

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011624AL\
 Data File : FE046253.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jan 2024 18:08
 Operator : YP\AJ
 Sample : PB158459BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB158459BSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 01/17/2024
 Supervised By :Sohil Jodhani 01/23/2024

Integration File: autoint1.e
 Quant Time: Jan 17 01:18:35 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	7533875	41.457 ug/ml
Spiked Amount 50.000		Recovery =	82.91%
12) S 1-chlorooctadecane (S...	13.273	6057820	45.339 ug/ml
Spiked Amount 50.000		Recovery =	90.68%
Target Compounds			
1) T n-Nonane (C9)	3.227	6181197	40.388 ug/ml
2) T n-Decane (C10)	4.472	6528719	42.067 ug/ml
3) T A~Naphthalene (C11.7)	6.171	7682607	46.196 ug/ml
4) T n-Dodecane (C12)	6.634	7000185	44.834 ug/ml
5) T A~2-methylnaphthalene...	7.266	7463229	46.876 ug/ml
6) T n-Tetradecane (C14)	8.462	7082552	45.467 ug/ml
7) T n-Hexadecane (C16)	10.070	7097736	44.821 ug/ml
8) T n-Octadecane (C18)	11.516	7165975	45.529 ug/ml
10) T n-Eicosane (C20)	12.828	7150442	47.267 ug/ml
11) T n-Heneicosane (C21)	13.441	6841947	46.528 ug/ml
13) T n-Docosane (C22)	14.028	6744196	46.139 ug/ml
14) T n-Tetracosane (C24)	15.131	14802018	102.060 ug/ml
15) T n-Hexacosane (C26)	16.159	6383586	44.526 ug/ml
16) T n-Octacosane (C28)	17.109	7621442	53.141 ug/ml
17) T n-Tricontane (C30)	18.002	6247516	42.032 ug/ml
18) T n-Dotriacontane (C32)	18.833	6937172	46.383 ug/ml
19) T n-Tetratriacontane (C34)	19.620	6163103	43.021 ug/ml
20) T n-Hexatriacontane (C36)	20.364	5999348	41.148 ug/ml
21) T n-Octatriacontane (C38)	21.097	6330370	42.930 ug/ml
22) T n-Tetracontane (C40)	21.993	6304267	40.276 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 15 Sample Multiplier: 1

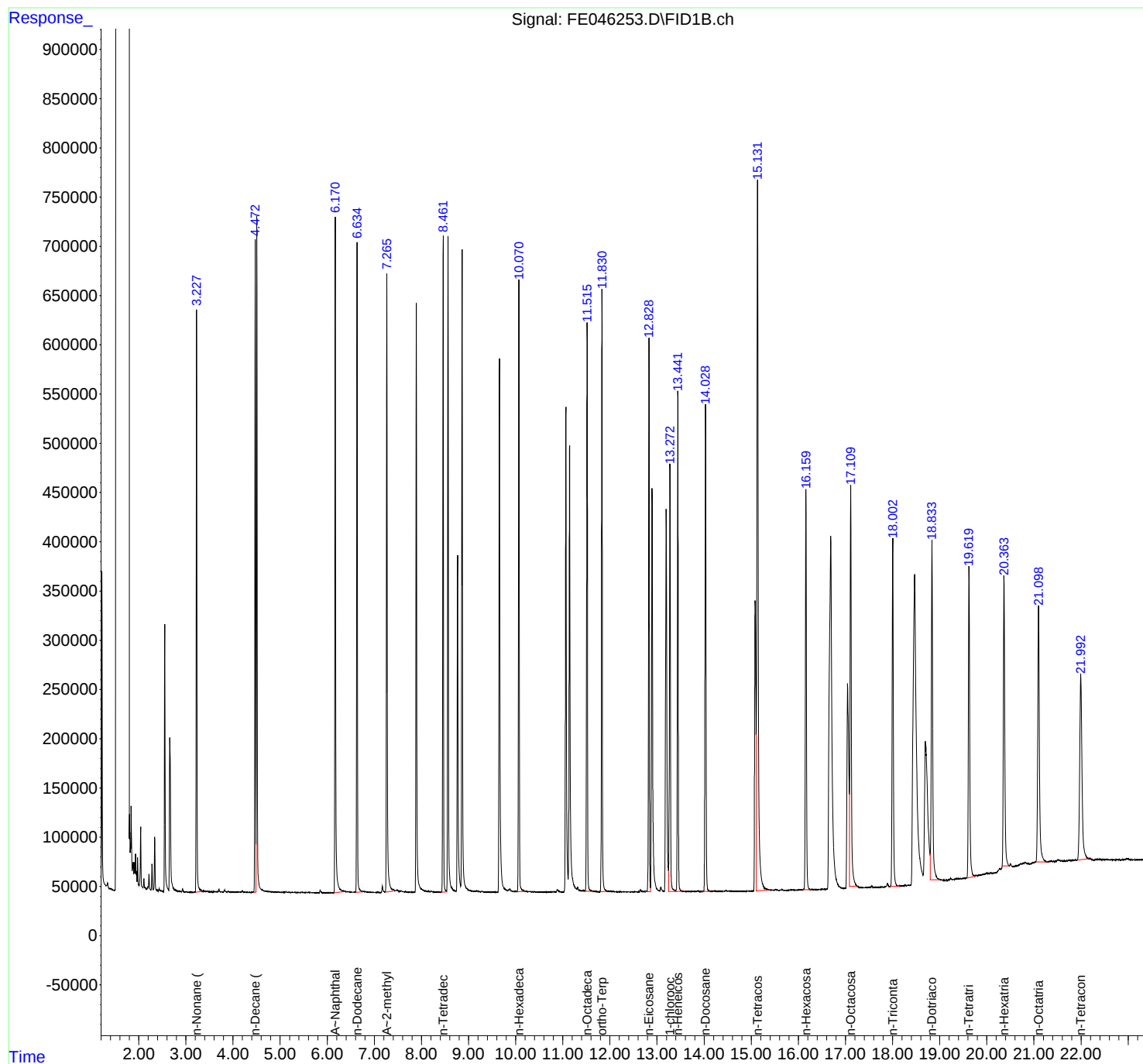
Instrument :
FID_E
ClientSampleId :
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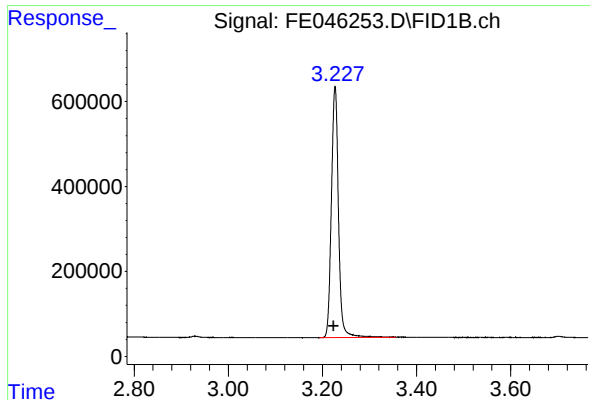
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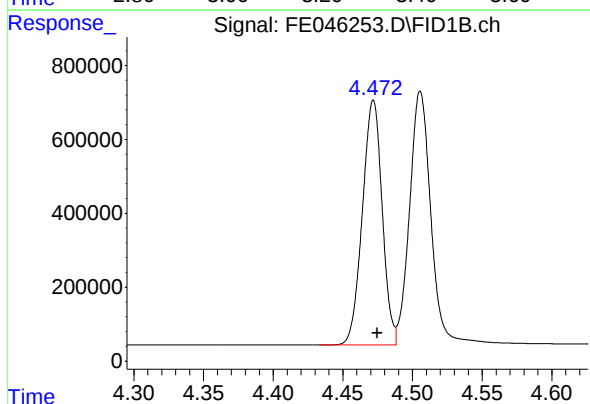
#1 n-Nonane (C9)

R.T.: 3.227 min
Delta R.T.: 0.003 min
Response: 6181197
Conc: 40.39 ug/ml

Instrument :
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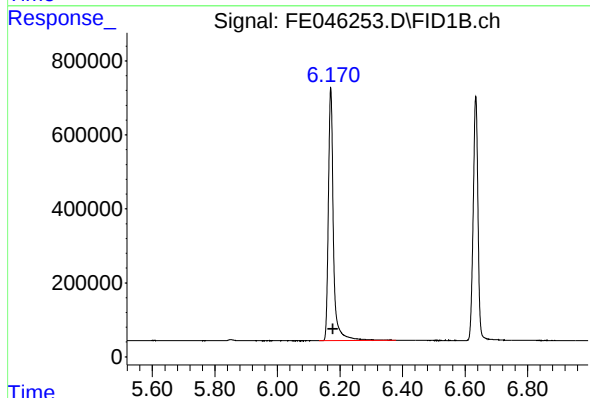
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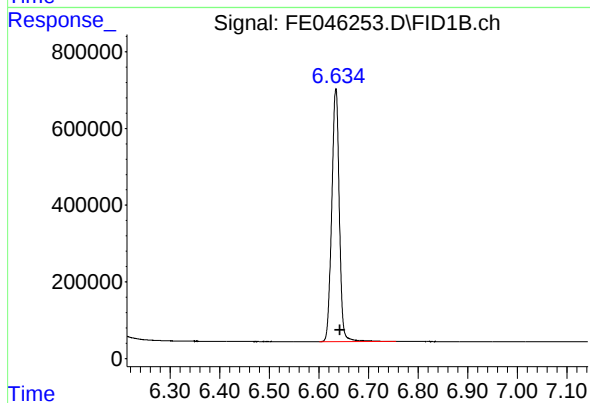
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: -0.003 min
Response: 6528719
Conc: 42.07 ug/ml



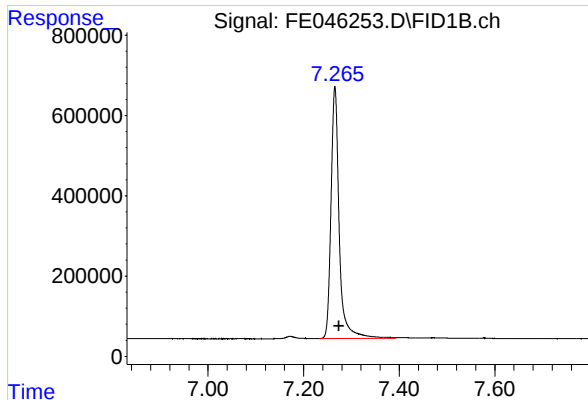
#3 A~Naphthalene (C11.7)

R.T.: 6.171 min
Delta R.T.: -0.007 min
Response: 7682607
Conc: 46.20 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.634 min
Delta R.T.: -0.008 min
Response: 7000185
Conc: 44.83 ug/ml



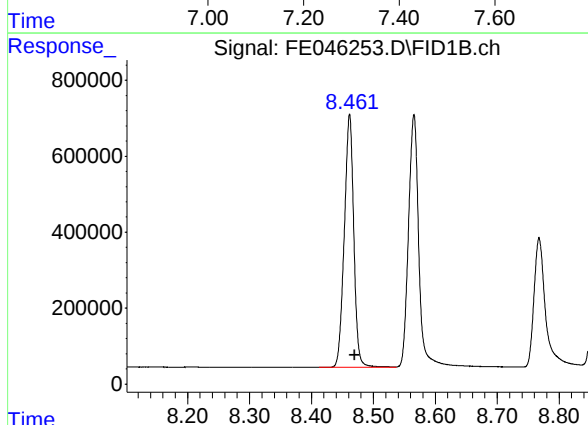
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.266 min
Delta R.T.: -0.008 min
Response: 7463229
Conc: 46.88 ug/ml

Instrument :
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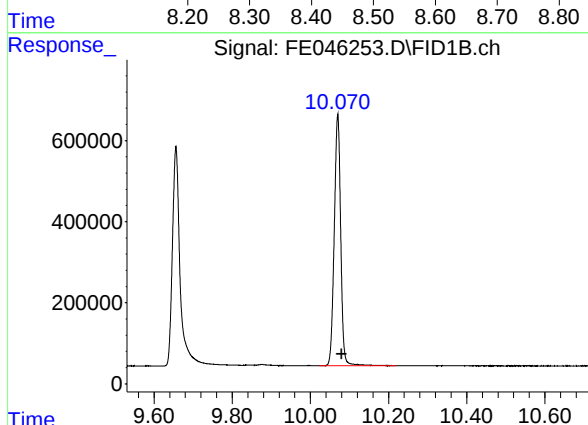
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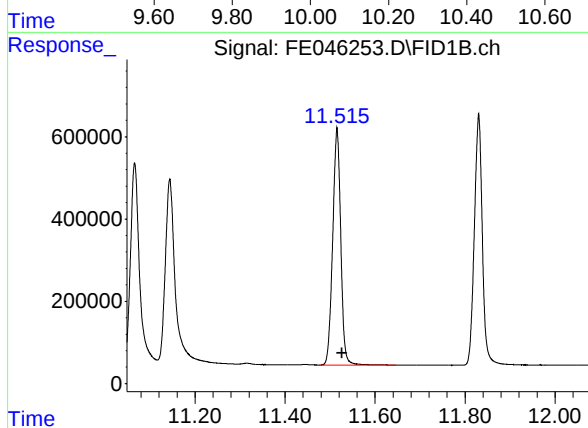
#6 n-Tetradecane (C14)

R.T.: 8.462 min
Delta R.T.: -0.008 min
Response: 7082552
Conc: 45.47 ug/ml



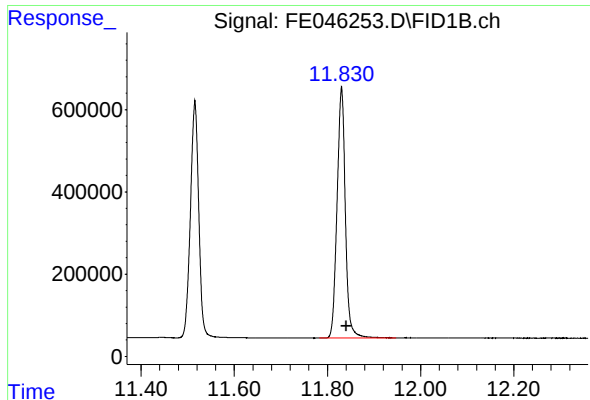
#7 n-Hexadecane (C16)

R.T.: 10.070 min
Delta R.T.: -0.010 min
Response: 7097736
Conc: 44.82 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.516 min
Delta R.T.: -0.011 min
Response: 7165975
Conc: 45.53 ug/ml



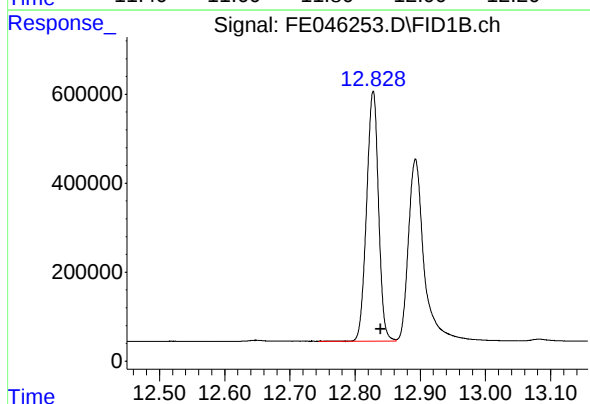
#9 ortho-Terphenyl (SURR)

R.T.: 11.830 min
Delta R.T.: -0.010 min
Response: 7533875
Conc: 41.46 ug/ml

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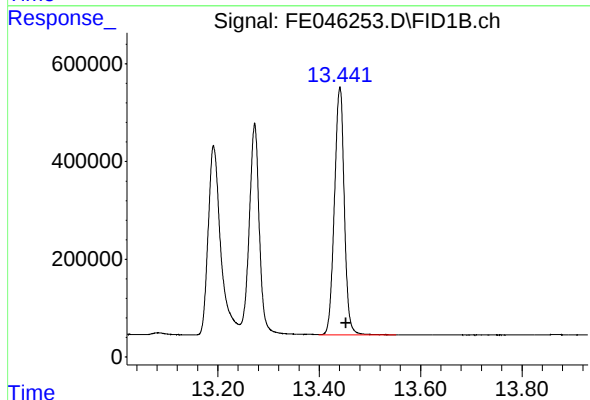
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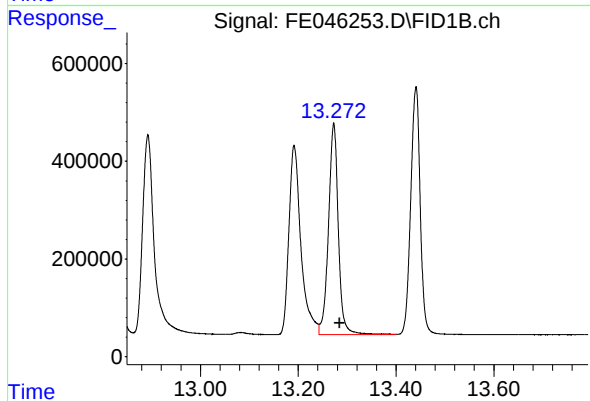
#10 n-Eicosane (C20)

R.T.: 12.828 min
Delta R.T.: -0.011 min
Response: 7150442
Conc: 47.27 ug/ml



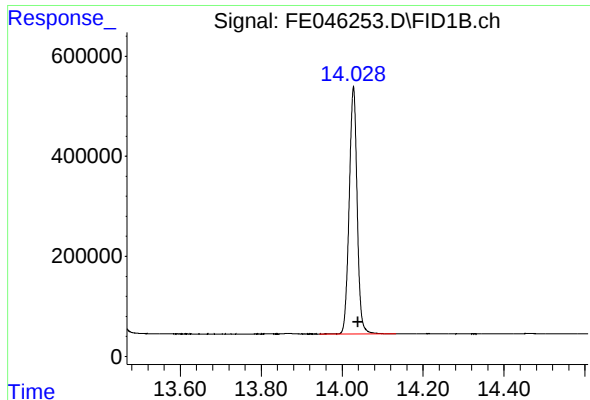
#11 n-Heneicosane (C21)

R.T.: 13.441 min
Delta R.T.: -0.012 min
Response: 6841947
Conc: 46.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.273 min
Delta R.T.: -0.012 min
Response: 6057820
Conc: 45.34 ug/ml



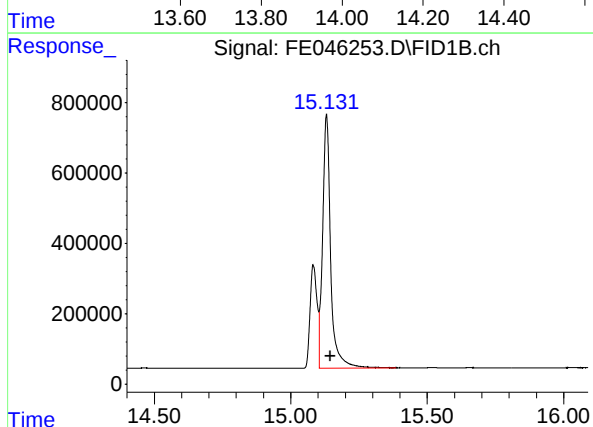
#13 n-Docosane (C22)

R.T.: 14.028 min
Delta R.T.: -0.012 min
Response: 6744196
Conc: 46.14 ug/ml

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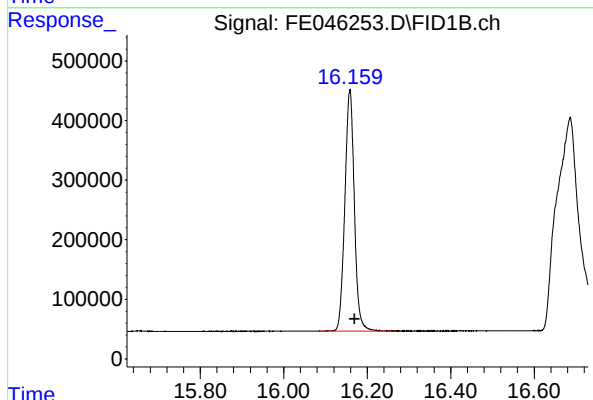
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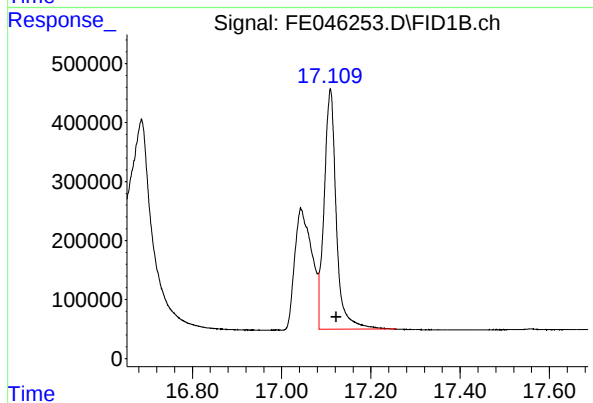
#14 n-Tetracosane (C24)

R.T.: 15.131 min
Delta R.T.: -0.015 min
Response: 14802018
Conc: 102.06 ug/ml



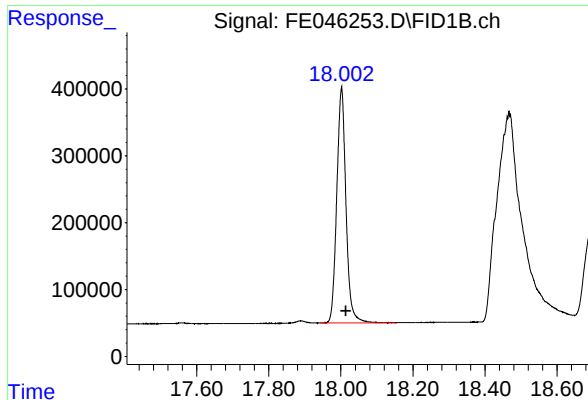
#15 n-Hexacosane (C26)

R.T.: 16.159 min
Delta R.T.: -0.011 min
Response: 6383586
Conc: 44.53 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.109 min
Delta R.T.: -0.014 min
Response: 7621442
Conc: 53.14 ug/ml m



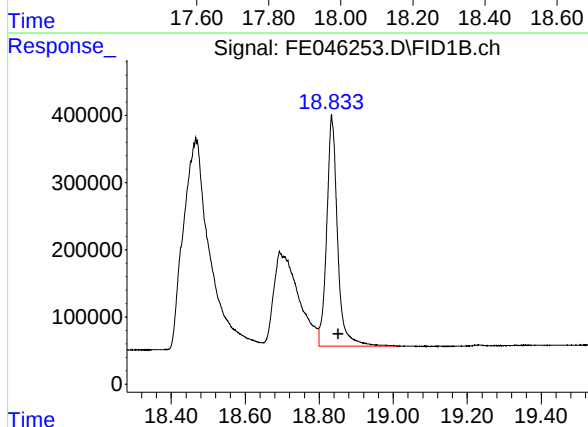
#17 n-Tricontane (C30)

R.T.: 18.002 min
Delta R.T.: -0.012 min
Response: 6247516
Conc: 42.03 ug/ml

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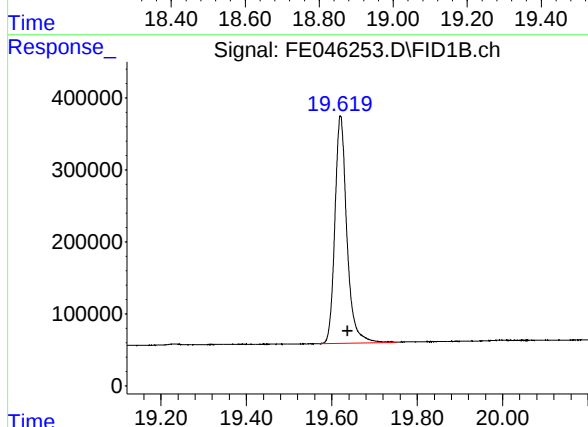
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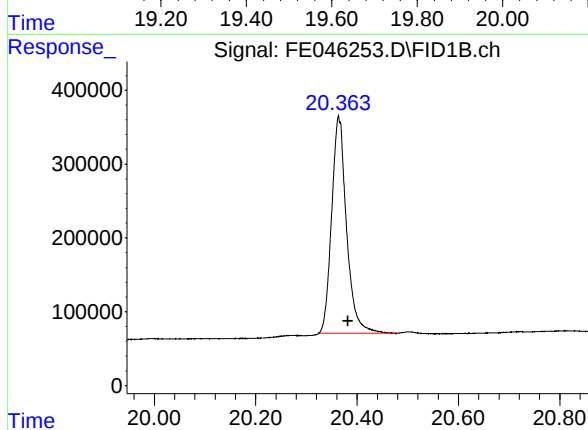
#18 n-Dotriacontane (C32)

R.T.: 18.833 min
Delta R.T.: -0.018 min
Response: 6937172
Conc: 46.38 ug/ml



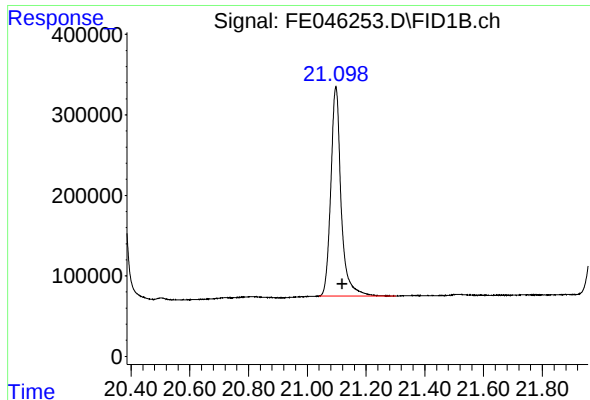
#19 n-Tetratriacontane (C34)

R.T.: 19.620 min
Delta R.T.: -0.016 min
Response: 6163103
Conc: 43.02 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.364 min
Delta R.T.: -0.018 min
Response: 5999348
Conc: 41.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.097 min
Delta R.T.: -0.022 min
Response: 6330370
Conc: 42.93 ug/ml

Instrument :

FID_E

ClientSampleId :

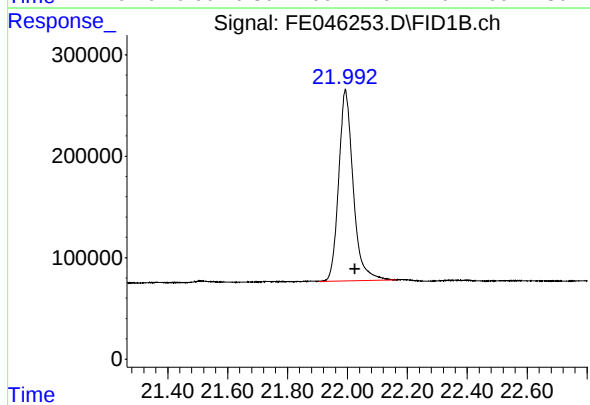
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#22 n-Tetracontane (C40)

R.T.: 21.993 min
Delta R.T.: -0.032 min
Response: 6304267
Conc: 40.28 ug/ml