

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080122AL\
 Data File : FE036806.D
 Signal(s) : FID1B.ch
 Acq On : 02 Aug 2022 03:25
 Operator : YP\AJ
 Sample : N3976-01MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP1-0729MSD

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 04:34:36 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	5715532	30.688 ug/ml
Spiked Amount 50.000		Recovery =	61.38%
12) S 1-chlorooctadecane (S...	13.276	4540836	29.845 ug/ml
Spiked Amount 50.000		Recovery =	59.69%
Target Compounds			
1) T n-Nonane (C9)	3.231	4591783	29.786 ug/ml
2) T n-Decane (C10)	4.485	5268079	34.176 ug/ml
3) T A~Naphthalene (C11.7)	6.183	6710964	39.272 ug/ml
4) T n-Dodecane (C12)	6.651	6128293	39.020 ug/ml
5) T A~2-methylnaphthalene...	7.279	6992938	40.688 ug/ml
6) T n-Tetradecane (C14)	8.479	6774939	41.499 ug/ml
7) T n-Hexadecane (C16)	10.084	7353068	44.611 ug/ml
8) T n-Octadecane (C18)	11.526	7834152	46.097 ug/ml
10) T n-Eicosane (C20)	12.835	7636825	44.896 ug/ml
11) T n-Heneicosane (C21)	13.447	7523654	43.959 ug/ml
13) T n-Docosane (C22)	14.032	7444103	43.600 ug/ml
14) T n-Tetracosane (C24)	15.135	6273633	36.803 ug/ml
15) T n-Hexacosane (C26)	16.158	7060596	42.231 ug/ml
16) T n-Octacosane (C28)	17.105	6958321	42.604 ug/ml
17) T n-Tricontane (C30)	17.994	6609711	43.496 ug/ml
18) T n-Dotriacontane (C32)	18.827	6400254	53.216 ug/ml
19) T n-Tetratriacontane (C34)	19.611	5991145	71.943 ug/mlm
20) T n-Hexatriacontane (C36)	20.355	5318450	90.578 ug/mlm
21) T n-Octatriacontane (C38)	21.076	5130168	102.322 ug/ml
22) T n-Tetracontane (C40)	21.960	5143203	99.593 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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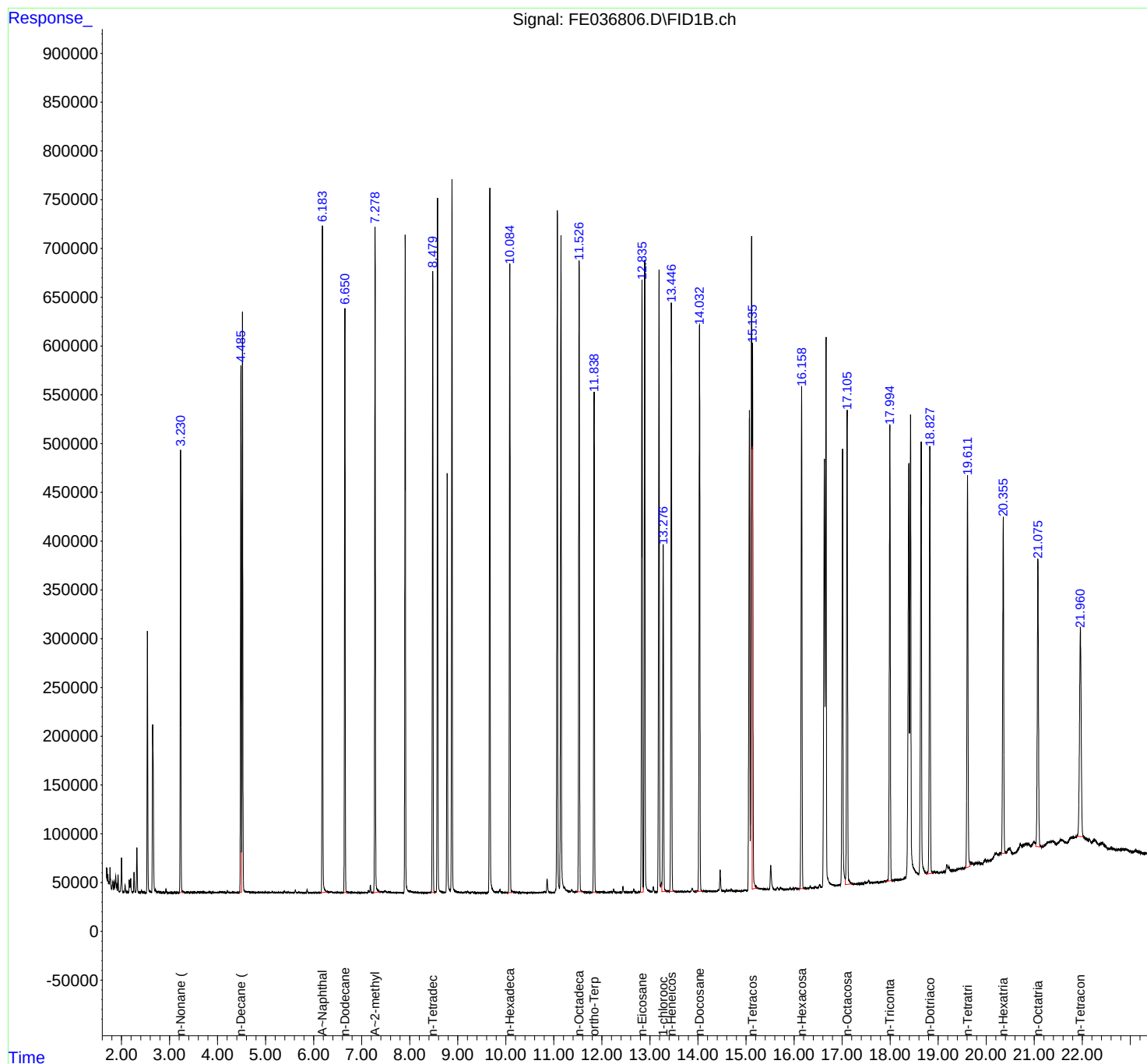
Instrument :
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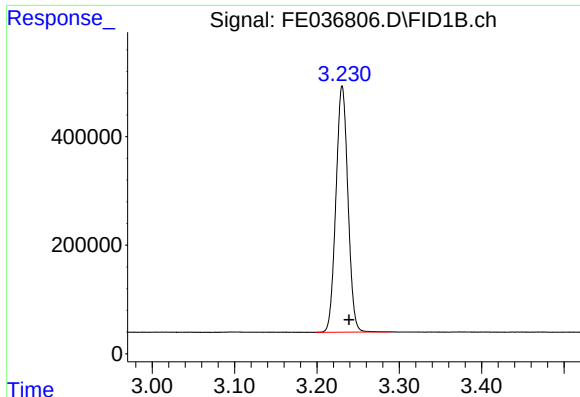
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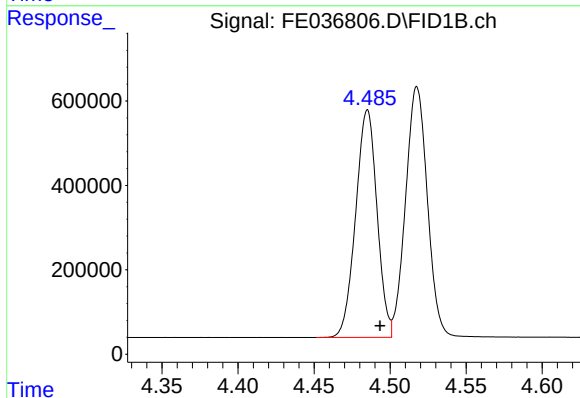
#1 n-Nonane (C9)

R.T.: 3.231 min
Delta R.T.: -0.008 min
Response: 4591783
Conc: 29.79 ug/ml

Instrument :
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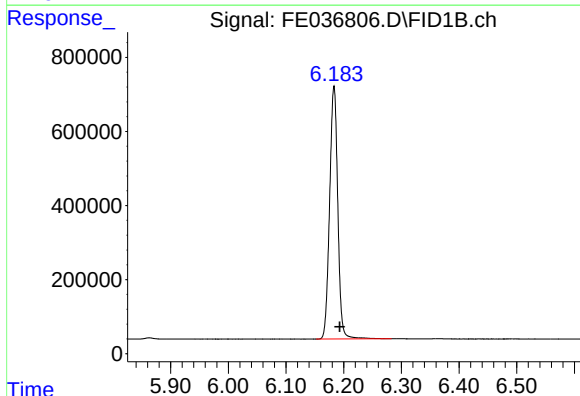
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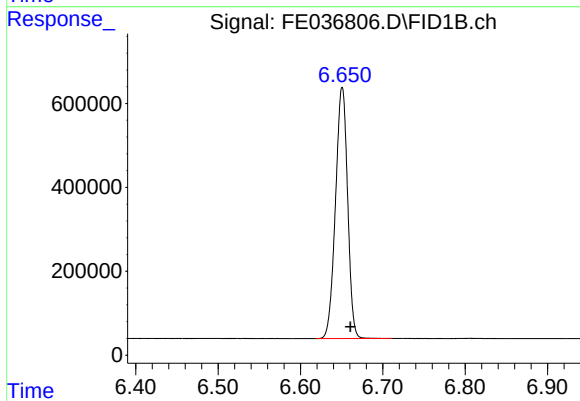
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: -0.008 min
Response: 5268079
Conc: 34.18 ug/ml



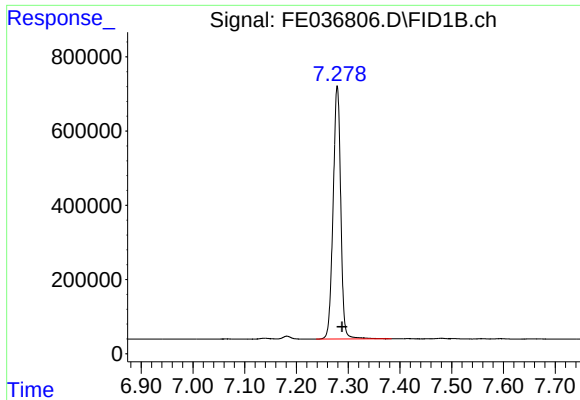
#3 A~Naphthalene (C11.7)

R.T.: 6.183 min
Delta R.T.: -0.010 min
Response: 6710964
Conc: 39.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.651 min
Delta R.T.: -0.010 min
Response: 6128293
Conc: 39.02 ug/ml



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

R.T.: 7.279 min
Delta R.T.: -0.009 min
Response: 6992938
Conc: 40.69 ug/ml

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FID_E

ClientSampleId :

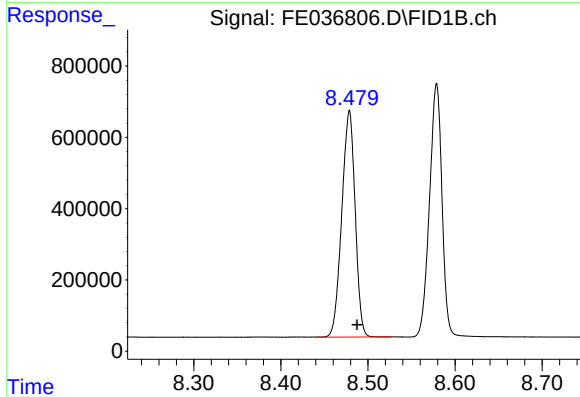
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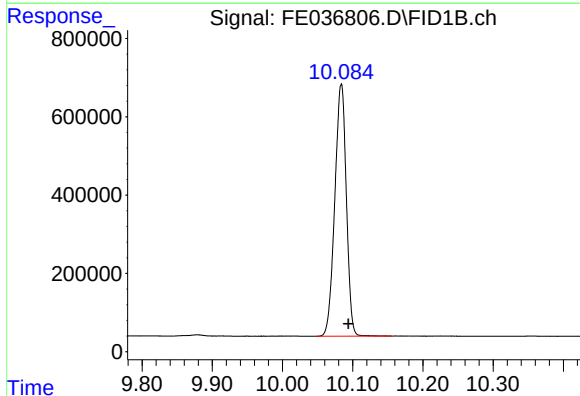
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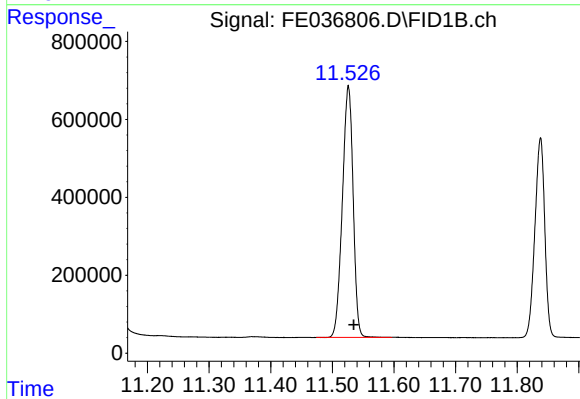
#6 n-Tetradecane (C14)

R.T.: 8.479 min
Delta R.T.: -0.009 min
Response: 6774939
Conc: 41.50 ug/ml



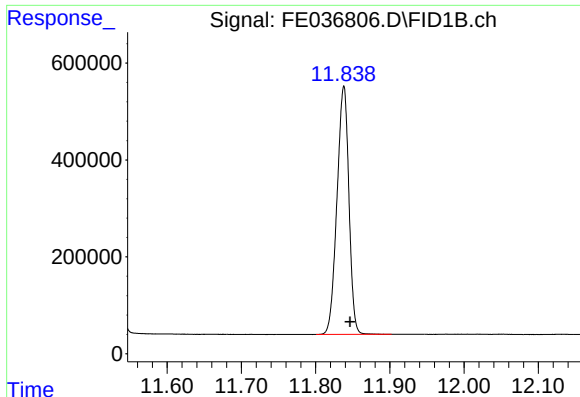
#7 n-Hexadecane (C16)

R.T.: 10.084 min
Delta R.T.: -0.010 min
Response: 7353068
Conc: 44.61 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.526 min
Delta R.T.: -0.009 min
Response: 7834152
Conc: 46.10 ug/ml



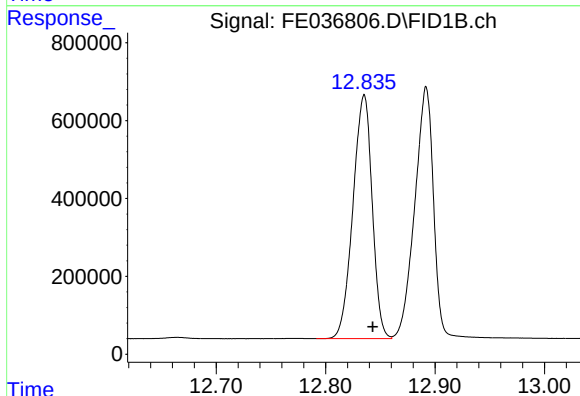
#9 ortho-Terphenyl (SURR)

R.T.: 11.838 min
Delta R.T.: -0.008 min
Response: 5715532
Conc: 30.69 ug/ml

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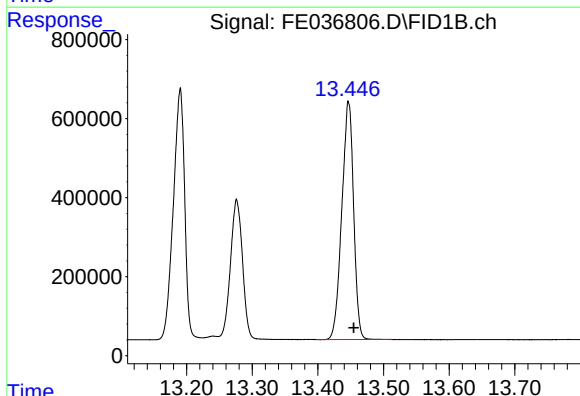
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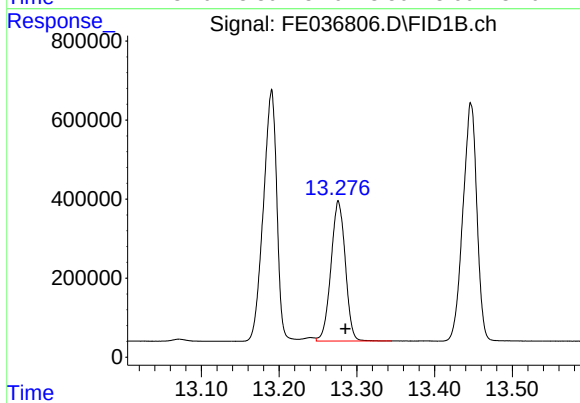
#10 n-Eicosane (C20)

R.T.: 12.835 min
Delta R.T.: -0.008 min
Response: 7636825
Conc: 44.90 ug/ml



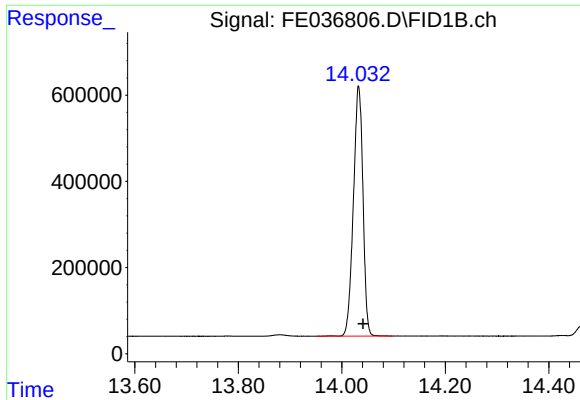
#11 n-Heneicosane (C21)

R.T.: 13.447 min
Delta R.T.: -0.008 min
Response: 7523654
Conc: 43.96 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.276 min
Delta R.T.: -0.009 min
Response: 4540836
Conc: 29.85 ug/ml



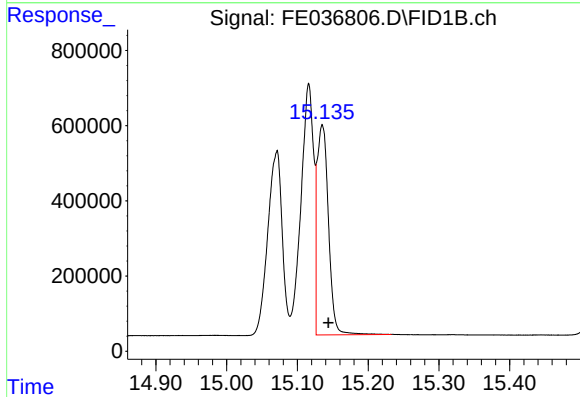
#13 n-Docosane (C22)

R.T.: 14.032 min
Delta R.T.: -0.009 min
Response: 7444103
Conc: 43.60 ug/ml

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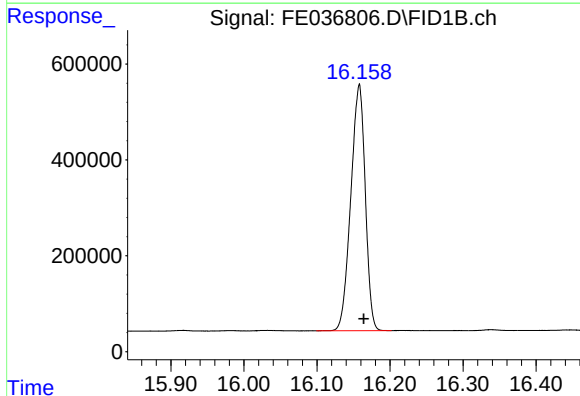
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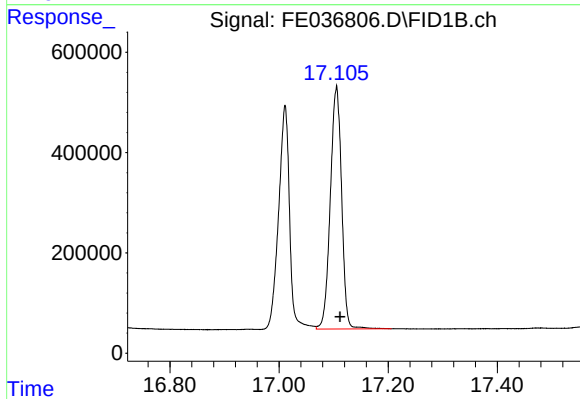
#14 n-Tetracosane (C24)

R.T.: 15.135 min
Delta R.T.: -0.009 min
Response: 6273633
Conc: 36.80 ug/ml



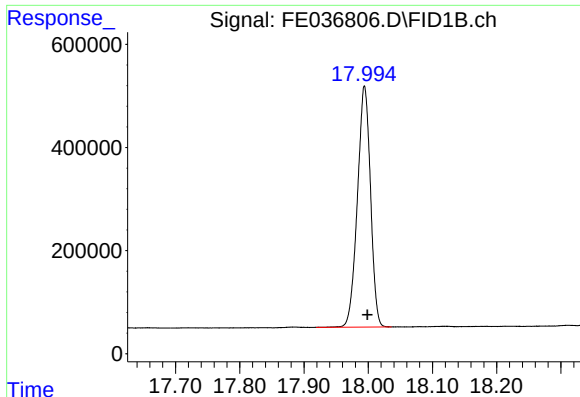
#15 n-Hexacosane (C26)

R.T.: 16.158 min
Delta R.T.: -0.006 min
Response: 7060596
Conc: 42.23 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.105 min
Delta R.T.: -0.007 min
Response: 6958321
Conc: 42.60 ug/ml



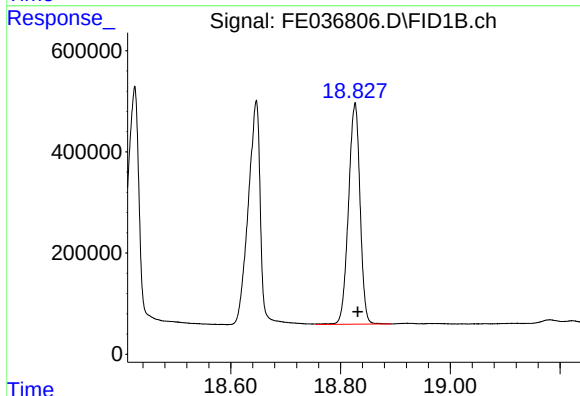
#17 n-Tricontane (C30)

R.T.: 17.994 min
Delta R.T.: -0.005 min
Response: 6609711
Conc: 43.50 ug/ml

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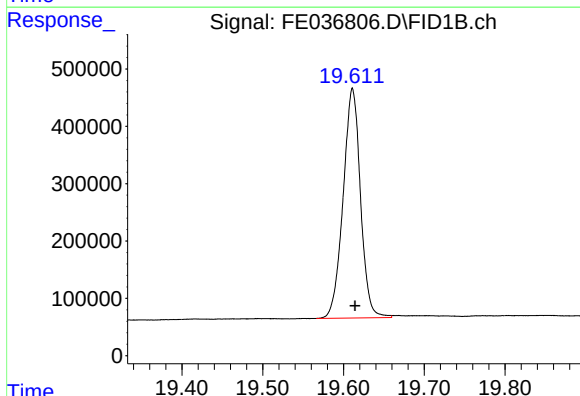
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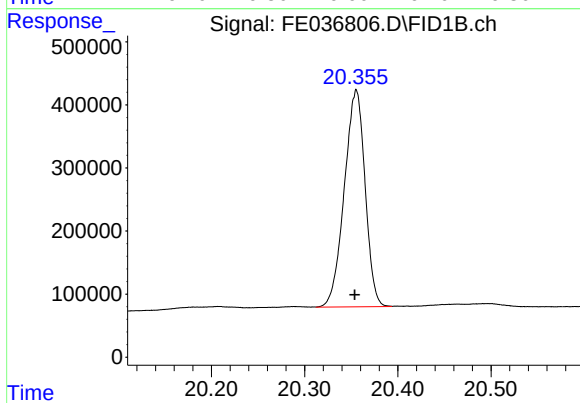
#18 n-Dotriacontane (C32)

R.T.: 18.827 min
Delta R.T.: -0.005 min
Response: 6400254
Conc: 53.22 ug/ml



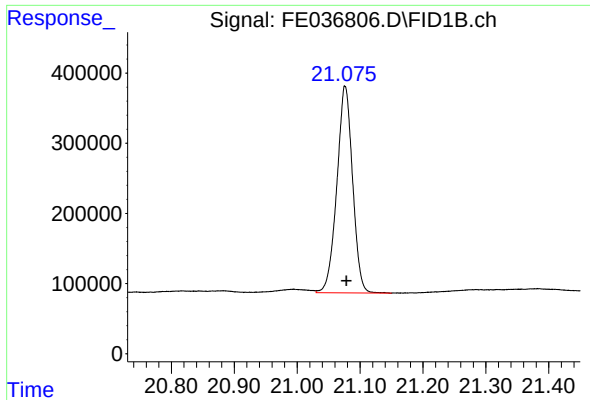
#19 n-Tetratriacontane (C34)

R.T.: 19.611 min
Delta R.T.: -0.004 min
Response: 5991145
Conc: 71.94 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.355 min
Delta R.T.: 0.001 min
Response: 5318450
Conc: 90.58 ug/ml m



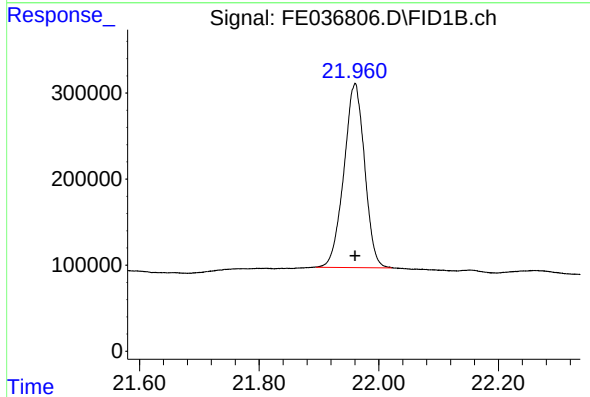
#21 n-Octatriacontane (C38)

R.T.: 21.076 min
Delta R.T.: -0.002 min
Response: 5130168
Conc: 102.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.960 min
Delta R.T.: 0.000 min
Response: 5143203
Conc: 99.59 ug/ml m