

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072022AL\
 Data File : FE036604.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jul 2022 17:58
 Operator : YP\AJ
 Sample : N3756-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2022
 Supervised By :Ankita Jodhani 07/21/2022

Integration File: autoint1.e
 Quant Time: Jul 21 01:14:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 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)	11.855	6715011	36.054 ug/ml
Spiked Amount 50.000		Recovery =	72.11%
12) S 1-chlorooctadecane (S...	13.295	5569876	36.609 ug/ml
Spiked Amount 50.000		Recovery =	73.22%
Target Compounds			
1) T n-Nonane (C9)	3.240	4137787	26.841 ug/ml
2) T n-Decane (C10)	4.496	4623627	29.995 ug/ml
3) T A~Naphthalene (C11.7)	6.197	6009905	35.169 ug/ml
4) T n-Dodecane (C12)	6.664	5322279	33.888 ug/ml
5) T A~2-methylnaphthalene...	7.293	6029925	35.084 ug/ml
6) T n-Tetradecane (C14)	8.493	5711811	34.987 ug/ml
7) T n-Hexadecane (C16)	10.099	5917304	35.900 ug/ml
8) T n-Octadecane (C18)	11.542	6026288	35.459 ug/ml
10) T n-Eicosane (C20)	12.851	6020383	35.393 ug/ml
11) T n-Heneicosane (C21)	13.463	5931408	34.656 ug/ml
13) T n-Docosane (C22)	14.049	6056590	35.474 ug/ml
14) T n-Tetracosane (C24)	15.152	4328138	25.390 ug/mlm
15) T n-Hexacosane (C26)	16.176	5438140	32.527 ug/ml
16) T n-Octacosane (C28)	17.125	6196441	37.939 ug/ml
17) T n-Tricontane (C30)	18.015	5414099	35.628 ug/ml
18) T n-Dotriacontane (C32)	18.844	4753588	39.524 ug/mlm
19) T n-Tetratriacontane (C34)	19.630	4964420	59.614 ug/mlm
20) T n-Hexatriacontane (C36)	20.370	4574471	77.907 ug/mlm
21) T n-Octatriacontane (C38)	21.098	4368520	87.131 ug/mlm
22) T n-Tetracontane (C40)	21.982	5036482	97.527 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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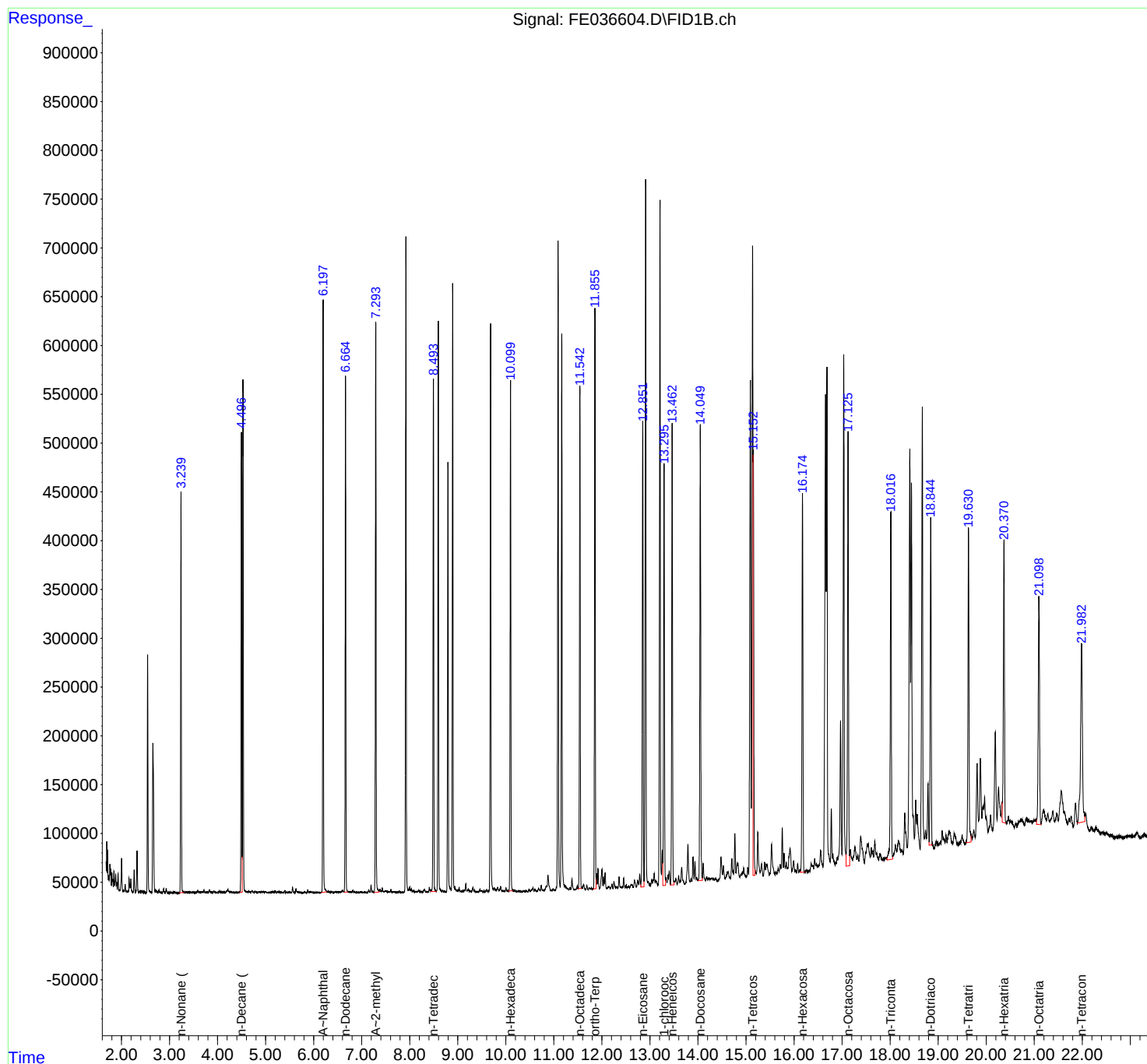
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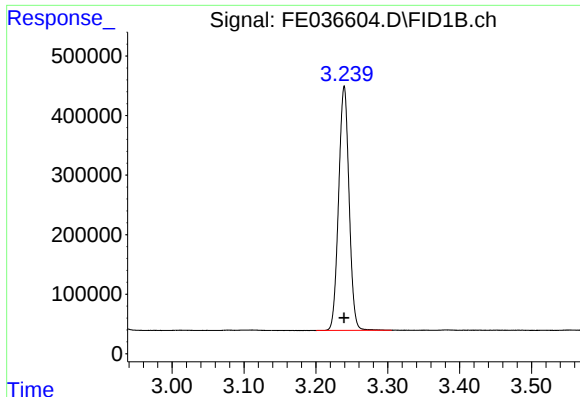
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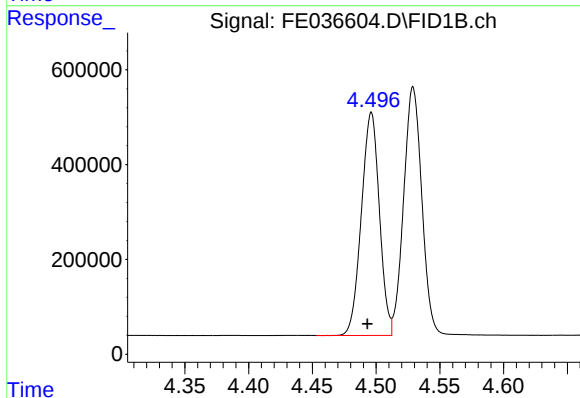
#1 n-Nonane (C9)

R.T.: 3.240 min
Delta R.T.: 0.000 min
Response: 4137787
Conc: 26.84 ug/ml

Instrument :
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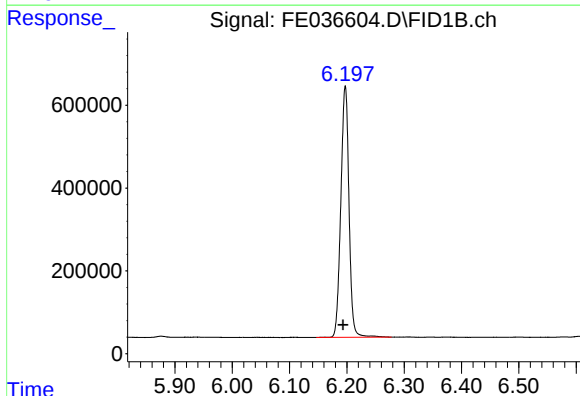
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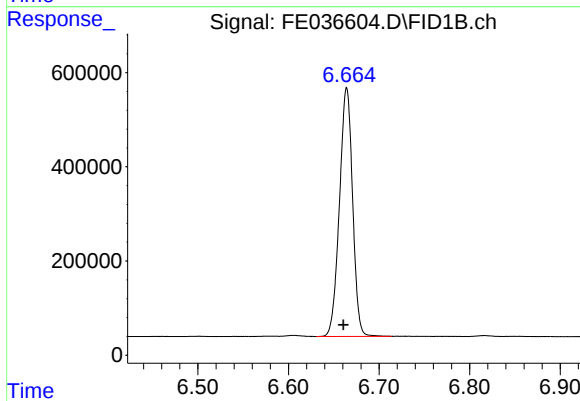
#2 n-Decane (C10)

R.T.: 4.496 min
Delta R.T.: 0.003 min
Response: 4623627
Conc: 29.99 ug/ml



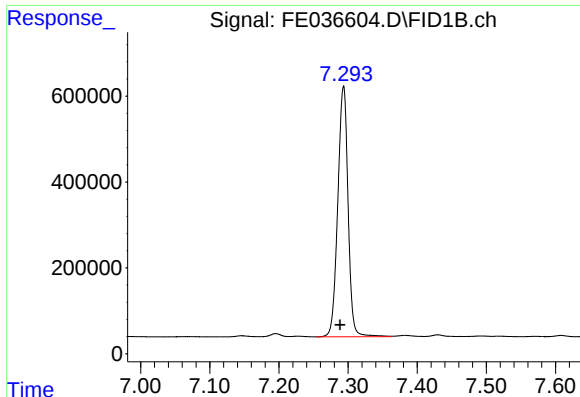
#3 A~Naphthalene (C11.7)

R.T.: 6.197 min
Delta R.T.: 0.004 min
Response: 6009905
Conc: 35.17 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.664 min
Delta R.T.: 0.004 min
Response: 5322279
Conc: 33.89 ug/ml



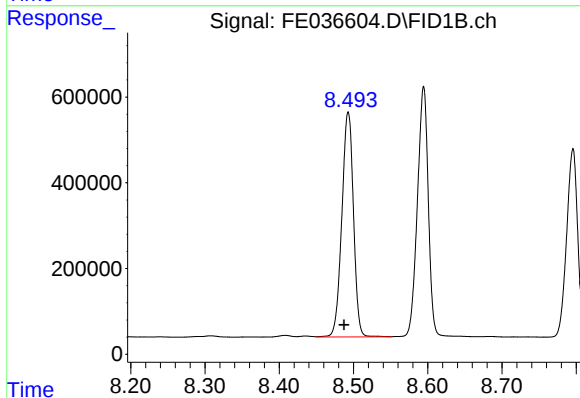
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.293 min
Delta R.T.: 0.005 min
Response: 6029925
Conc: 35.08 ug/ml

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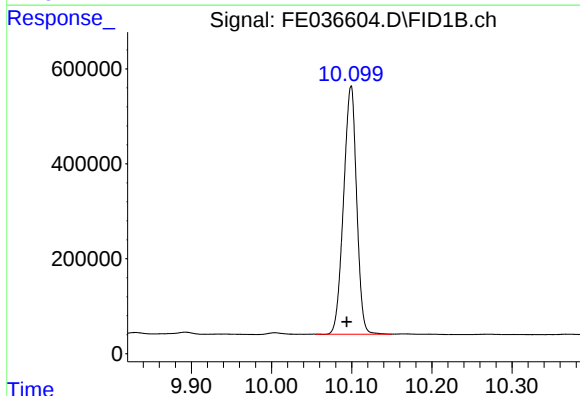
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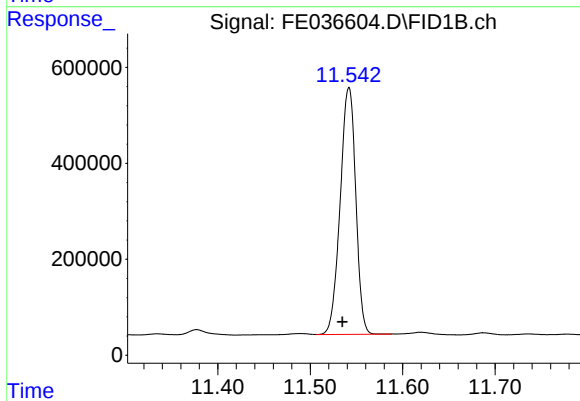
#6 n-Tetradecane (C14)

R.T.: 8.493 min
Delta R.T.: 0.006 min
Response: 5711811
Conc: 34.99 ug/ml



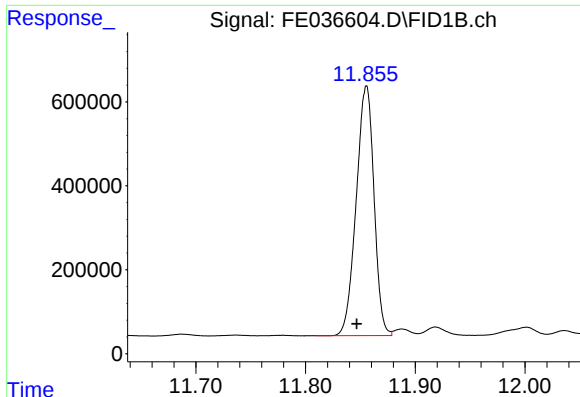
#7 n-Hexadecane (C16)

R.T.: 10.099 min
Delta R.T.: 0.005 min
Response: 5917304
Conc: 35.90 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.542 min
Delta R.T.: 0.007 min
Response: 6026288
Conc: 35.46 ug/ml



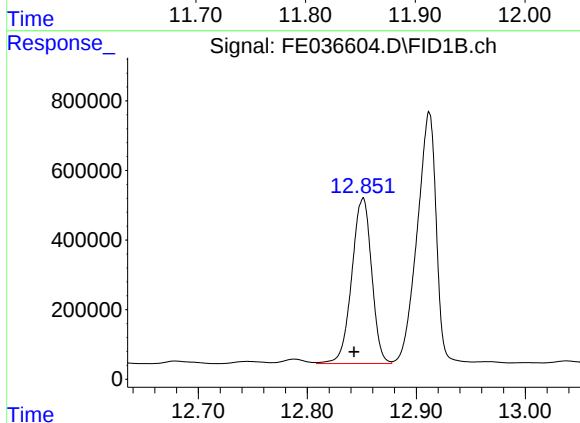
#9 ortho-Terphenyl (SURR)

R.T.: 11.855 min
Delta R.T.: 0.009 min
Response: 6715011
Conc: 36.05 ug/ml

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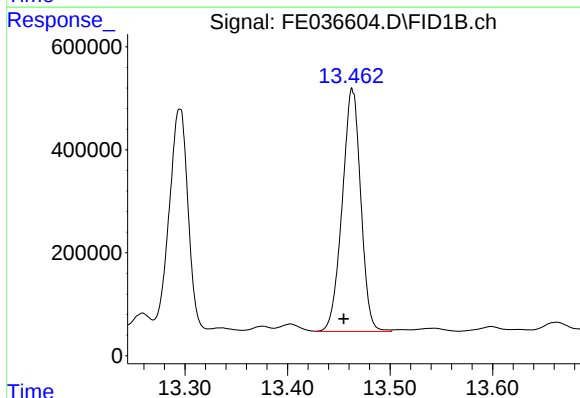
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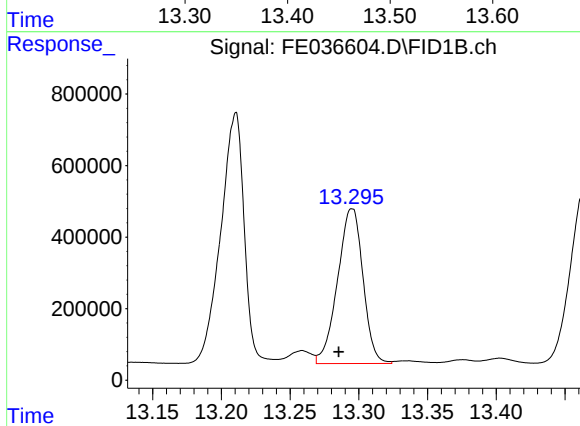
#10 n-Eicosane (C20)

R.T.: 12.851 min
Delta R.T.: 0.008 min
Response: 6020383
Conc: 35.39 ug/ml



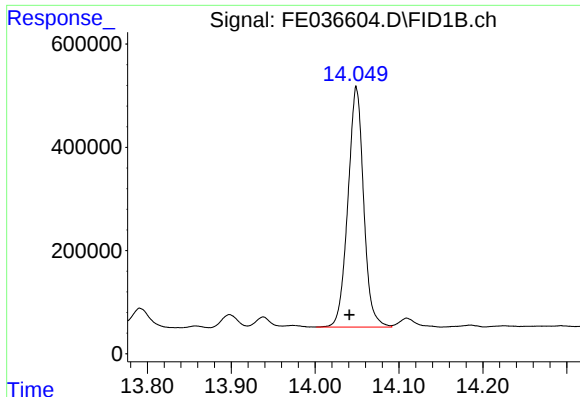
#11 n-Heneicosane (C21)

R.T.: 13.463 min
Delta R.T.: 0.008 min
Response: 5931408
Conc: 34.66 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.295 min
Delta R.T.: 0.010 min
Response: 5569876
Conc: 36.61 ug/ml



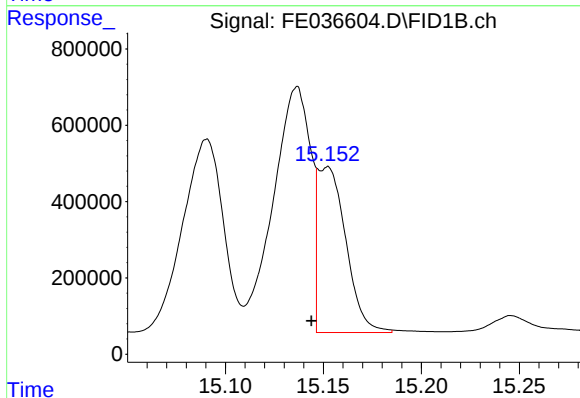
#13 n-Docosane (C22)

R.T.: 14.049 min
Delta R.T.: 0.008 min
Response: 6056590
Conc: 35.47 ug/ml

Instrument :
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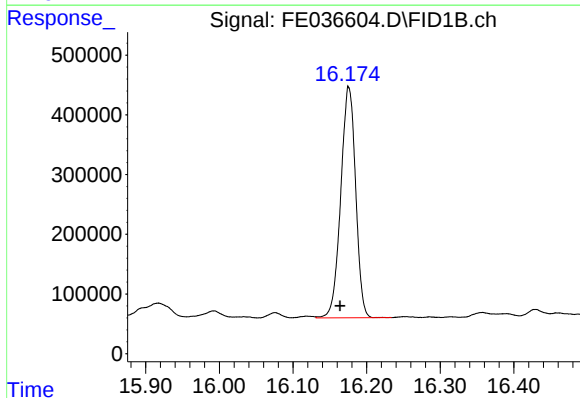
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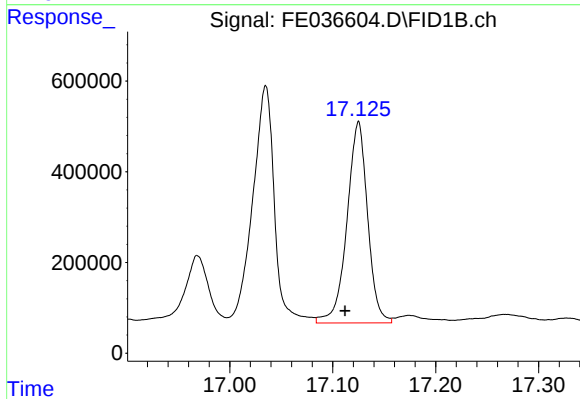
#14 n-Tetracosane (C24)

R.T.: 15.152 min
Delta R.T.: 0.008 min
Response: 4328138
Conc: 25.39 ug/ml m



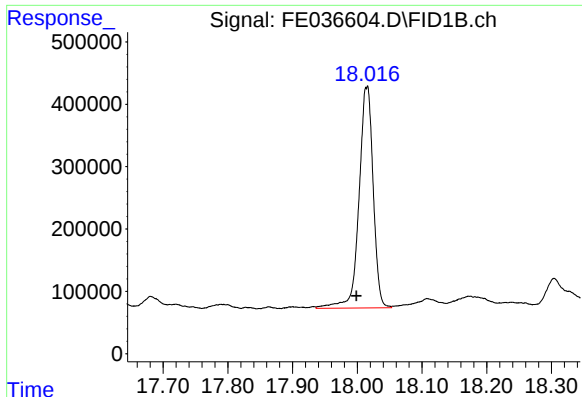
#15 n-Hexacosane (C26)

R.T.: 16.176 min
Delta R.T.: 0.012 min
Response: 5438140
Conc: 32.53 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.125 min
Delta R.T.: 0.013 min
Response: 6196441
Conc: 37.94 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.015 min
Delta R.T.: 0.016 min
Response: 5414099
Conc: 35.63 ug/ml

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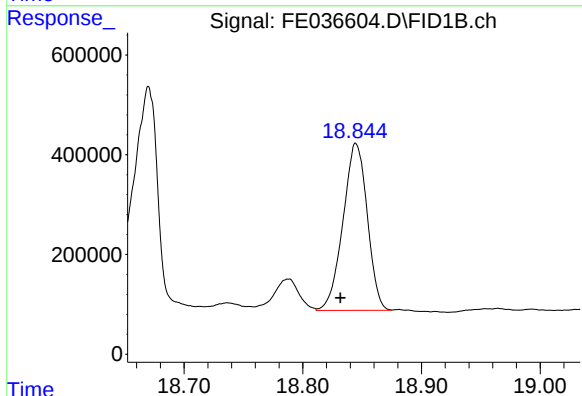
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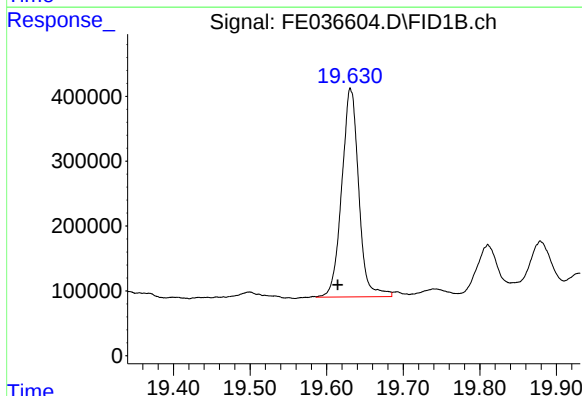
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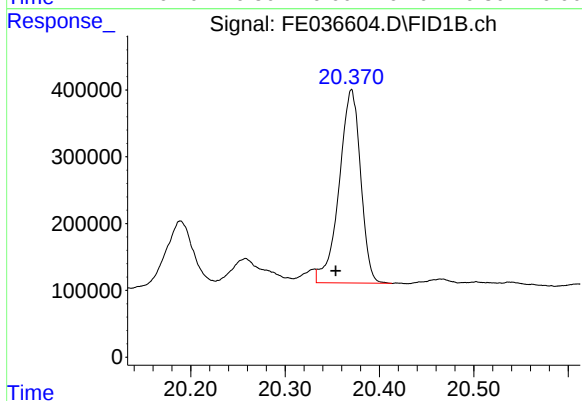
#18 n-Dotriacontane (C32)

R.T.: 18.844 min
Delta R.T.: 0.012 min
Response: 4753588
Conc: 39.52 ug/ml m



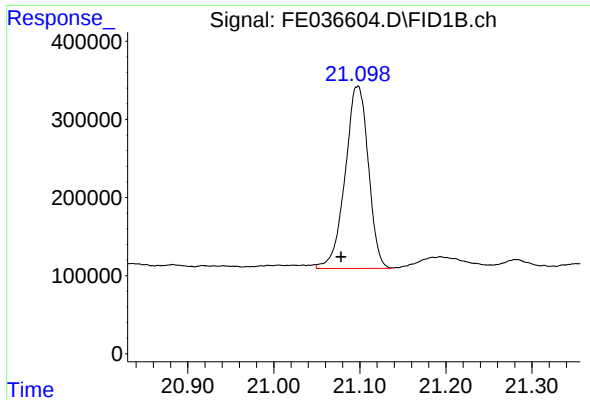
#19 n-Tetratriacontane (C34)

R.T.: 19.630 min
Delta R.T.: 0.016 min
Response: 4964420
Conc: 59.61 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.370 min
Delta R.T.: 0.017 min
Response: 4574471
Conc: 77.91 ug/ml m



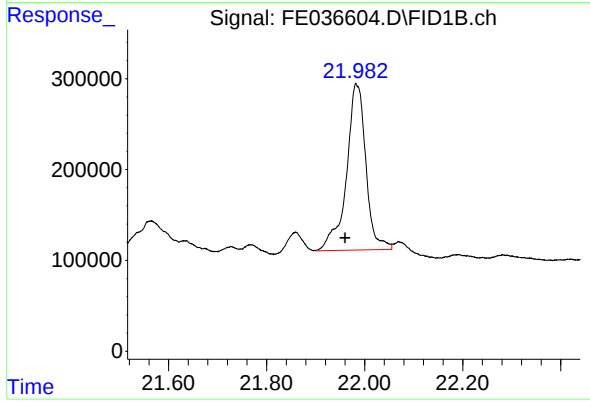
#21 n-Octatriacontane (C38)

R.T.: 21.098 min
Delta R.T.: 0.020 min
Response: 4368520
Conc: 87.13 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.982 min
Delta R.T.: 0.022 min
Response: 5036482
Conc: 97.53 ug/ml m