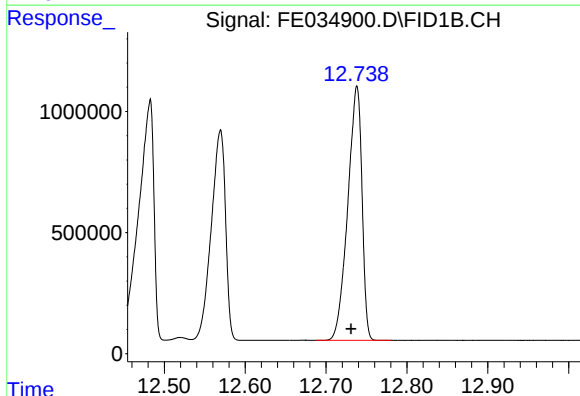
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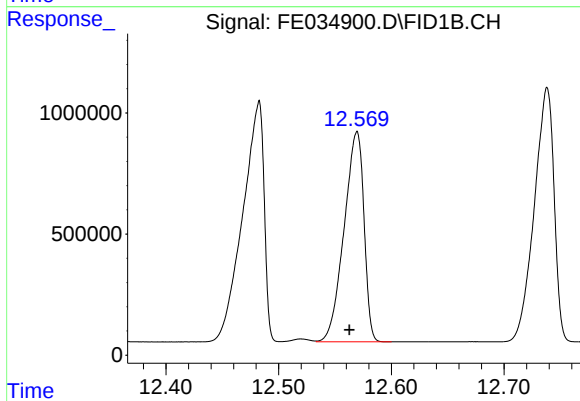
#10 n-Eicosane (C20)

R.T.: 12.130 min
Delta R.T.: 0.009 min
Response: 13027129
Conc: 49.88 ug/ml



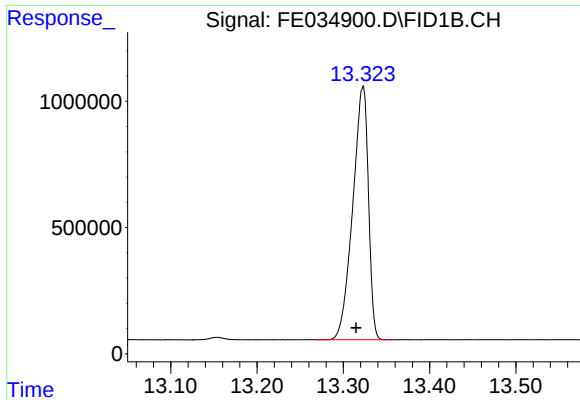
#11 n-Heneicosane (C21)

R.T.: 12.738 min
Delta R.T.: 0.007 min
Response: 12818948
Conc: 48.93 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.569 min
Delta R.T.: 0.007 min
Response: 10642557
Conc: 47.60 ug/ml



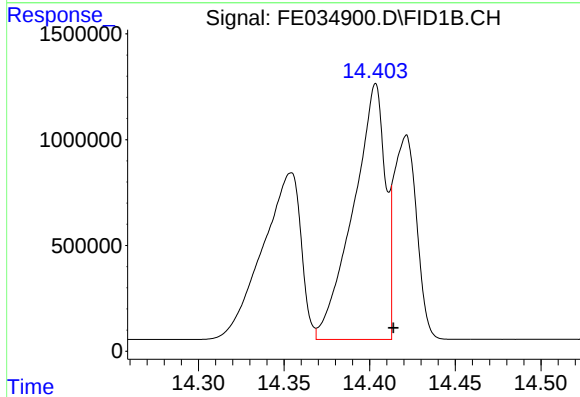
#13 n-Docosane (C22)

R.T.: 13.323 min
Delta R.T.: 0.008 min
Response: 12654317
Conc: 49.09 ug/ml

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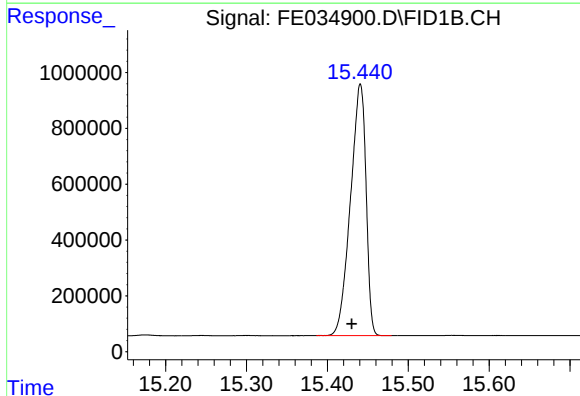
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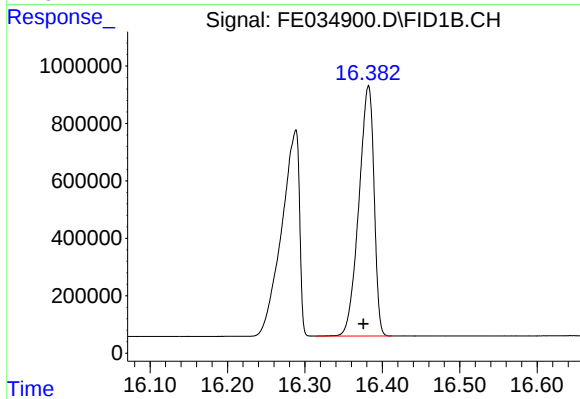
#14 n-Tetracosane (C24)

R.T.: 14.403 min
Delta R.T.: -0.011 min
Response: 15922419
Conc: 62.80 ug/ml m



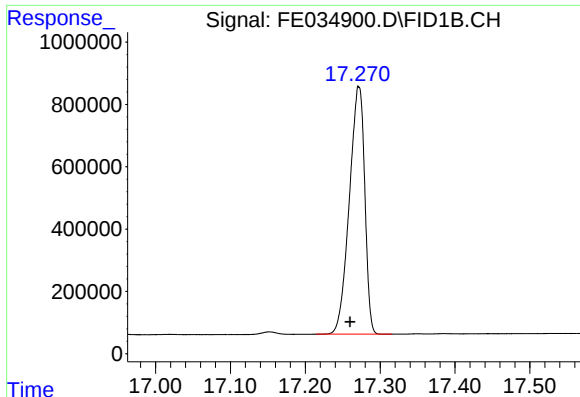
#15 n-Hexacosane (C26)

R.T.: 15.441 min
Delta R.T.: 0.011 min
Response: 12030915
Conc: 49.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.382 min
Delta R.T.: 0.007 min
Response: 11884976
Conc: 49.95 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.272 min
Delta R.T.: 0.012 min
Response: 11375046
Conc: 49.46 ug/ml

Instrument :

FID_E

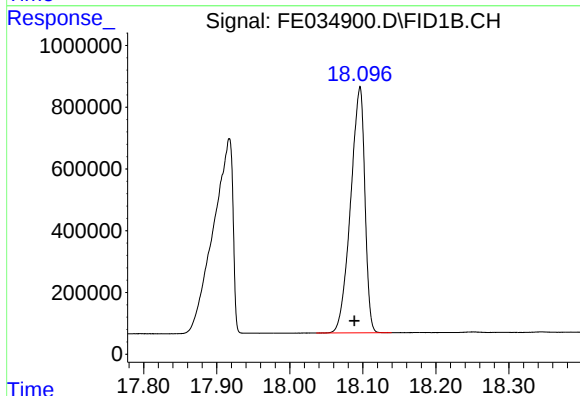
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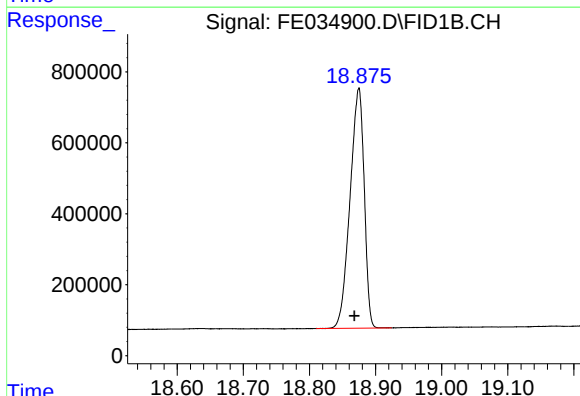
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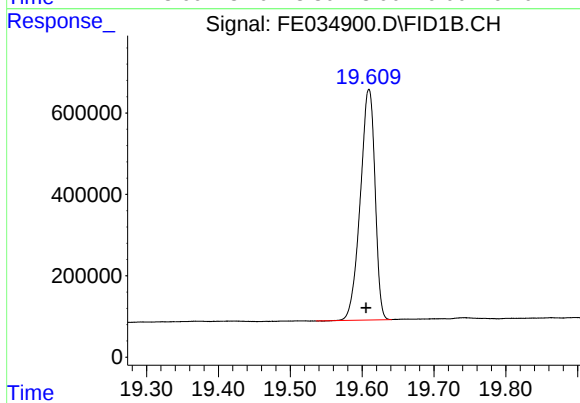
#18 n-Dotriacontane (C32)

R.T.: 18.096 min
Delta R.T.: 0.008 min
Response: 10809312
Conc: 50.57 ug/ml



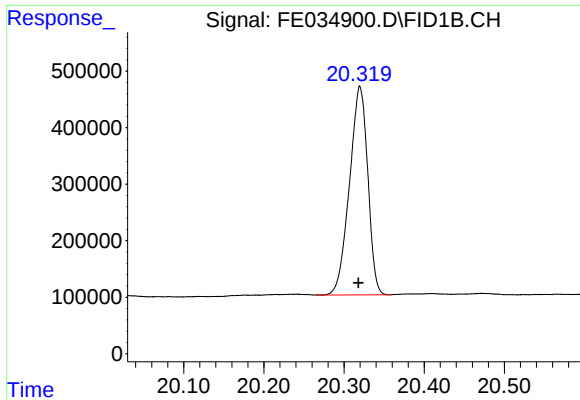
#19 n-Tetratriacontane (C34)

R.T.: 18.875 min
Delta R.T.: 0.007 min
Response: 10067877
Conc: 49.95 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.610 min
Delta R.T.: 0.004 min
Response: 8065760
Conc: 42.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.320 min
Delta R.T.: 0.002 min
Response: 5845751
Conc: 32.13 ug/ml

Instrument :

FID_E

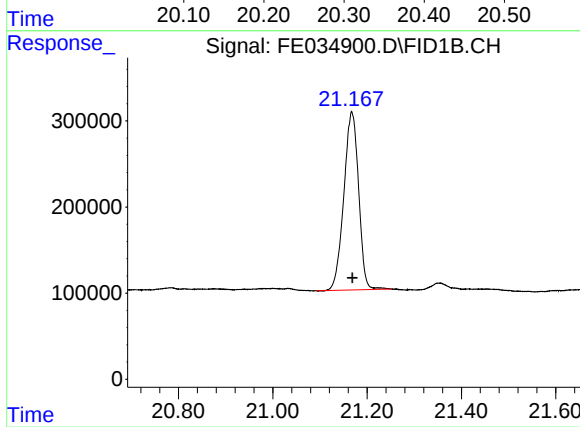
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#22 n-Tetracontane (C40)

R.T.: 21.167 min
Delta R.T.: -0.001 min
Response: 4502445
Conc: 24.58 ug/ml