

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011024AL\
 Data File : FE046160.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jan 2024 21:36
 Operator : YP\AJ
 Sample : P1085-07MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TP-4MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :Ankita Jodhani 01/11/2024

Integration File: autoint1.e

Quant Time: Jan 11 01:16:48 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M

Quant Title : GC Extractables

QLast Update : Fri Dec 29 03:49:54 2023

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)	11.836	7476102	41.140 ug/ml
Spiked Amount 50.000		Recovery =	82.28%
12) S 1-chlorooctadecane (S...	13.278	5690591	42.591 ug/ml
Spiked Amount 50.000		Recovery =	85.18%
Target Compounds			
1) T n-Nonane (C9)	3.220	4746152	31.011 ug/ml
2) T n-Decane (C10)	4.471	5527116	35.614 ug/ml
3) T A~Naphthalene (C11.7)	6.172	6773590	40.730 ug/ml
4) T n-Dodecane (C12)	6.637	6372627	40.814 ug/ml
5) T A~2-methylnaphthalene...	7.269	6969707	43.776 ug/ml
6) T n-Tetradecane (C14)	8.466	6789019	43.583 ug/ml
7) T n-Hexadecane (C16)	10.075	7180144	45.341 ug/ml
8) T n-Octadecane (C18)	11.521	7304685	46.411 ug/ml
10) T n-Eicosane (C20)	12.833	7313037	48.342 ug/ml
11) T n-Heneicosane (C21)	13.446	6987828	47.520 ug/ml
13) T n-Docosane (C22)	14.033	6913241	47.295 ug/ml
14) T n-Tetracosane (C24)	15.137	15198536	104.794 ug/ml
15) T n-Hexacosane (C26)	16.164	6569438	45.822 ug/ml
16) T n-Octacosane (C28)	17.116	8025660	55.959 ug/ml
17) T n-Tricontane (C30)	18.009	6355611	42.759 ug/ml
18) T n-Dotriacontane (C32)	18.841	6760395	45.201 ug/ml
19) T n-Tetratriacontane (C34)	19.630	6436265	44.928 ug/ml
20) T n-Hexatriacontane (C36)	20.371	6125132	42.010 ug/ml
21) T n-Octatriacontane (C38)	21.104	6683703	45.326 ug/ml
22) T n-Tetracontane (C40)	22.002	6782478	43.331 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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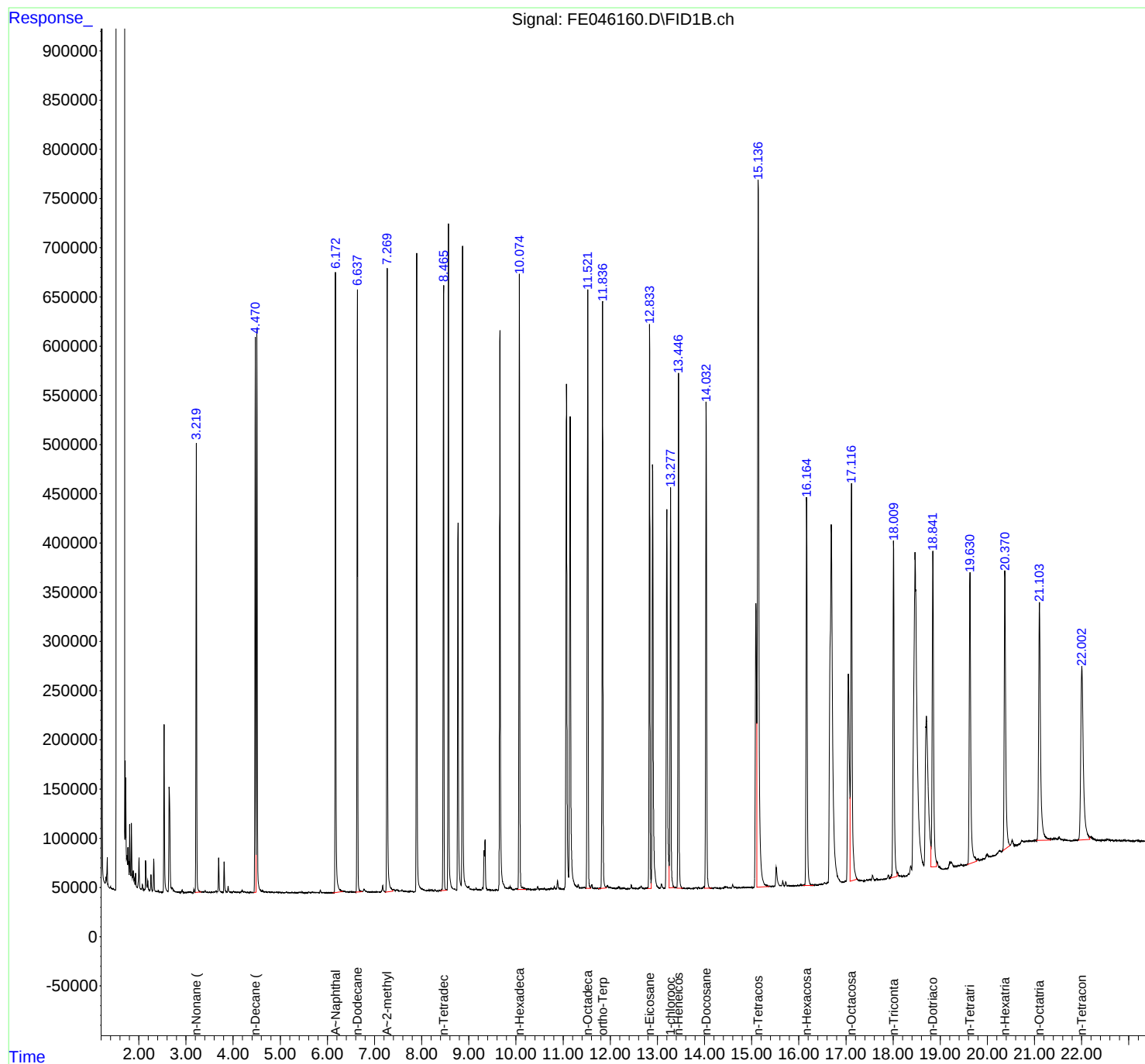
Instrument :
FID_E
ClientSampleId :
TP-4MS

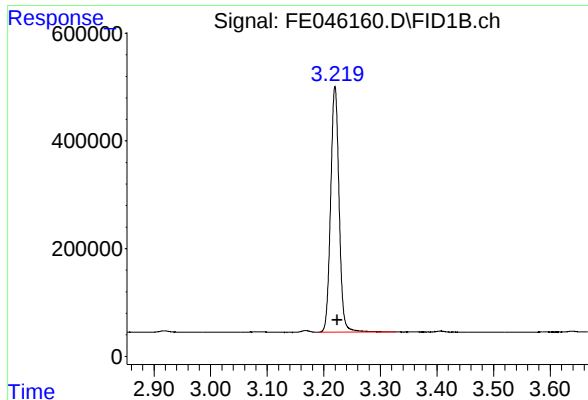
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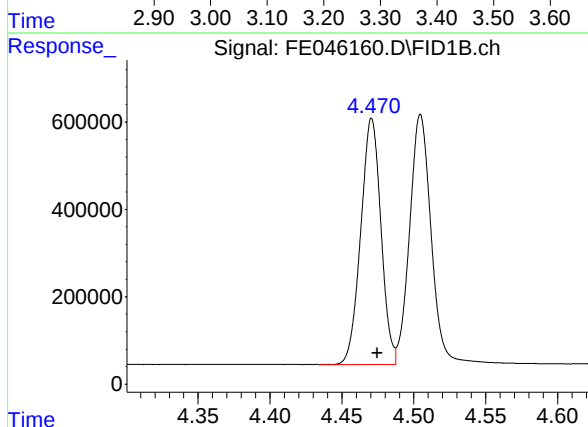
#1 n-Nonane (C9)

R.T.: 3.220 min
Delta R.T.: -0.004 min
Response: 4746152
Conc: 31.01 ug/ml

Instrument :
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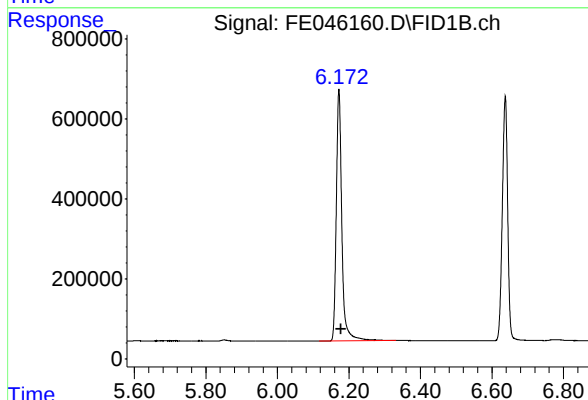
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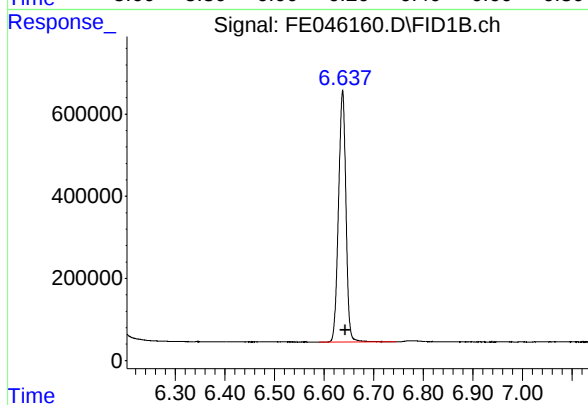
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: -0.004 min
Response: 5527116
Conc: 35.61 ug/ml



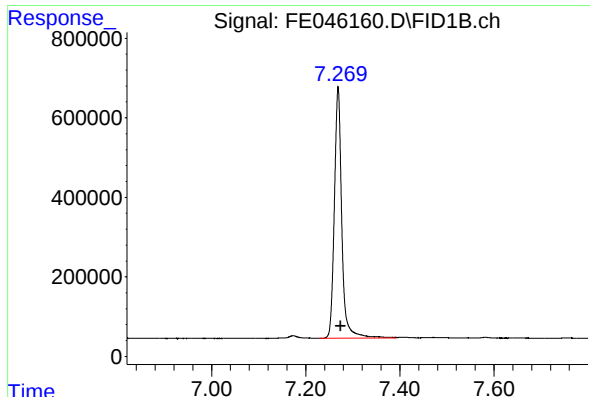
#3 A~Naphthalene (C11.7)

R.T.: 6.172 min
Delta R.T.: -0.005 min
Response: 6773590
Conc: 40.73 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.637 min
Delta R.T.: -0.005 min
Response: 6372627
Conc: 40.81 ug/ml



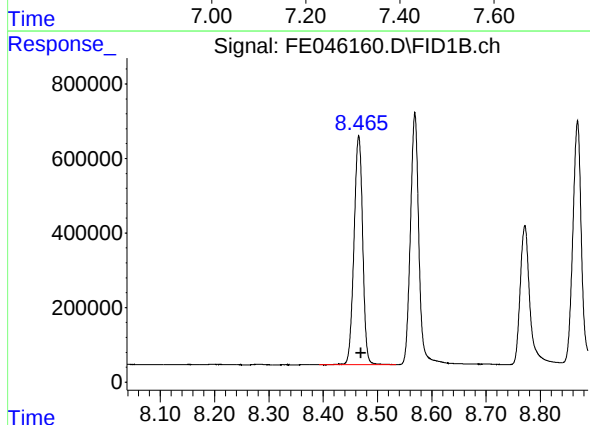
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.269 min
Delta R.T.: -0.005 min
Response: 6969707
Conc: 43.78 ug/ml

Instrument :
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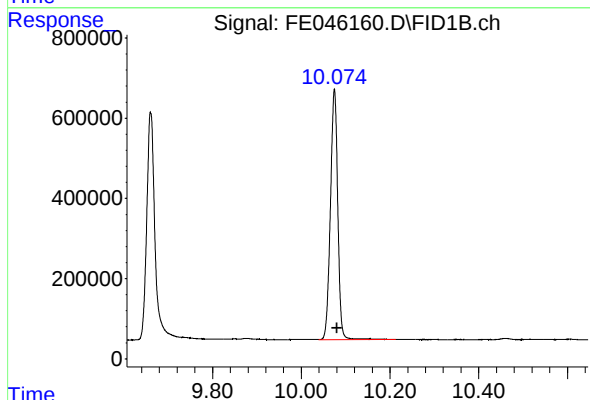
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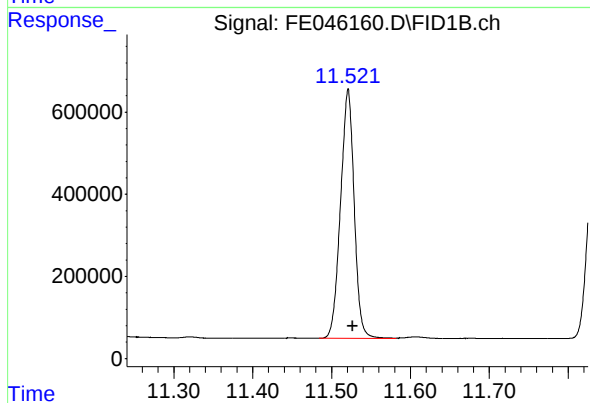
#6 n-Tetradecane (C14)

R.T.: 8.466 min
Delta R.T.: -0.004 min
Response: 6789019
Conc: 43.58 ug/ml



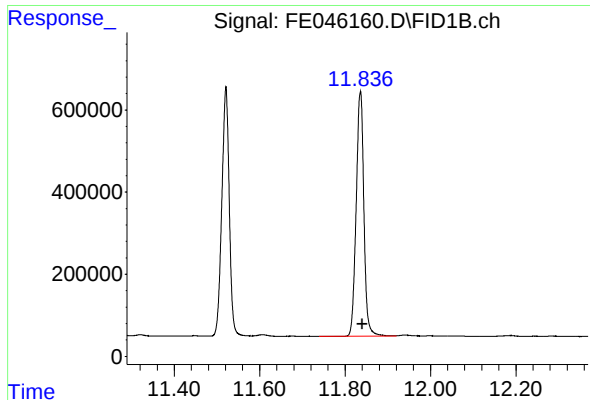
#7 n-Hexadecane (C16)

R.T.: 10.075 min
Delta R.T.: -0.006 min
Response: 7180144
Conc: 45.34 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.521 min
Delta R.T.: -0.006 min
Response: 7304685
Conc: 46.41 ug/ml



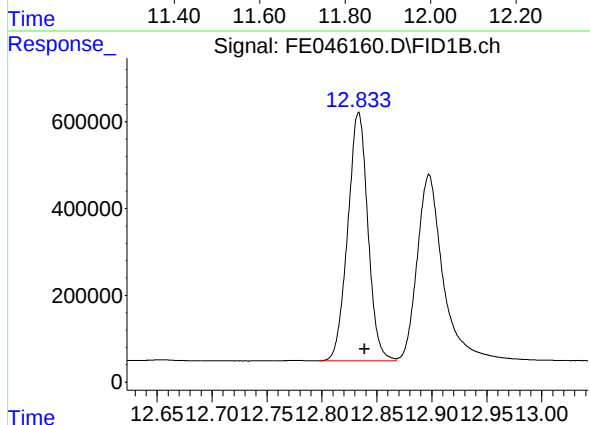
#9 ortho-Terphenyl (SURR)

R.T.: 11.836 min
Delta R.T.: -0.004 min
Response: 7476102
Conc: 41.14 ug/ml

Instrument :
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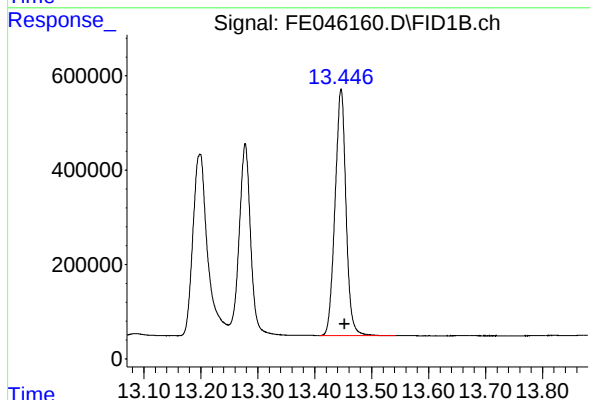
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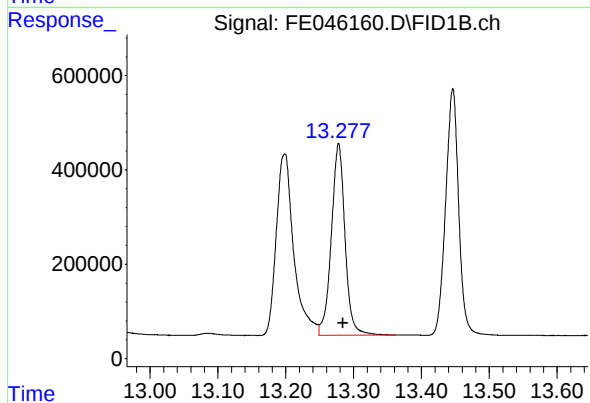
#10 n-Eicosane (C20)

R.T.: 12.833 min
Delta R.T.: -0.005 min
Response: 7313037
Conc: 48.34 ug/ml



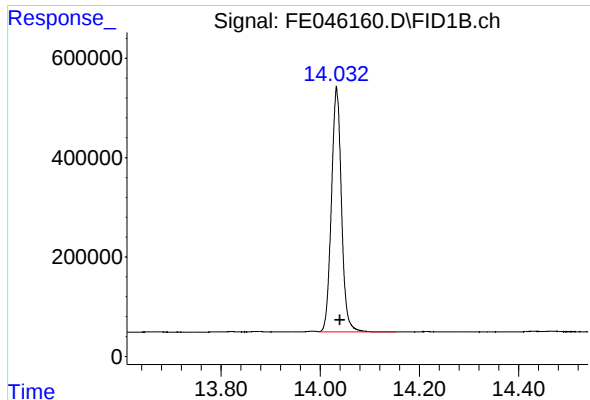
#11 n-Heneicosane (C21)

R.T.: 13.446 min
Delta R.T.: -0.006 min
Response: 6987828
Conc: 47.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.278 min
Delta R.T.: -0.006 min
Response: 5690591
Conc: 42.59 ug/ml



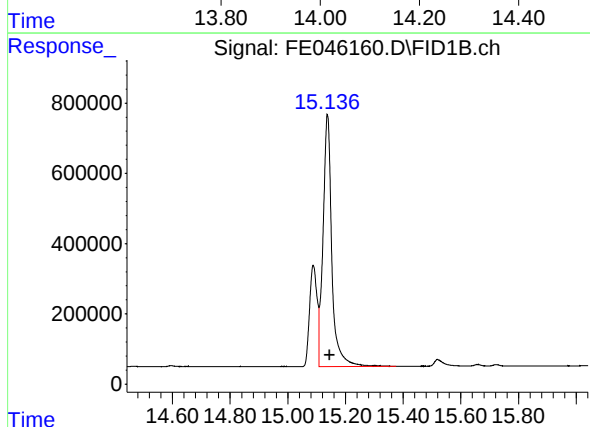
#13 n-Docosane (C22)

R.T.: 14.033 min
Delta R.T.: -0.007 min
Response: 6913241
Conc: 47.30 ug/ml

Instrument :
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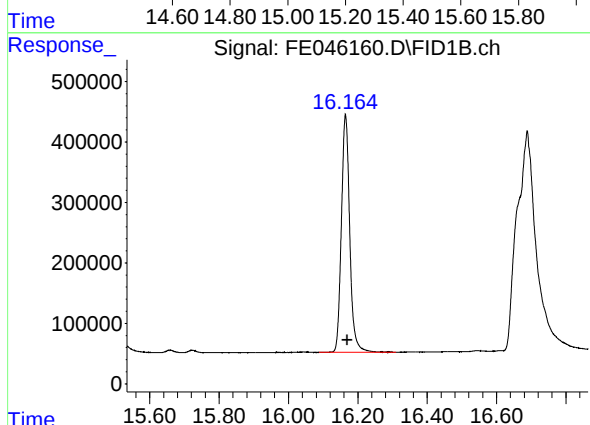
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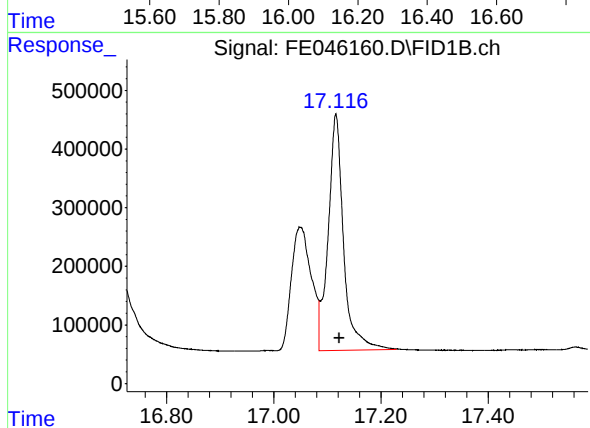
#14 n-Tetracosane (C24)

R.T.: 15.137 min
Delta R.T.: -0.008 min
Response: 15198536
Conc: 104.79 ug/ml



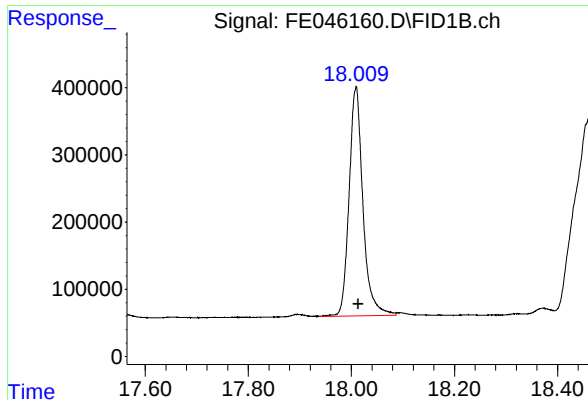
#15 n-Hexacosane (C26)

R.T.: 16.164 min
Delta R.T.: -0.005 min
Response: 6569438
Conc: 45.82 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.116 min
Delta R.T.: -0.007 min
Response: 8025660
Conc: 55.96 ug/ml m



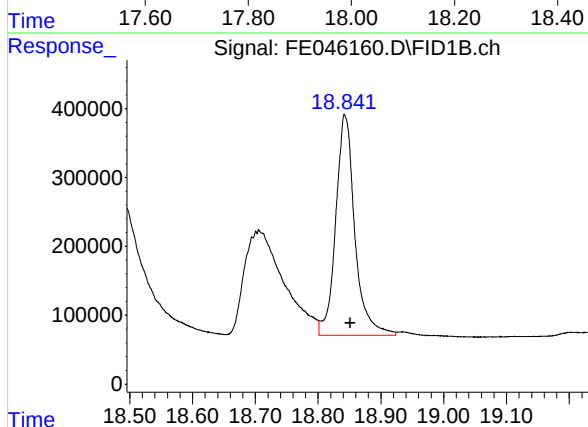
#17 n-Tricontane (C30)

R.T.: 18.009 min
Delta R.T.: -0.005 min
Response: 6355611
Conc: 42.76 ug/ml

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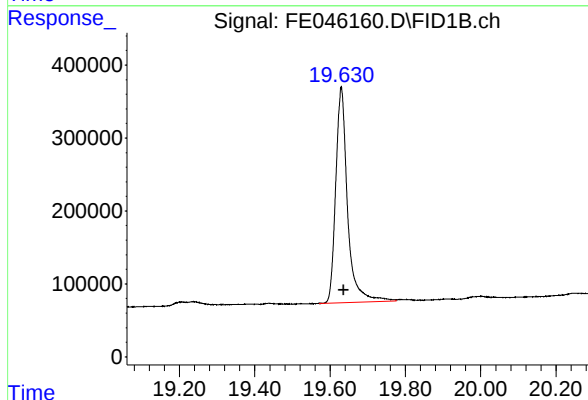
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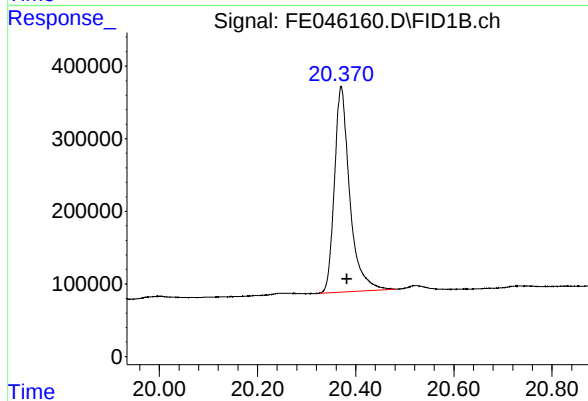
#18 n-Dotriacontane (C32)

R.T.: 18.841 min
Delta R.T.: -0.010 min
Response: 6760395
Conc: 45.20 ug/ml m



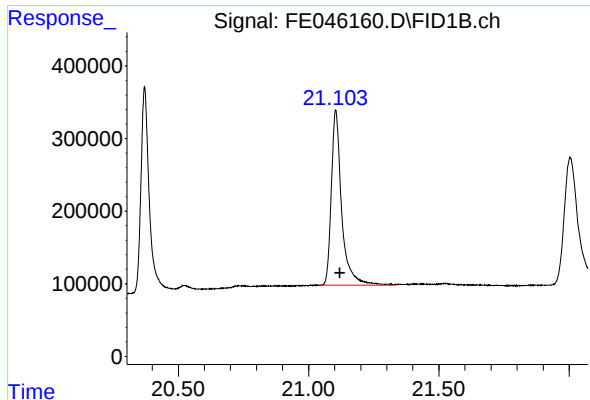
#19 n-Tetratriacontane (C34)

R.T.: 19.630 min
Delta R.T.: -0.007 min
Response: 6436265
Conc: 44.93 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.371 min
Delta R.T.: -0.012 min
Response: 6125132
Conc: 42.01 ug/ml



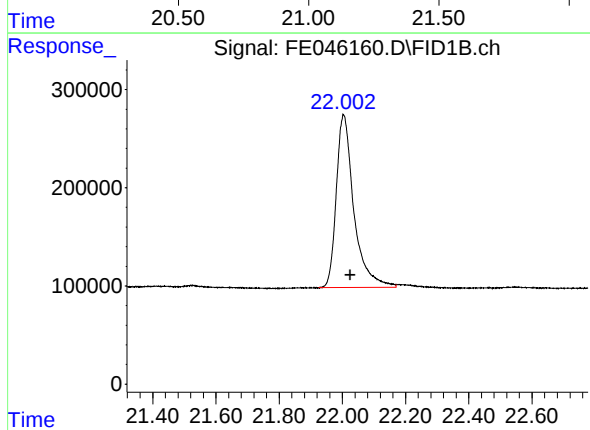
#21 n-Octatriacontane (C38)

R.T.: 21.104 min
Delta R.T.: -0.016 min
Response: 6683703
Conc: 45.33 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.002 min
Delta R.T.: -0.023 min
Response: 6782478
Conc: 43.33 ug/ml m