

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062722AL\
 Data File : FE036246.D
 Signal(s) : FID1B.ch
 Acq On : 27 Jun 2022 22:14
 Operator : YP\AJ
 Sample : N3501-02MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 B2208-35MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2022
 Supervised By :Ankita Jodhani 06/28/2022

Integration File: autoint1.e
 Quant Time: Jun 28 03:14:00 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)	11.880	6959676	34.834 ug/ml
Spiked Amount 50.000		Recovery =	69.67%
12) S 1-chlorooctadecane (S...	13.318	5465883	35.305 ug/ml
Spiked Amount 50.000		Recovery =	70.61%
Target Compounds			
1) T n-Nonane (C9)	3.275	7765605	43.176 ug/ml
2) T n-Decane (C10)	4.528	9064445	50.426 ug/ml
3) T A~Naphthalene (C11.7)	6.226	10647563	53.069 ug/ml
4) T n-Dodecane (C12)	6.692	9764281	52.716 ug/ml
5) T A~2-methylnaphthalene...	7.323	10935565	53.719 ug/ml
6) T n-Tetradecane (C14)	8.520	10686082	57.159 ug/ml
7) T n-Hexadecane (C16)	10.126	11743241	62.707 ug/ml
8) T n-Octadecane (C18)	11.569	12397115	66.636 ug/ml
10) T n-Eicosane (C20)	12.877	11870810	65.526 ug/ml
11) T n-Heneicosane (C21)	13.489	11680723	65.027 ug/ml
13) T n-Docosane (C22)	14.074	11491550	64.998 ug/ml
14) T n-Tetracosane (C24)	15.178	8650358	50.506 ug/mlm
15) T n-Hexacosane (C26)	16.200	10832907	65.566 ug/ml
16) T n-Octacosane (C28)	17.148	10305458	64.379 ug/ml
17) T n-Tricontane (C30)	18.036	9908124	63.997 ug/mlm
18) T n-Dotriacontane (C32)	18.869	9921080	67.889 ug/ml
19) T n-Tetratriacontane (C34)	19.655	9497984	68.636 ug/mlm
20) T n-Hexatriacontane (C36)	20.392	9073127	67.585 ug/mlm
21) T n-Octatriacontane (C38)	21.123	8520087	64.066 ug/ml
22) T n-Tetracontane (C40)	22.019	9152530	65.456 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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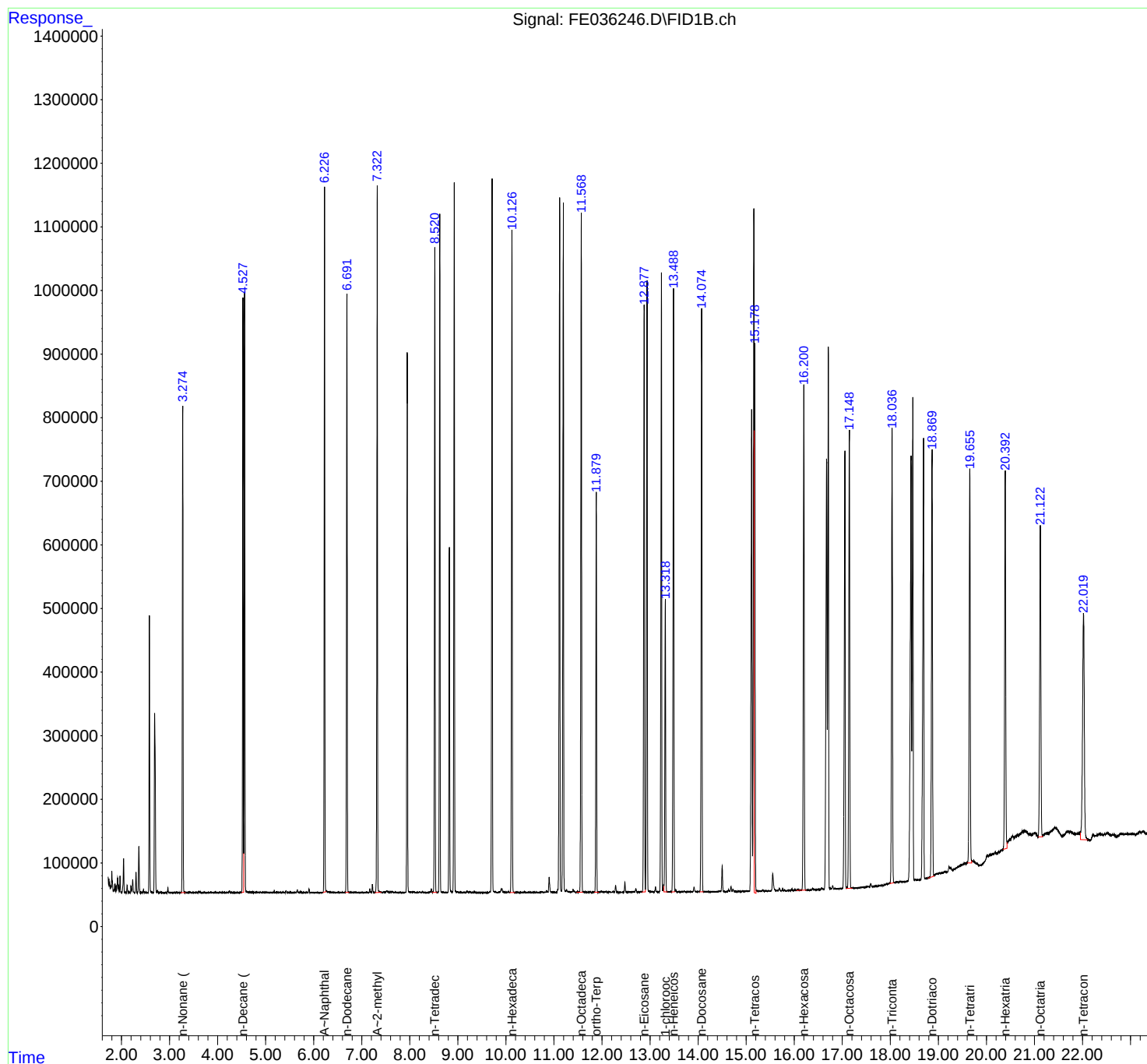
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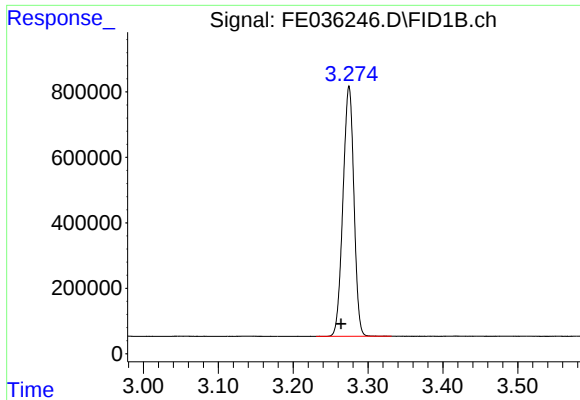
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#1 n-Nonane (C9)

R.T.: 3.275 min
Delta R.T.: 0.011 min
Response: 7765605
Conc: 43.18 ug/ml

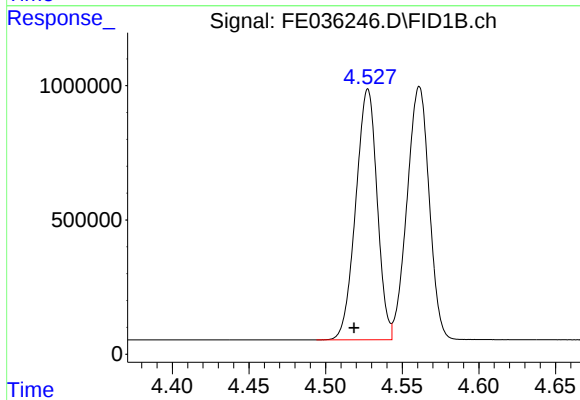
Instrument :

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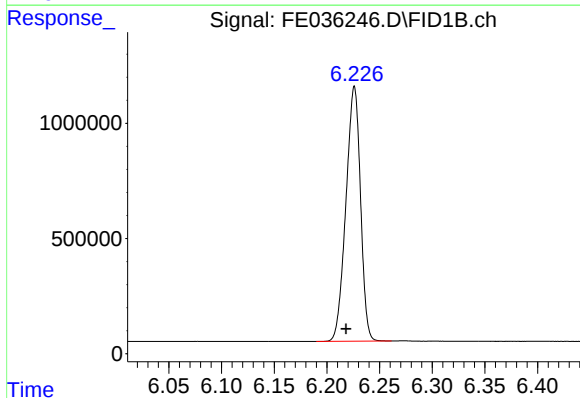
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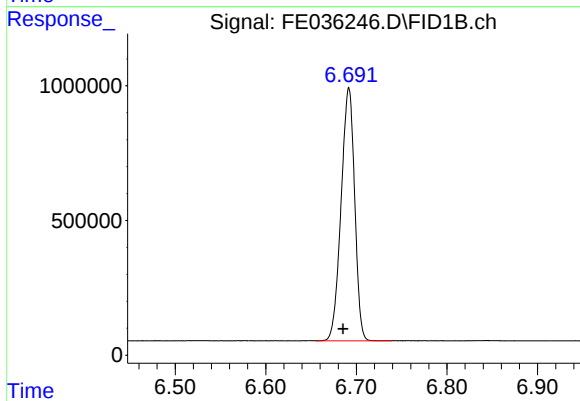
#2 n-Decane (C10)

R.T.: 4.528 min
Delta R.T.: 0.009 min
Response: 9064445
Conc: 50.43 ug/ml



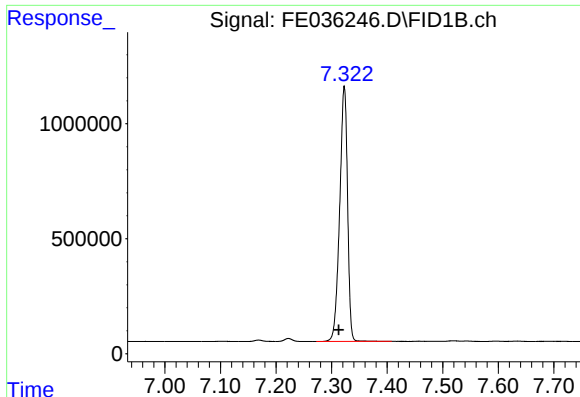
#3 A~Naphthalene (C11.7)

R.T.: 6.226 min
Delta R.T.: 0.008 min
Response: 10647563
Conc: 53.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.692 min
Delta R.T.: 0.007 min
Response: 9764281
Conc: 52.72 ug/ml



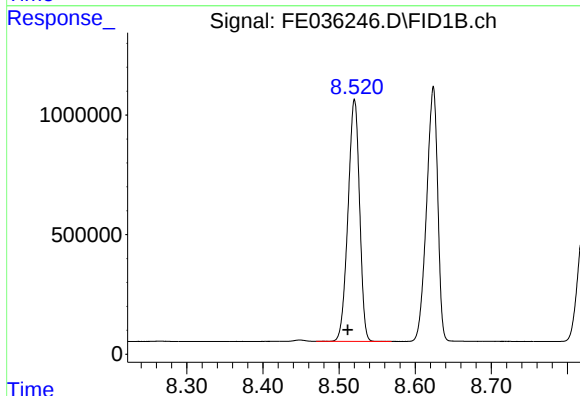
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.323 min
Delta R.T.: 0.010 min
Response: 10935565
Conc: 53.72 ug/ml

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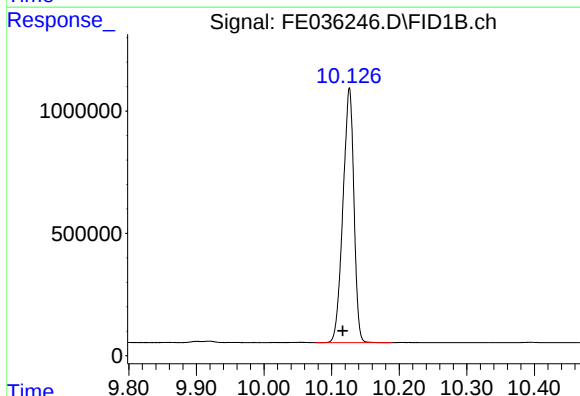
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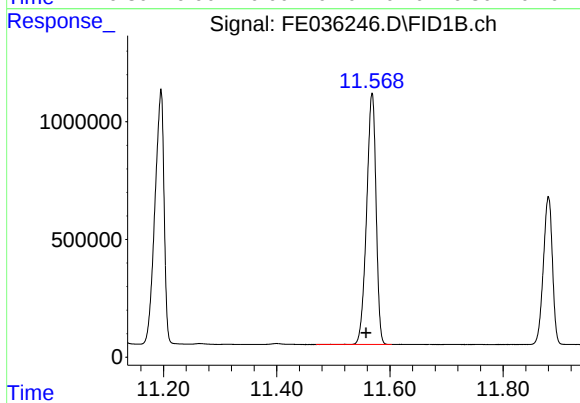
#6 n-Tetradecane (C14)

R.T.: 8.520 min
Delta R.T.: 0.009 min
Response: 10686082
Conc: 57.16 ug/ml



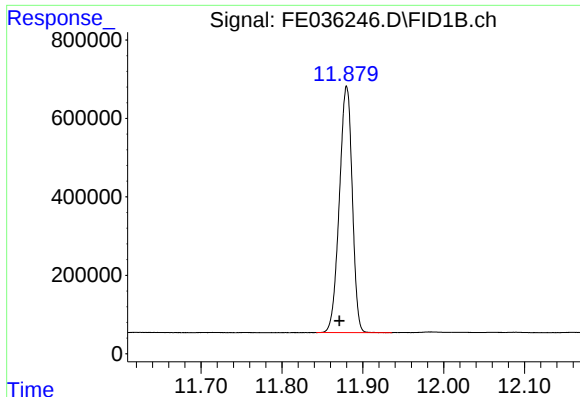
#7 n-Hexadecane (C16)

R.T.: 10.126 min
Delta R.T.: 0.010 min
Response: 11743241
Conc: 62.71 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.569 min
Delta R.T.: 0.010 min
Response: 12397115
Conc: 66.64 ug/ml



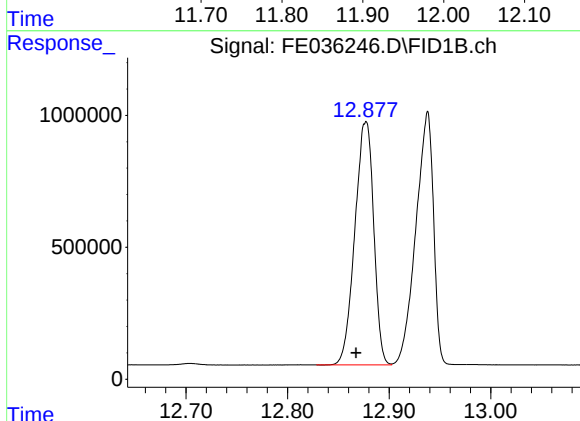
#9 ortho-Terphenyl (SURR)

R.T.: 11.880 min
Delta R.T.: 0.009 min
Response: 6959676
Conc: 34.83 ug/ml

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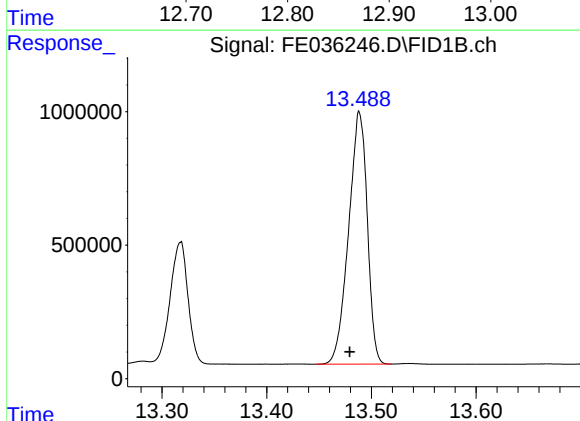
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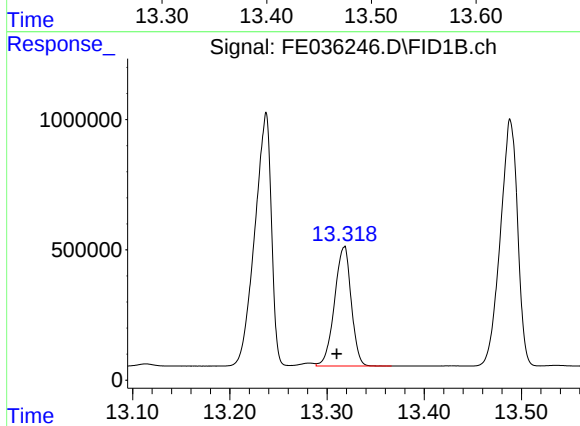
#10 n-Eicosane (C20)

R.T.: 12.877 min
Delta R.T.: 0.010 min
Response: 11870810
Conc: 65.53 ug/ml



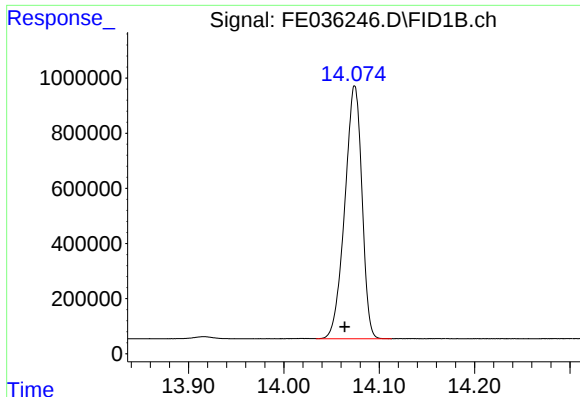
#11 n-Heneicosane (C21)

R.T.: 13.489 min
Delta R.T.: 0.009 min
Response: 11680723
Conc: 65.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.318 min
Delta R.T.: 0.008 min
Response: 5465883
Conc: 35.31 ug/ml



#13 n-Docosane (C22)

R.T.: 14.074 min
Delta R.T.: 0.010 min
Response: 11491550
Conc: 65.00 ug/ml

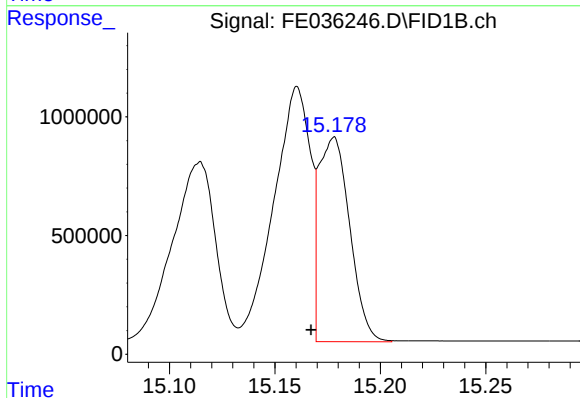
Instrument :

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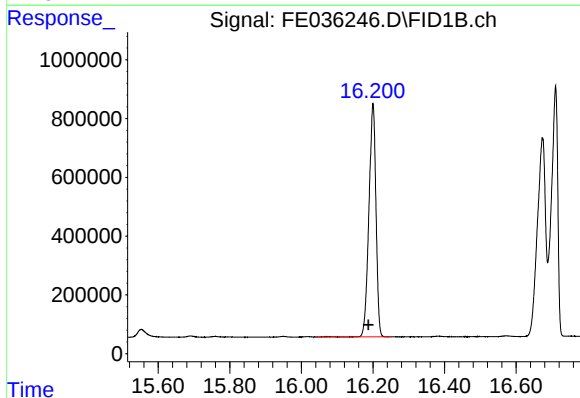
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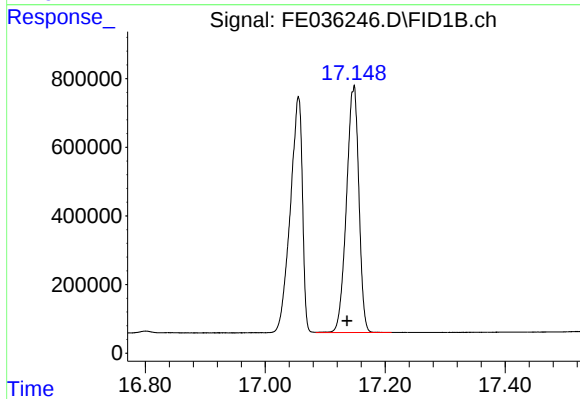
#14 n-Tetracosane (C24)

R.T.: 15.178 min
Delta R.T.: 0.011 min
Response: 8650358
Conc: 50.51 ug/ml m



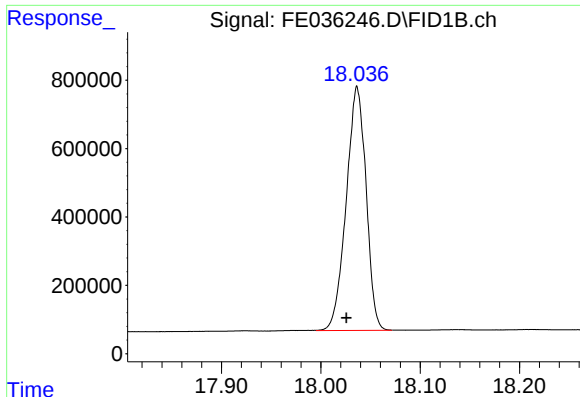
#15 n-Hexacosane (C26)

R.T.: 16.200 min
Delta R.T.: 0.013 min
Response: 10832907
Conc: 65.57 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.148 min
Delta R.T.: 0.011 min
Response: 10305458
Conc: 64.38 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.036 min
Delta R.T.: 0.010 min
Response: 9908124
Conc: 64.00 ug/ml

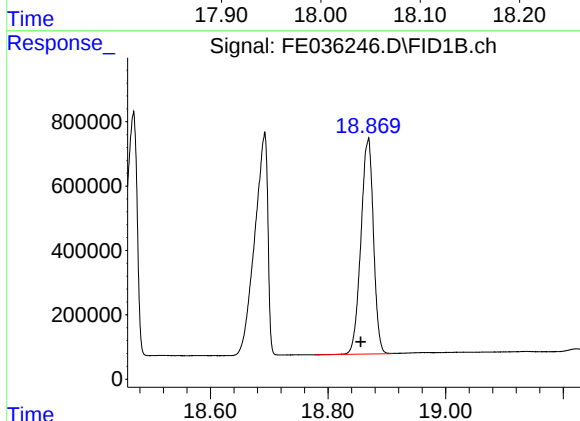
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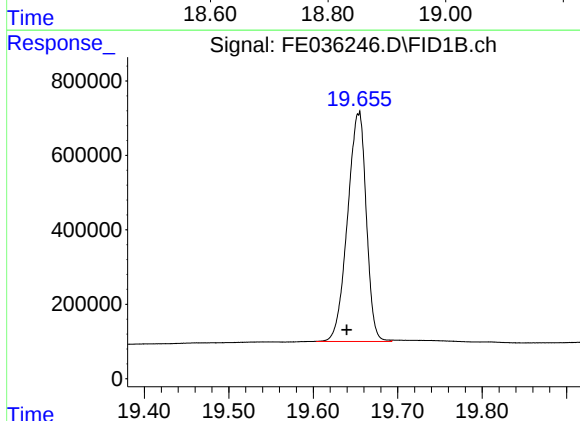
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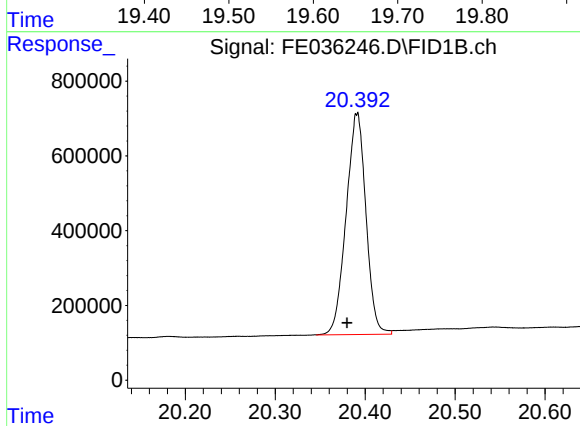
#18 n-Dotriacontane (C32)

R.T.: 18.869 min
Delta R.T.: 0.013 min
Response: 9921080
Conc: 67.89 ug/ml



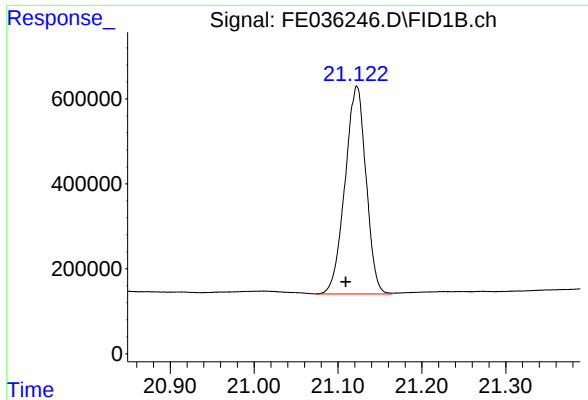
#19 n-Tetratriacontane (C34)

R.T.: 19.655 min
Delta R.T.: 0.015 min
Response: 9497984
Conc: 68.64 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.392 min
Delta R.T.: 0.012 min
Response: 9073127
Conc: 67.58 ug/ml m



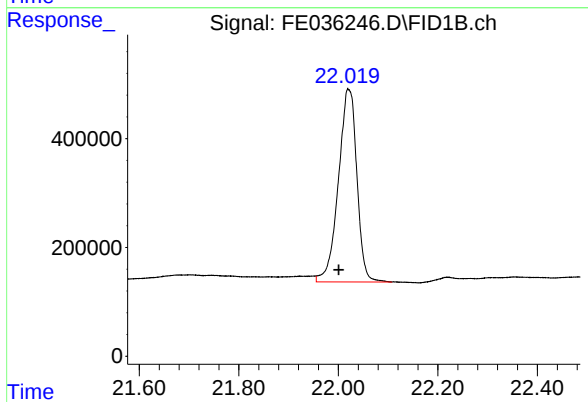
#21 n-Octatriacontane (C38)

R.T.: 21.123 min
Delta R.T.: 0.013 min
Response: 8520087
Conc: 64.07 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.019 min
Delta R.T.: 0.017 min
Response: 9152530
Conc: 65.46 ug/ml m