

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080122AL\
 Data File : FE036776.D
 Signal(s) : FID1B.ch
 Acq On : 01 Aug 2022 10:59
 Operator : YP\AJ
 Sample : PB146606BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB146606BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/02/2022
 Supervised By :Ankita Jodhani 08/02/2022

Integration File: autoint1.e
 Quant Time: Aug 02 04:28:20 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)	11.838	7499720	40.267 ug/ml
Spiked Amount 50.000		Recovery =	80.53%
12) S 1-chlorooctadecane (S...	13.277	5898586	38.769 ug/ml
Spiked Amount 50.000		Recovery =	77.54%
Target Compounds			
1) T n-Nonane (C9)	3.240	5449844	35.353 ug/ml
2) T n-Decane (C10)	4.488	5643516	36.611 ug/ml
3) T A~Naphthalene (C11.7)	6.184	6845842	40.061 ug/ml
4) T n-Dodecane (C12)	6.651	6048875	38.514 ug/ml
5) T A~2-methylnaphthalene...	7.279	6829203	39.735 ug/ml
6) T n-Tetradecane (C14)	8.480	6461718	39.580 ug/ml
7) T n-Hexadecane (C16)	10.083	6922461	41.999 ug/ml
8) T n-Octadecane (C18)	11.526	7453898	43.859 ug/ml
10) T n-Eicosane (C20)	12.835	7308528	42.966 ug/ml
11) T n-Heneicosane (C21)	13.445	7222809	42.201 ug/ml
13) T n-Docosane (C22)	14.032	7161951	41.948 ug/ml
14) T n-Tetracosane (C24)	15.135	6606077	38.754 ug/ml
15) T n-Hexacosane (C26)	16.157	6847381	40.956 ug/ml
16) T n-Octacosane (C28)	17.106	6752369	41.343 ug/ml
17) T n-Tricontane (C30)	17.995	6405015	42.149 ug/ml
18) T n-Dotriacontane (C32)	18.828	6149089	51.128 ug/ml
19) T n-Tetratriacontane (C34)	19.613	5648460	67.828 ug/ml
20) T n-Hexatriacontane (C36)	20.349	5104776	86.939 ug/ml
21) T n-Octatriacontane (C38)	21.075	4824347	96.222 ug/ml
22) T n-Tetracontane (C40)	21.955	4713700	91.276 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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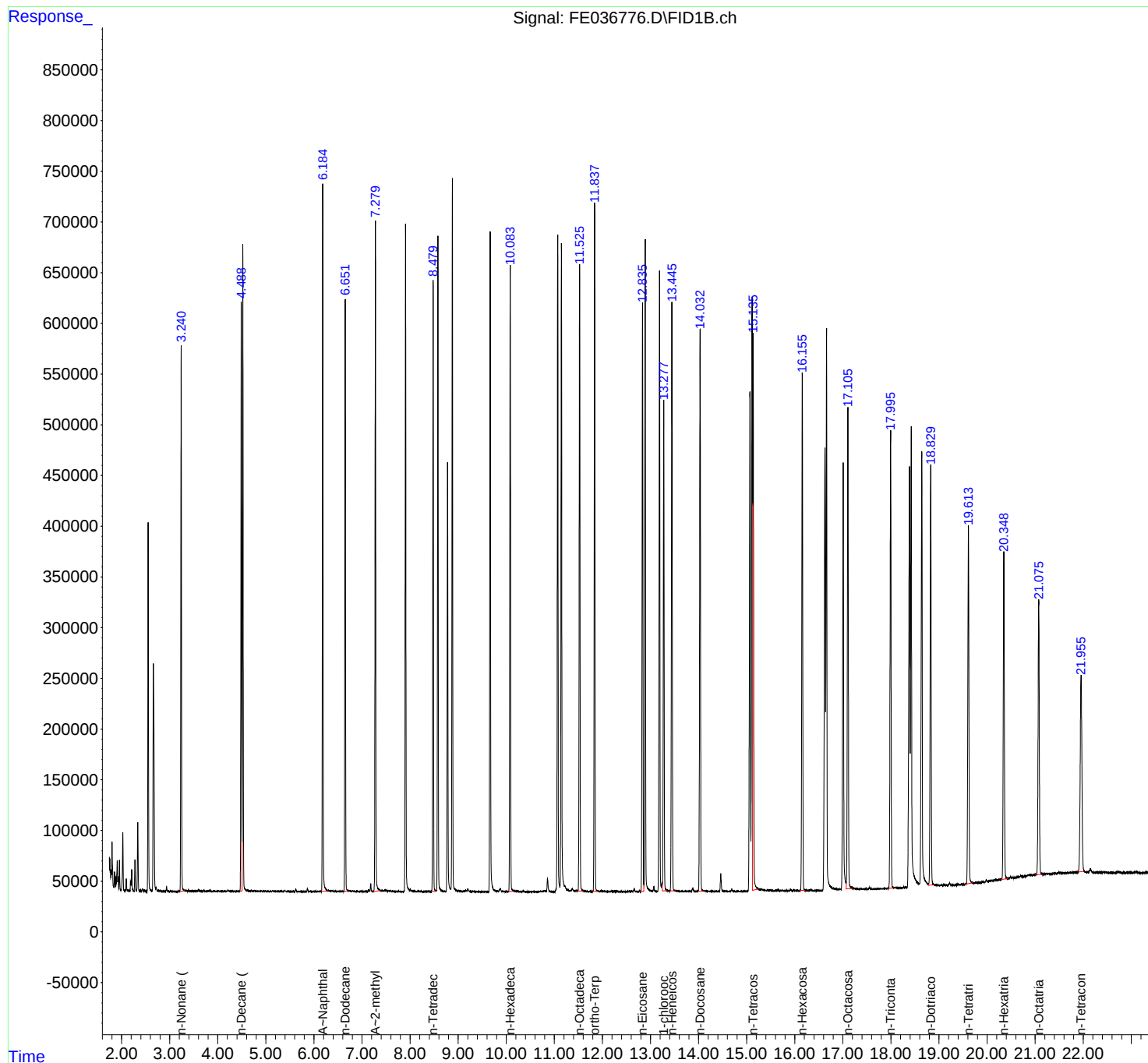
Response via : Initial Calibration

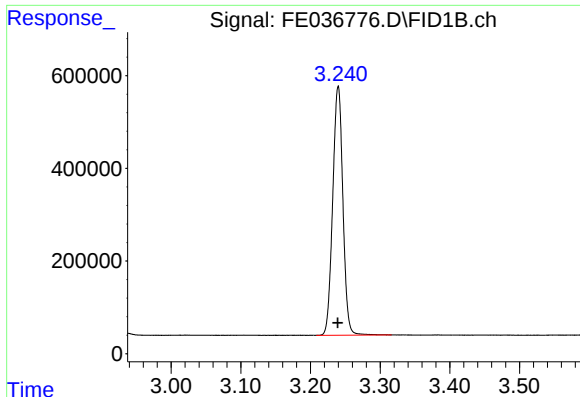
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





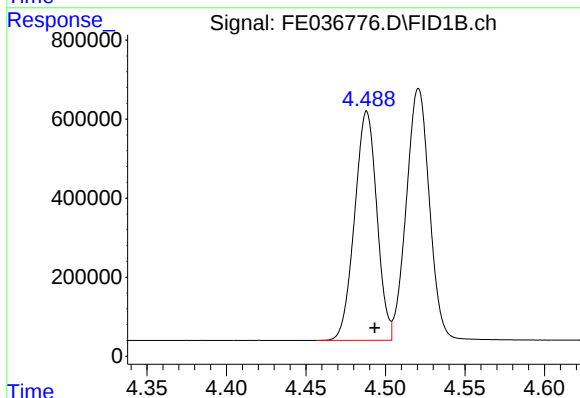
#1 n-Nonane (C9)

R.T.: 3.240 min
Delta R.T.: 0.000 min
Response: 5449844
Conc: 35.35 ug/ml

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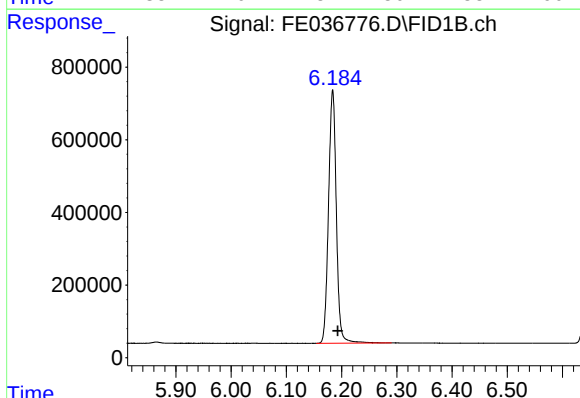
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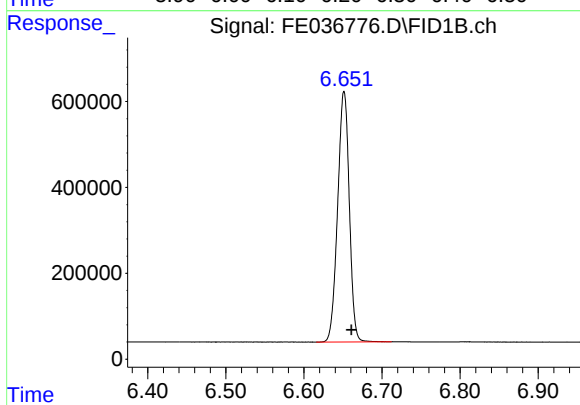
#2 n-Decane (C10)

R.T.: 4.488 min
Delta R.T.: -0.005 min
Response: 5643516
Conc: 36.61 ug/ml



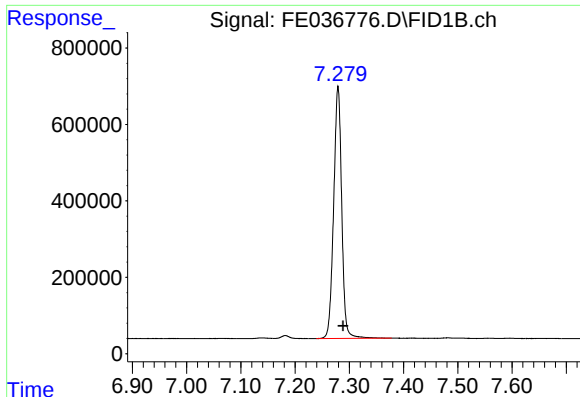
#3 A~Naphthalene (C11.7)

R.T.: 6.184 min
Delta R.T.: -0.009 min
Response: 6845842
Conc: 40.06 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.651 min
Delta R.T.: -0.009 min
Response: 6048875
Conc: 38.51 ug/ml



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

R.T.: 7.279 min
Delta R.T.: -0.009 min
Response: 6829203
Conc: 39.73 ug/ml

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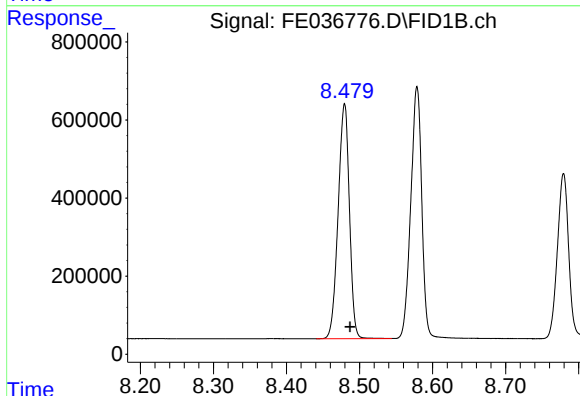
ClientSampleId :

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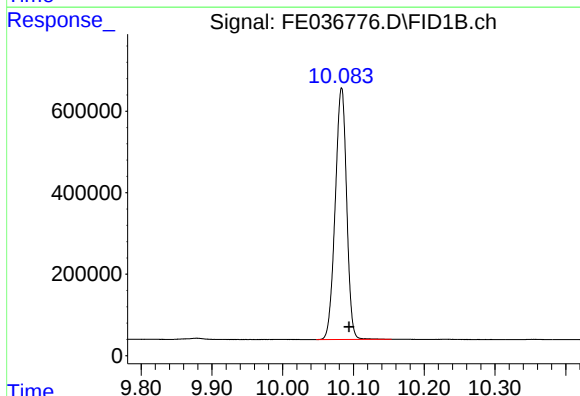
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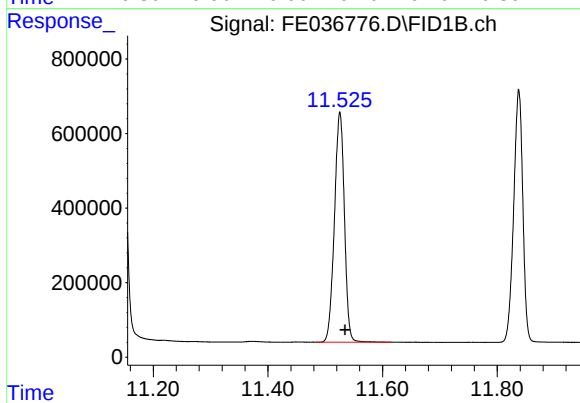
#6 n-Tetradecane (C14)

R.T.: 8.480 min
Delta R.T.: -0.008 min
Response: 6461718
Conc: 39.58 ug/ml



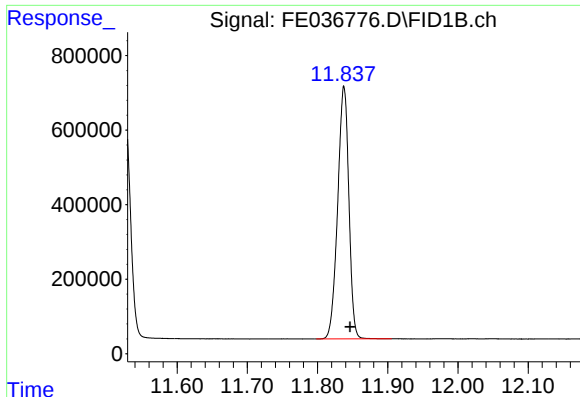
#7 n-Hexadecane (C16)

R.T.: 10.083 min
Delta R.T.: -0.010 min
Response: 6922461
Conc: 42.00 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.526 min
Delta R.T.: -0.009 min
Response: 7453898
Conc: 43.86 ug/ml



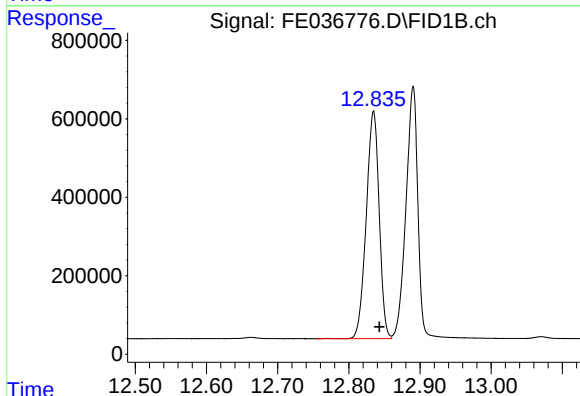
#9 ortho-Terphenyl (SURR)

R.T.: 11.838 min
Delta R.T.: -0.009 min
Response: 7499720
Conc: 40.27 ug/ml

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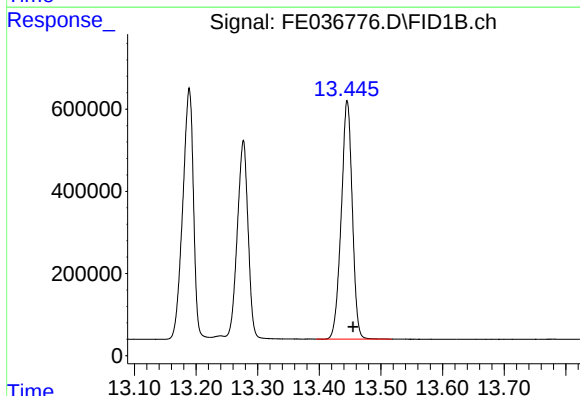
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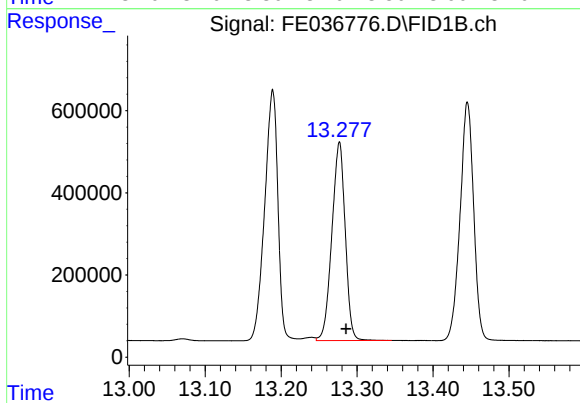
#10 n-Eicosane (C20)

R.T.: 12.835 min
Delta R.T.: -0.008 min
Response: 7308528
Conc: 42.97 ug/ml



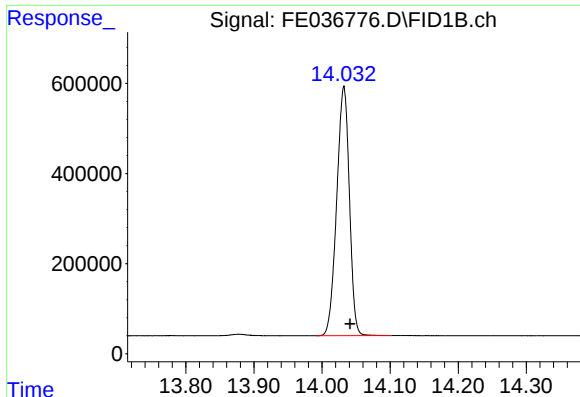
#11 n-Heneicosane (C21)

R.T.: 13.445 min
Delta R.T.: -0.010 min
Response: 7222809
Conc: 42.20 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.277 min
Delta R.T.: -0.009 min
Response: 5898586
Conc: 38.77 ug/ml



#13 n-Docosane (C22)

R.T.: 14.032 min
Delta R.T.: -0.009 min
Response: 7161951
Conc: 41.95 ug/ml

Instrument :

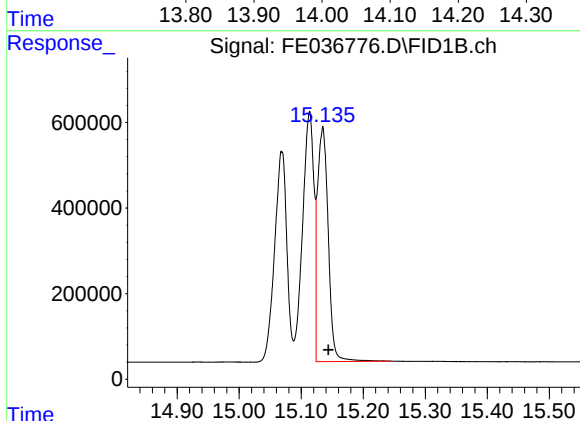
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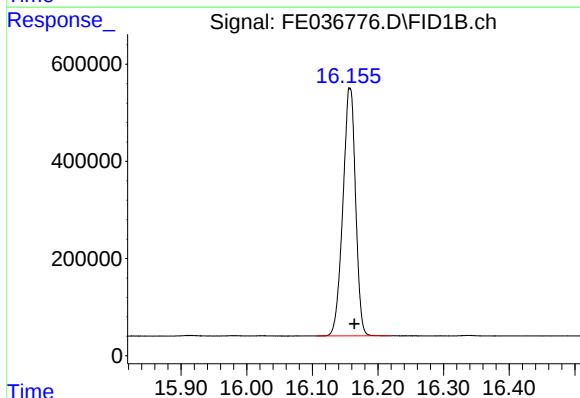
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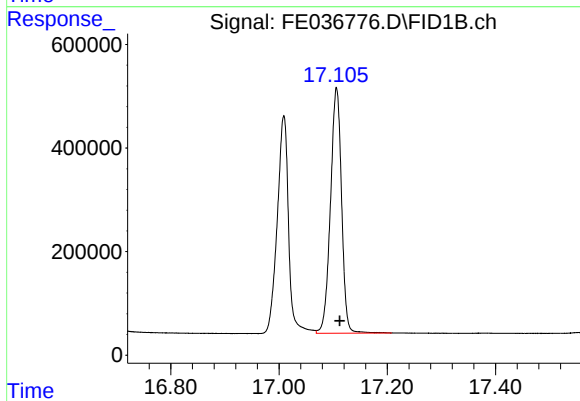
#14 n-Tetracosane (C24)

R.T.: 15.135 min
Delta R.T.: -0.009 min
Response: 6606077
Conc: 38.75 ug/ml



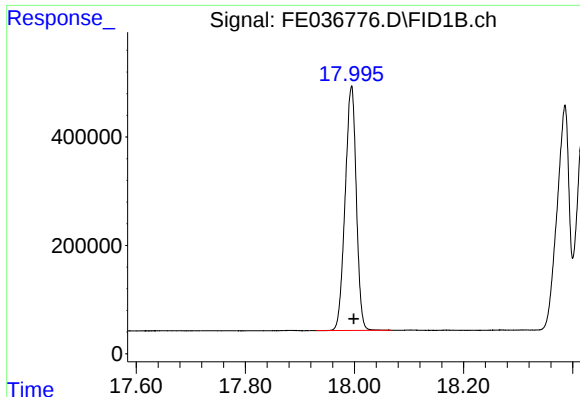
#15 n-Hexacosane (C26)

R.T.: 16.157 min
Delta R.T.: -0.007 min
Response: 6847381
Conc: 40.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.106 min
Delta R.T.: -0.006 min
Response: 6752369
Conc: 41.34 ug/ml



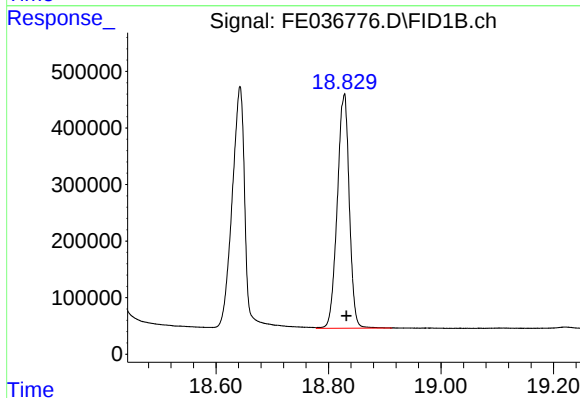
#17 n-Tricontane (C30)

R.T.: 17.995 min
Delta R.T.: -0.004 min
Response: 6405015
Conc: 42.15 ug/ml

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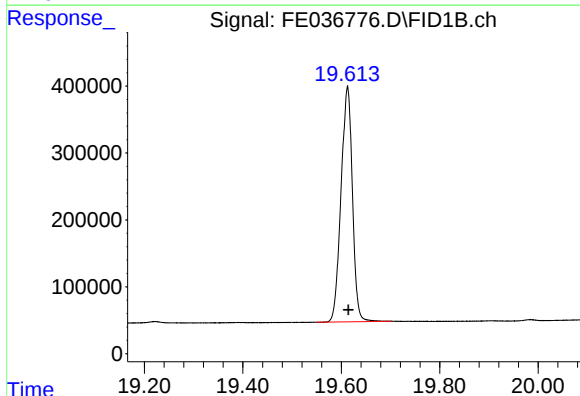
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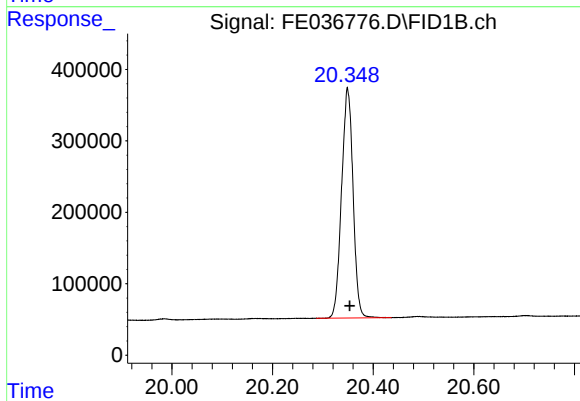
#18 n-Dotriacontane (C32)

R.T.: 18.828 min
Delta R.T.: -0.004 min
Response: 6149089
Conc: 51.13 ug/ml



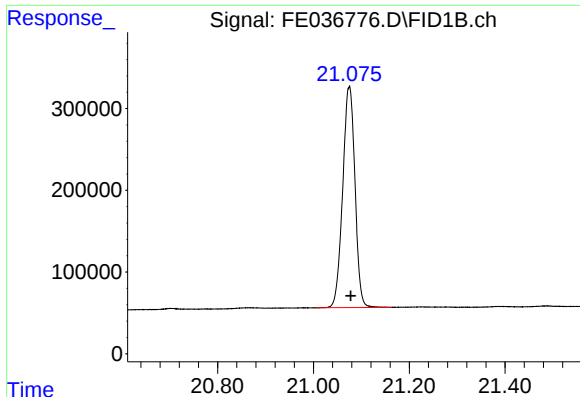
#19 n-Tetratriacontane (C34)

R.T.: 19.613 min
Delta R.T.: -0.002 min
Response: 5648460
Conc: 67.83 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.349 min
Delta R.T.: -0.005 min
Response: 5104776
Conc: 86.94 ug/ml



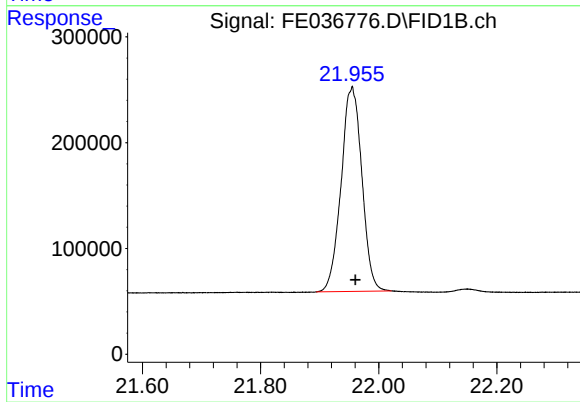
#21 n-Octatriacontane (C38)

R.T.: 21.075 min
Delta R.T.: -0.003 min
Response: 4824347
Conc: 96.22 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.955 min
Delta R.T.: -0.005 min
Response: 4713700
Conc: 91.28 ug/ml m