

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032923AL\
 Data File : FE041085.D
 Signal(s) : FID1B.ch
 Acq On : 29 Mar 2023 21:27
 Operator : YP\AJ
 Sample : 02118-07MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

5MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/30/2023

Supervised By :Ankita Jodhani 03/30/2023

Integration File: autoint1.e

Quant Time: Mar 30 01:46:18 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M

Quant Title : GC Extractables

QLast Update : Sat Mar 25 06:32:15 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)	11.853	4970012	26.445 ug/ml
Spiked Amount 50.000		Recovery =	52.89%
12) S 1-chlorooctadecane (S...	13.292	3864042	26.856 ug/ml
Spiked Amount 50.000		Recovery =	53.71%
Target Compounds			
1) T n-Nonane (C9)	3.272	7146619	41.188 ug/ml
2) T n-Decane (C10)	4.510	7394552	43.442 ug/ml
3) T A~Naphthalene (C11.7)	6.204	7862252	42.984 ug/ml
4) T n-Dodecane (C12)	6.666	7628637	43.979 ug/ml
5) T A~2-methylnaphthalene...	7.297	7288230	44.007 ug/ml
6) T n-Tetradecane (C14)	8.492	7548899	43.294 ug/ml
7) T n-Hexadecane (C16)	10.097	7568625	42.556 ug/ml
8) T n-Octadecane (C18)	11.539	7360386	41.223 ug/ml
10) T n-Eicosane (C20)	12.849	7189788	42.151 ug/ml
11) T n-Heneicosane (C21)	13.461	6806112	40.229 ug/ml
13) T n-Docosane (C22)	14.048	6715764	40.582 ug/ml
14) T n-Tetracosane (C24)	15.146	13281433	82.092 ug/ml
15) T n-Hexacosane (C26)	16.174	6451818	41.620 ug/ml
16) T n-Octacosane (C28)	17.124	6500573	42.437 ug/ml
17) T n-Tricontane (C30)	18.015	6526851	42.700 ug/ml
18) T n-Dotriacontane (C32)	18.848	6448097	41.300 ug/ml
19) T n-Tetratriacontane (C34)	19.632	6357006	41.021 ug/ml
20) T n-Hexatriacontane (C36)	20.373	6454327	42.491 ug/ml
21) T n-Octatriacontane (C38)	21.101	6618912	42.370 ug/mlm
22) T n-Tetracontane (C40)	21.987	6998801	43.851 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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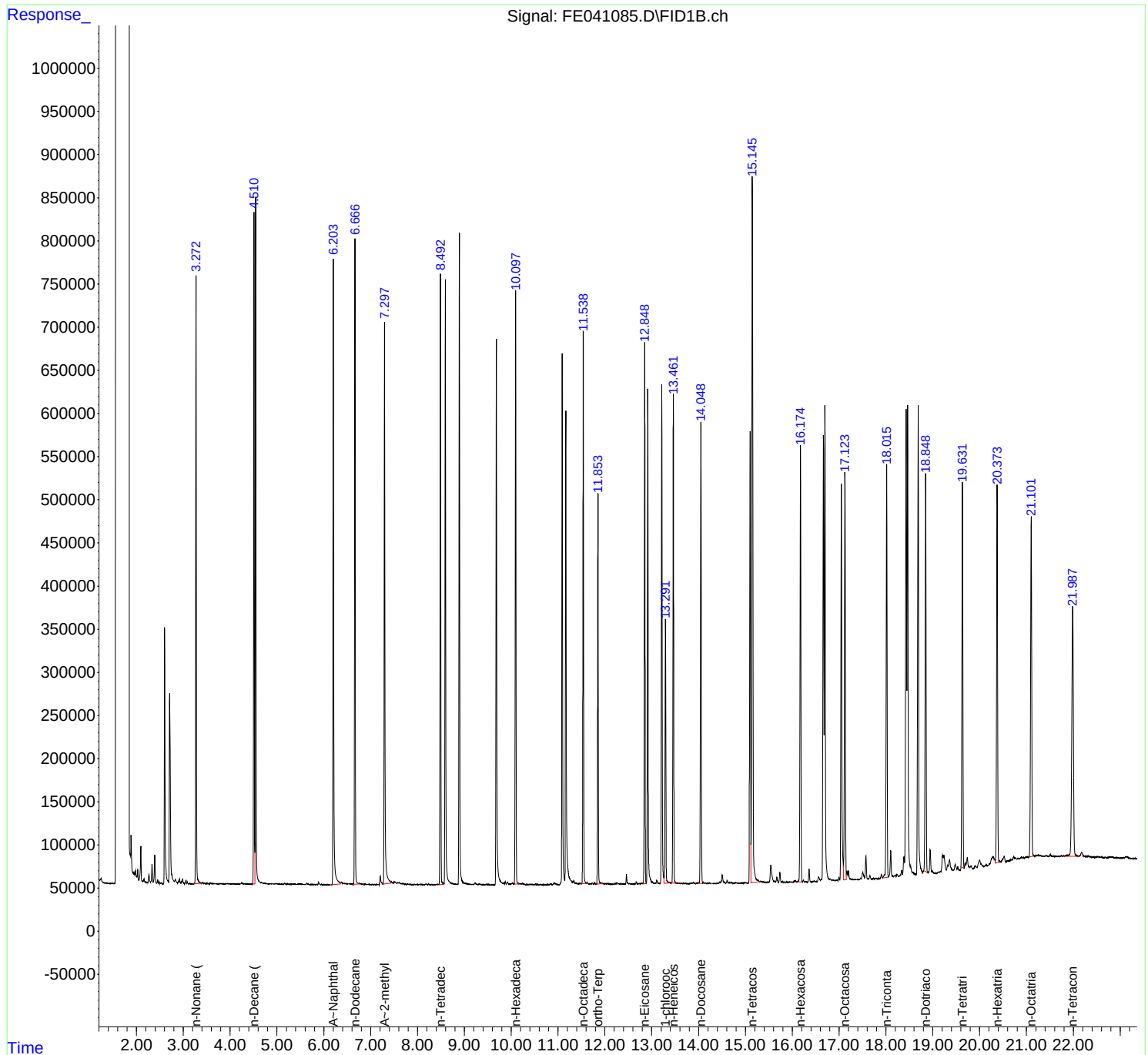
Instrument :
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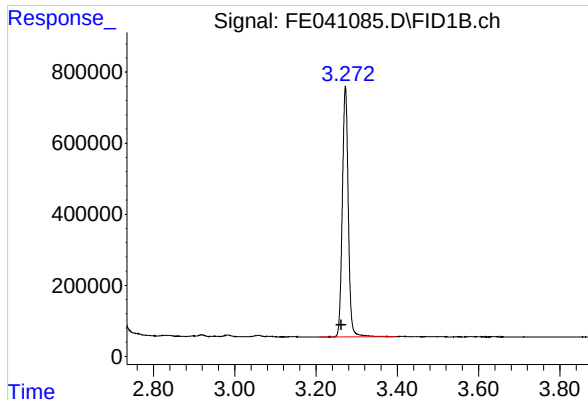
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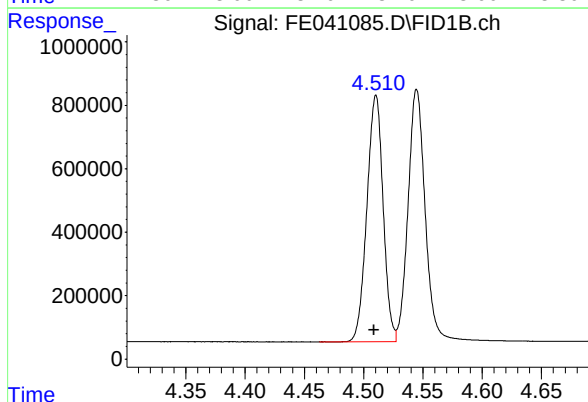
#1 n-Nonane (C9)

R.T.: 3.272 min
Delta R.T.: 0.010 min
Response: 7146619
Conc: 41.19 ug/ml

Instrument :
FID_E
ClientSampleId :
5MSD

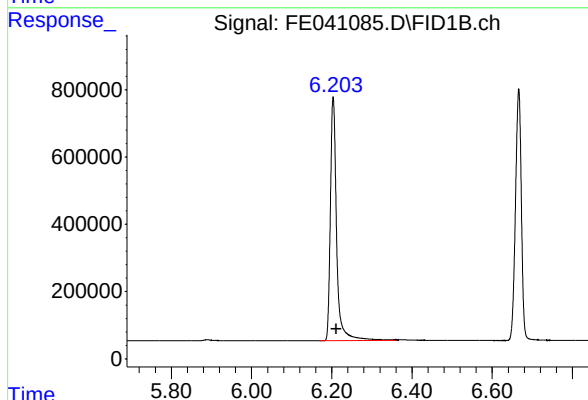
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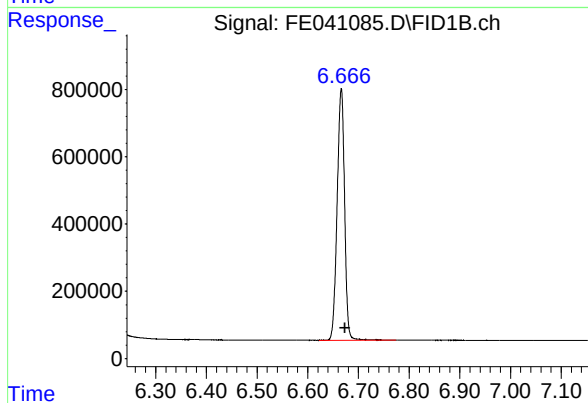
#2 n-Decane (C10)

R.T.: 4.510 min
Delta R.T.: 0.002 min
Response: 7394552
Conc: 43.44 ug/ml



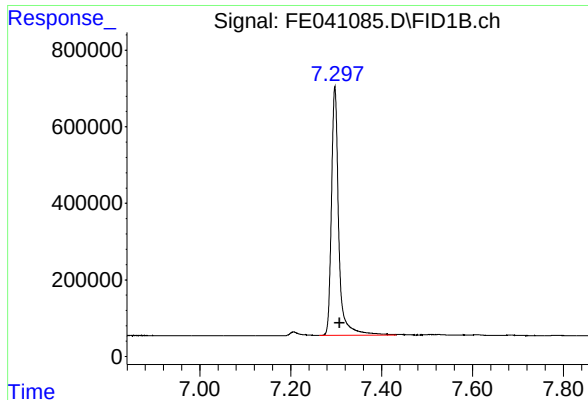
#3 A~Naphthalene (C11.7)

R.T.: 6.204 min
Delta R.T.: -0.008 min
Response: 7862252
Conc: 42.98 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.666 min
Delta R.T.: -0.007 min
Response: 7628637
Conc: 43.98 ug/ml



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

R.T.: 7.297 min
Delta R.T.: -0.010 min
Response: 7288230
Conc: 44.01 ug/ml

Instrument :

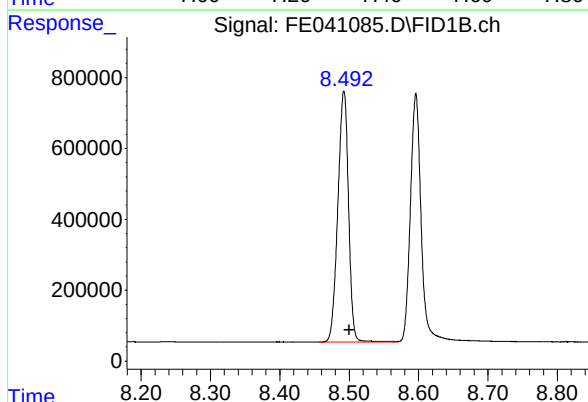
FID_E

ClientSampleId :

5MSD

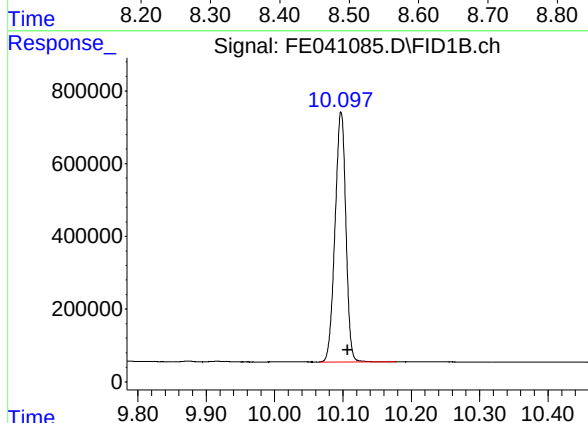
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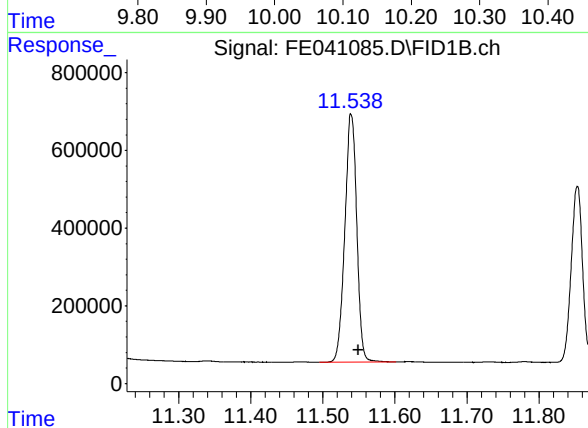
#6 n-Tetradecane (C14)

R.T.: 8.492 min
Delta R.T.: -0.008 min
Response: 7548899
Conc: 43.29 ug/ml



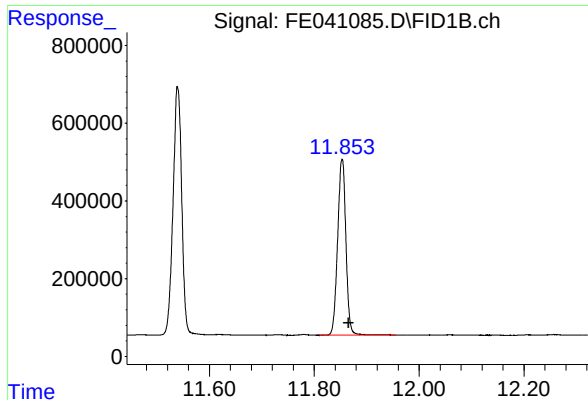
#7 n-Hexadecane (C16)

R.T.: 10.097 min
Delta R.T.: -0.009 min
Response: 7568625
Conc: 42.56 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.539 min
Delta R.T.: -0.010 min
Response: 7360386
Conc: 41.22 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.853 min
Delta R.T.: -0.012 min
Response: 4970012
Conc: 26.44 ug/ml

Instrument :

FID_E

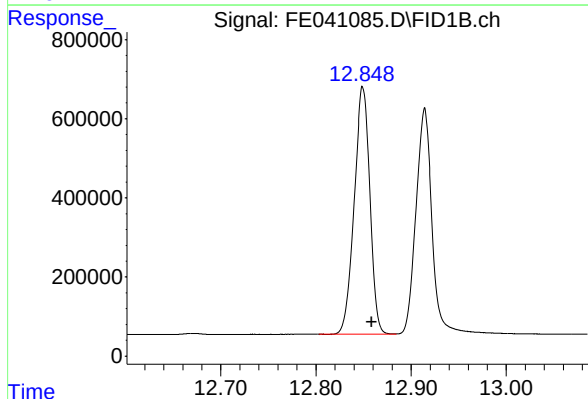
ClientSampleId :

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Manual Integrations

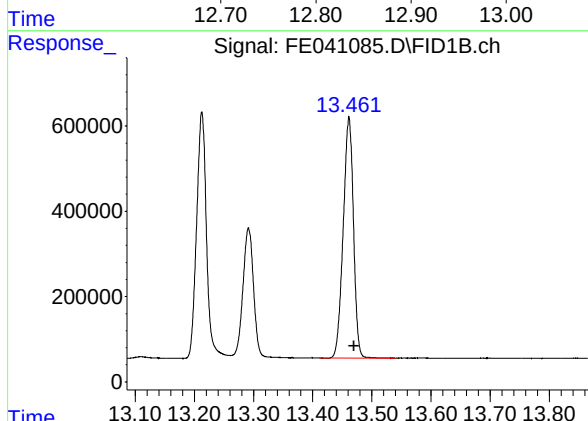
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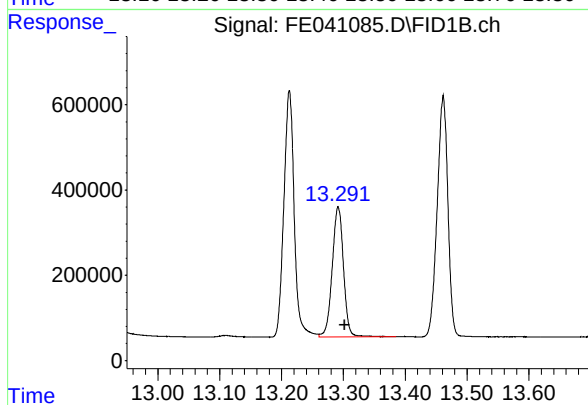
#10 n-Eicosane (C20)

R.T.: 12.849 min
Delta R.T.: -0.009 min
Response: 7189788
Conc: 42.15 ug/ml



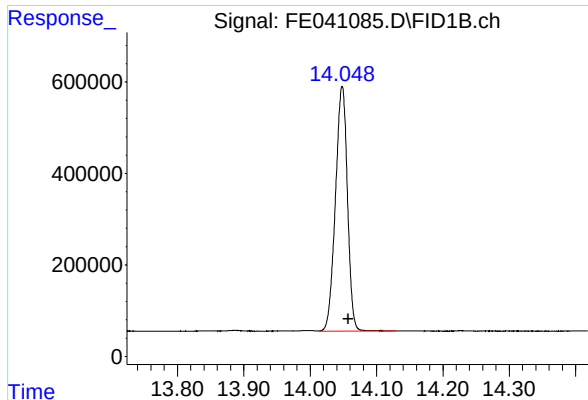
#11 n-Heneicosane (C21)

R.T.: 13.461 min
Delta R.T.: -0.008 min
Response: 6806112
Conc: 40.23 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.292 min
Delta R.T.: -0.010 min
Response: 3864042
Conc: 26.86 ug/ml



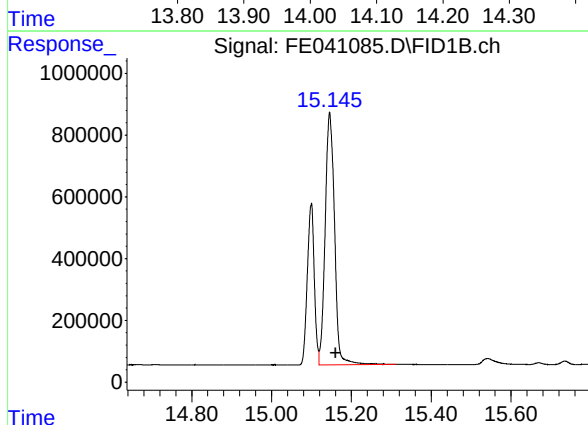
#13 n-Docosane (C22)

R.T.: 14.048 min
Delta R.T.: -0.009 min
Response: 6715764
Conc: 40.58 ug/ml

Instrument :
FID_E
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5MSD

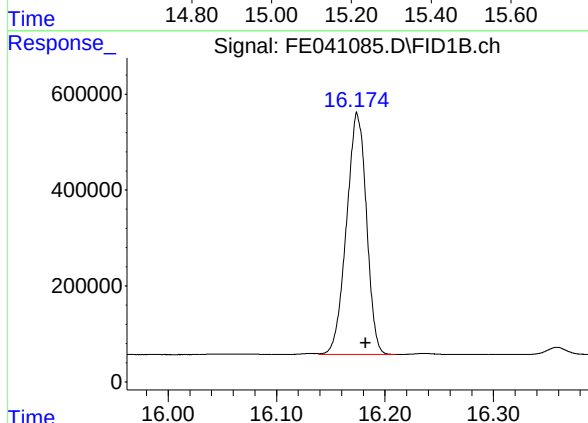
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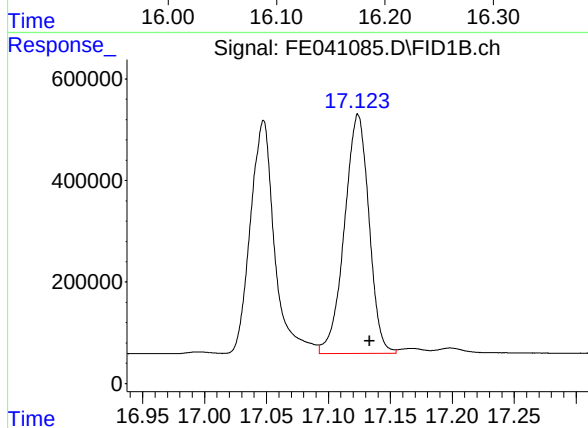
#14 n-Tetracosane (C24)

R.T.: 15.146 min
Delta R.T.: -0.015 min
Response: 13281433
Conc: 82.09 ug/ml



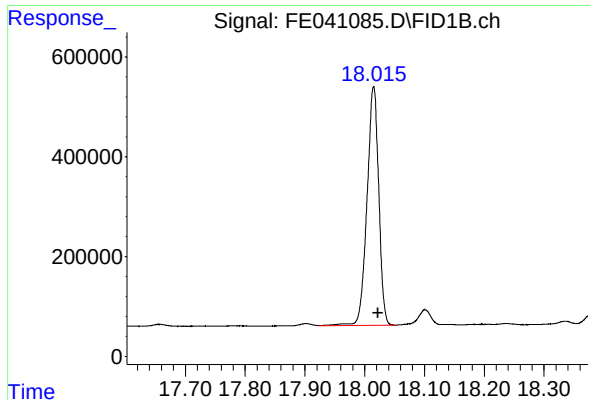
#15 n-Hexacosane (C26)

R.T.: 16.174 min
Delta R.T.: -0.008 min
Response: 6451818
Conc: 41.62 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.124 min
Delta R.T.: -0.009 min
Response: 6500573
Conc: 42.44 ug/ml



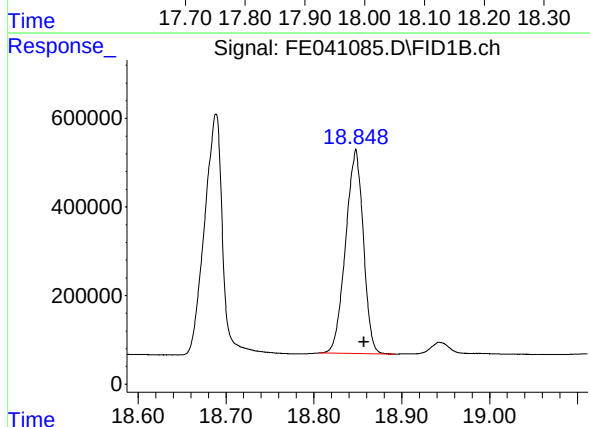
#17 n-Tricontane (C30)

R.T.: 18.015 min
Delta R.T.: -0.007 min
Response: 6526851
Conc: 42.70 ug/ml

Instrument :
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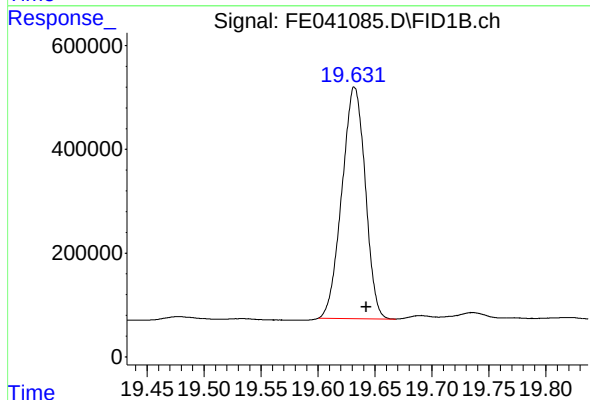
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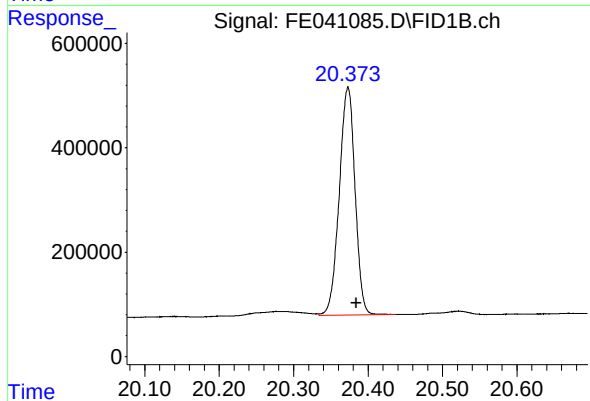
#18 n-Dotriacontane (C32)

R.T.: 18.848 min
Delta R.T.: -0.009 min
Response: 6448097
Conc: 41.30 ug/ml



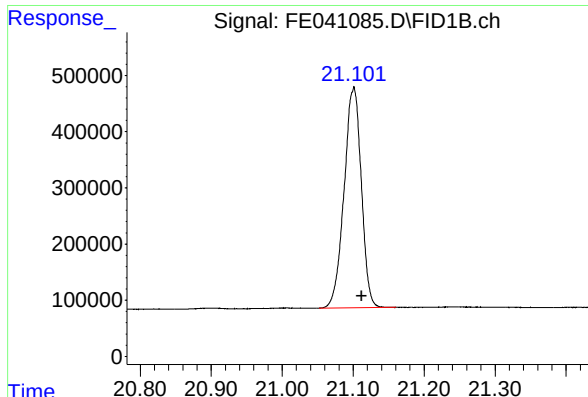
#19 n-Tetratriacontane (C34)

R.T.: 19.632 min
Delta R.T.: -0.010 min
Response: 6357006
Conc: 41.02 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.373 min
Delta R.T.: -0.011 min
Response: 6454327
Conc: 42.49 ug/ml



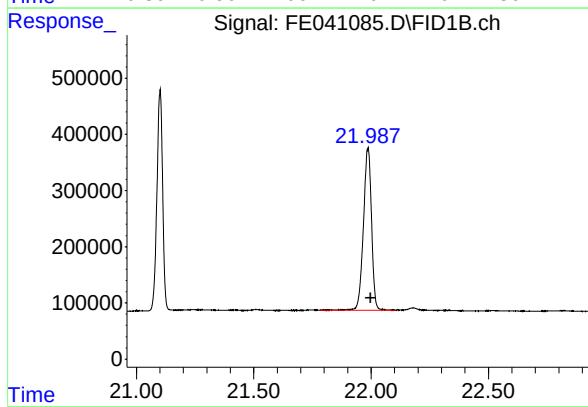
#21 n-Octatriacontane (C38)

R.T.: 21.101 min
Delta R.T.: -0.011 min
Response: 6618912
Conc: 42.37 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.987 min
Delta R.T.: -0.011 min
Response: 6998801
Conc: 43.85 ug/ml