

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062422AL\
 Data File : FE036218.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jun 2022 09:30
 Operator : YP\AJ
 Sample : N3478-02MS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 RO-364MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2022
 Supervised By :Ankita Jodhani 06/27/2022

Integration File: autoint1.e
 Quant Time: Jun 25 11:15:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 2022
 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)	11.875	8838880	44.240 ug/ml
Spiked Amount 50.000		Recovery =	88.48%
12) S 1-chlorooctadecane (S...	13.312	7043803	45.497 ug/ml
Spiked Amount 50.000		Recovery =	90.99%
Target Compounds			
1) T n-Nonane (C9)	3.266	4867627	27.063 ug/ml
2) T n-Decane (C10)	4.521	6274850	34.907 ug/ml
3) T A~Naphthalene (C11.7)	6.219	8682021	43.272 ug/ml
4) T n-Dodecane (C12)	6.687	8058054	43.504 ug/ml
5) T A~2-methylnaphthalene...	7.315	9440056	46.372 ug/ml
6) T n-Tetradecane (C14)	8.515	9409794	50.332 ug/ml
7) T n-Hexadecane (C16)	10.120	10662724	56.937 ug/ml
8) T n-Octadecane (C18)	11.563	11463036	61.615 ug/ml
10) T n-Eicosane (C20)	12.872	11028195	60.875 ug/ml
11) T n-Heneicosane (C21)	13.483	10851101	60.408 ug/ml
13) T n-Docosane (C22)	14.069	10677022	60.391 ug/ml
14) T n-Tetracosane (C24)	15.171	9028721	52.715 ug/ml
15) T n-Hexacosane (C26)	16.194	10032075	60.719 ug/ml
16) T n-Octacosane (C28)	17.142	9561993	59.735 ug/ml
17) T n-Tricontane (C30)	18.032	9231285	59.626 ug/ml
18) T n-Dotriacontane (C32)	18.862	9577955	65.541 ug/ml
19) T n-Tetratriacontane (C34)	19.644	9043616	65.352 ug/mlm
20) T n-Hexatriacontane (C36)	20.384	8452340	62.961 ug/ml
21) T n-Octatriacontane (C38)	21.115	8042470	60.474 ug/mlm
22) T n-Tetracontane (C40)	22.007	9676275	69.202 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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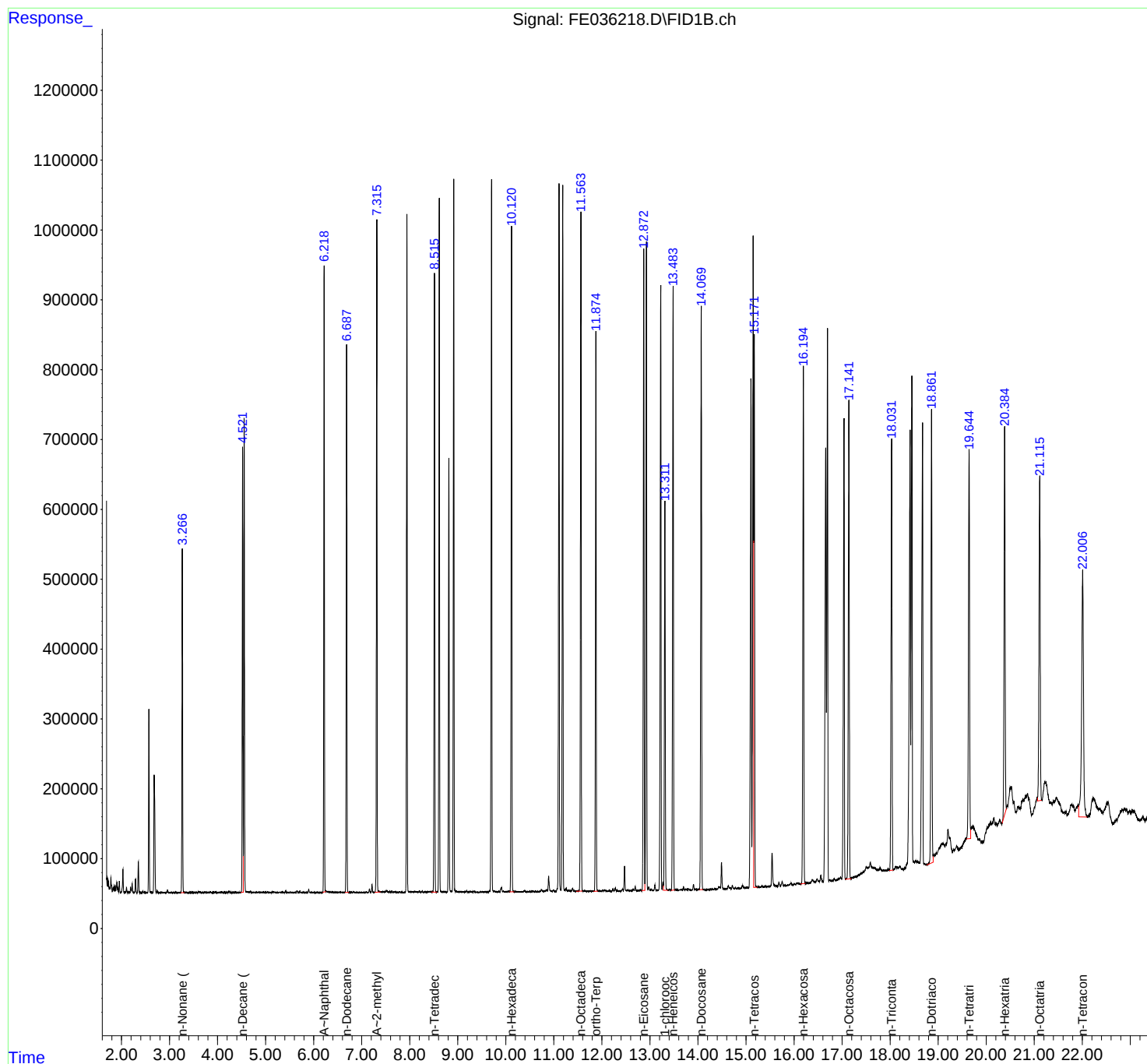
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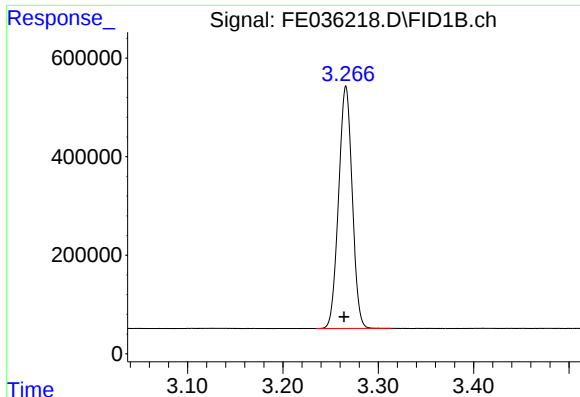
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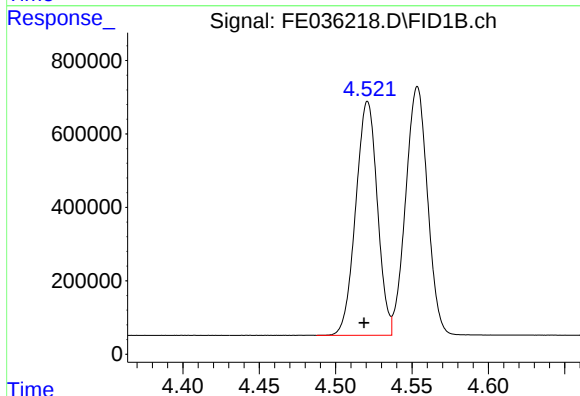
#1 n-Nonane (C9)

R.T.: 3.266 min
Delta R.T.: 0.002 min
Response: 4867627
Conc: 27.06 ug/ml

Instrument :
FID_E
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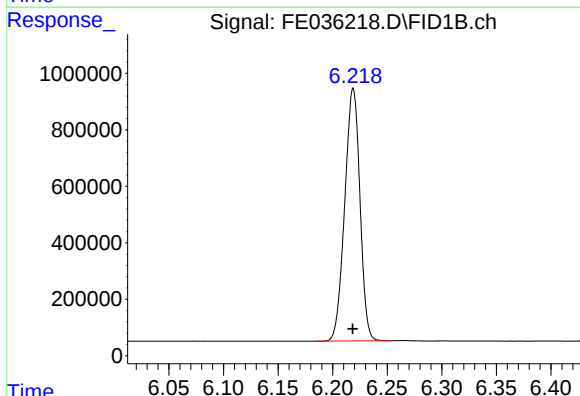
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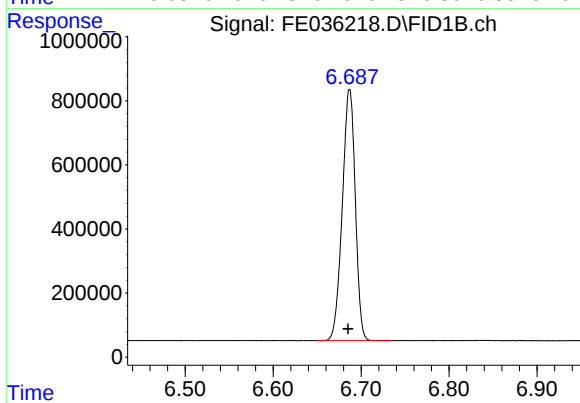
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: 0.002 min
Response: 6274850
Conc: 34.91 ug/ml



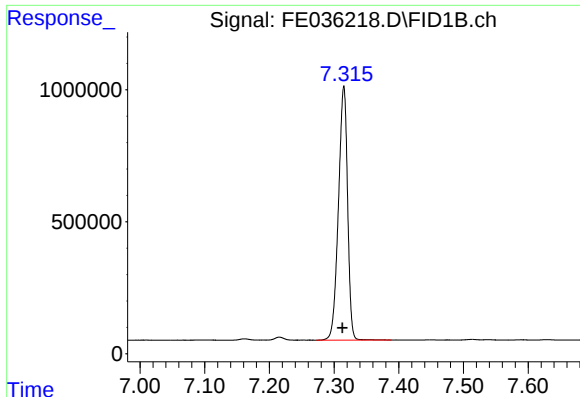
#3 A~Naphthalene (C11.7)

R.T.: 6.219 min
Delta R.T.: 0.000 min
Response: 8682021
Conc: 43.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.687 min
Delta R.T.: 0.002 min
Response: 8058054
Conc: 43.50 ug/ml



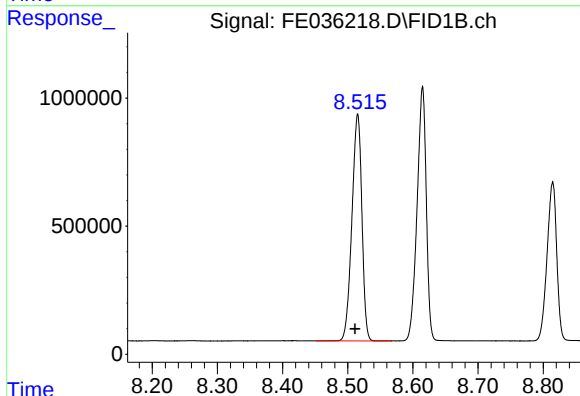
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.315 min
Delta R.T.: 0.002 min
Response: 9440056
Conc: 46.37 ug/ml

Instrument :
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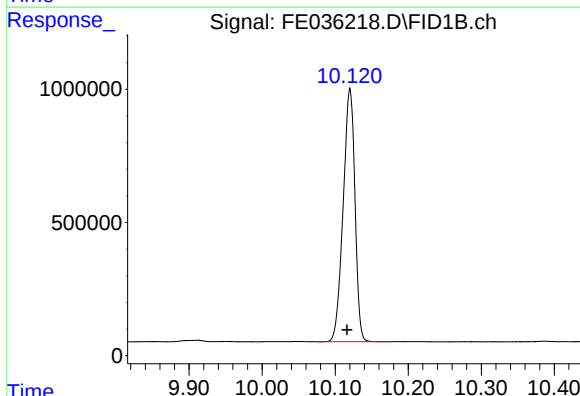
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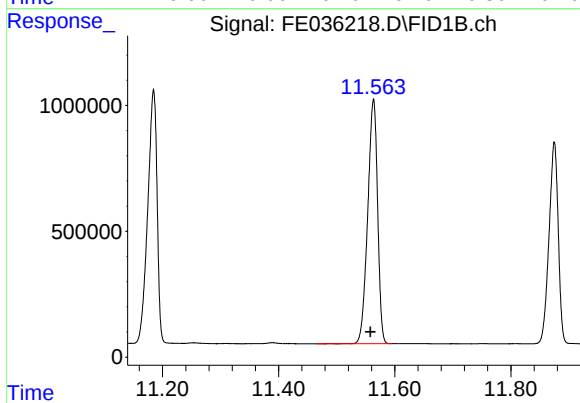
#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: 0.004 min
Response: 9409794
Conc: 50.33 ug/ml



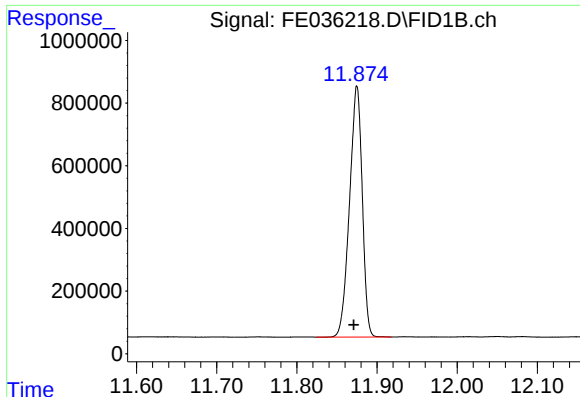
#7 n-Hexadecane (C16)

R.T.: 10.120 min
Delta R.T.: 0.004 min
Response: 10662724
Conc: 56.94 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.563 min
Delta R.T.: 0.005 min
Response: 11463036
Conc: 61.61 ug/ml



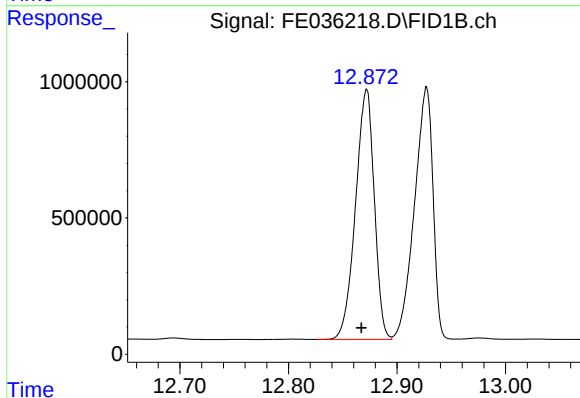
#9 ortho-Terphenyl (SURR)

R.T.: 11.875 min
Delta R.T.: 0.004 min
Response: 8838880
Conc: 44.24 ug/ml

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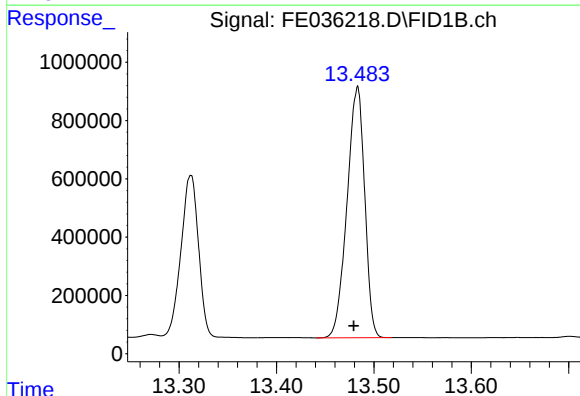
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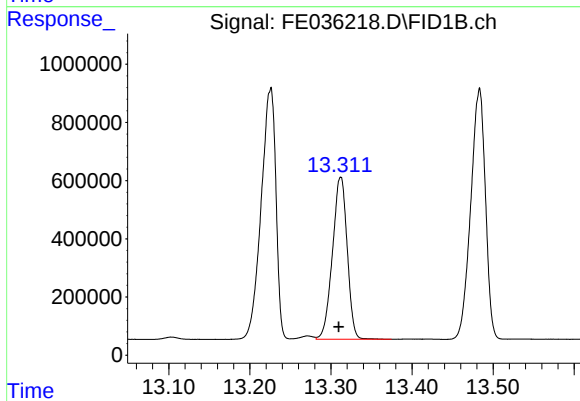
#10 n-Eicosane (C20)

R.T.: 12.872 min
Delta R.T.: 0.005 min
Response: 11028195
Conc: 60.87 ug/ml



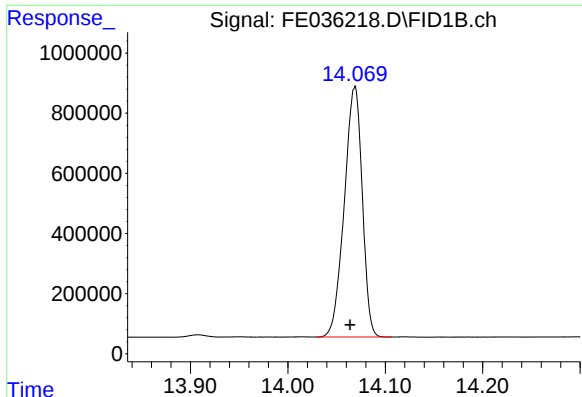
#11 n-Heneicosane (C21)

R.T.: 13.483 min
Delta R.T.: 0.004 min
Response: 10851101
Conc: 60.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.312 min
Delta R.T.: 0.002 min
Response: 7043803
Conc: 45.50 ug/ml



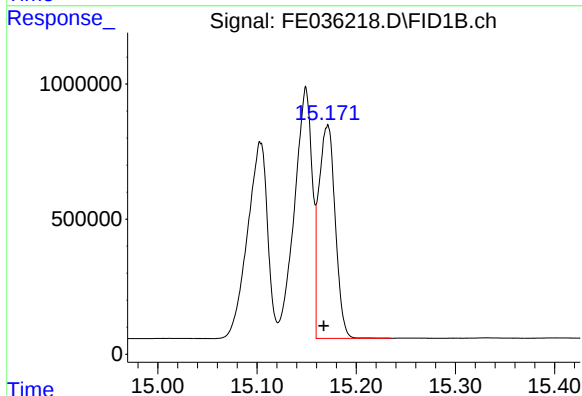
#13 n-Docosane (C22)

R.T.: 14.069 min
Delta R.T.: 0.005 min
Response: 10677022
Conc: 60.39 ug/ml

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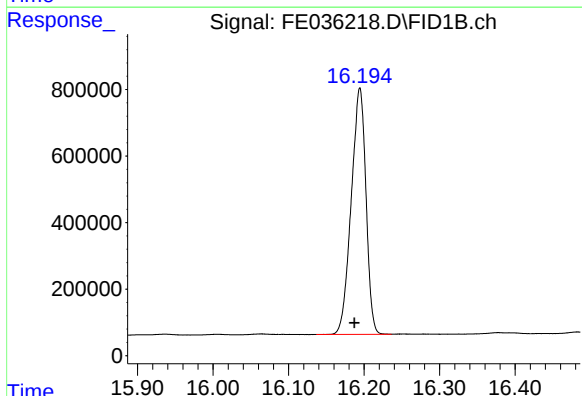
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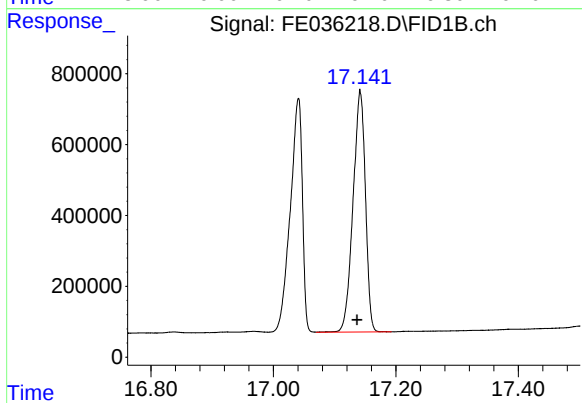
#14 n-Tetracosane (C24)

R.T.: 15.171 min
Delta R.T.: 0.004 min
Response: 9028721
Conc: 52.71 ug/ml



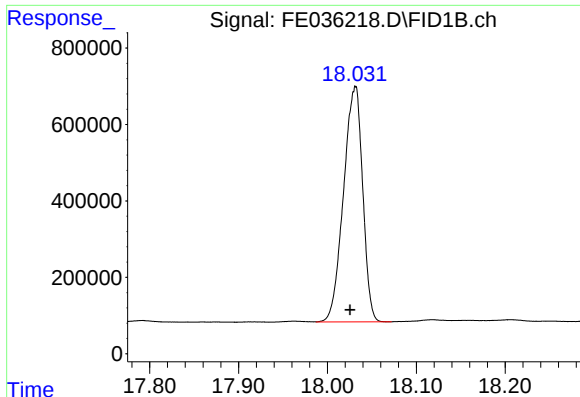
#15 n-Hexacosane (C26)

R.T.: 16.194 min
Delta R.T.: 0.007 min
Response: 10032075
Conc: 60.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.142 min
Delta R.T.: 0.005 min
Response: 9561993
Conc: 59.73 ug/ml



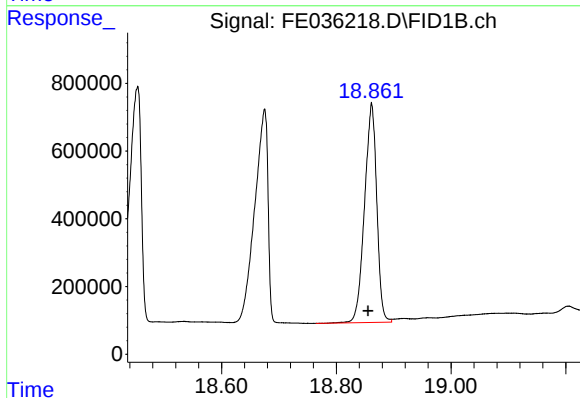
#17 n-Tricontane (C30)

R.T.: 18.032 min
Delta R.T.: 0.006 min
Response: 9231285
Conc: 59.63 ug/ml

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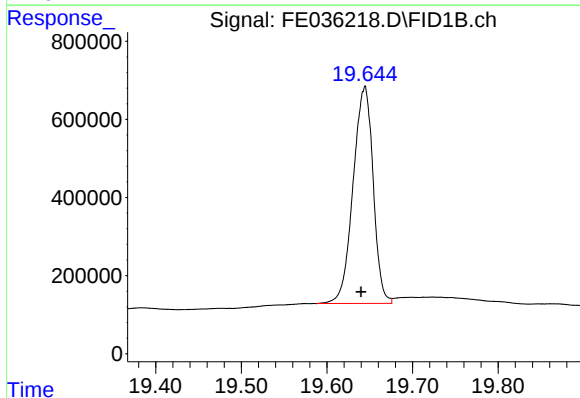
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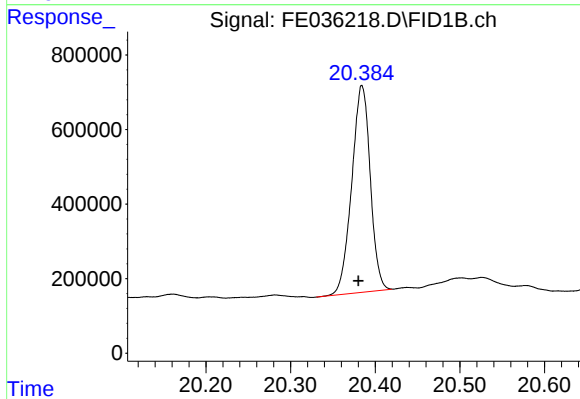
#18 n-Dotriacontane (C32)

R.T.: 18.862 min
Delta R.T.: 0.006 min
Response: 9577955
Conc: 65.54 ug/ml



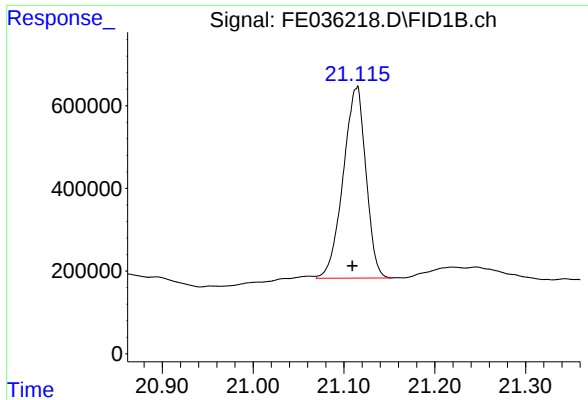
#19 n-Tetratriacontane (C34)

R.T.: 19.644 min
Delta R.T.: 0.005 min
Response: 9043616
Conc: 65.35 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.384 min
Delta R.T.: 0.004 min
Response: 8452340
Conc: 62.96 ug/ml



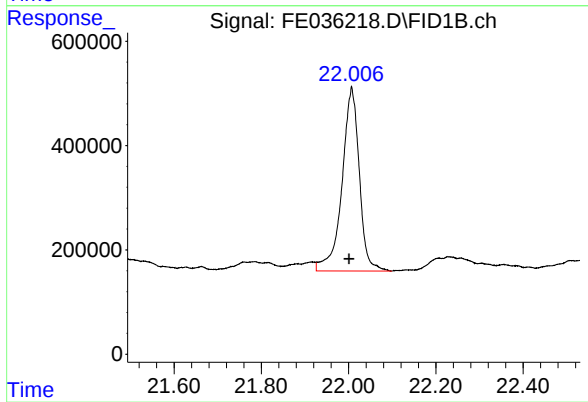
#21 n-Octatriacontane (C38)

R.T.: 21.115 min
Delta R.T.: 0.006 min
Response: 8042470
Conc: 60.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.007 min
Delta R.T.: 0.006 min
Response: 9676275
Conc: 69.20 ug/ml