

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080422AL\
 Data File : FE036869.D
 Signal(s) : FID1B.ch
 Acq On : 04 Aug 2022 15:48
 Operator : YP\AJ
 Sample : PB146740BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB146740BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/05/2022
 Supervised By :Ankita Jodhani 08/05/2022

Integration File: autoint1.e
 Quant Time: Aug 05 04:13:35 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)	11.835	7632845	40.982 ug/ml
Spiked Amount 50.000		Recovery =	81.96%
12) S 1-chlorooctadecane (S...	13.274	6019957	39.567 ug/ml
Spiked Amount 50.000		Recovery =	79.13%
Target Compounds			
1) T n-Nonane (C9)	3.234	4918278	31.904 ug/ml
2) T n-Decane (C10)	4.483	5295171	34.351 ug/ml
3) T A~Naphthalene (C11.7)	6.180	6378684	37.327 ug/ml
4) T n-Dodecane (C12)	6.648	5973955	38.037 ug/ml
5) T A~2-methylnaphthalene...	7.276	6526380	37.973 ug/ml
6) T n-Tetradecane (C14)	8.476	6506733	39.856 ug/ml
7) T n-Hexadecane (C16)	10.080	6750707	40.957 ug/ml
8) T n-Octadecane (C18)	11.523	6988053	41.118 ug/ml
10) T n-Eicosane (C20)	12.831	6742958	39.641 ug/ml
11) T n-Heneicosane (C21)	13.442	6630518	38.740 ug/ml
13) T n-Docosane (C22)	14.029	6536383	38.284 ug/ml
14) T n-Tetracosane (C24)	15.131	5900032	34.612 ug/ml
15) T n-Hexacosane (C26)	16.153	6186070	37.001 ug/ml
16) T n-Octacosane (C28)	17.103	6022315	36.873 ug/ml
17) T n-Tricontane (C30)	17.992	5839048	38.425 ug/ml
18) T n-Dotriacontane (C32)	18.823	5717905	47.542 ug/ml
19) T n-Tetratriacontane (C34)	19.609	5675900	68.157 ug/ml
20) T n-Hexatriacontane (C36)	20.349	5636561	95.995 ug/ml
21) T n-Octatriacontane (C38)	21.072	5407799	107.859 ug/ml
22) T n-Tetracontane (C40)	21.953	5553433	107.537 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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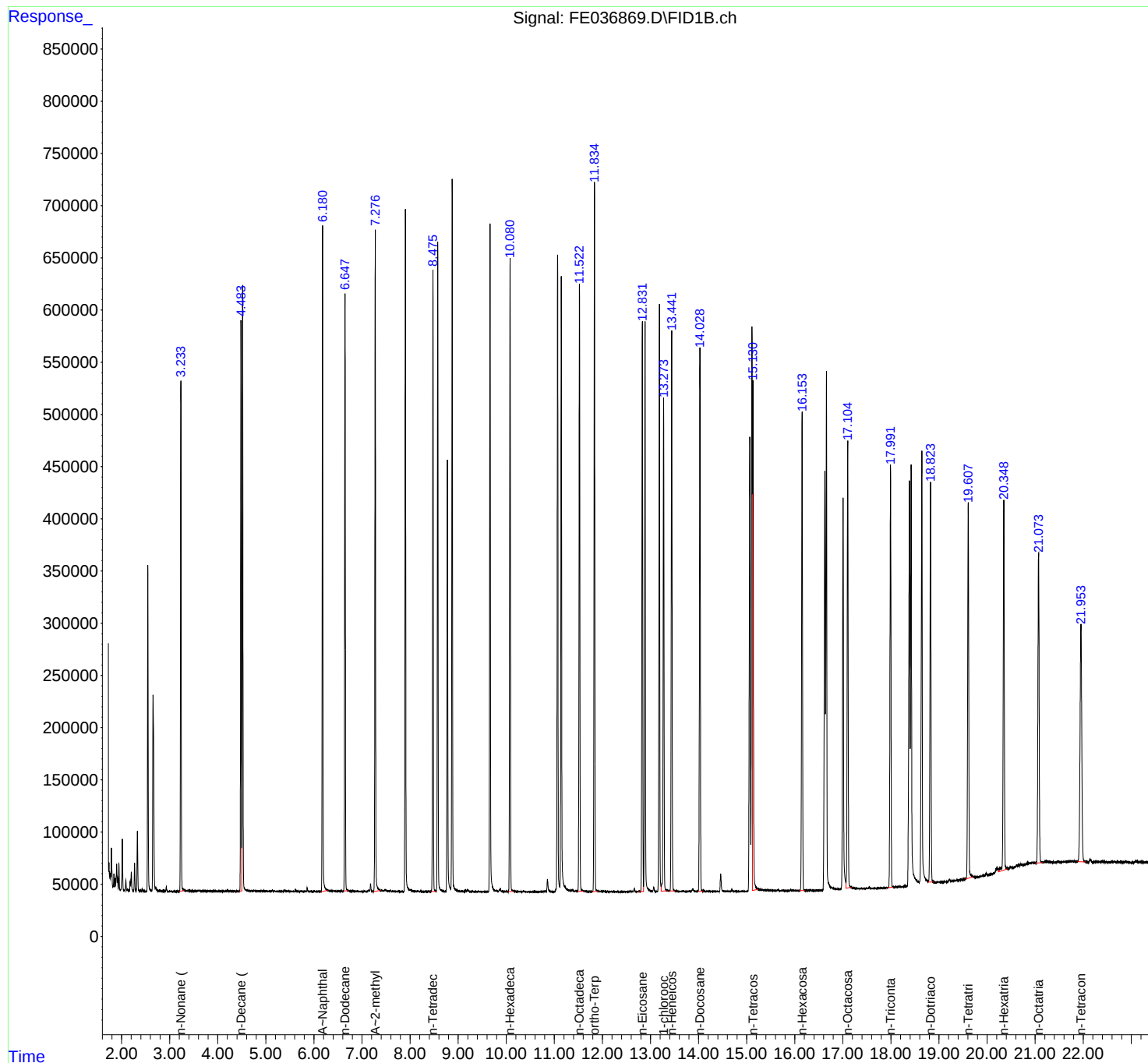
Instrument :
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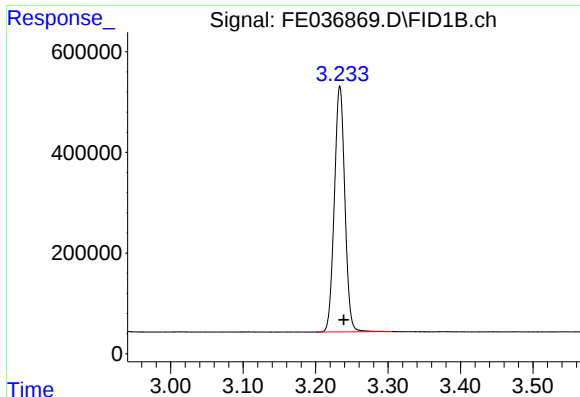
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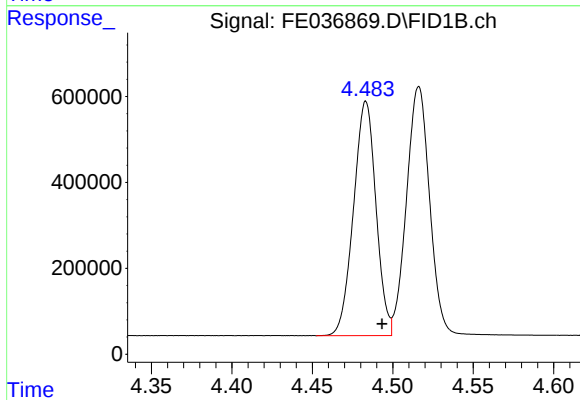
#1 n-Nonane (C9)

R.T.: 3.234 min
Delta R.T.: -0.005 min
Response: 4918278
Conc: 31.90 ug/ml

Instrument :
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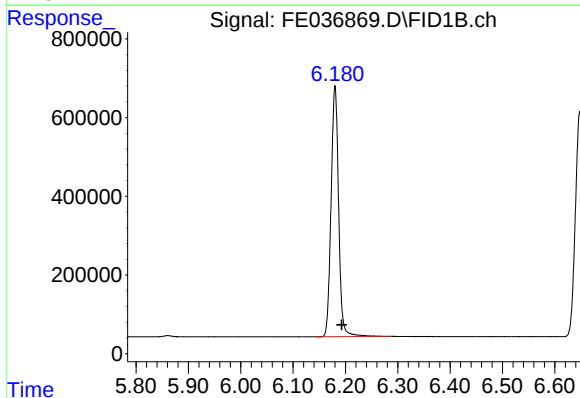
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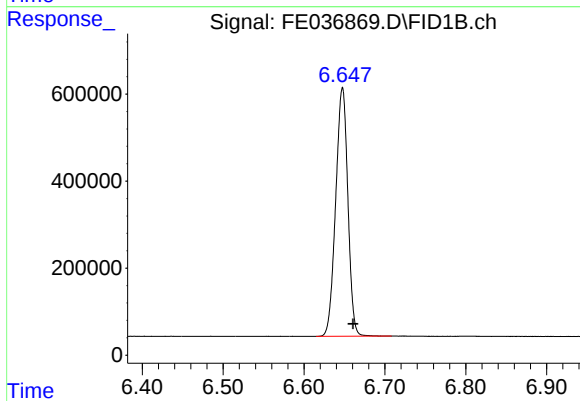
#2 n-Decane (C10)

R.T.: 4.483 min
Delta R.T.: -0.010 min
Response: 5295171
Conc: 34.35 ug/ml



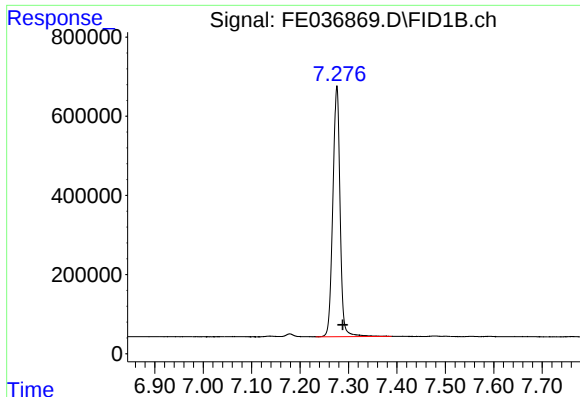
#3 A~Naphthalene (C11.7)

R.T.: 6.180 min
Delta R.T.: -0.013 min
Response: 6378684
Conc: 37.33 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.648 min
Delta R.T.: -0.013 min
Response: 5973955
Conc: 38.04 ug/ml



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

R.T.: 7.276 min
Delta R.T.: -0.012 min
Response: 6526380
Conc: 37.97 ug/ml

Instrument :

FID_E

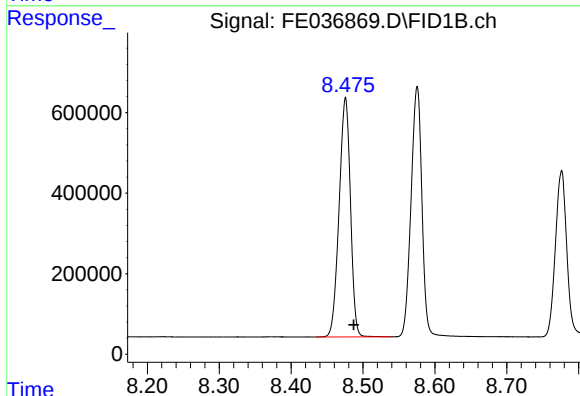
ClientSampleId :

PB146740BSD

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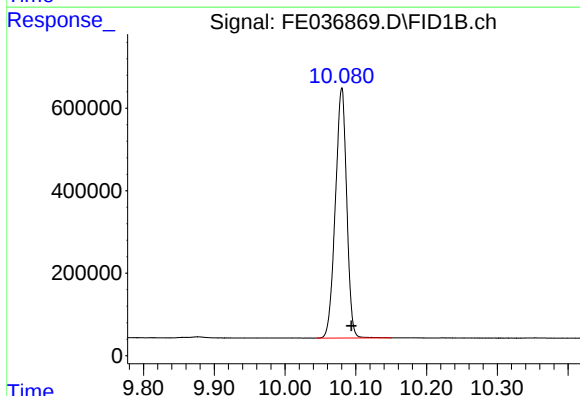
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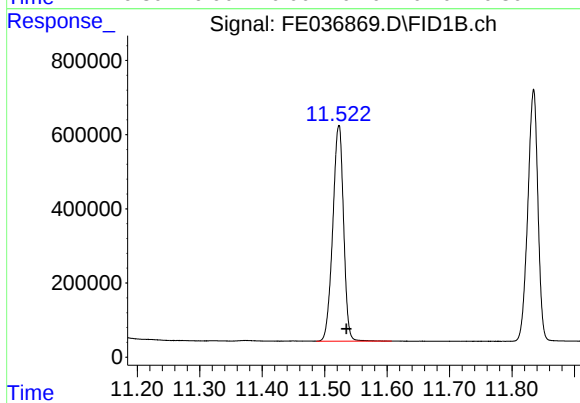
#6 n-Tetradecane (C14)

R.T.: 8.476 min
Delta R.T.: -0.012 min
Response: 6506733
Conc: 39.86 ug/ml



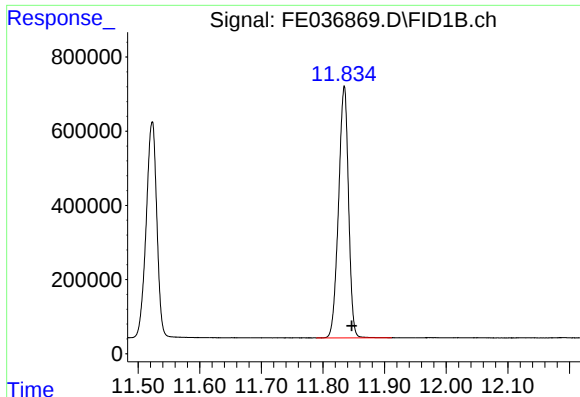
#7 n-Hexadecane (C16)

R.T.: 10.080 min
Delta R.T.: -0.014 min
Response: 6750707
Conc: 40.96 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.523 min
Delta R.T.: -0.012 min
Response: 6988053
Conc: 41.12 ug/ml



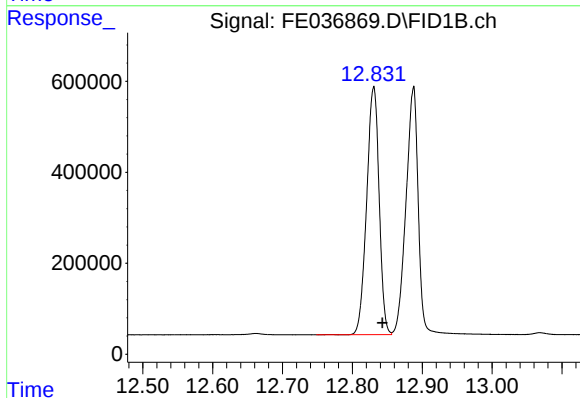
#9 ortho-Terphenyl (SURR)

R.T.: 11.835 min
Delta R.T.: -0.012 min
Response: 7632845
Conc: 40.98 ug/ml

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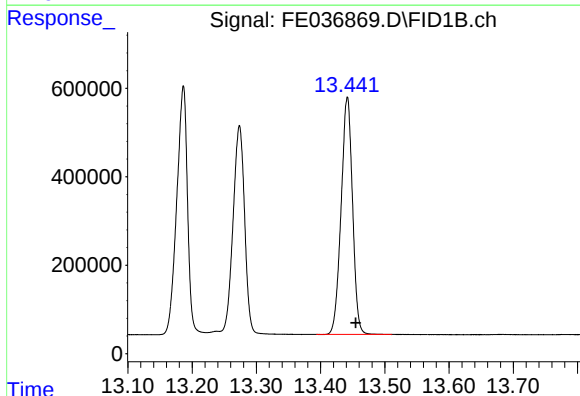
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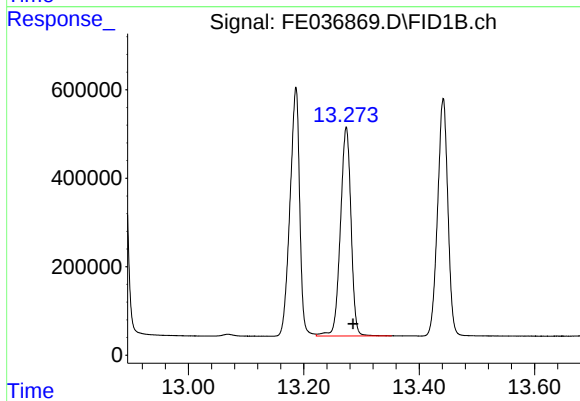
#10 n-Eicosane (C20)

R.T.: 12.831 min
Delta R.T.: -0.012 min
Response: 6742958
Conc: 39.64 ug/ml



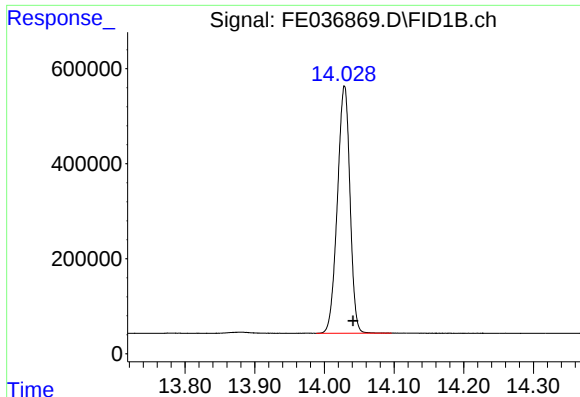
#11 n-Heneicosane (C21)

R.T.: 13.442 min
Delta R.T.: -0.013 min
Response: 6630518
Conc: 38.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.274 min
Delta R.T.: -0.012 min
Response: 6019957
Conc: 39.57 ug/ml



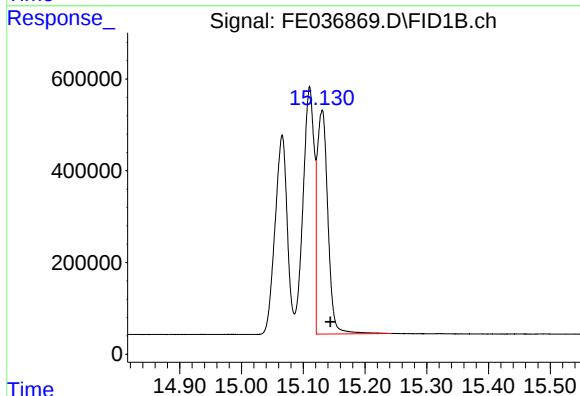
#13 n-Docosane (C22)

R.T.: 14.029 min
Delta R.T.: -0.012 min
Response: 6536383
Conc: 38.28 ug/ml

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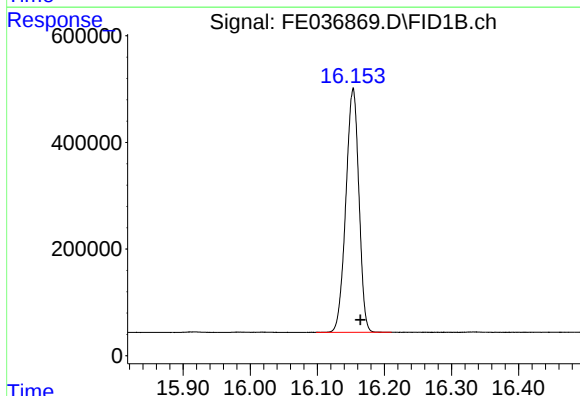
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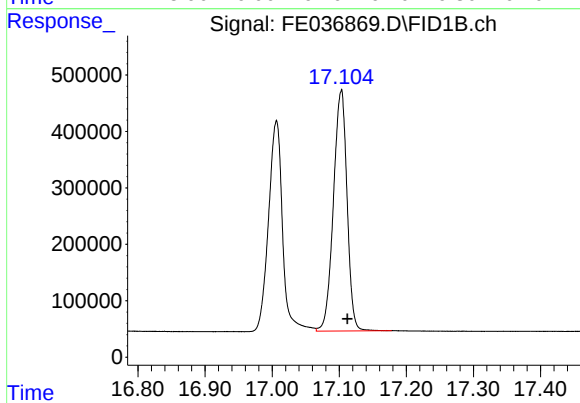
#14 n-Tetracosane (C24)

R.T.: 15.131 min
Delta R.T.: -0.013 min
Response: 5900032
Conc: 34.61 ug/ml



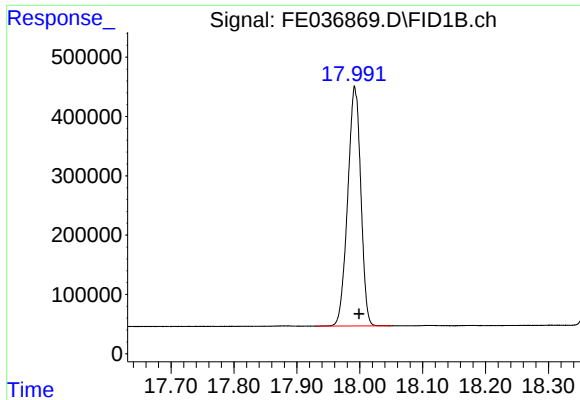
#15 n-Hexacosane (C26)

R.T.: 16.153 min
Delta R.T.: -0.011 min
Response: 6186070
Conc: 37.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.103 min
Delta R.T.: -0.009 min
Response: 6022315
Conc: 36.87 ug/ml



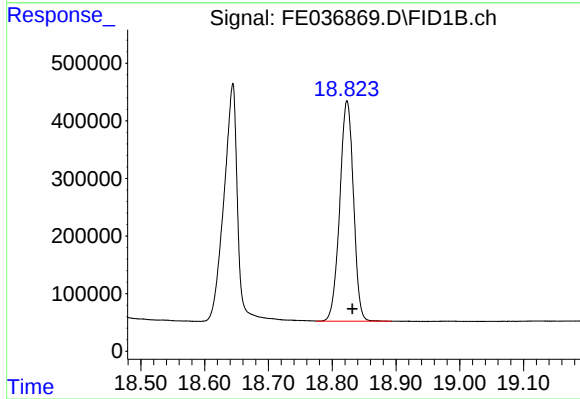
#17 n-Tricontane (C30)

R.T.: 17.992 min
Delta R.T.: -0.007 min
Response: 5839048
Conc: 38.42 ug/ml

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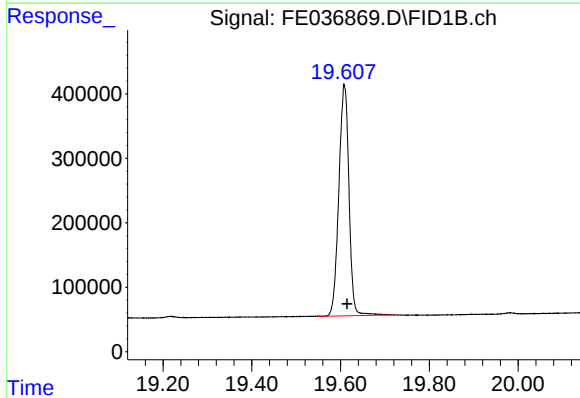
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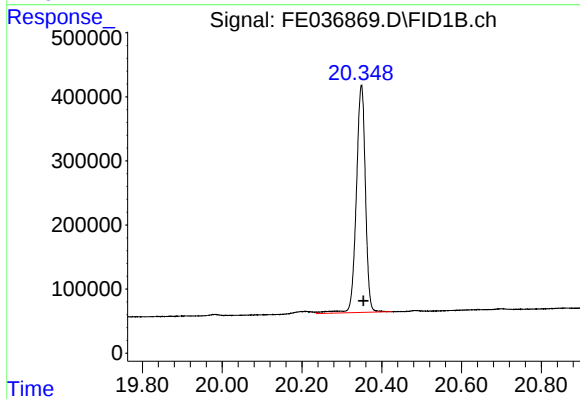
#18 n-Dotriacontane (C32)

R.T.: 18.823 min
Delta R.T.: -0.008 min
Response: 5717905
Conc: 47.54 ug/ml



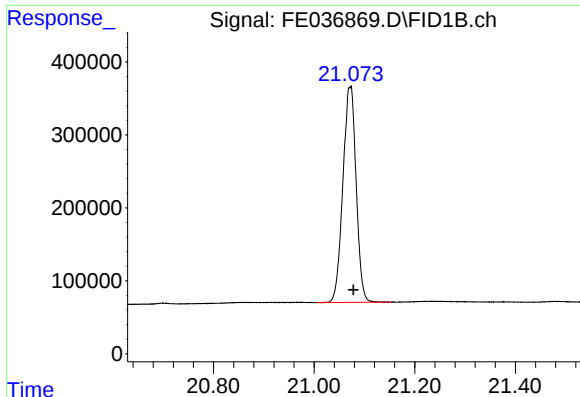
#19 n-Tetratriacontane (C34)

R.T.: 19.609 min
Delta R.T.: -0.006 min
Response: 5675900
Conc: 68.16 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.349 min
Delta R.T.: -0.005 min
Response: 5636561
Conc: 96.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.072 min
Delta R.T.: -0.006 min
Response: 5407799
Conc: 107.86 ug/ml

Instrument :

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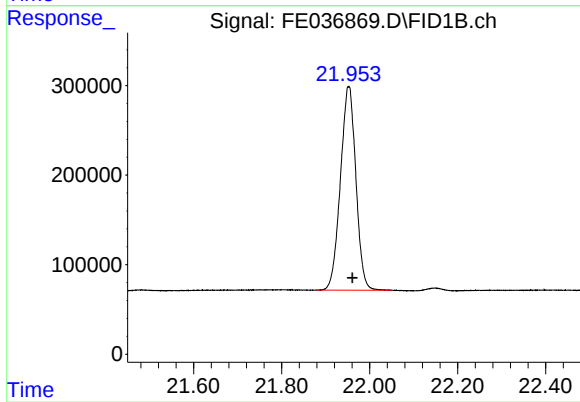
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#22 n-Tetracontane (C40)

R.T.: 21.953 min
Delta R.T.: -0.008 min
Response: 5553433
Conc: 107.54 ug/ml m