

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080122AL\
 Data File : FE036805.D
 Signal(s) : FID1B.ch
 Acq On : 02 Aug 2022 02:54
 Operator : YP\AJ
 Sample : N3976-01MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP1-0729MS

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 04:34:18 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	6201189	33.295 ug/ml
Spiked Amount 50.000		Recovery =	66.59%
12) S 1-chlorooctadecane (S...	13.277	4938832	32.461 ug/ml
Spiked Amount 50.000		Recovery =	64.92%
Target Compounds			
1) T n-Nonane (C9)	3.231	4944140	32.072 ug/ml
2) T n-Decane (C10)	4.485	5669532	36.780 ug/ml
3) T A~Naphthalene (C11.7)	6.184	7247380	42.411 ug/ml
4) T n-Dodecane (C12)	6.651	6604583	42.052 ug/ml
5) T A~2-methylnaphthalene...	7.280	7550495	43.932 ug/ml
6) T n-Tetradecane (C14)	8.480	7315676	44.811 ug/ml
7) T n-Hexadecane (C16)	10.086	7947830	48.219 ug/ml
8) T n-Octadecane (C18)	11.528	8487656	49.942 ug/ml
10) T n-Eicosane (C20)	12.836	8284700	48.704 ug/ml
11) T n-Heneicosane (C21)	13.447	8175785	47.769 ug/ml
13) T n-Docosane (C22)	14.034	8084183	47.349 ug/ml
14) T n-Tetracosane (C24)	15.137	6855950	40.219 ug/ml
15) T n-Hexacosane (C26)	16.160	7678112	45.925 ug/ml
16) T n-Octacosane (C28)	17.108	7573879	46.373 ug/ml
17) T n-Tricontane (C30)	17.997	7221390	47.522 ug/ml
18) T n-Dotriacontane (C32)	18.827	6877738	57.186 ug/ml
19) T n-Tetratriacontane (C34)	19.612	6411759	76.994 ug/ml
20) T n-Hexatriacontane (C36)	20.352	5760834	98.112 ug/ml
21) T n-Octatriacontane (C38)	21.077	5516754	110.032 ug/ml
22) T n-Tetracontane (C40)	21.960	5544778	107.369 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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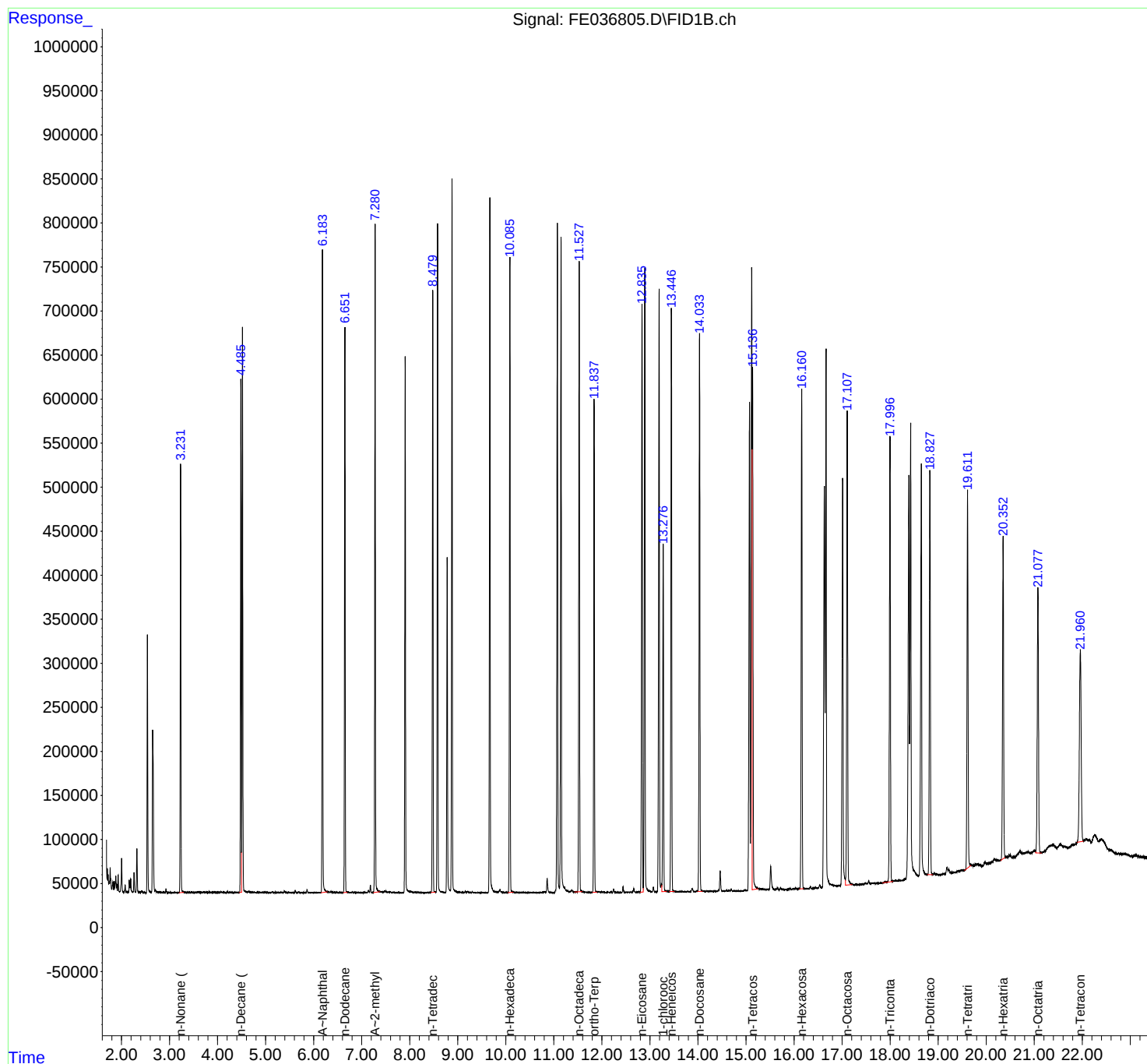
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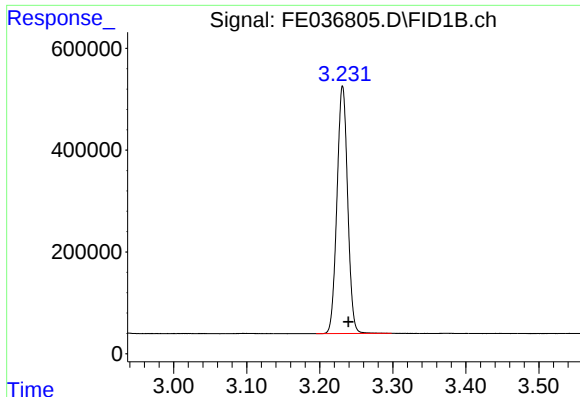
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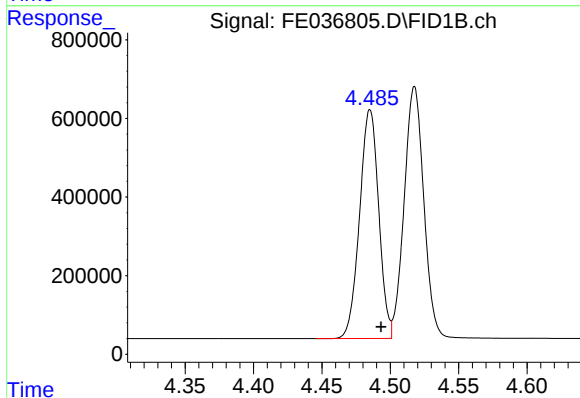
#1 n-Nonane (C9)

R.T.: 3.231 min
Delta R.T.: -0.008 min
Response: 4944140
Conc: 32.07 ug/ml

Instrument :
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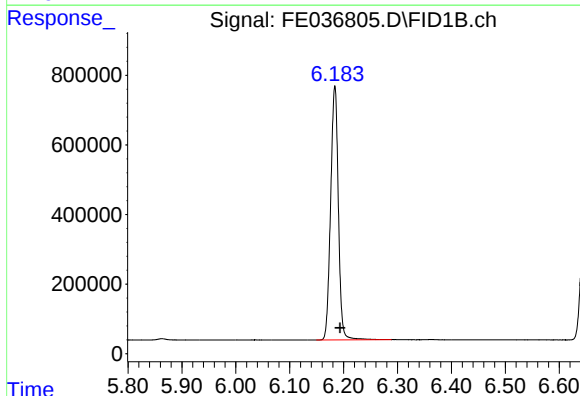
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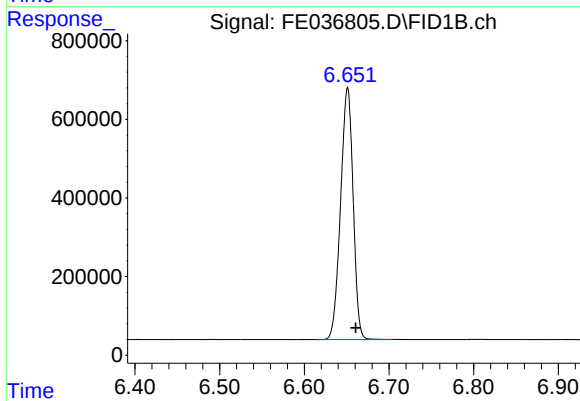
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: -0.008 min
Response: 5669532
Conc: 36.78 ug/ml



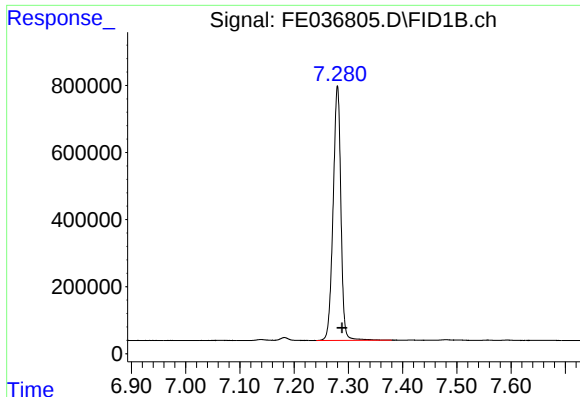
#3 A~Naphthalene (C11.7)

R.T.: 6.184 min
Delta R.T.: -0.009 min
Response: 7247380
Conc: 42.41 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.651 min
Delta R.T.: -0.010 min
Response: 6604583
Conc: 42.05 ug/ml



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

R.T.: 7.280 min
Delta R.T.: -0.008 min
Response: 7550495
Conc: 43.93 ug/ml

Instrument :

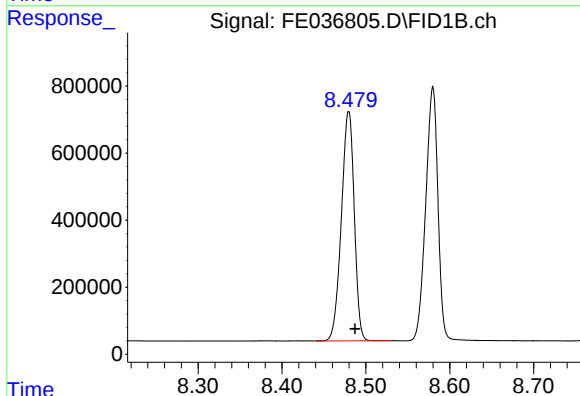
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ClientSampleId :

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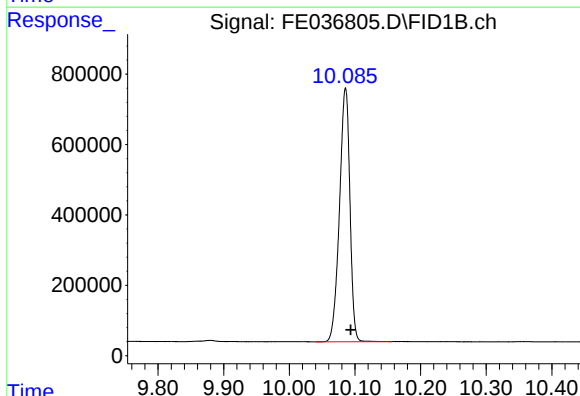
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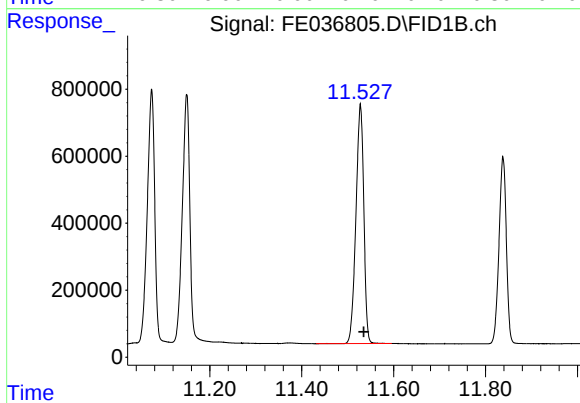
#6 n-Tetradecane (C14)

R.T.: 8.480 min
Delta R.T.: -0.008 min
Response: 7315676
Conc: 44.81 ug/ml



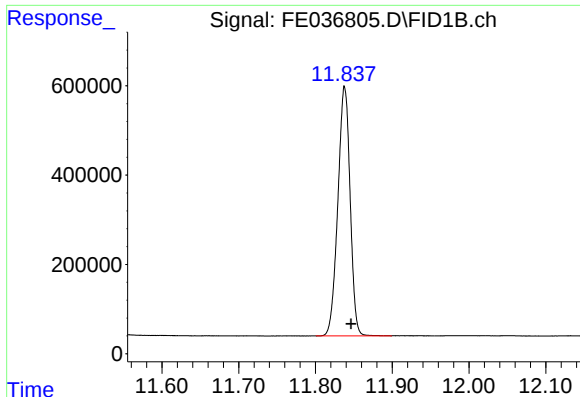
#7 n-Hexadecane (C16)

R.T.: 10.086 min
Delta R.T.: -0.008 min
Response: 7947830
Conc: 48.22 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.528 min
Delta R.T.: -0.007 min
Response: 8487656
Conc: 49.94 ug/ml



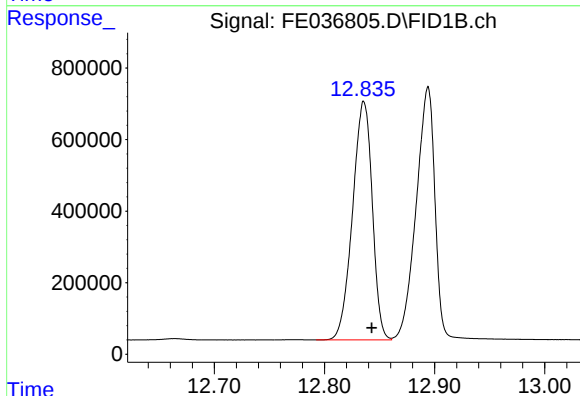
#9 ortho-Terphenyl (SURR)

R.T.: 11.838 min
Delta R.T.: -0.008 min
Response: 6201189
Conc: 33.30 ug/ml

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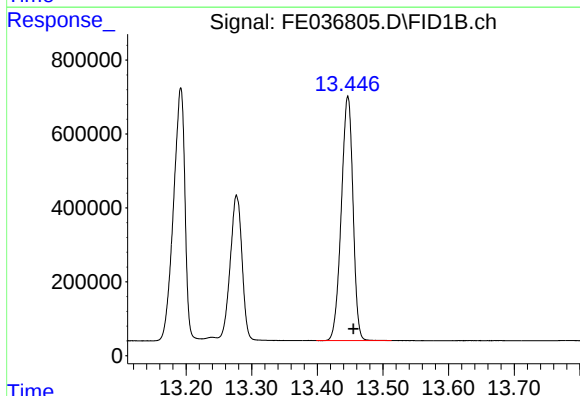
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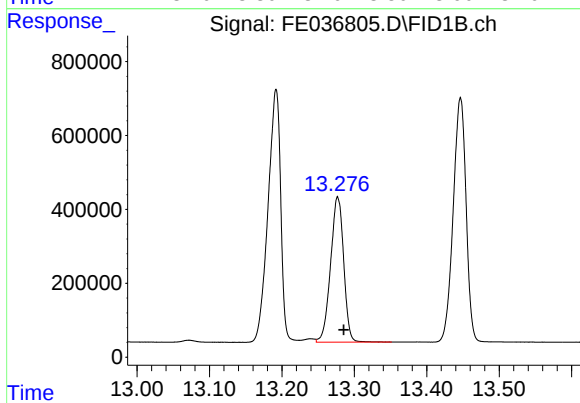
#10 n-Eicosane (C20)

R.T.: 12.836 min
Delta R.T.: -0.007 min
Response: 8284700
Conc: 48.70 ug/ml



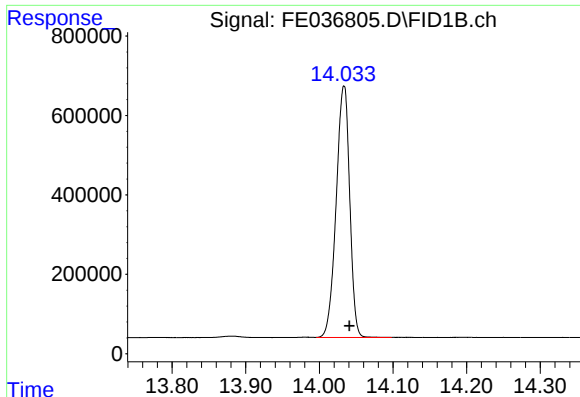
#11 n-Heneicosane (C21)

R.T.: 13.447 min
Delta R.T.: -0.008 min
Response: 8175785
Conc: 47.77 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.277 min
Delta R.T.: -0.008 min
Response: 4938832
Conc: 32.46 ug/ml



#13 n-Docosane (C22)

R.T.: 14.034 min
Delta R.T.: -0.008 min
Response: 8084183
Conc: 47.35 ug/ml

Instrument :

FID_E

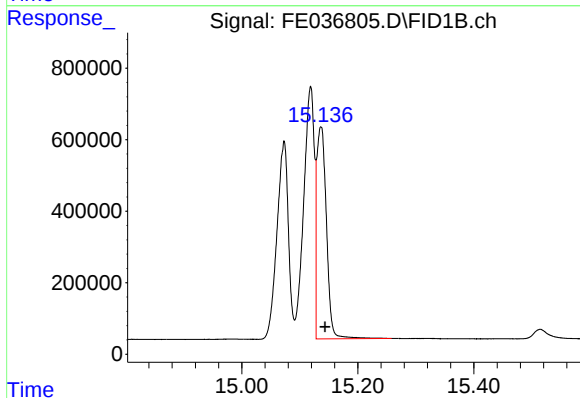
ClientSampleId :

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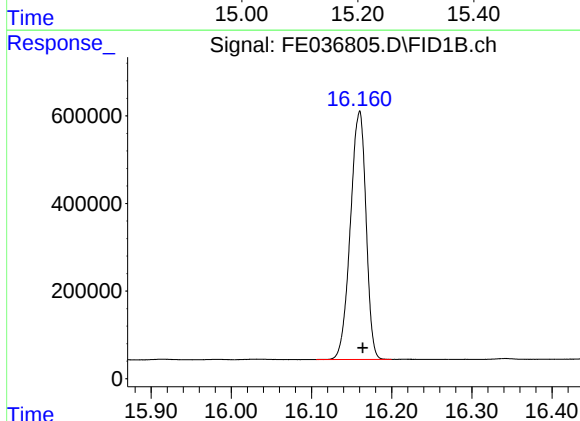
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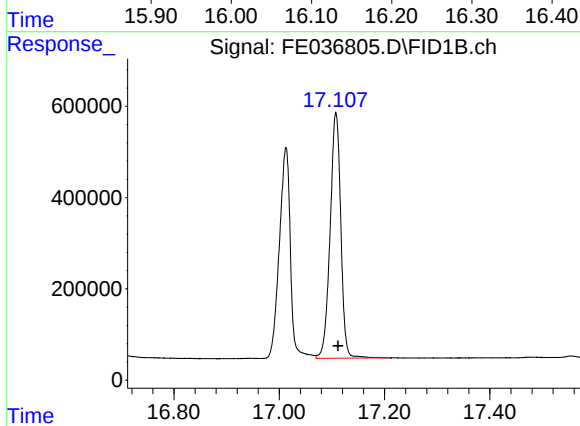
#14 n-Tetracosane (C24)

R.T.: 15.137 min
Delta R.T.: -0.007 min
Response: 6855950
Conc: 40.22 ug/ml



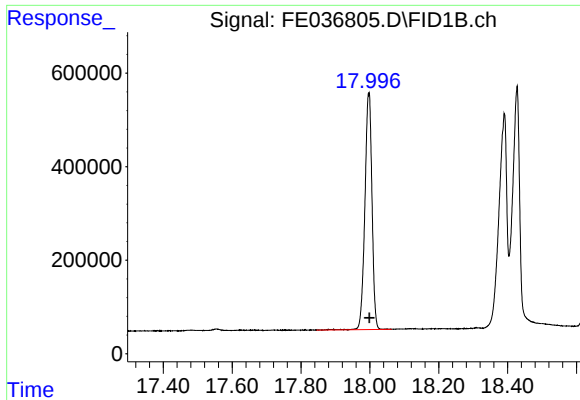
#15 n-Hexacosane (C26)

R.T.: 16.160 min
Delta R.T.: -0.004 min
Response: 7678112
Conc: 45.92 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.108 min
Delta R.T.: -0.004 min
Response: 7573879
Conc: 46.37 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.997 min
Delta R.T.: -0.002 min
Response: 7221390
Conc: 47.52 ug/ml

Instrument :

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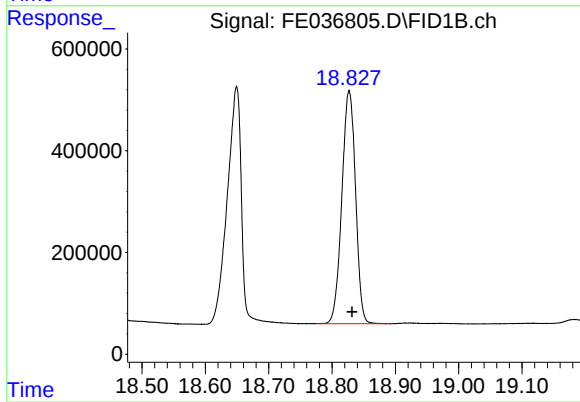
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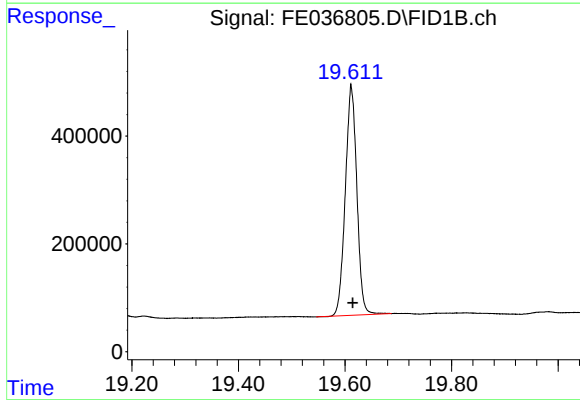
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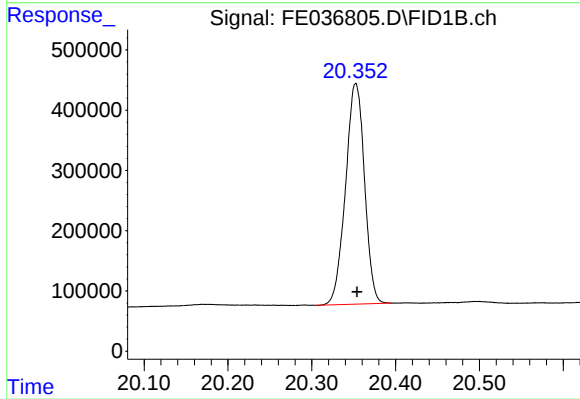
#18 n-Dotriacontane (C32)

R.T.: 18.827 min
Delta R.T.: -0.005 min
Response: 6877738
Conc: 57.19 ug/ml



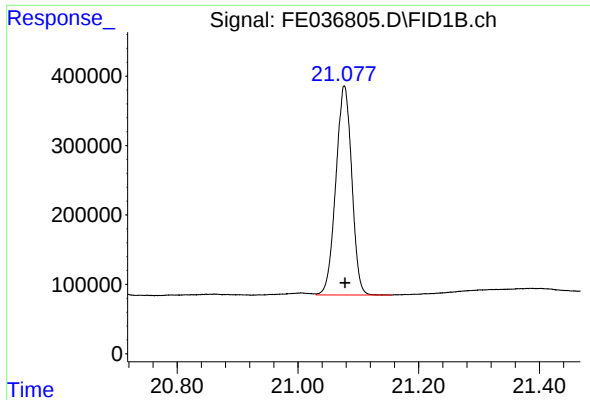
#19 n-Tetratriacontane (C34)

R.T.: 19.612 min
Delta R.T.: -0.003 min
Response: 6411759
Conc: 76.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.352 min
Delta R.T.: -0.001 min
Response: 5760834
Conc: 98.11 ug/ml



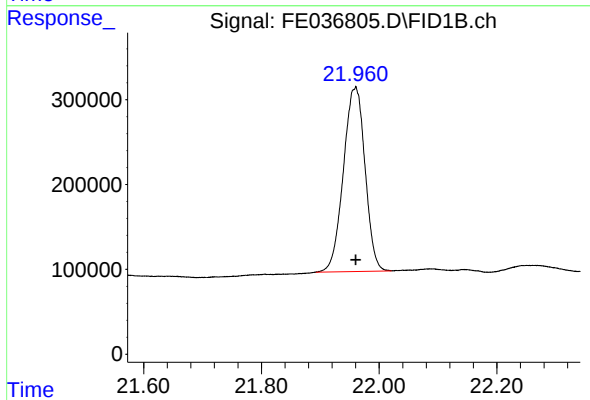
#21 n-Octatriacontane (C38)

R.T.: 21.077 min
Delta R.T.: -0.001 min
Response: 5516754
Conc: 110.03 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.960 min
Delta R.T.: 0.000 min
Response: 5544778
Conc: 107.37 ug/ml m