

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021225AL\
 Data File : FE052370.D
 Signal(s) : FID1B.ch
 Acq On : 12 Feb 2025 16:08
 Operator : YP\AJ
 Sample : Q1353-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 346MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/13/2025
 Supervised By :Ankita Jodhani 02/13/2025

Integration File: autoint1.e
 Quant Time: Feb 13 00:27:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 07 07:52:07 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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)	12.325	3622358	29.267 ug/mlm
Spiked Amount 50.000		Recovery =	58.53%
12) S 1-chlorooctadecane (S...	13.736	3025670	30.658 ug/ml
Spiked Amount 50.000		Recovery =	61.32%
Target Compounds			
1) T n-Nonane (C9)	3.794	2502415	26.791 ug/ml
2) T n-Decane (C10)	5.021	2866667	29.851 ug/ml
3) T A~Naphthalene (C11.7)	6.723	3580688	33.504 ug/ml
4) T n-Dodecane (C12)	7.149	3208979	32.376 ug/ml
5) T A~2-methylnaphthalene...	7.804	3478381	33.212 ug/ml
6) T n-Tetradecane (C14)	8.958	3546032	35.140 ug/ml
7) T n-Hexadecane (C16)	10.552	3729090	34.365 ug/ml
8) T n-Octadecane (C18)	11.986	3833207	33.743 ug/ml
10) T n-Eicosane (C20)	13.289	3960823	35.098 ug/ml
11) T n-Heneicosane (C21)	13.897	3808621	33.820 ug/ml
13) T n-Docosane (C22)	14.481	3756659	33.189 ug/ml
14) T n-Tetracosane (C24)	15.564	7788083	67.735 ug/ml
15) T n-Hexacosane (C26)	16.596	3606403	31.447 ug/ml
16) T n-Octacosane (C28)	17.541	3497760	30.914 ug/ml
17) T n-Tricontane (C30)	18.425	3521230	30.902 ug/ml
18) T n-Dotriacontane (C32)	19.254	3418875	31.358 ug/ml
19) T n-Tetratriacontane (C34)	20.034	3202531	33.756 ug/mlm
20) T n-Hexatriacontane (C36)	20.771	3014857	36.487 ug/ml
21) T n-Octatriacontane (C38)	21.590	3252637	43.782 ug/ml
22) T n-Tetracontane (C40)	22.635	3314323	44.455 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021225AL\
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Acq On : 12 Feb 2025 16:08
Operator : YP\AJ
Sample : Q1353-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

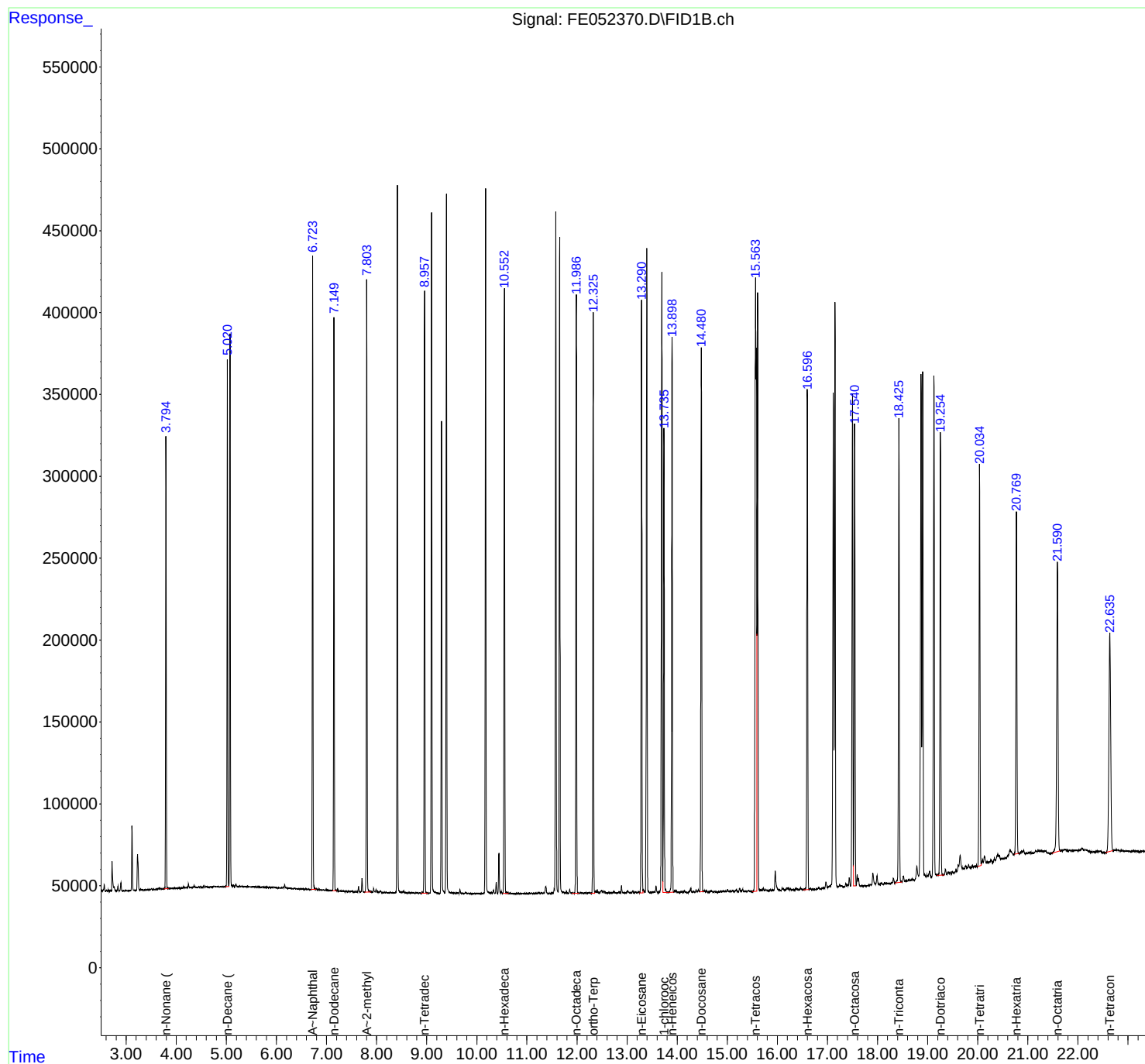
Instrument :
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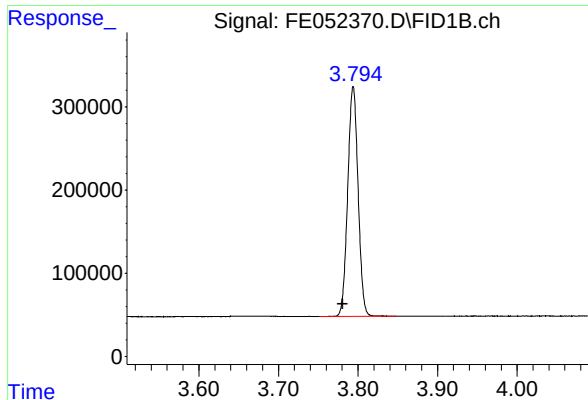
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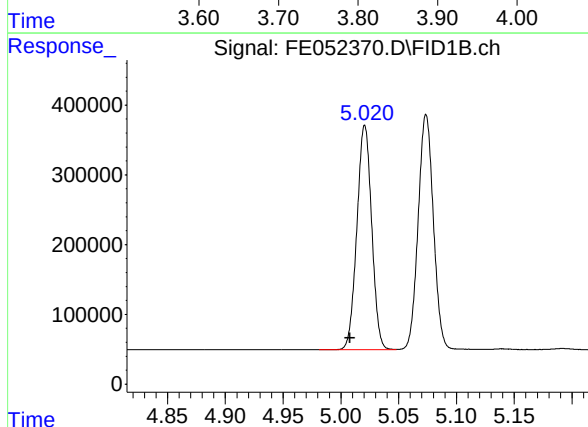
#1 n-Nonane (C9)

R.T.: 3.794 min
Delta R.T.: 0.013 min
Response: 2502415
Conc: 26.79 ug/ml

Instrument :
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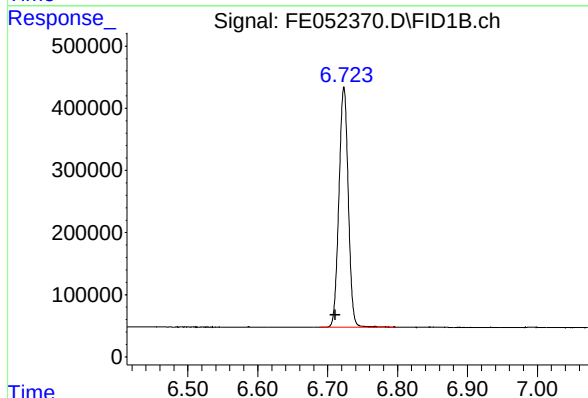
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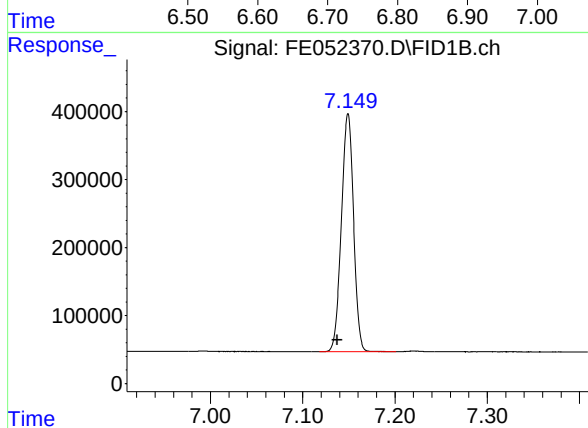
#2 n-Decane (C10)

R.T.: 5.021 min
Delta R.T.: 0.013 min
Response: 2866667
Conc: 29.85 ug/ml



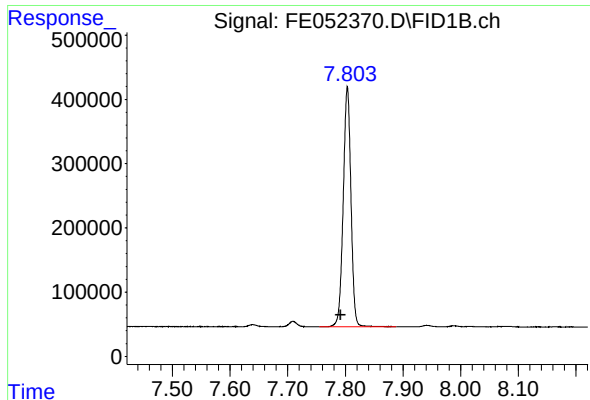
#3 A~Naphthalene (C11.7)

R.T.: 6.723 min
Delta R.T.: 0.012 min
Response: 3580688
Conc: 33.50 ug/ml



#4 n-Dodecane (C12)

R.T.: 7.149 min
Delta R.T.: 0.012 min
Response: 3208979
Conc: 32.38 ug/ml



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

R.T.: 7.804 min
Delta R.T.: 0.012 min
Response: 3478381
Conc: 33.21 ug/ml

Instrument :

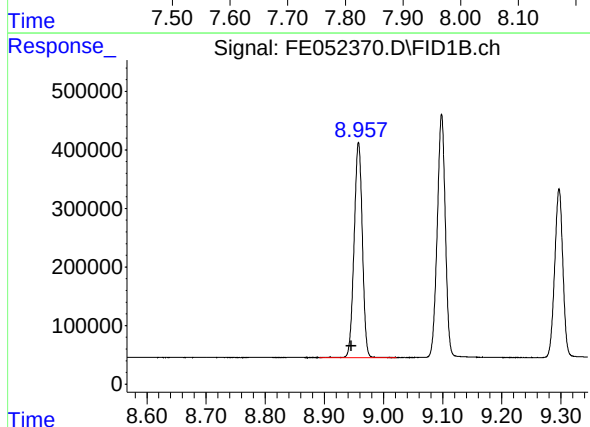
FID_E

ClientSampleId :

346MSD

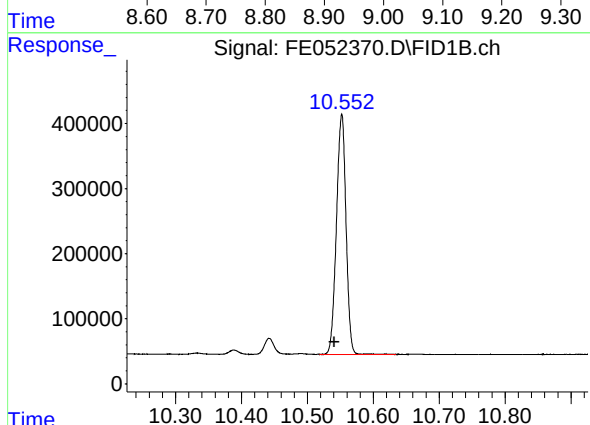
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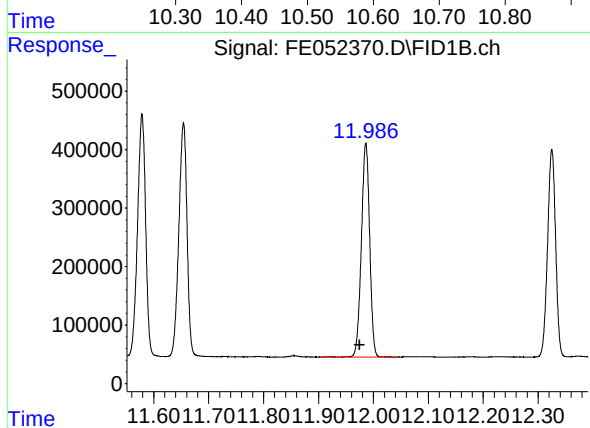
#6 n-Tetradecane (C14)

R.T.: 8.958 min
Delta R.T.: 0.012 min
Response: 3546032
Conc: 35.14 ug/ml



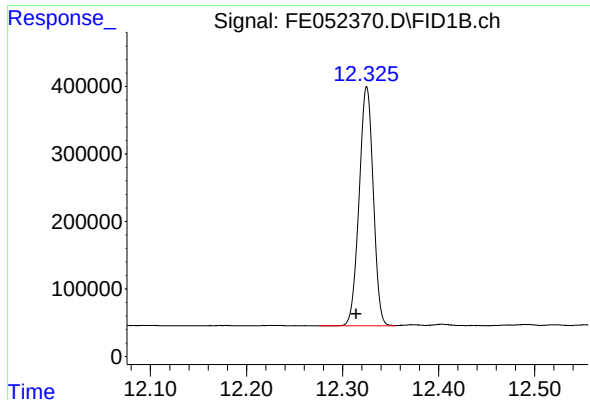
#7 n-Hexadecane (C16)

R.T.: 10.552 min
Delta R.T.: 0.011 min
Response: 3729090
Conc: 34.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.986 min
Delta R.T.: 0.011 min
Response: 3833207
Conc: 33.74 ug/ml



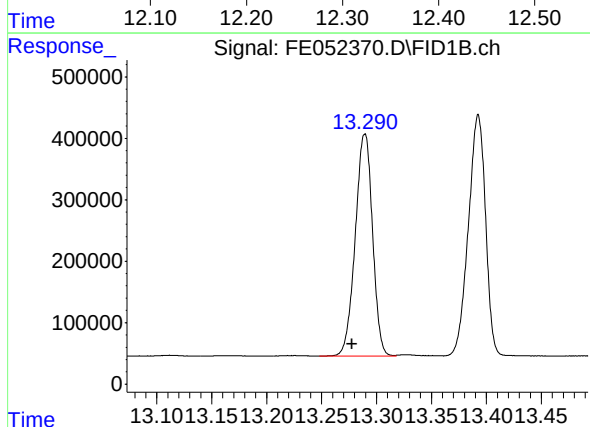
#9 ortho-Terphenyl (SURR)

R.T.: 12.325 min
Delta R.T.: 0.010 min
Response: 3622358
Conc: 29.27 ug/ml

Instrument :
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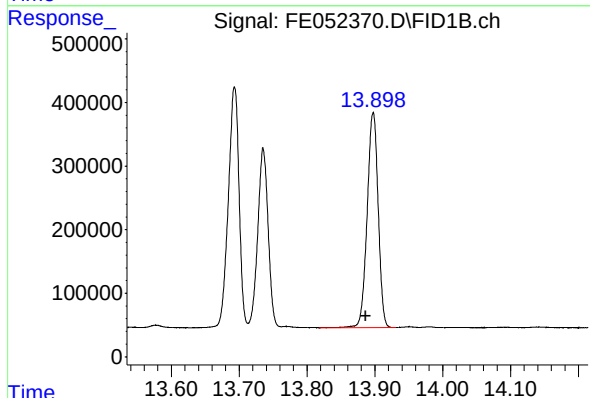
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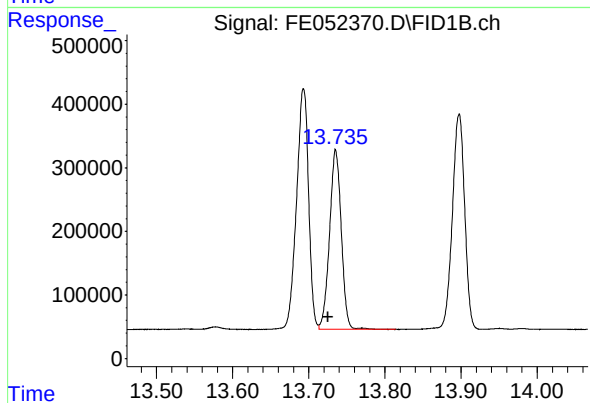
#10 n-Eicosane (C20)

R.T.: 13.289 min
Delta R.T.: 0.012 min
Response: 3960823
Conc: 35.10 ug/ml



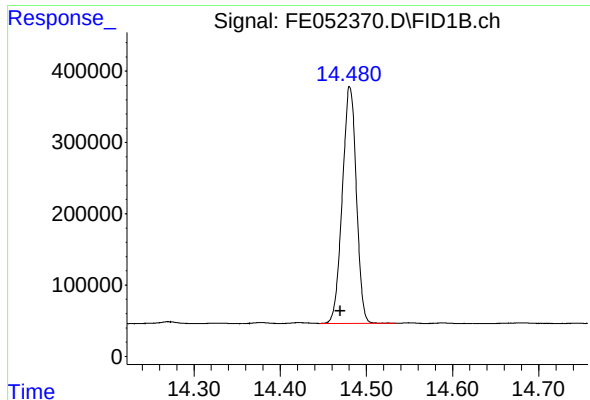
#11 n-Heneicosane (C21)

R.T.: 13.897 min
Delta R.T.: 0.011 min
Response: 3808621
Conc: 33.82 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.736 min
Delta R.T.: 0.010 min
Response: 3025670
Conc: 30.66 ug/ml



#13 n-Docosane (C22)

R.T.: 14.481 min
Delta R.T.: 0.011 min
Response: 3756659
Conc: 33.19 ug/ml

Instrument :

FID_E

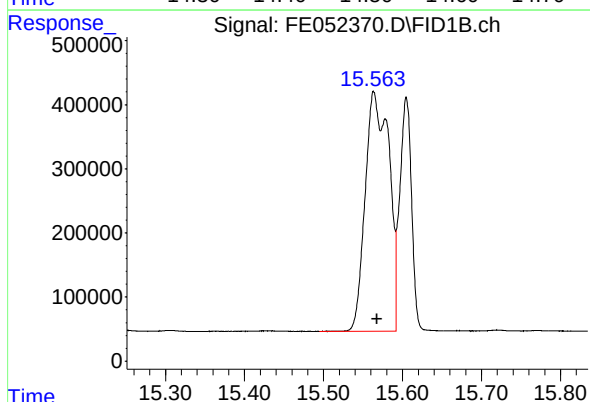
ClientSampleId :

346MSD

Manual Integrations

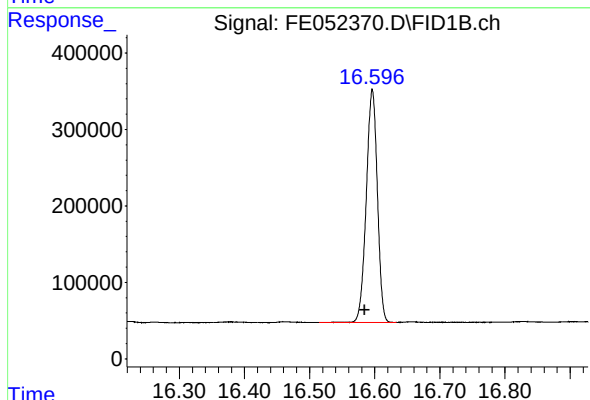
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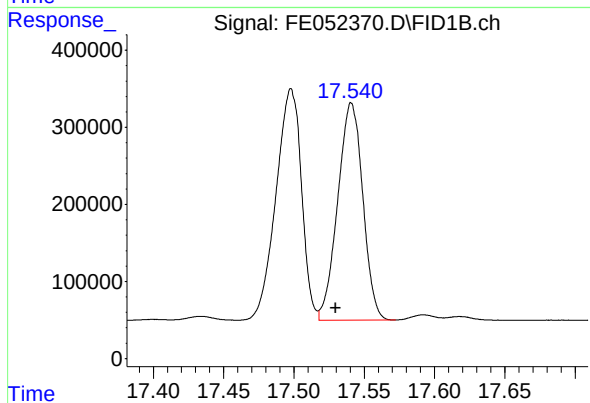
#14 n-Tetracosane (C24)

R.T.: 15.564 min
Delta R.T.: -0.003 min
Response: 7788083
Conc: 67.74 ug/ml



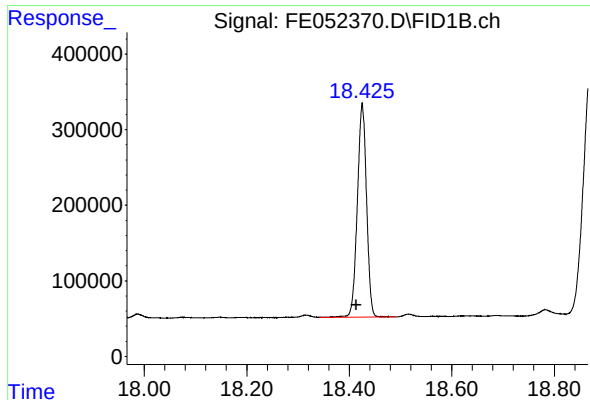
#15 n-Hexacosane (C26)

R.T.: 16.596 min
Delta R.T.: 0.012 min
Response: 3606403
Conc: 31.45 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.541 min
Delta R.T.: 0.011 min
Response: 3497760
Conc: 30.91 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.425 min
Delta R.T.: 0.012 min
Response: 3521230
Conc: 30.90 ug/ml

Instrument :

FID_E

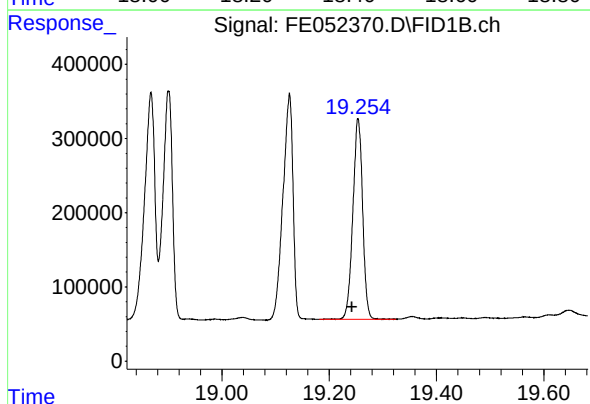
ClientSampleId :

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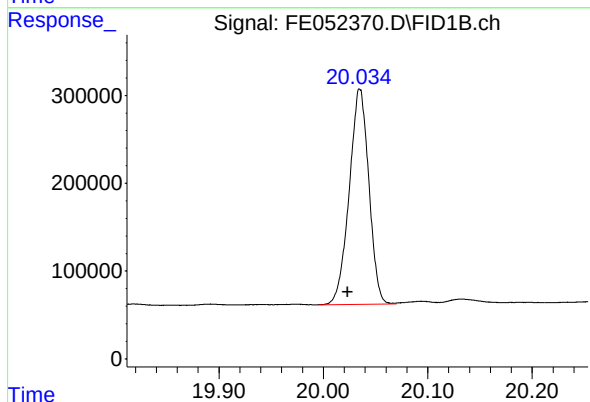
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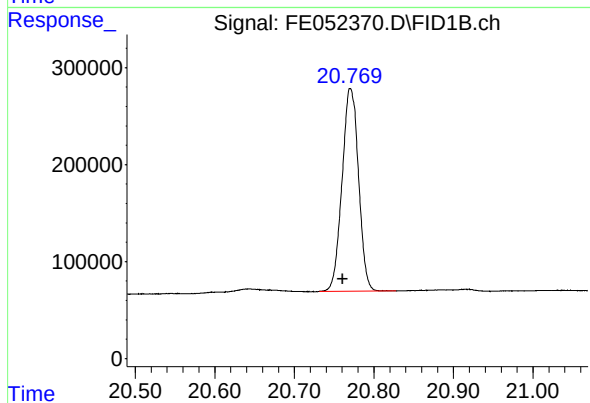
#18 n-Dotriacontane (C32)

R.T.: 19.254 min
Delta R.T.: 0.011 min
Response: 3418875
Conc: 31.36 ug/ml



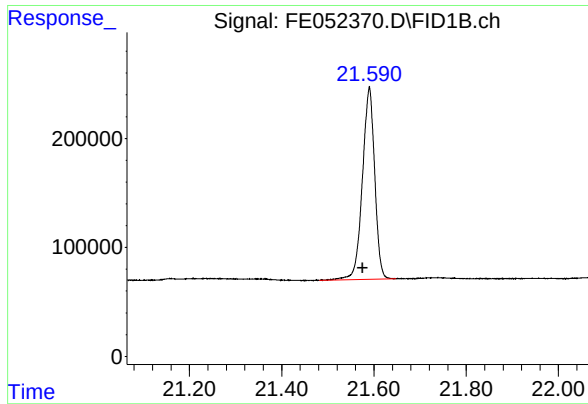
#19 n-Tetratriacontane (C34)

R.T.: 20.034 min
Delta R.T.: 0.011 min
Response: 3202531
Conc: 33.76 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.771 min
Delta R.T.: 0.010 min
Response: 3014857
Conc: 36.49 ug/ml



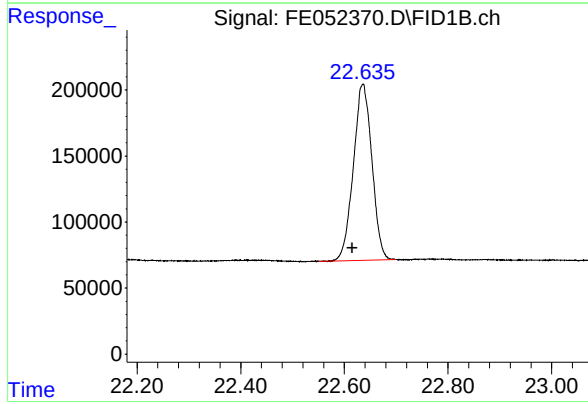
#21 n-Octatriacontane (C38)

R.T.: 21.590 min
Delta R.T.: 0.015 min
Response: 3252637
Conc: 43.78 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.635 min
Delta R.T.: 0.020 min
Response: 3314323
Conc: 44.45 ug/ml