

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090424AL\
 Data File : FE049916.D
 Signal(s) : FID1B.ch
 Acq On : 04 Sep 2024 14:07
 Operator : YP\AJ
 Sample : PB163145BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB163145BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/05/2024

Supervised By :Ankita Jodhani 09/05/2024

Integration File: autoint1.e

Quant Time: Sep 05 01:20:52 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M

Quant Title : GC Extractables

QLast Update : Wed Aug 14 11:05:17 2024

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)	11.881	6090465	37.663 ug/ml
Spiked Amount 50.000		Recovery =	75.33%
12) S 1-chlorooctadecane (S...	13.315	5021960	41.161 ug/ml
Spiked Amount 50.000		Recovery =	82.32%
Target Compounds			
1) T n-Nonane (C9)	3.278	6288145	40.633 ug/ml
2) T n-Decane (C10)	4.525	6611711	41.875 ug/ml
3) T A~Naphthalene (C11.7)	6.229	6822669	42.521 ug/ml
4) T n-Dodecane (C12)	6.688	6819367	43.378 ug/ml
5) T A~2-methylnaphthalene...	7.324	6536272	43.647 ug/ml
6) T n-Tetradecane (C14)	8.516	6828302	44.231 ug/ml
7) T n-Hexadecane (C16)	10.121	6712473	42.979 ug/ml
8) T n-Octadecane (C18)	11.563	6788522	43.224 ug/ml
10) T n-Eicosane (C20)	12.871	6803214	45.565 ug/ml
11) T n-Heneicosane (C21)	13.482	6617865	45.112 ug/ml
13) T n-Docosane (C22)	14.067	6519633	44.731 ug/ml
14) T n-Tetracosane (C24)	15.165	12353792	84.926 ug/ml
15) T n-Hexacosane (C26)	16.188	6398534	44.334 ug/ml
16) T n-Octacosane (C28)	17.136	7029677	48.804 ug/ml
17) T n-Tricontane (C30)	18.024	6594799	44.052 ug/ml
18) T n-Dotriacontane (C32)	18.855	6749135	44.613 ug/mlm
19) T n-Tetratriacontane (C34)	19.637	6982974	45.676 ug/ml
20) T n-Hexatriacontane (C36)	20.376	7135960	46.993 ug/mlm
21) T n-Octatriacontane (C38)	21.104	7427396	47.322 ug/ml
22) T n-Tetracontane (C40)	21.996	7417607	48.583 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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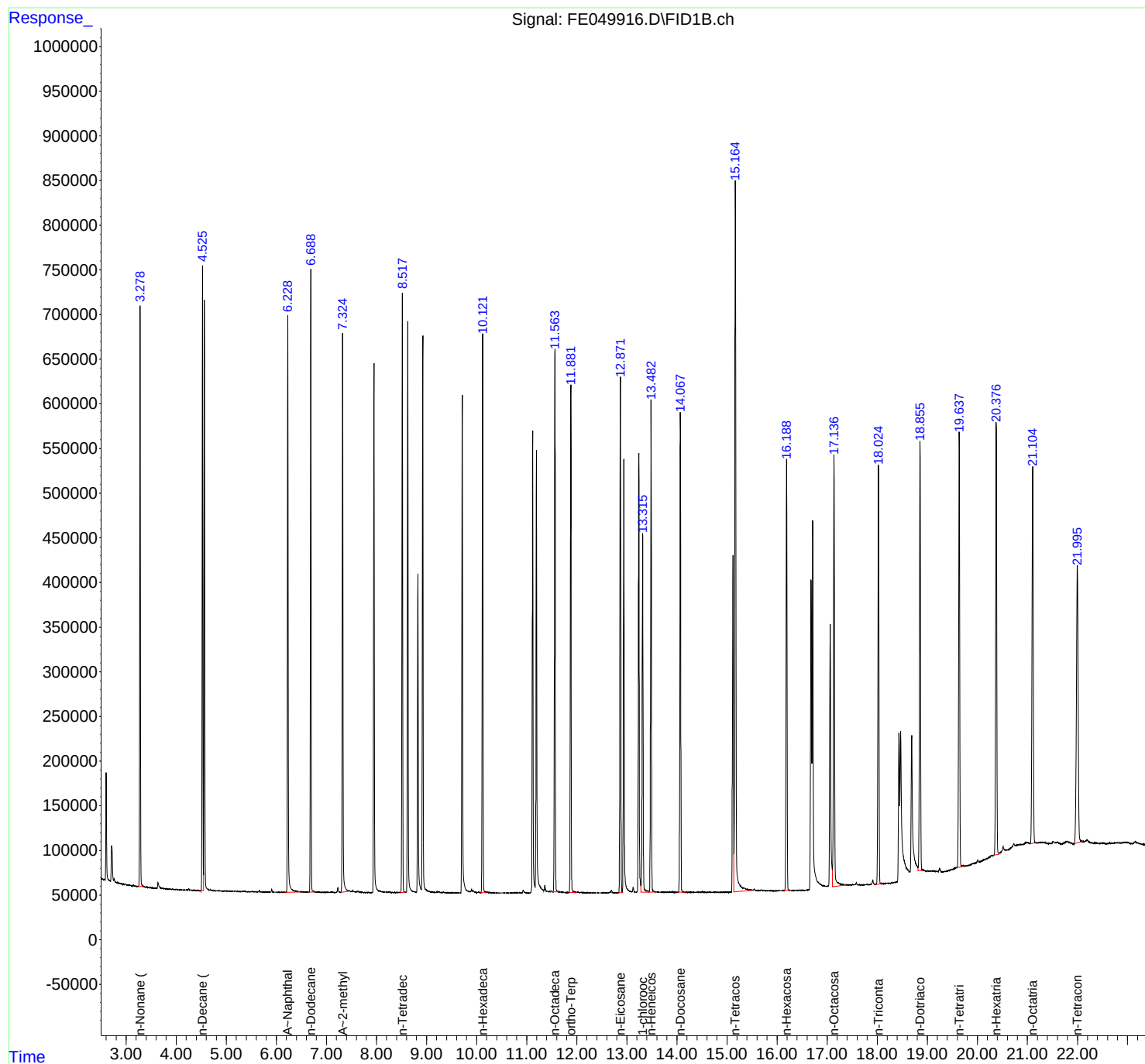
Response via : Initial Calibration

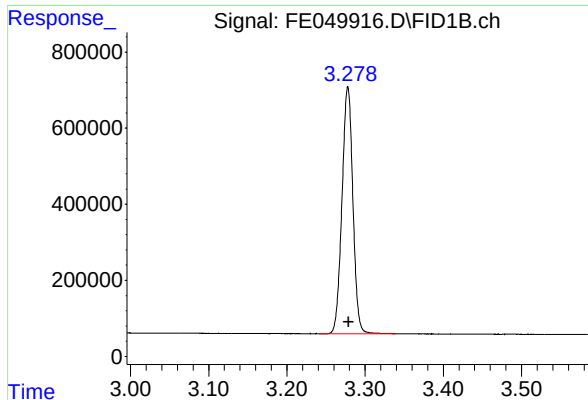
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





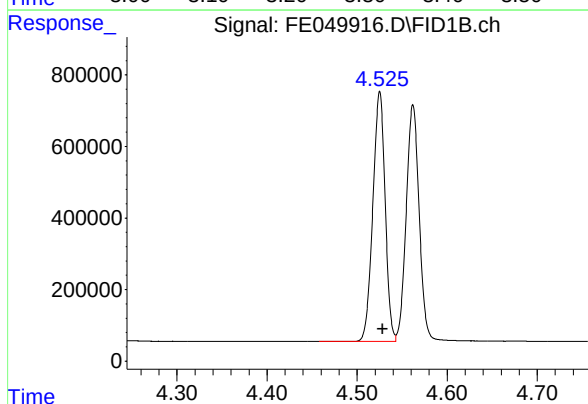
#1 n-Nonane (C9)

R.T.: 3.278 min
Delta R.T.: -0.001 min
Response: 6288145
Conc: 40.63 ug/ml

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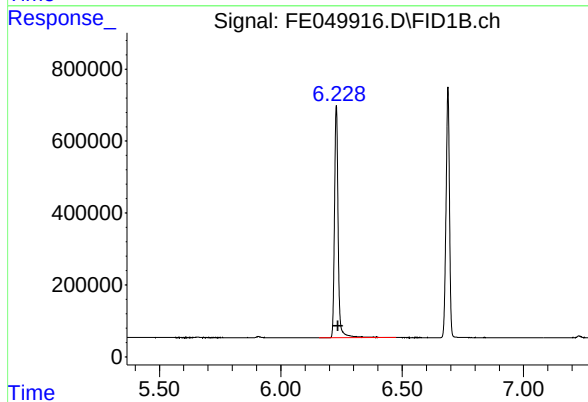
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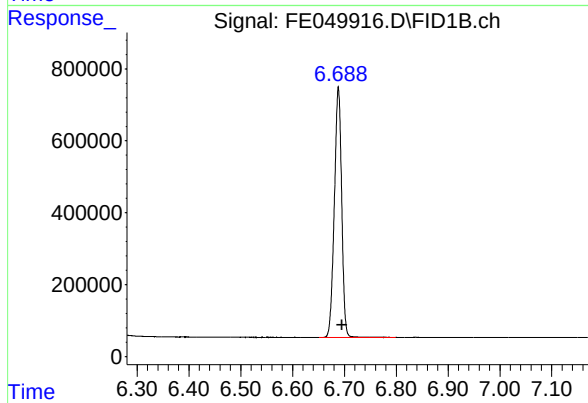
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: -0.004 min
Response: 6611711
Conc: 41.88 ug/ml



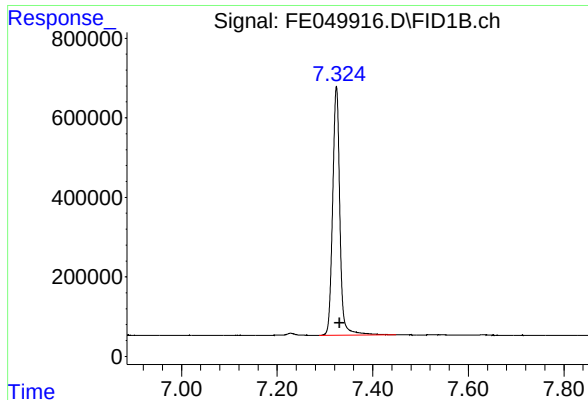
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: -0.006 min
Response: 6822669
Conc: 42.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.688 min
Delta R.T.: -0.007 min
Response: 6819367
Conc: 43.38 ug/ml



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

R.T.: 7.324 min
Delta R.T.: -0.007 min
Response: 6536272
Conc: 43.65 ug/ml

Instrument :

FID_E

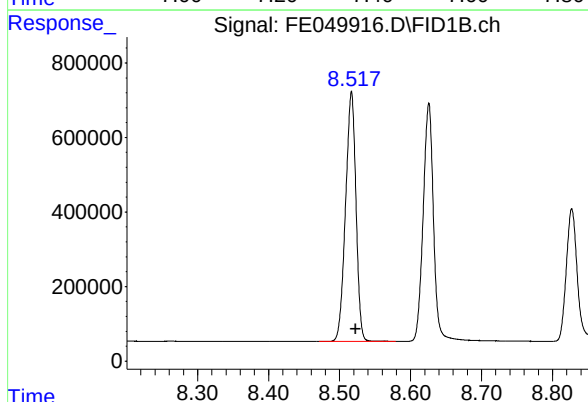
ClientSampleId :

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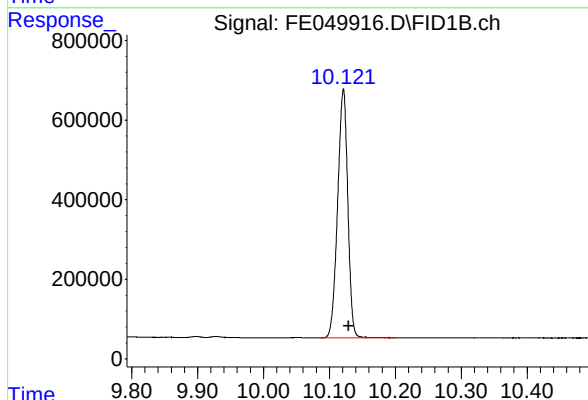
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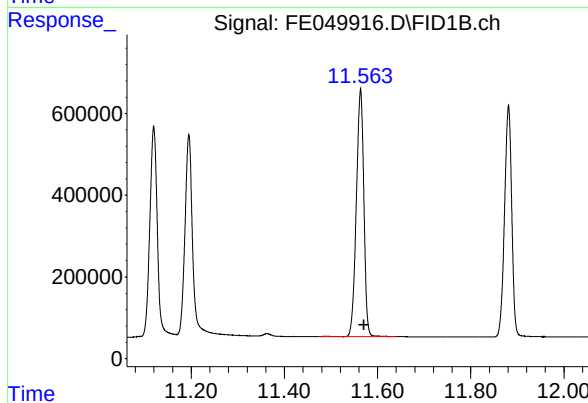
#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: -0.006 min
Response: 6828302
Conc: 44.23 ug/ml



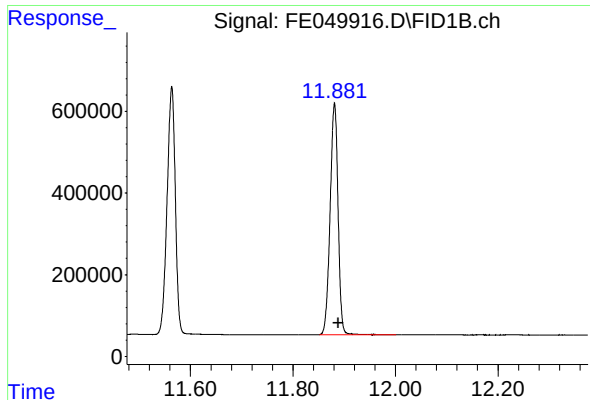
#7 n-Hexadecane (C16)

R.T.: 10.121 min
Delta R.T.: -0.008 min
Response: 6712473
Conc: 42.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.563 min
Delta R.T.: -0.008 min
Response: 6788522
Conc: 43.22 ug/ml



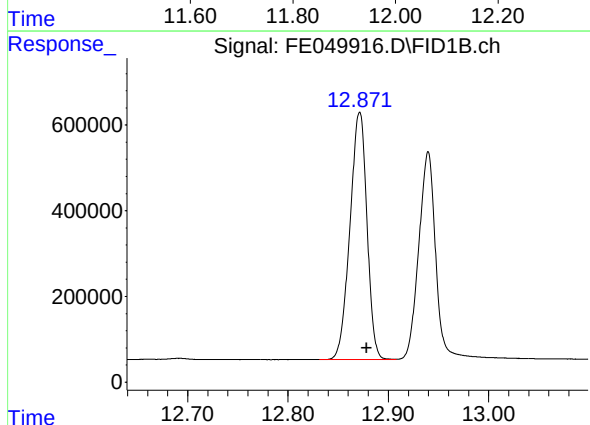
#9 ortho-Terphenyl (SURR)

R.T.: 11.881 min
Delta R.T.: -0.008 min
Response: 6090465
Conc: 37.66 ug/ml

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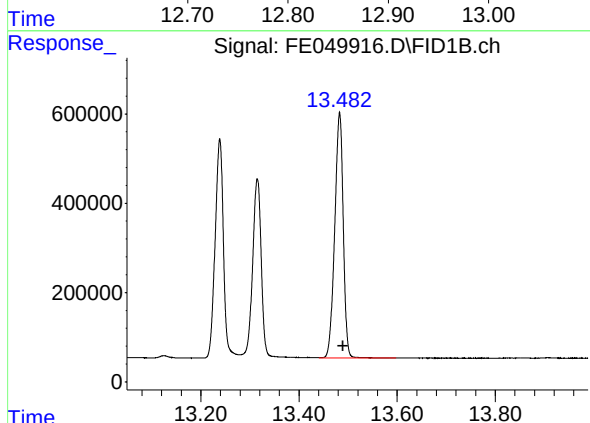
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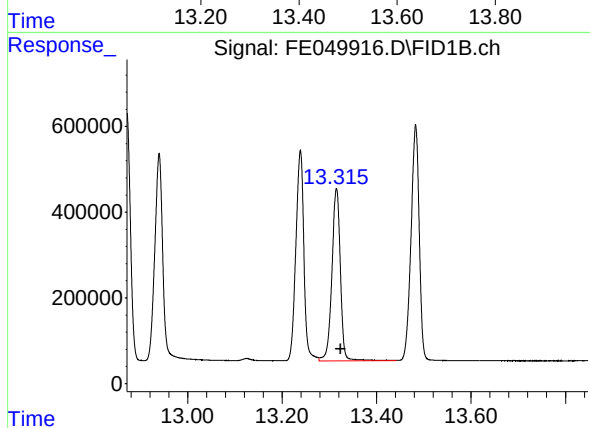
#10 n-Eicosane (C20)

R.T.: 12.871 min
Delta R.T.: -0.008 min
Response: 6803214
Conc: 45.57 ug/ml



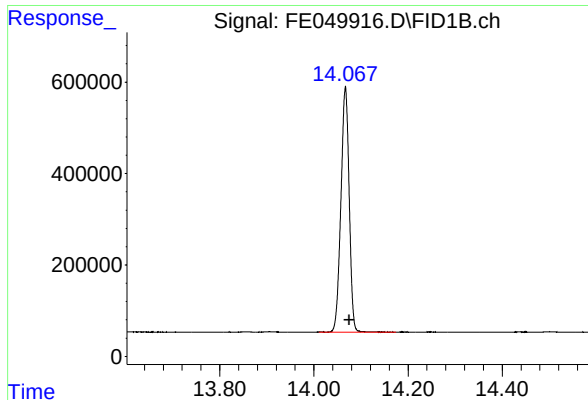
#11 n-Heneicosane (C21)

R.T.: 13.482 min
Delta R.T.: -0.008 min
Response: 6617865
Conc: 45.11 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.315 min
Delta R.T.: -0.009 min
Response: 5021960
Conc: 41.16 ug/ml



#13 n-Docosane (C22)

R.T.: 14.067 min
Delta R.T.: -0.008 min
Response: 6519633
Conc: 44.73 ug/ml

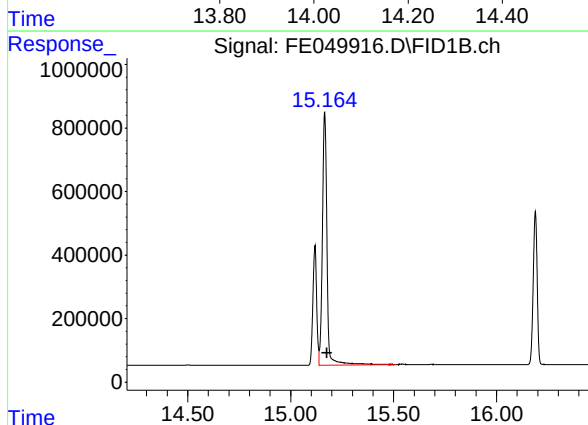
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ClientSampleId :
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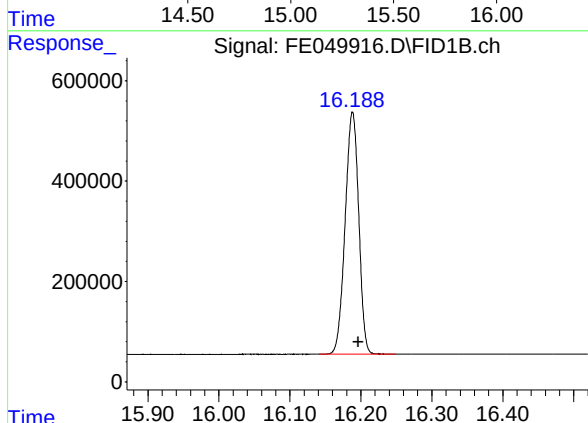
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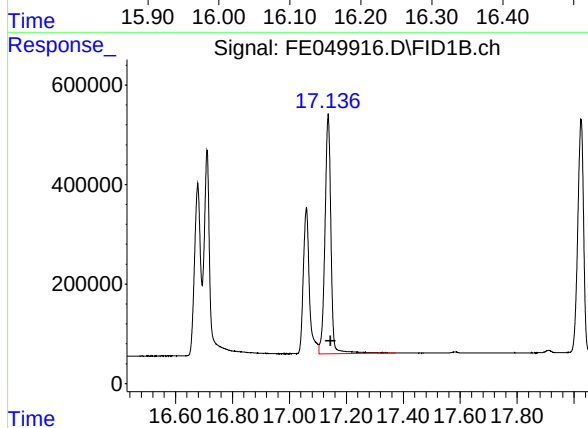
#14 n-Tetracosane (C24)

R.T.: 15.165 min
Delta R.T.: -0.012 min
Response: 12353792
Conc: 84.93 ug/ml



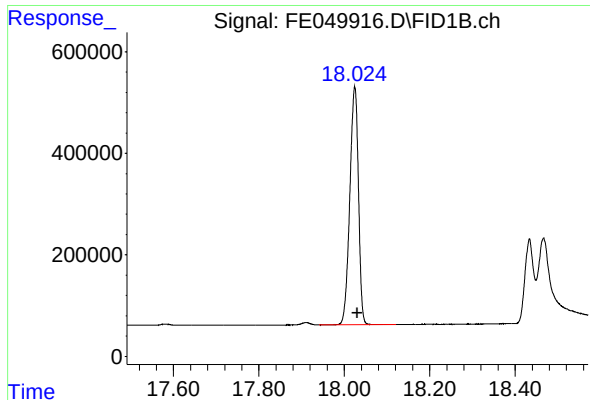
#15 n-Hexacosane (C26)

R.T.: 16.188 min
Delta R.T.: -0.009 min
Response: 6398534
Conc: 44.33 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.136 min
Delta R.T.: -0.009 min
Response: 7029677
Conc: 48.80 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.024 min
Delta R.T.: -0.007 min
Response: 6594799
Conc: 44.05 ug/ml

Instrument :

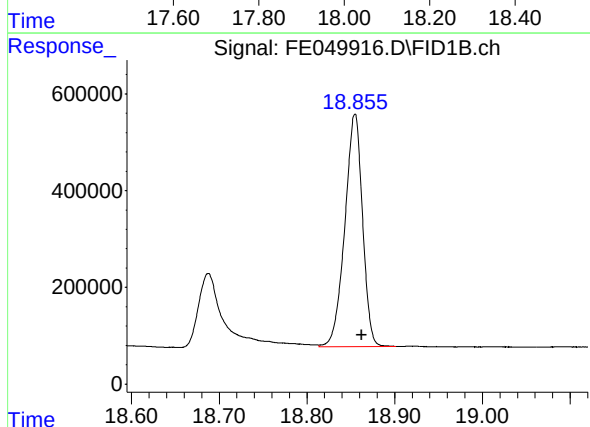
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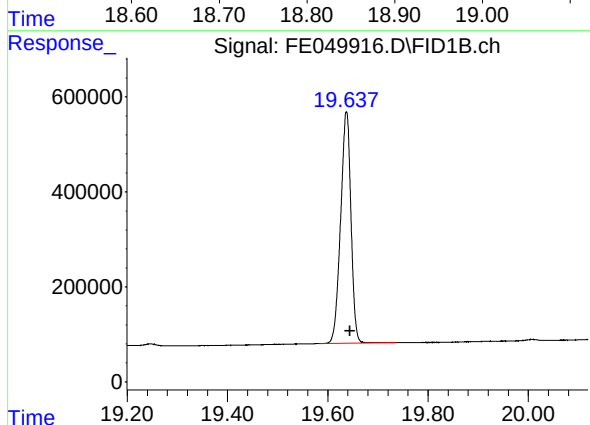
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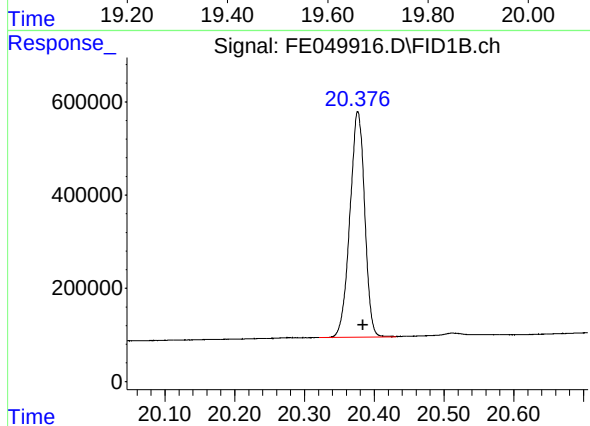
#18 n-Dotriacontane (C32)

R.T.: 18.855 min
Delta R.T.: -0.008 min
Response: 6749135
Conc: 44.61 ug/ml m



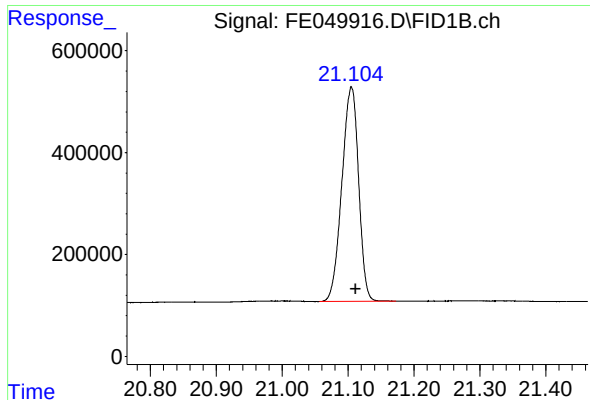
#19 n-Tetratriacontane (C34)

R.T.: 19.637 min
Delta R.T.: -0.008 min
Response: 6982974
Conc: 45.68 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.376 min
Delta R.T.: -0.008 min
Response: 7135960
Conc: 46.99 ug/ml m



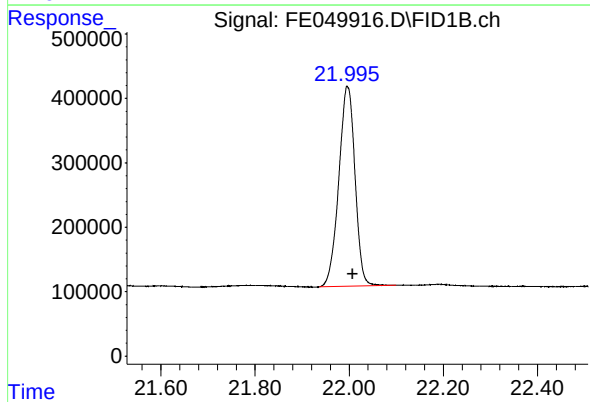
#21 n-Octatriacontane (C38)

R.T.: 21.104 min
Delta R.T.: -0.007 min
Response: 7427396
Conc: 47.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.996 min
Delta R.T.: -0.011 min
Response: 7417607
Conc: 48.58 ug/ml