

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062823AL\
 Data File : FE042986.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jun 2023 16:51
 Operator : YP\AJ
 Sample : 03429-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SB-COMP-0627MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :Ankita Jodhani 06/29/2023

Integration File: autoint1.e
 Quant Time: Jun 29 02:48:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 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)	11.914	5405590	29.426 ug/ml
Spiked Amount 50.000		Recovery =	58.85%
12) S 1-chlorooctadecane (S...	13.350	4365209	32.076 ug/ml
Spiked Amount 50.000		Recovery =	64.15%
Target Compounds			
1) T n-Nonane (C9)	3.293	4058264	26.272 ug/ml
2) T n-Decane (C10)	4.545	4518812	28.608 ug/ml
3) T A~Naphthalene (C11.7)	6.253	5350110	31.597 ug/ml
4) T n-Dodecane (C12)	6.713	5046968	31.530 ug/ml
5) T A~2-methylnaphthalene...	7.351	5437748	33.538 ug/ml
6) T n-Tetradecane (C14)	8.545	5464831	34.337 ug/ml
7) T n-Hexadecane (C16)	10.152	5843325	35.479 ug/ml
8) T n-Octadecane (C18)	11.596	6211025	37.367 ug/ml
10) T n-Eicosane (C20)	12.905	5949113	37.491 ug/ml
11) T n-Heneicosane (C21)	13.516	5822735	37.636 ug/ml
13) T n-Docosane (C22)	14.103	5718202	37.538 ug/ml
14) T n-Tetracosane (C24)	15.198	11037849	74.392 ug/ml
15) T n-Hexacosane (C26)	16.229	5386275	37.676 ug/ml
16) T n-Octacosane (C28)	17.177	5245479	37.820 ug/ml
17) T n-Tricontane (C30)	18.068	5231382	36.989 ug/ml
18) T n-Dotriacontane (C32)	18.897	5188696	36.994 ug/ml
19) T n-Tetratriacontane (C34)	19.681	5169539	37.776 ug/ml
20) T n-Hexatriacontane (C36)	20.422	4954026	37.043 ug/mlm
21) T n-Octatriacontane (C38)	21.163	4871136	35.728 ug/ml
22) T n-Tetracontane (C40)	22.082	5073922	36.469 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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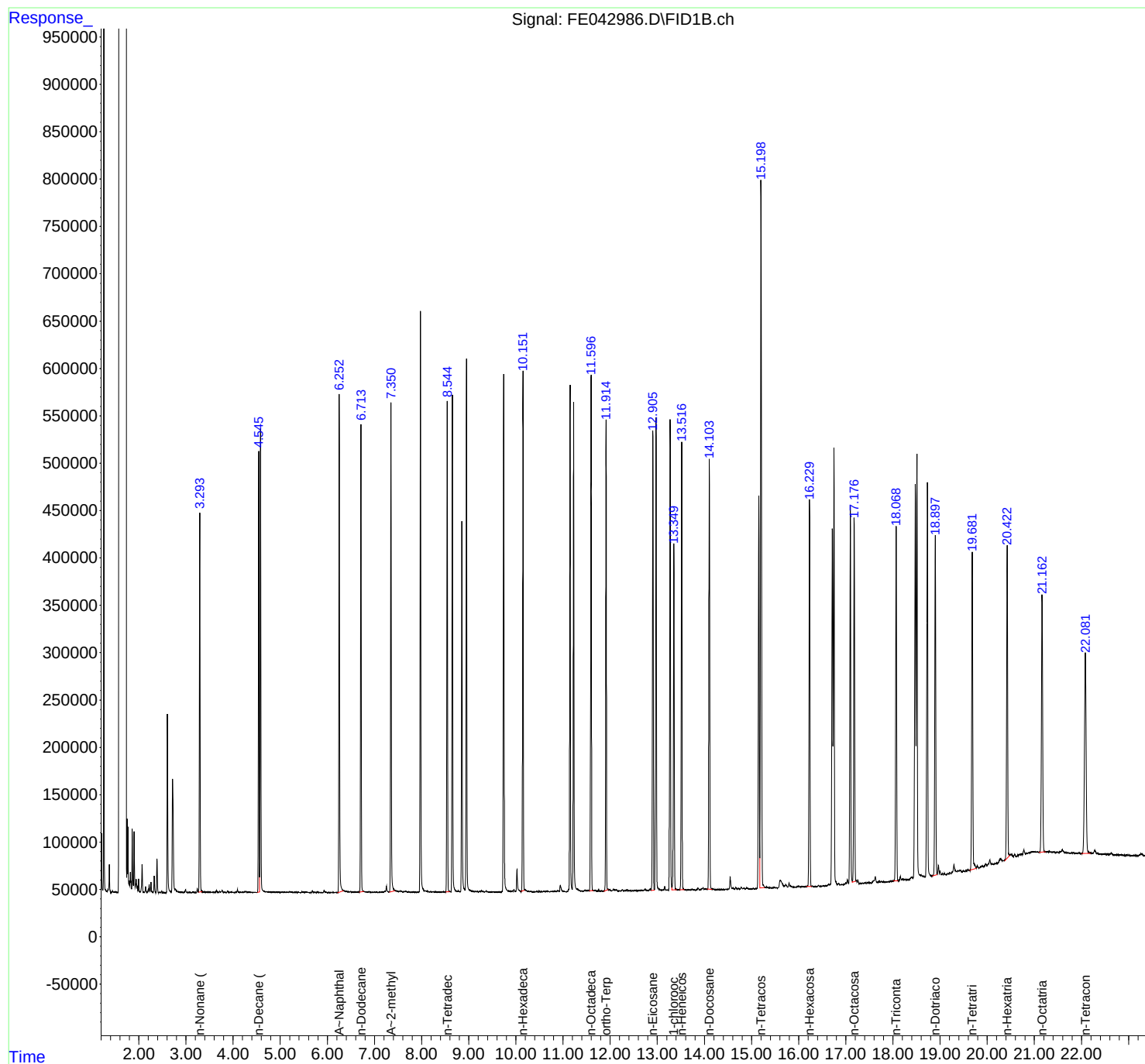
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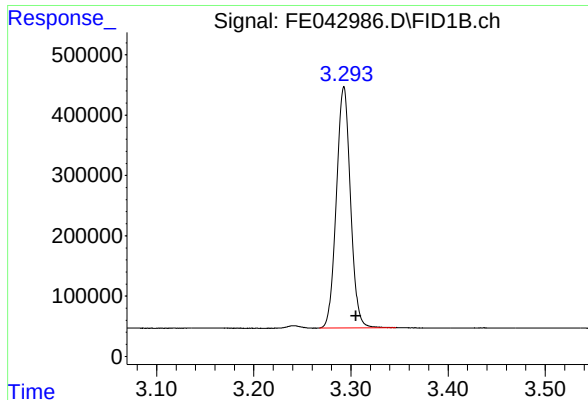
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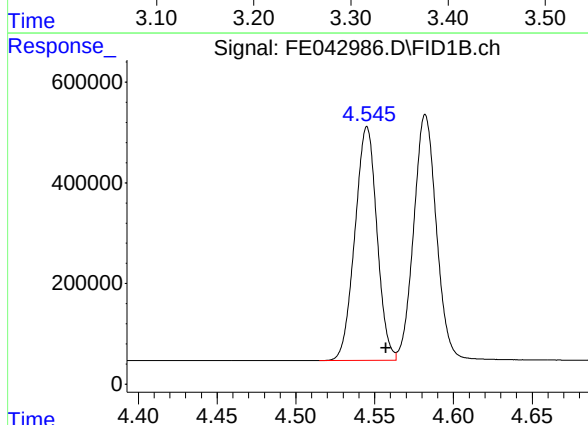
#1 n-Nonane (C9)

R.T.: 3.293 min
Delta R.T.: -0.012 min
Response: 4058264
Conc: 26.27 ug/ml

Instrument :
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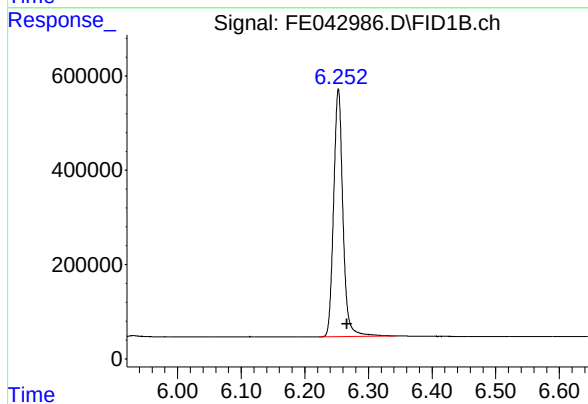
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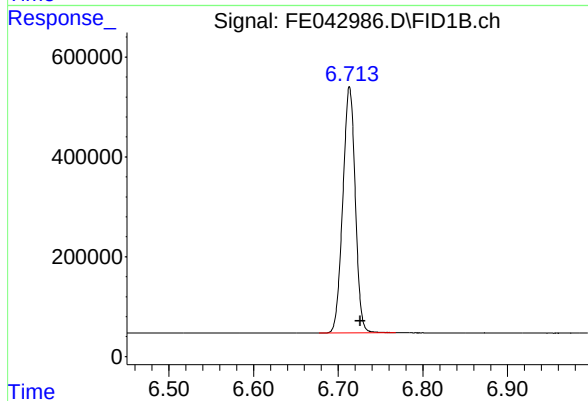
#2 n-Decane (C10)

R.T.: 4.545 min
Delta R.T.: -0.012 min
Response: 4518812
Conc: 28.61 ug/ml



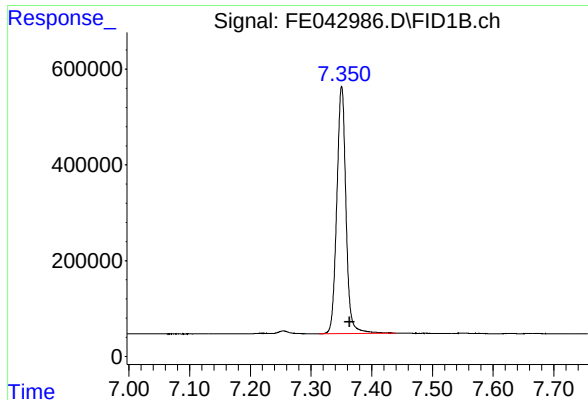
#3 A~Naphthalene (C11.7)

R.T.: 6.253 min
Delta R.T.: -0.014 min
Response: 5350110
Conc: 31.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.713 min
Delta R.T.: -0.013 min
Response: 5046968
Conc: 31.53 ug/ml



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

R.T.: 7.351 min
Delta R.T.: -0.013 min
Response: 5437748
Conc: 33.54 ug/ml

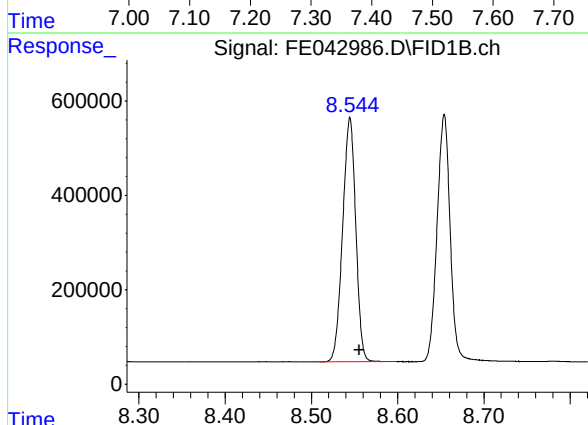
Instrument :

FID_E

ClientSampleId :
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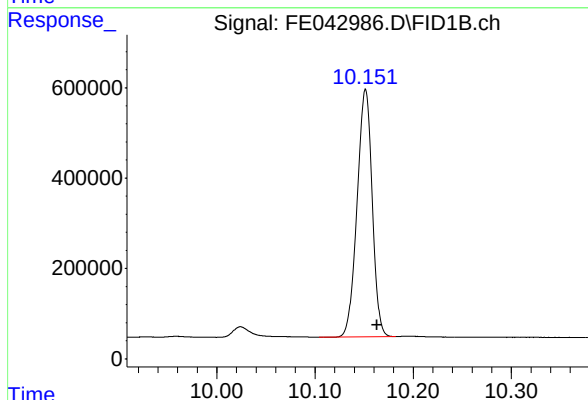
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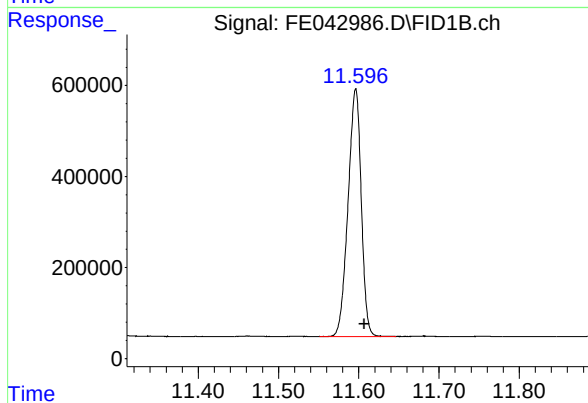
#6 n-Tetradecane (C14)

R.T.: 8.545 min
Delta R.T.: -0.011 min
Response: 5464831
Conc: 34.34 ug/ml



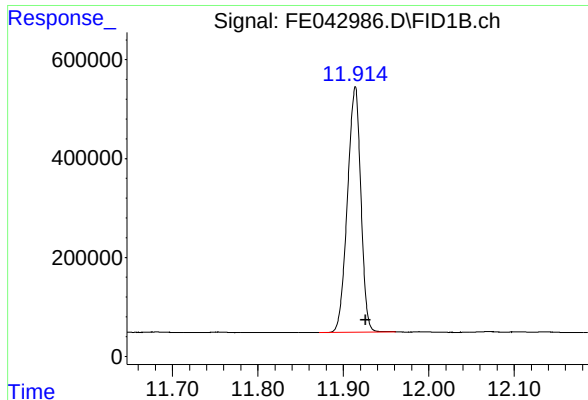
#7 n-Hexadecane (C16)

R.T.: 10.152 min
Delta R.T.: -0.012 min
Response: 5843325
Conc: 35.48 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.596 min
Delta R.T.: -0.010 min
Response: 6211025
Conc: 37.37 ug/ml



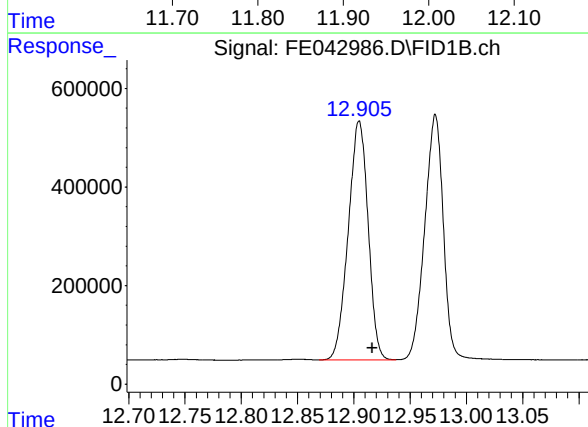
#9 ortho-Terphenyl (SURR)

R.T.: 11.914 min
Delta R.T.: -0.012 min
Response: 5405590
Conc: 29.43 ug/ml

Instrument :
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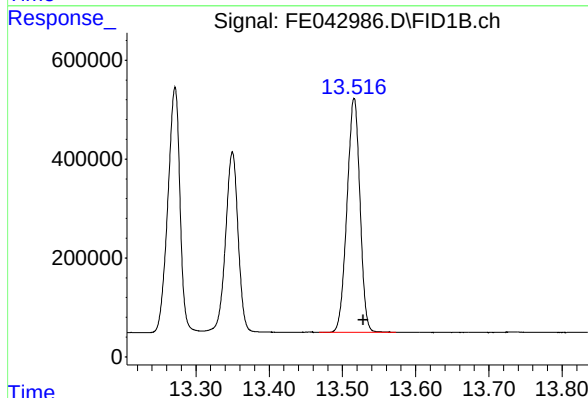
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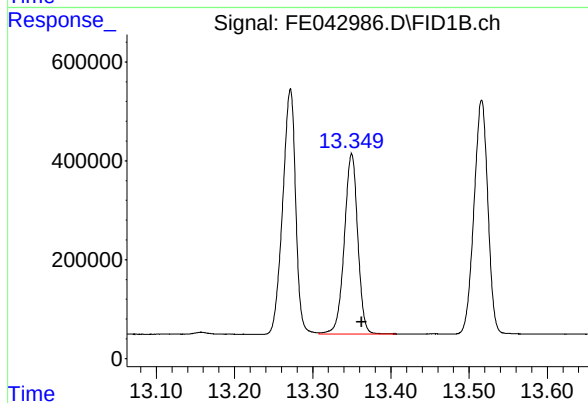
#10 n-Eicosane (C20)

R.T.: 12.905 min
Delta R.T.: -0.011 min
Response: 5949113
Conc: 37.49 ug/ml



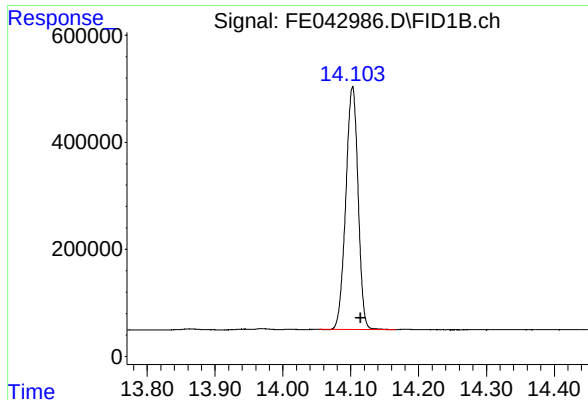
#11 n-Heneicosane (C21)

R.T.: 13.516 min
Delta R.T.: -0.012 min
Response: 5822735
Conc: 37.64 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.350 min
Delta R.T.: -0.013 min
Response: 4365209
Conc: 32.08 ug/ml



#13 n-Docosane (C22)

R.T.: 14.103 min
Delta R.T.: -0.012 min
Response: 5718202
Conc: 37.54 ug/ml

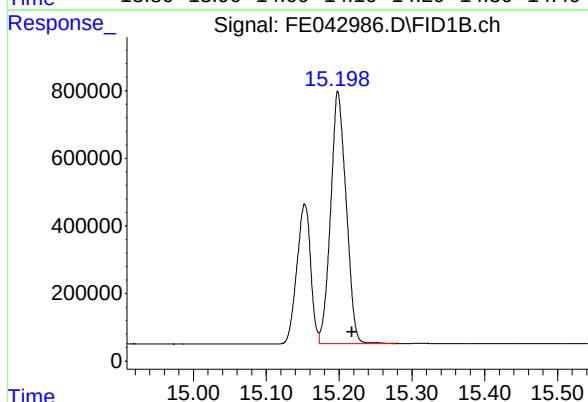
Instrument :

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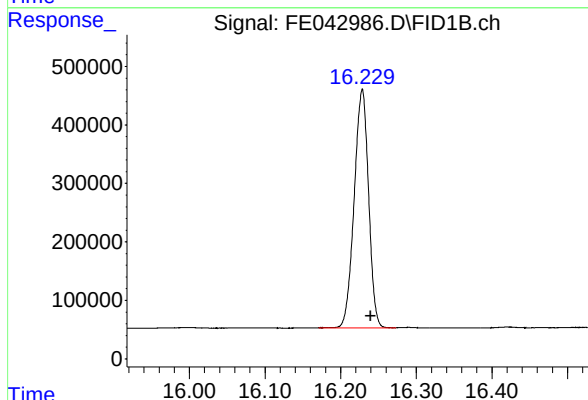
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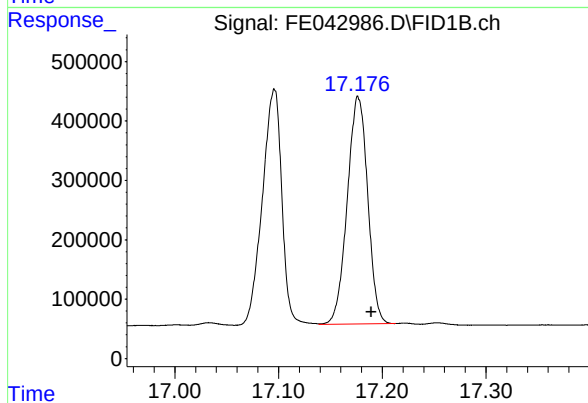
#14 n-Tetracosane (C24)

R.T.: 15.198 min
Delta R.T.: -0.019 min
Response: 11037849
Conc: 74.39 ug/ml



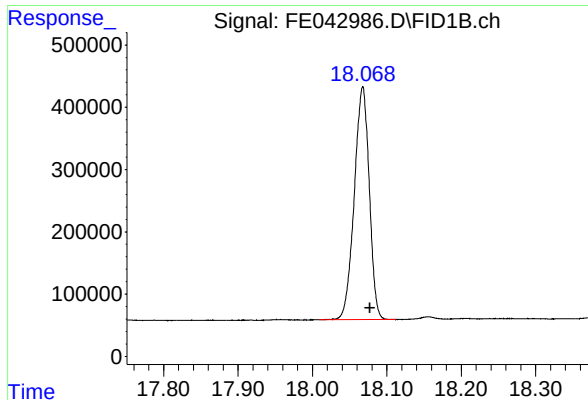
#15 n-Hexacosane (C26)

R.T.: 16.229 min
Delta R.T.: -0.011 min
Response: 5386275
Conc: 37.68 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.177 min
Delta R.T.: -0.013 min
Response: 5245479
Conc: 37.82 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.068 min
Delta R.T.: -0.010 min
Response: 5231382
Conc: 36.99 ug/ml

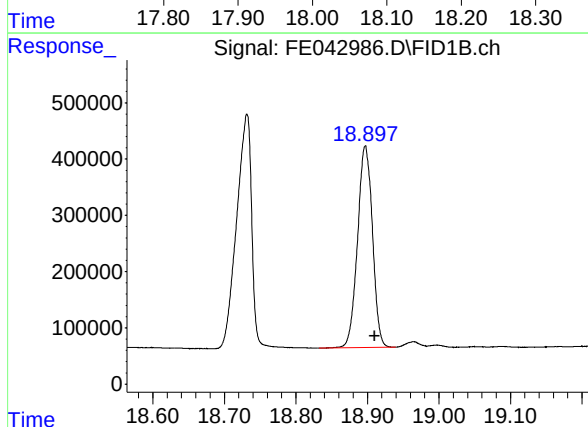
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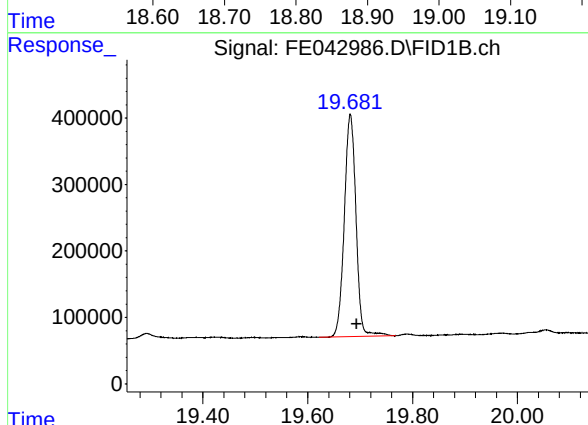
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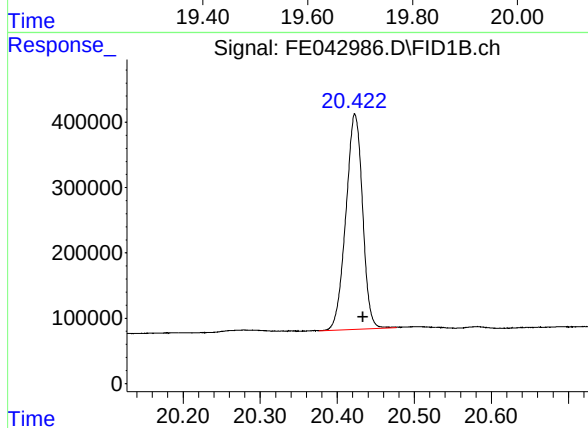
#18 n-Dotriacontane (C32)

R.T.: 18.897 min
Delta R.T.: -0.013 min
Response: 5188696
Conc: 36.99 ug/ml



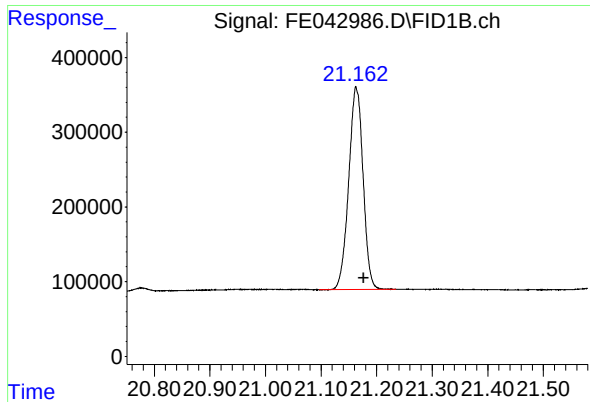
#19 n-Tetratriacontane (C34)

R.T.: 19.681 min
Delta R.T.: -0.012 min
Response: 5169539
Conc: 37.78 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.422 min
Delta R.T.: -0.011 min
Response: 4954026
Conc: 37.04 ug/ml m



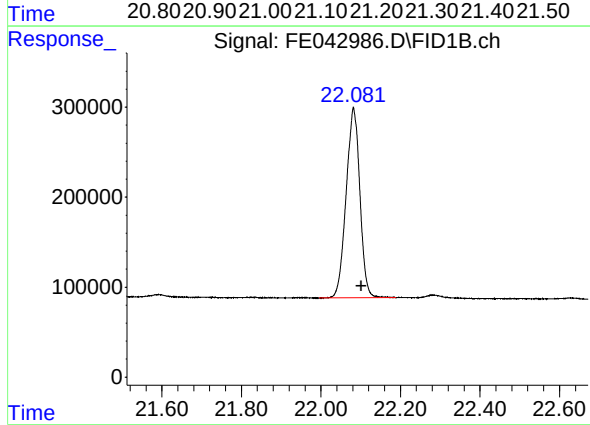
#21 n-Octatriacontane (C38)

R.T.: 21.163 min
Delta R.T.: -0.014 min
Response: 4871136
Conc: 35.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.082 min
Delta R.T.: -0.019 min
Response: 5073922
Conc: 36.47 ug/ml