

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012224AL\
 Data File : FE046336.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jan 2024 14:01
 Operator : YP\AJ
 Sample : PB158547BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB158547BS

Manual Integrations**APPROVED**

Reviewed By :Ankita Jodhani 01/23/2024

Supervised By :Sohil Jodhani 01/23/2024

Integration File: autoint1.e

Quant Time: Jan 23 00:33:15 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M

Quant Title : GC Extractables

QLast Update : Fri Dec 29 03:49:54 2023

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)	11.830	7943810	43.713 ug/ml
Spiked Amount 50.000		Recovery =	87.43%
12) S 1-chlorooctadecane (S...	13.271	6424362	48.083 ug/ml
Spiked Amount 50.000		Recovery =	96.17%
Target Compounds			
1) T n-Nonane (C9)	3.230	6711173	43.851 ug/ml
2) T n-Decane (C10)	4.473	7082053	45.633 ug/ml
3) T A~Naphthalene (C11.7)	6.170	8323634	50.050 ug/ml
4) T n-Dodecane (C12)	6.634	7559471	48.416 ug/ml
5) T A~2-methylnaphthalene...	7.265	8084761	50.780 ug/ml
6) T n-Tetradecane (C14)	8.460	7687526	49.351 ug/ml
7) T n-Hexadecane (C16)	10.068	7751868	48.952 ug/ml
8) T n-Octadecane (C18)	11.514	7874698	50.032 ug/ml
10) T n-Eicosane (C20)	12.826	7866748	52.002 ug/ml
11) T n-Heneicosane (C21)	13.438	7528732	51.198 ug/ml
13) T n-Docosane (C22)	14.026	7419918	50.762 ug/ml
14) T n-Tetracosane (C24)	15.129	16770083	115.629 ug/ml
15) T n-Hexacosane (C26)	16.154	6941484	48.417 ug/ml
16) T n-Octacosane (C28)	17.107	9260796	64.572 ug/mlm
17) T n-Tricontane (C30)	17.998	6731834	45.290 ug/ml
18) T n-Dotriacontane (C32)	18.833	7620070	50.949 ug/mlm
19) T n-Tetratriacontane (C34)	19.619	6676742	46.607 ug/ml
20) T n-Hexatriacontane (C36)	20.360	6486934	44.492 ug/mlm
21) T n-Octatriacontane (C38)	21.093	6682700	45.319 ug/ml
22) T n-Tetracontane (C40)	21.986	6931655	44.284 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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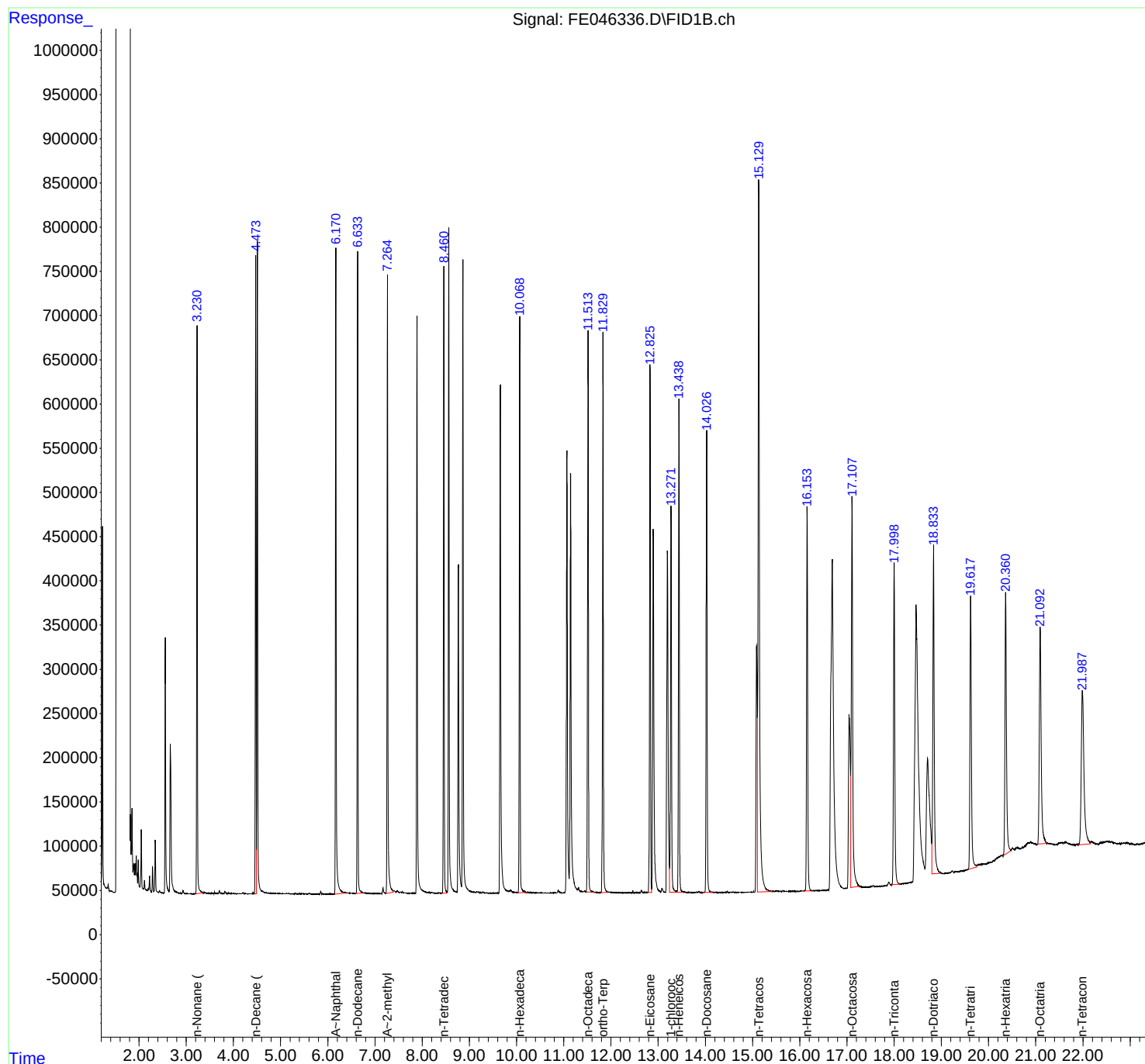
Response via : Initial Calibration

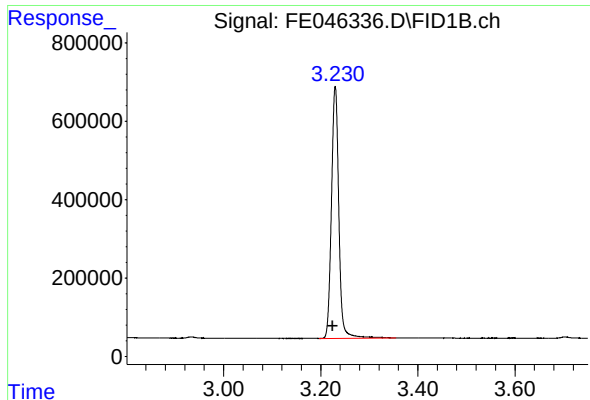
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.230 min
Delta R.T.: 0.006 min
Response: 6711173
Conc: 43.85 ug/ml

Instrument :

FID_E

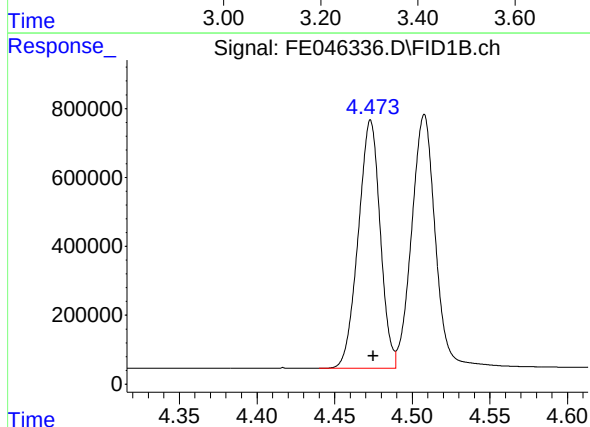
ClientSampleId :

PB158547BS

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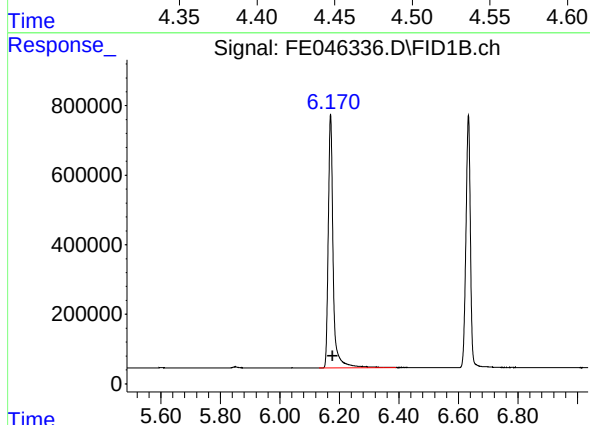
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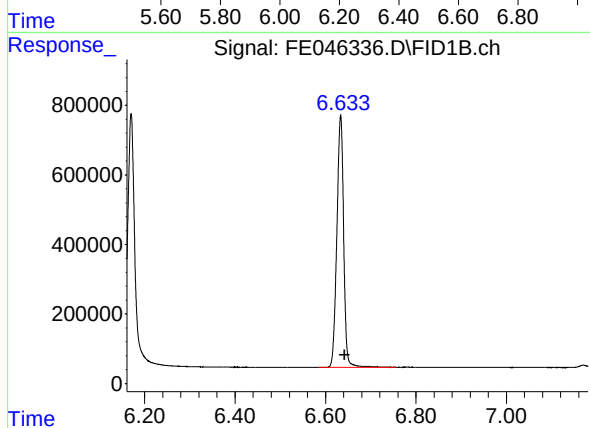
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: -0.002 min
Response: 7082053
Conc: 45.63 ug/ml



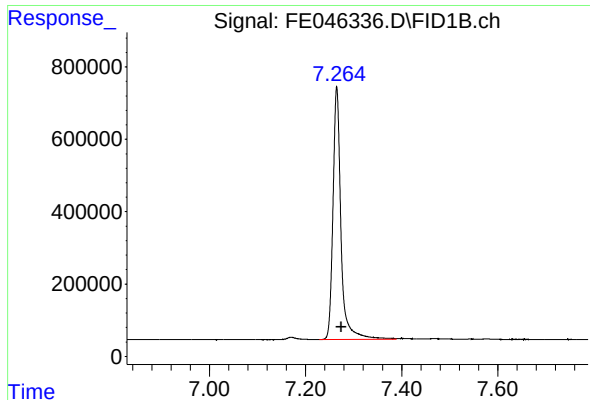
#3 A~Naphthalene (C11.7)

R.T.: 6.170 min
Delta R.T.: -0.007 min
Response: 8323634
Conc: 50.05 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.634 min
Delta R.T.: -0.009 min
Response: 7559471
Conc: 48.42 ug/ml



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

R.T.: 7.265 min
Delta R.T.: -0.009 min
Response: 8084761
Conc: 50.78 ug/ml

Instrument :

FID_E

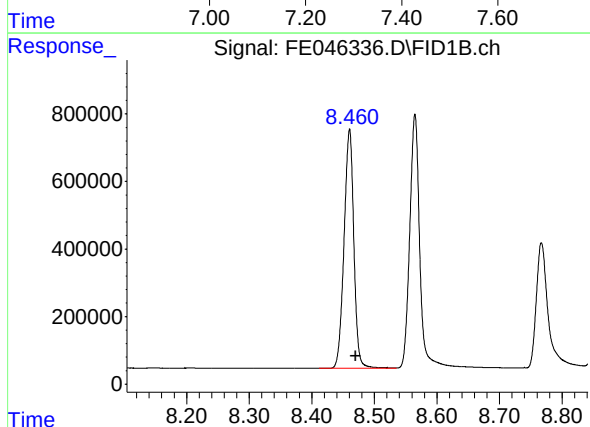
ClientSampleId :

PB158547BS

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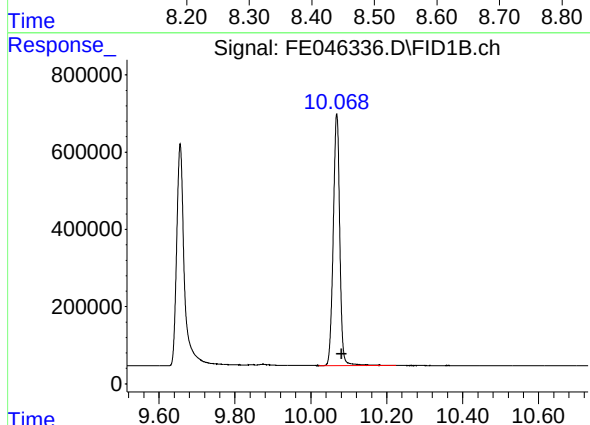
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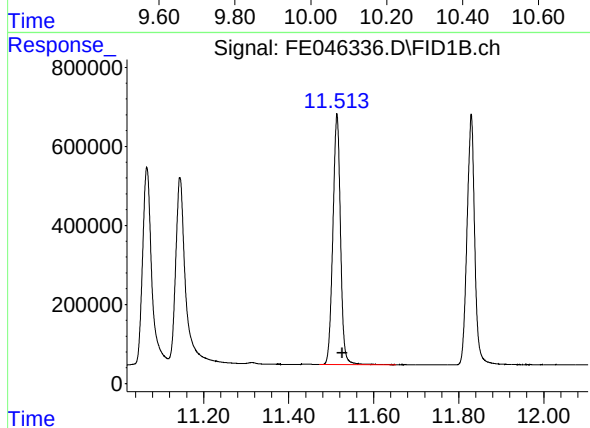
#6 n-Tetradecane (C14)

R.T.: 8.460 min
Delta R.T.: -0.009 min
Response: 7687526
Conc: 49.35 ug/ml



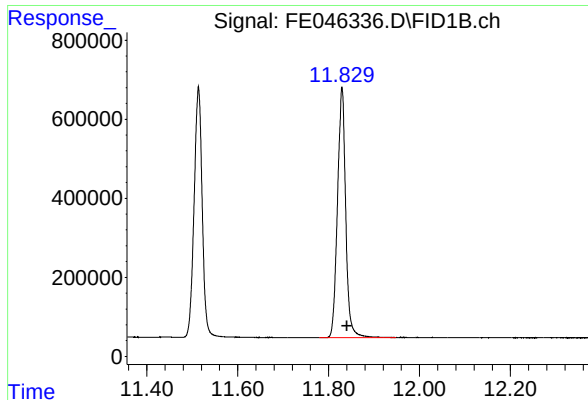
#7 n-Hexadecane (C16)

R.T.: 10.068 min
Delta R.T.: -0.012 min
Response: 7751868
Conc: 48.95 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.514 min
Delta R.T.: -0.013 min
Response: 7874698
Conc: 50.03 ug/ml



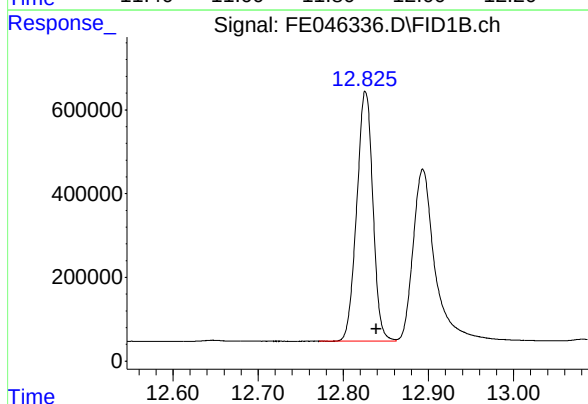
#9 ortho-Terphenyl (SURR)

R.T.: 11.830 min
Delta R.T.: -0.011 min
Response: 7943810
Conc: 43.71 ug/ml

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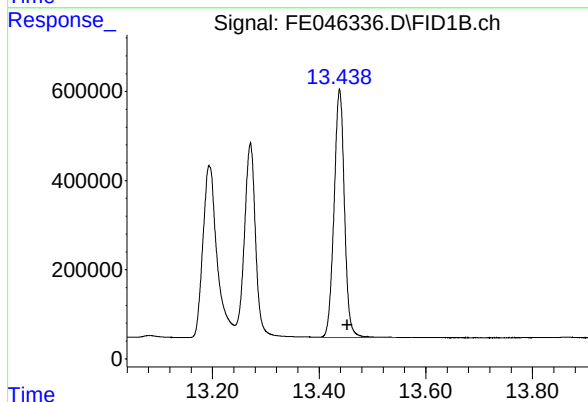
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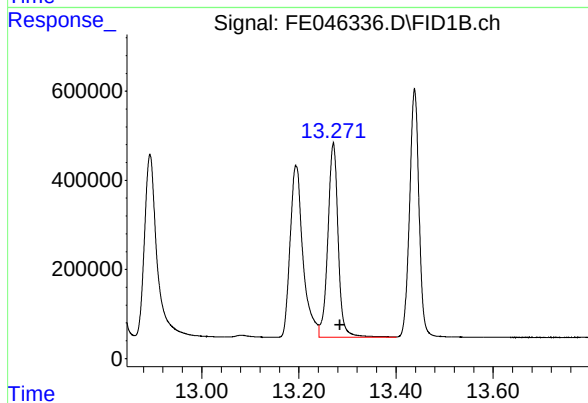
#10 n-Eicosane (C20)

R.T.: 12.826 min
Delta R.T.: -0.013 min
Response: 7866748
Conc: 52.00 ug/ml



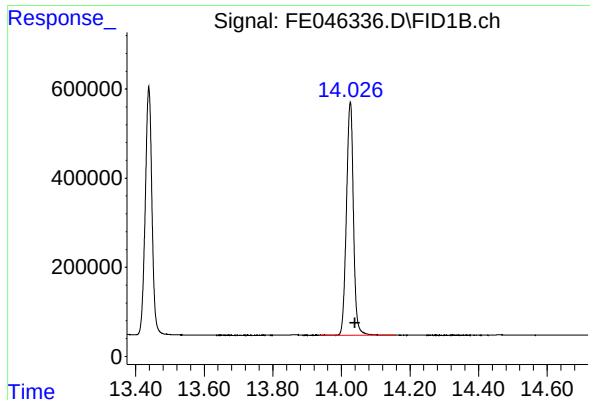
#11 n-Heneicosane (C21)

R.T.: 13.438 min
Delta R.T.: -0.014 min
Response: 7528732
Conc: 51.20 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.271 min
Delta R.T.: -0.013 min
Response: 6424362
Conc: 48.08 ug/ml



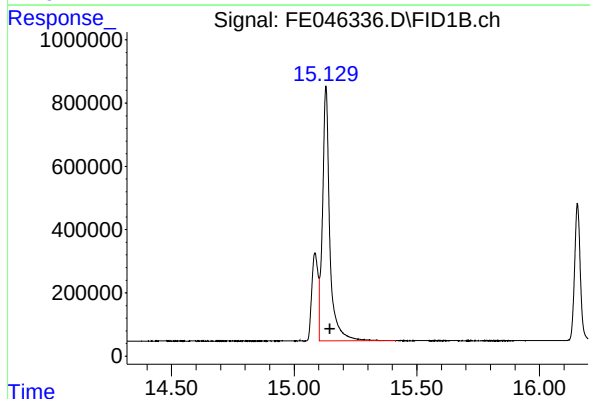
#13 n-Docosane (C22)

R.T.: 14.026 min
Delta R.T.: -0.013 min
Response: 7419918
Conc: 50.76 ug/ml

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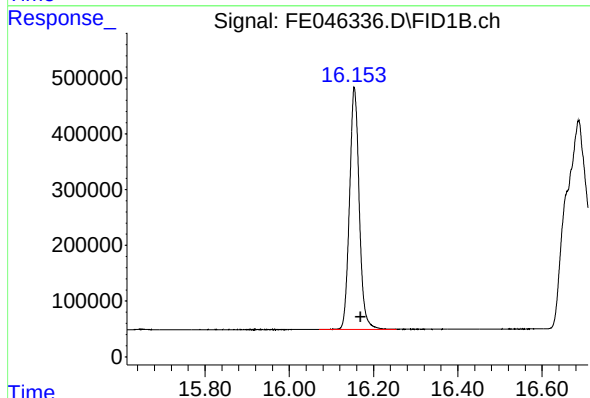
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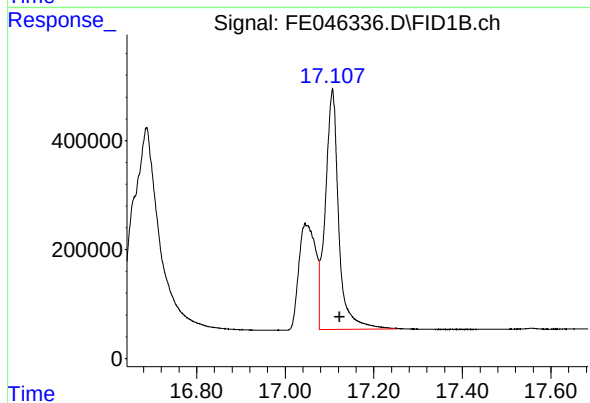
#14 n-Tetracosane (C24)

R.T.: 15.129 min
Delta R.T.: -0.016 min
Response: 16770083
Conc: 115.63 ug/ml



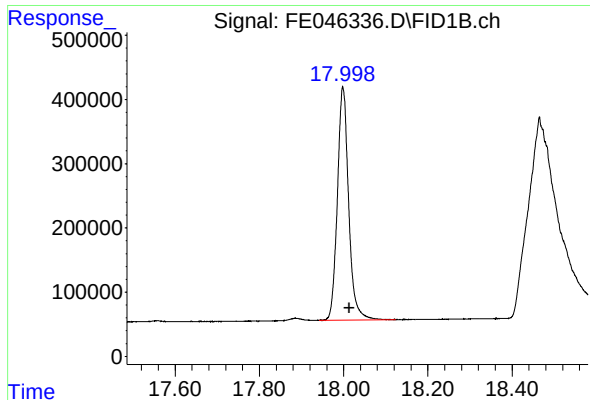
#15 n-Hexacosane (C26)

R.T.: 16.154 min
Delta R.T.: -0.015 min
Response: 6941484
Conc: 48.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.107 min
Delta R.T.: -0.016 min
Response: 9260796
Conc: 64.57 ug/ml m



#17 n-Tricontane (C30)

R.T.: 17.998 min
Delta R.T.: -0.016 min
Response: 6731834
Conc: 45.29 ug/ml

Instrument :

FID_E

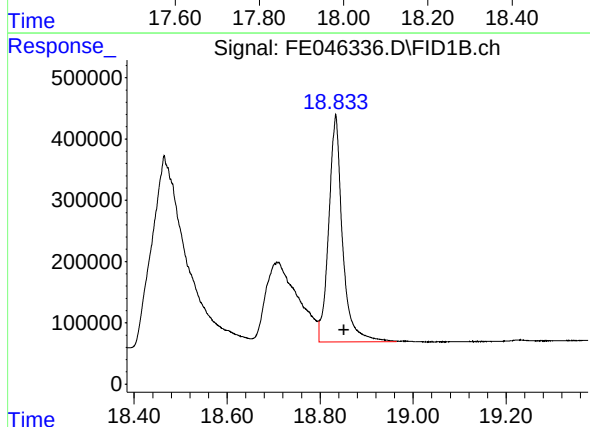
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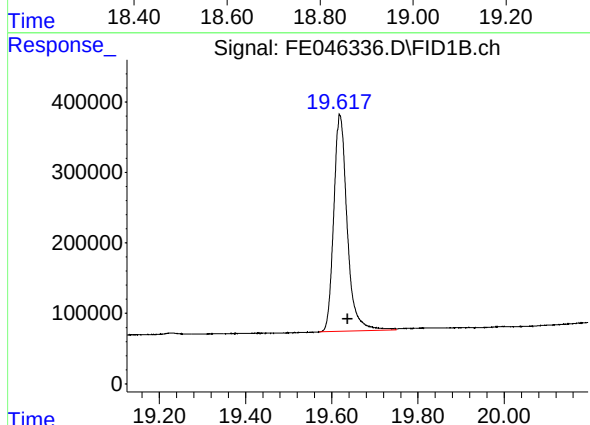
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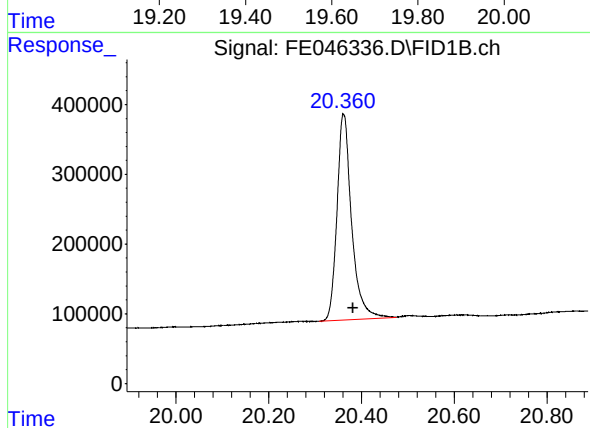
#18 n-Dotriacontane (C32)

R.T.: 18.833 min
Delta R.T.: -0.018 min
Response: 7620070
Conc: 50.95 ug/ml m



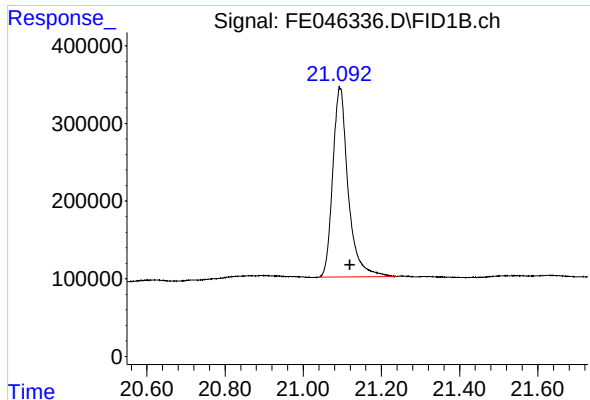
#19 n-Tetratriacontane (C34)

R.T.: 19.619 min
Delta R.T.: -0.018 min
Response: 6676742
Conc: 46.61 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.360 min
Delta R.T.: -0.022 min
Response: 6486934
Conc: 44.49 ug/ml m



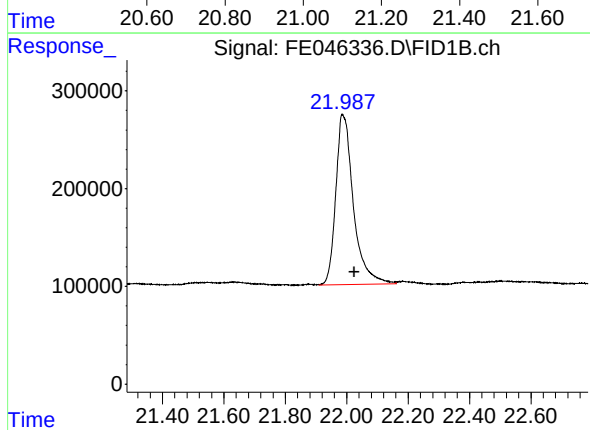
#21 n-Octatriacontane (C38)

R.T.: 21.093 min
Delta R.T.: -0.027 min
Response: 6682700
Conc: 45.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.986 min
Delta R.T.: -0.039 min
Response: 6931655
Conc: 44.28 ug/ml