

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062822AL\
 Data File : FE036266.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jun 2022 17:45
 Operator : YP\AJ
 Sample : N3516-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 R-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2022
 Supervised By :Ankita Jodhani 06/29/2022

Integration File: autoint1.e
 Quant Time: Jun 29 08:11:00 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)	11.882	7253127	36.303 ug/ml
Spiked Amount 50.000		Recovery =	72.61%
12) S 1-chlorooctadecane (S...	13.320	5699651	36.815 ug/ml
Spiked Amount 50.000		Recovery =	73.63%
Target Compounds			
1) T n-Nonane (C9)	3.273	8212560	45.661 ug/ml
2) T n-Decane (C10)	4.528	9490071	52.793 ug/ml
3) T A~Naphthalene (C11.7)	6.228	11138602	55.516 ug/ml
4) T n-Dodecane (C12)	6.693	10098947	54.523 ug/ml
5) T A~2-methylnaphthalene...	7.325	11472214	56.355 ug/ml
6) T n-Tetradecane (C14)	8.522	11004761	58.864 ug/ml
7) T n-Hexadecane (C16)	10.127	12308891	65.727 ug/ml
8) T n-Octadecane (C18)	11.571	13240419	71.169 ug/ml
10) T n-Eicosane (C20)	12.881	12815435	70.740 ug/ml
11) T n-Heneicosane (C21)	13.491	12633399	70.331 ug/ml
13) T n-Docosane (C22)	14.077	12454199	70.442 ug/ml
14) T n-Tetracosane (C24)	15.169	24327204	142.036 ug/ml
15) T n-Hexacosane (C26)	16.203	11805694	71.454 ug/ml
16) T n-Octacosane (C28)	17.149	11435299	71.437 ug/ml
17) T n-Tricontane (C30)	18.042	11194047	72.303 ug/ml
18) T n-Dotriacontane (C32)	18.871	11296832	77.303 ug/ml
19) T n-Tetratriacontane (C34)	19.654	10805790	78.087 ug/mlm
20) T n-Hexatriacontane (C36)	20.396	10590797	78.890 ug/mlm
21) T n-Octatriacontane (C38)	21.124	10271075	77.232 ug/ml
22) T n-Tetracontane (C40)	22.028	11538817	82.522 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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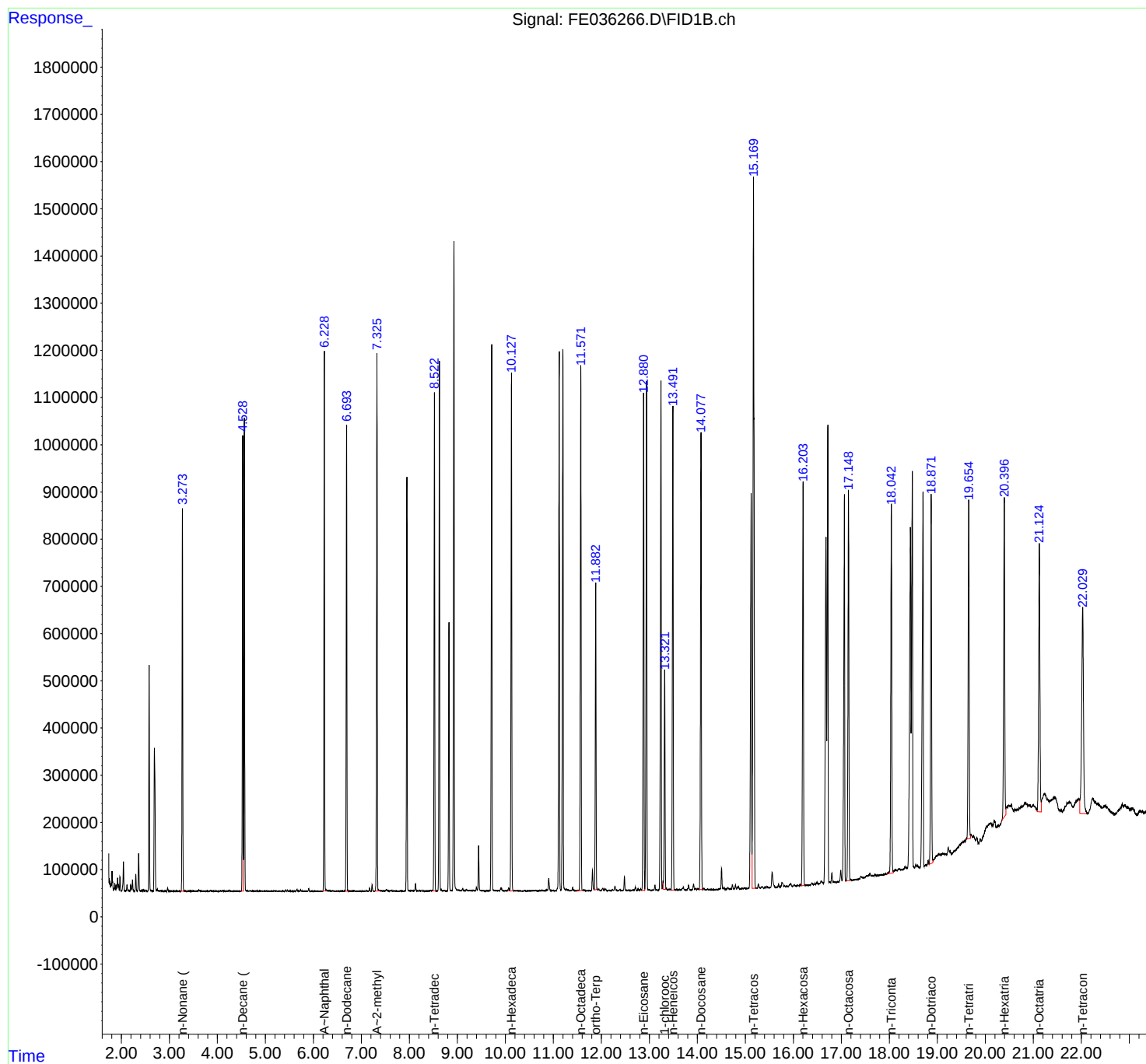
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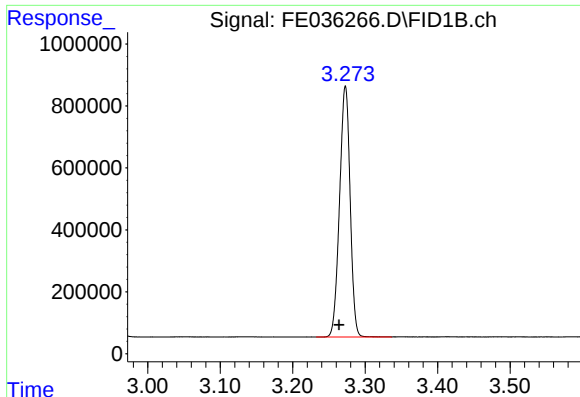
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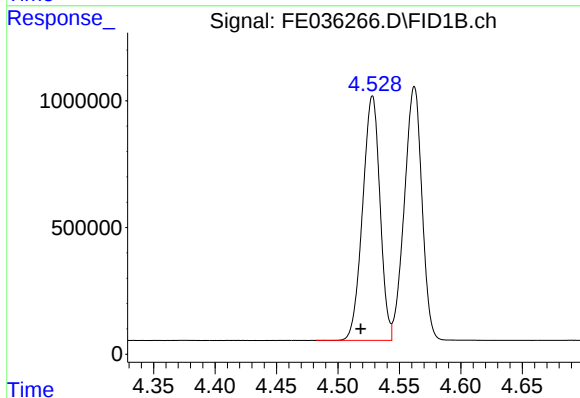
#1 n-Nonane (C9)

R.T.: 3.273 min
Delta R.T.: 0.009 min
Response: 8212560
Conc: 45.66 ug/ml

Instrument :
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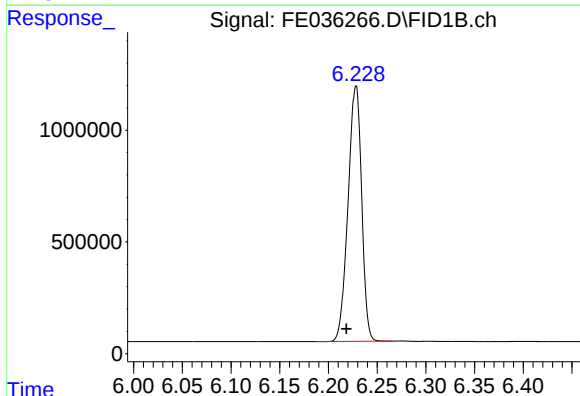
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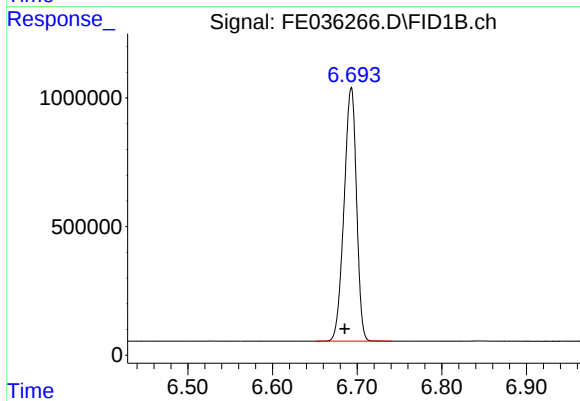
#2 n-Decane (C10)

R.T.: 4.528 min
Delta R.T.: 0.010 min
Response: 9490071
Conc: 52.79 ug/ml



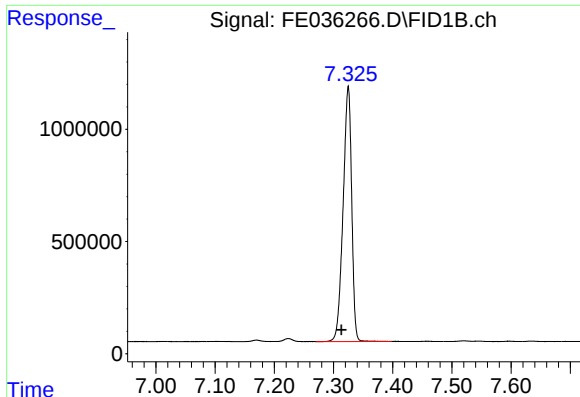
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: 0.010 min
Response: 11138602
Conc: 55.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.693 min
Delta R.T.: 0.008 min
Response: 10098947
Conc: 54.52 ug/ml



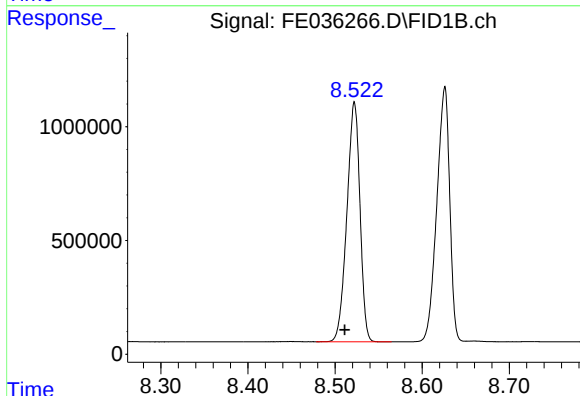
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.325 min
Delta R.T.: 0.012 min
Response: 11472214
Conc: 56.35 ug/ml

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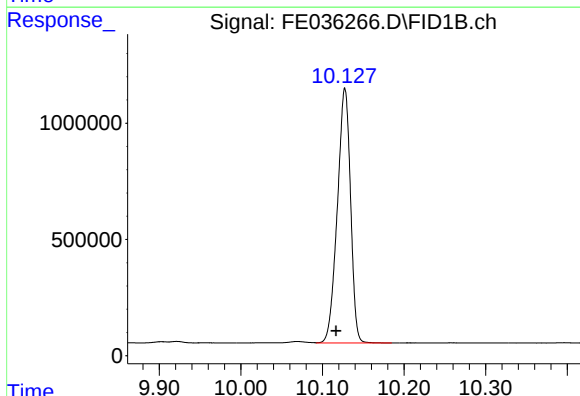
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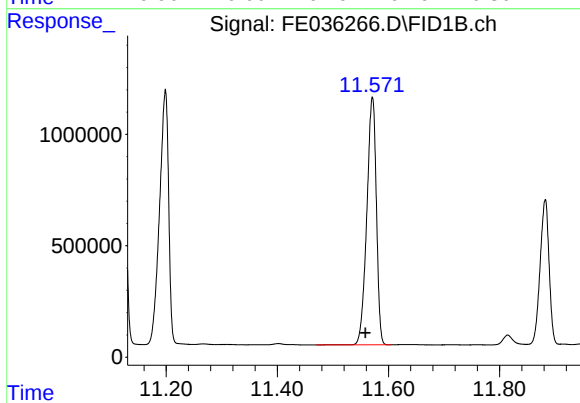
#6 n-Tetradecane (C14)

R.T.: 8.522 min
Delta R.T.: 0.011 min
Response: 11004761
Conc: 58.86 ug/ml



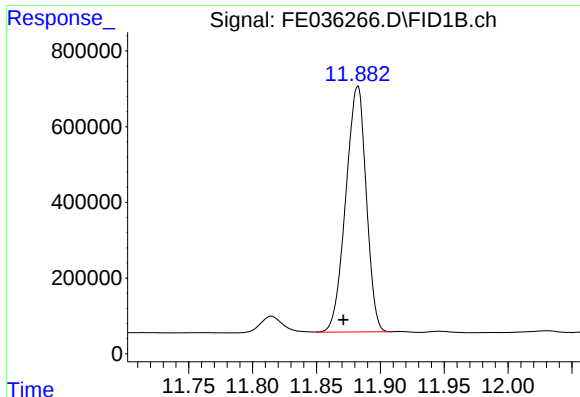
#7 n-Hexadecane (C16)

R.T.: 10.127 min
Delta R.T.: 0.011 min
Response: 12308891
Conc: 65.73 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.571 min
Delta R.T.: 0.013 min
Response: 13240419
Conc: 71.17 ug/ml



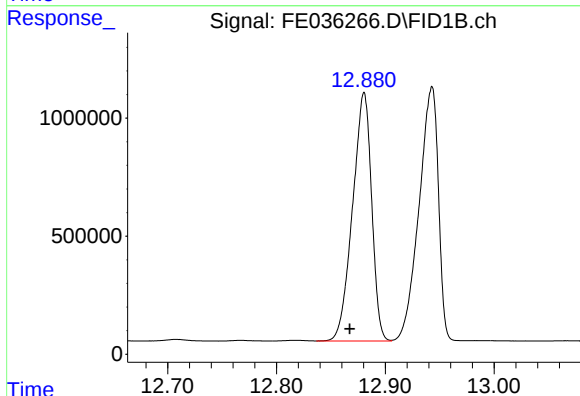
#9 ortho-Terphenyl (SURR)

R.T.: 11.882 min
Delta R.T.: 0.011 min
Response: 7253127
Conc: 36.30 ug/ml

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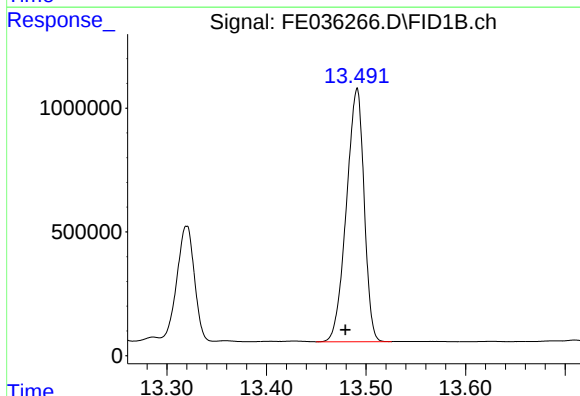
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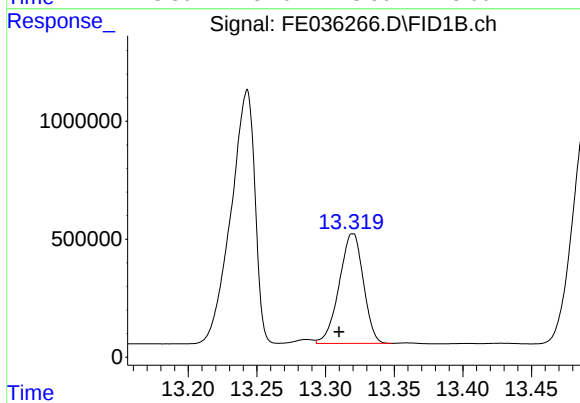
#10 n-Eicosane (C20)

R.T.: 12.881 min
Delta R.T.: 0.013 min
Response: 12815435
Conc: 70.74 ug/ml



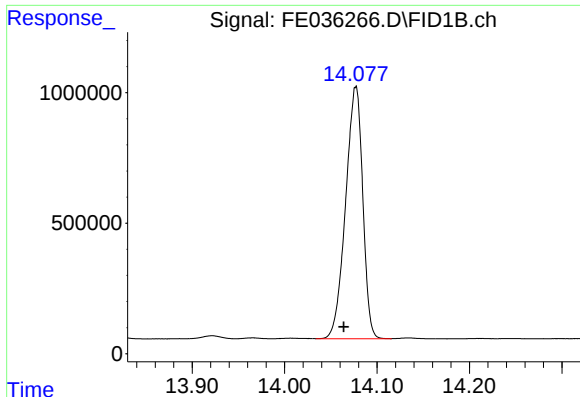
#11 n-Heneicosane (C21)

R.T.: 13.491 min
Delta R.T.: 0.012 min
Response: 12633399
Conc: 70.33 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.320 min
Delta R.T.: 0.010 min
Response: 5699651
Conc: 36.82 ug/ml



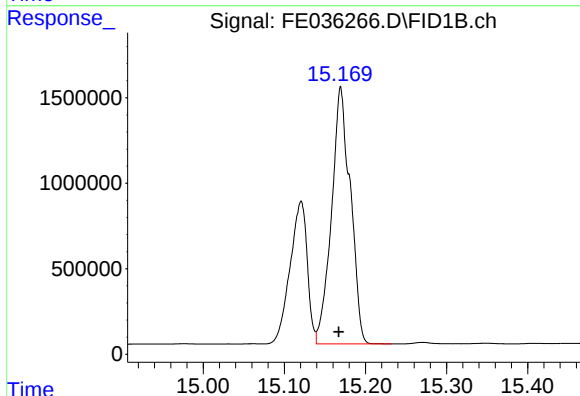
#13 n-Docosane (C22)

R.T.: 14.077 min
Delta R.T.: 0.013 min
Response: 12454199
Conc: 70.44 ug/ml

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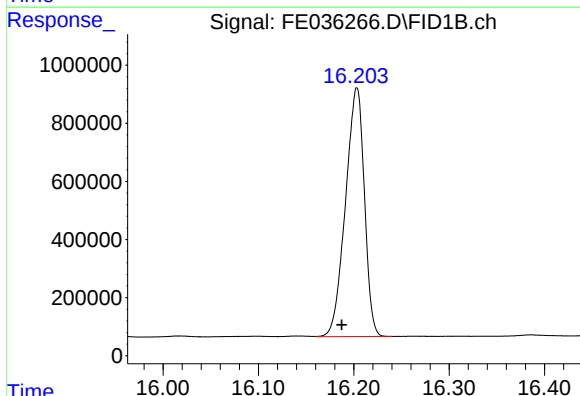
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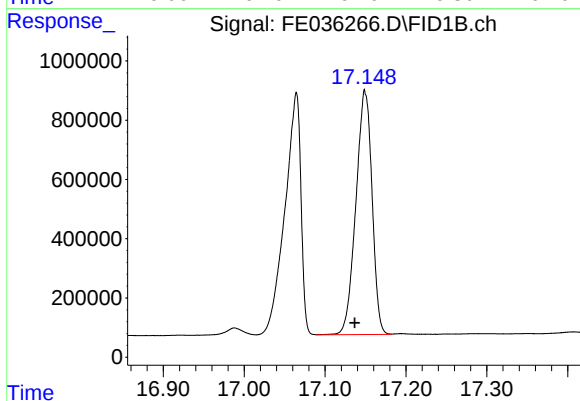
#14 n-Tetracosane (C24)

R.T.: 15.169 min
Delta R.T.: 0.002 min
Response: 24327204
Conc: 142.04 ug/ml



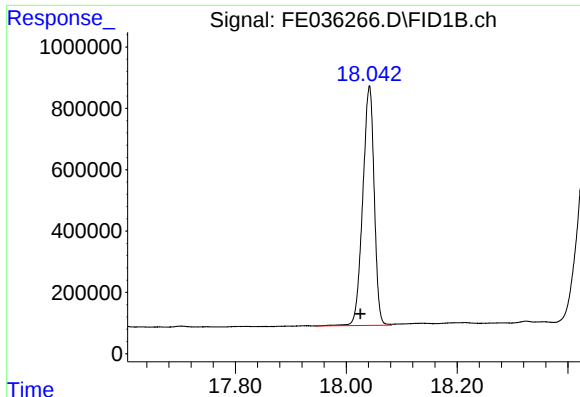
#15 n-Hexacosane (C26)

R.T.: 16.203 min
Delta R.T.: 0.016 min
Response: 11805694
Conc: 71.45 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.149 min
Delta R.T.: 0.013 min
Response: 11435299
Conc: 71.44 ug/ml



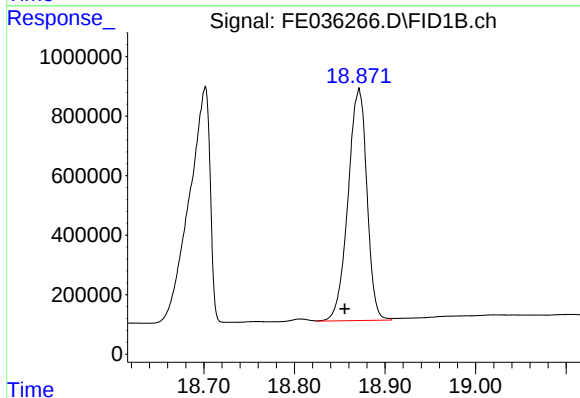
#17 n-Tricontane (C30)

R.T.: 18.042 min
Delta R.T.: 0.016 min
Response: 11194047
Conc: 72.30 ug/ml

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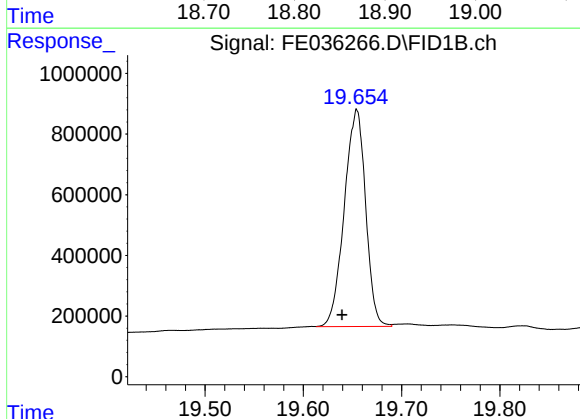
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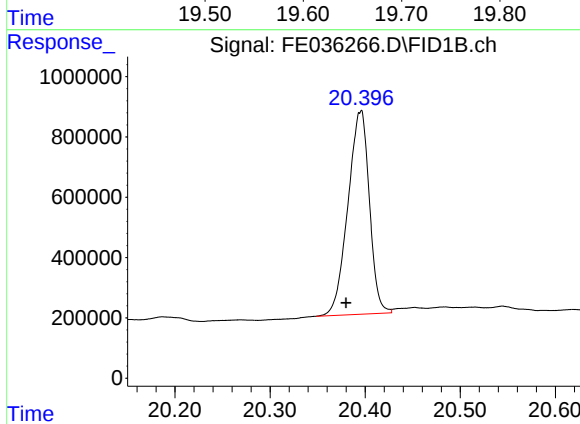
#18 n-Dotriacontane (C32)

R.T.: 18.871 min
Delta R.T.: 0.016 min
Response: 11296832
Conc: 77.30 ug/ml



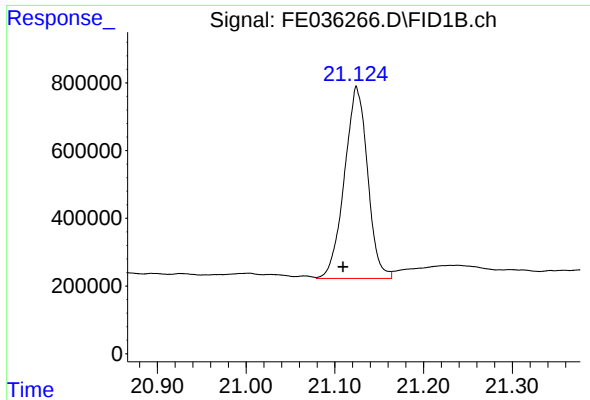
#19 n-Tetratriacontane (C34)

R.T.: 19.654 min
Delta R.T.: 0.014 min
Response: 10805790
Conc: 78.09 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.396 min
Delta R.T.: 0.016 min
Response: 10590797
Conc: 78.89 ug/ml m



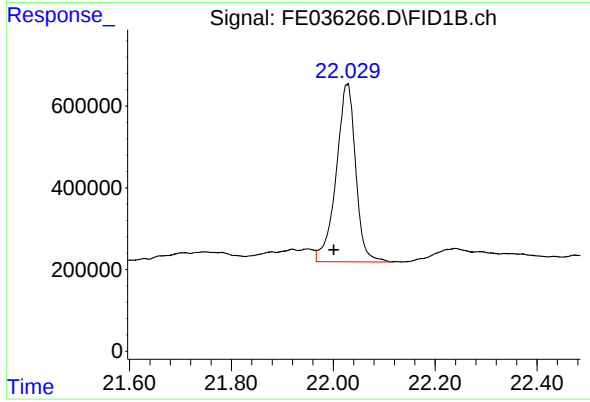
#21 n-Octatriacontane (C38)

R.T.: 21.124 min
Delta R.T.: 0.015 min
Response: 10271075
Conc: 77.23 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.028 min
Delta R.T.: 0.027 min
Response: 11538817
Conc: 82.52 ug/ml