

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090324AL\
 Data File : FE049900.D
 Signal(s) : FID1B.ch
 Acq On : 03 Sep 2024 18:15
 Operator : YP\AJ
 Sample : P3813-03MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TR-06-083024MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/04/2024
 Supervised By :Ankita Jodhani 09/04/2024

Integration File: autoint1.e
 Quant Time: Sep 04 01:33:28 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	5463034	33.783 ug/mlm
Spiked Amount 50.000		Recovery =	67.57%
12) S 1-chlorooctadecane (S...	13.315	4358624	35.725 ug/ml
Spiked Amount 50.000		Recovery =	71.45%
Target Compounds			
1) T n-Nonane (C9)	3.270	4290354	27.724 ug/ml
2) T n-Decane (C10)	4.521	4825892	30.565 ug/ml
3) T A~Naphthalene (C11.7)	6.227	5327145	33.200 ug/ml
4) T n-Dodecane (C12)	6.688	5623466	35.771 ug/ml
5) T A~2-methylnaphthalene...	7.324	5765312	38.498 ug/ml
6) T n-Tetradecane (C14)	8.517	6785298	43.952 ug/ml
7) T n-Hexadecane (C16)	10.123	7875151	50.423 ug/ml
8) T n-Octadecane (C18)	11.564	8044229	51.220 ug/ml
10) T n-Eicosane (C20)	12.872	7648355	51.226 ug/ml
11) T n-Heneicosane (C21)	13.483	7268786	49.550 ug/ml
13) T n-Docosane (C22)	14.068	6853608	47.022 ug/ml
14) T n-Tetracosane (C24)	15.165	11936111	82.054 ug/ml
15) T n-Hexacosane (C26)	16.191	6282211	43.528 ug/ml
16) T n-Octacosane (C28)	17.138	6846128	47.530 ug/ml
17) T n-Tricontane (C30)	18.026	6614481	44.184 ug/ml
18) T n-Dotriacontane (C32)	18.858	6534533	43.194 ug/ml
19) T n-Tetratriacontane (C34)	19.642	7089957	46.376 ug/ml
20) T n-Hexatriacontane (C36)	20.382	6864191	45.203 ug/ml
21) T n-Octatriacontane (C38)	21.110	7075893	45.083 ug/ml
22) T n-Tetracontane (C40)	22.004	6593639	43.186 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P3813-03MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

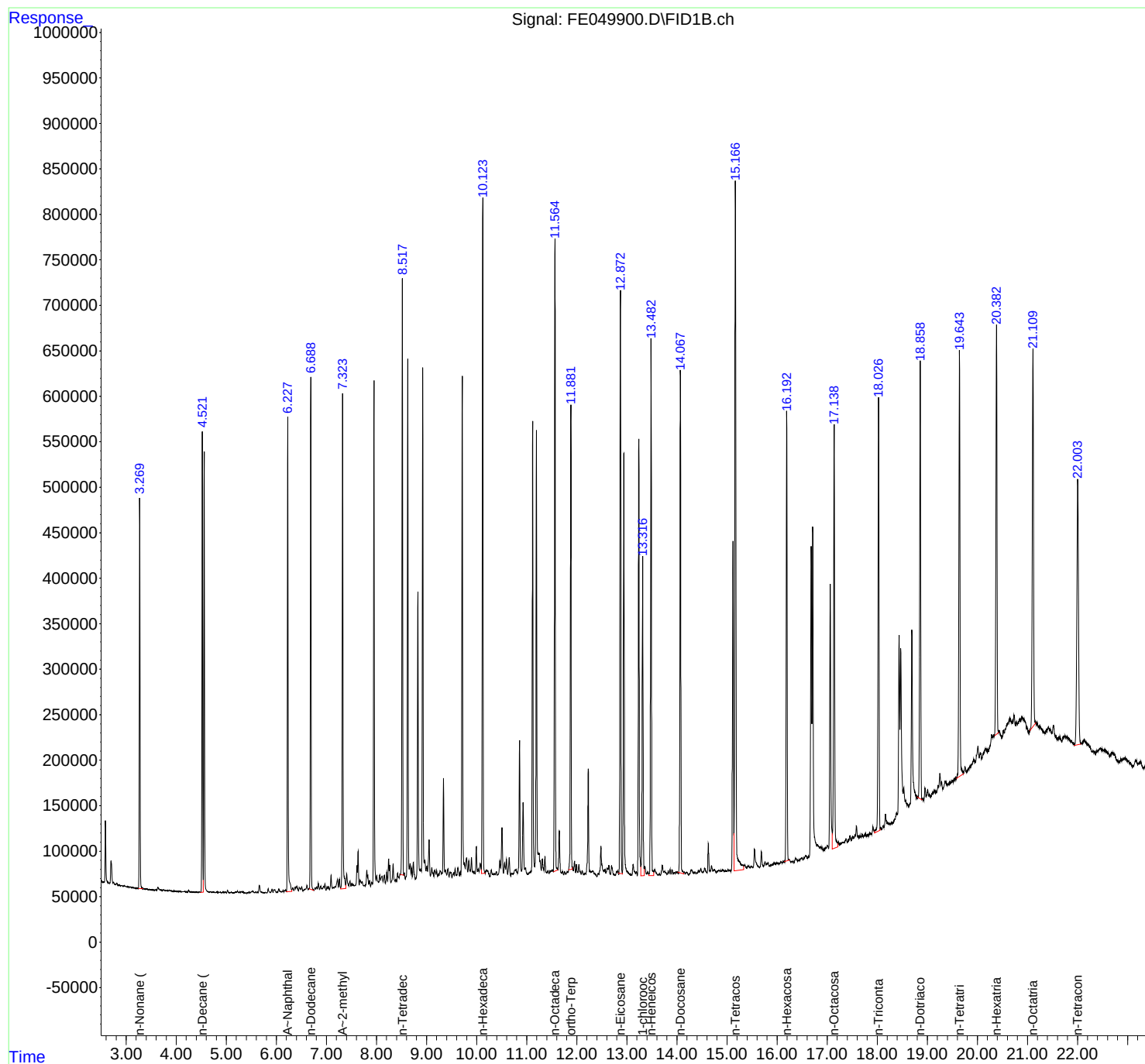
Instrument :
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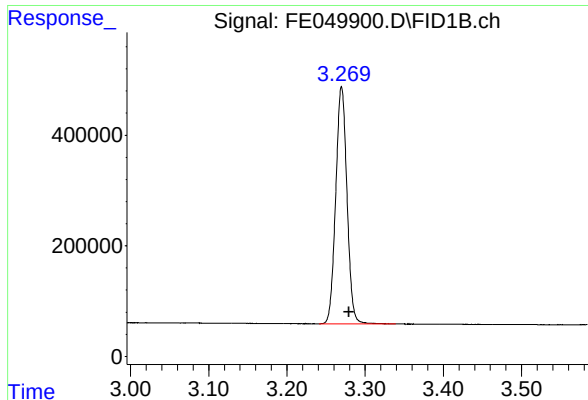
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.270 min
Delta R.T.: -0.009 min
Response: 4290354
Conc: 27.72 ug/ml

Instrument :

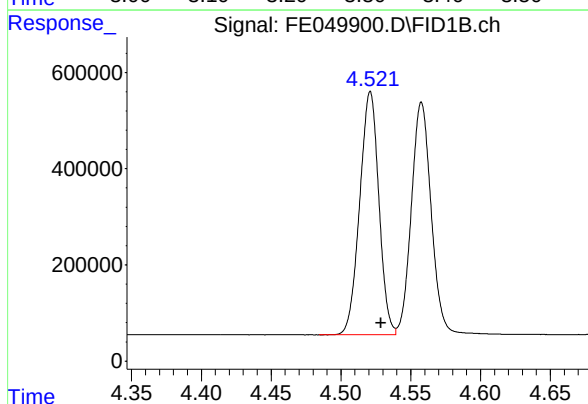
FID_E

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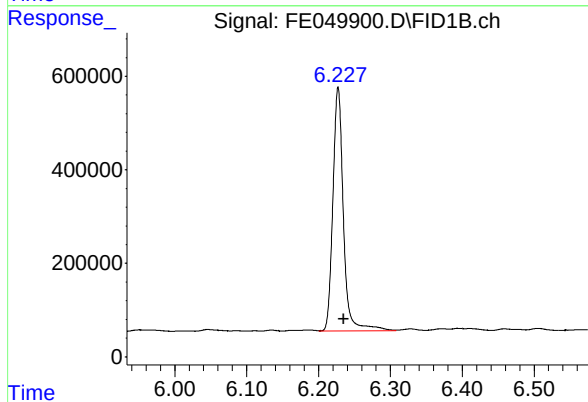
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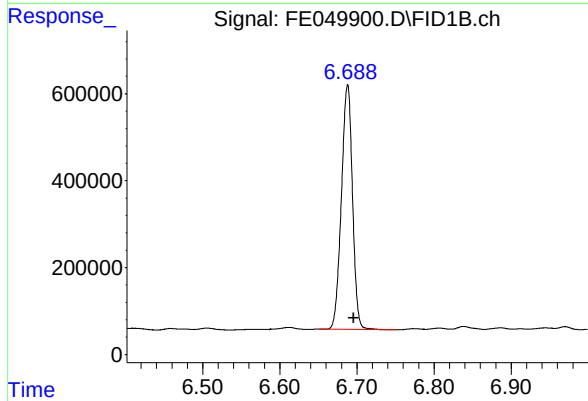
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: -0.008 min
Response: 4825892
Conc: 30.56 ug/ml



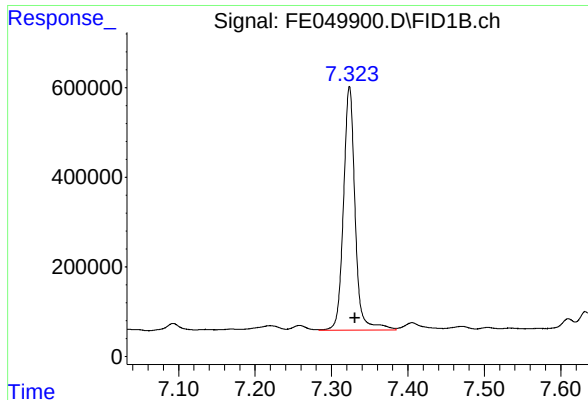
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min
Delta R.T.: -0.008 min
Response: 5327145
Conc: 33.20 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.688 min
Delta R.T.: -0.008 min
Response: 5623466
Conc: 35.77 ug/ml



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

R.T.: 7.324 min
Delta R.T.: -0.007 min
Response: 5765312
Conc: 38.50 ug/ml

Instrument :

FID_E

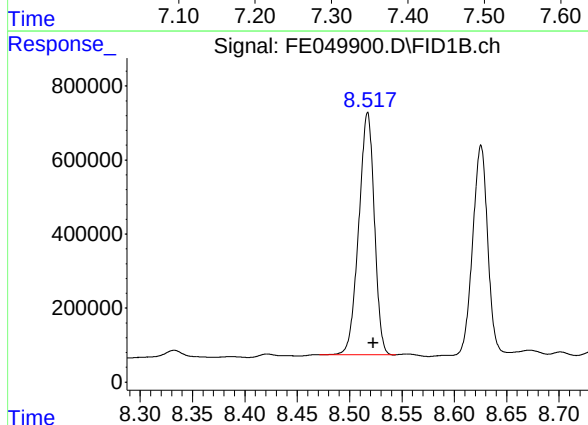
ClientSampleId :

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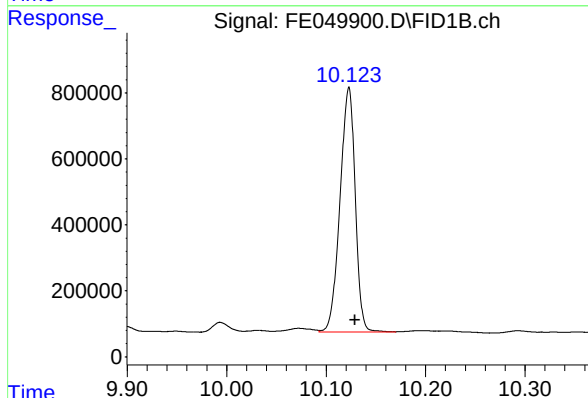
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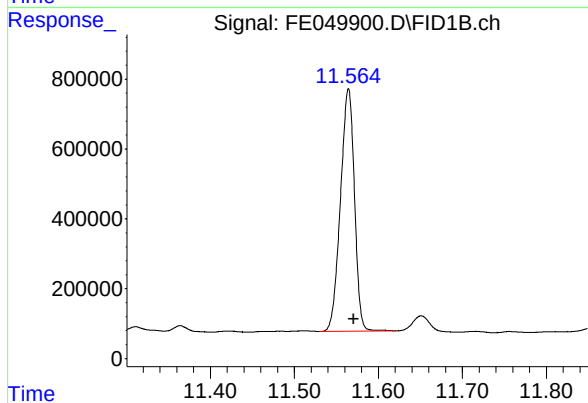
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: -0.005 min
Response: 6785298
Conc: 43.95 ug/ml



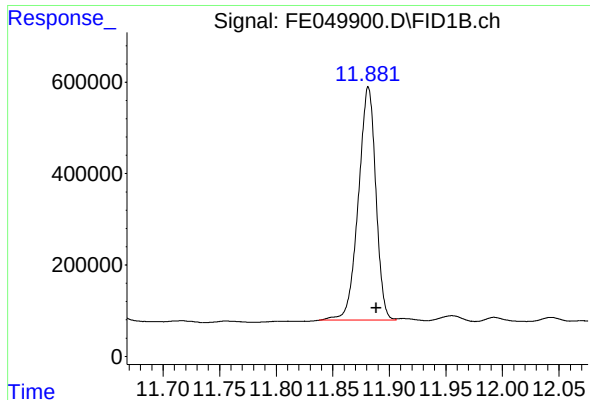
#7 n-Hexadecane (C16)

R.T.: 10.123 min
Delta R.T.: -0.006 min
Response: 7875151
Conc: 50.42 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.564 min
Delta R.T.: -0.006 min
Response: 8044229
Conc: 51.22 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.881 min
Delta R.T.: -0.007 min
Response: 5463034
Conc: 33.78 ug/ml

Instrument :

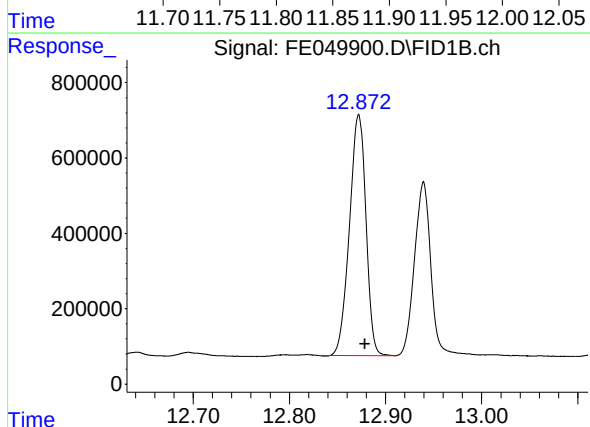
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ClientSampleId :

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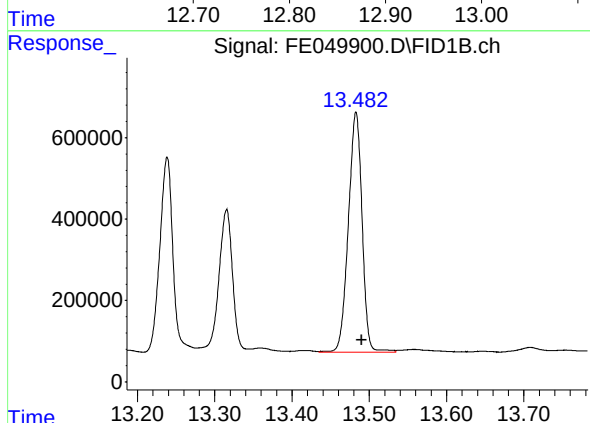
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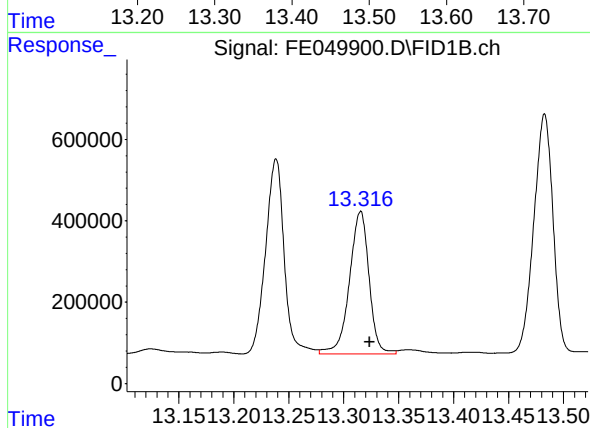
#10 n-Eicosane (C20)

R.T.: 12.872 min
Delta R.T.: -0.007 min
Response: 7648355
Conc: 51.23 ug/ml



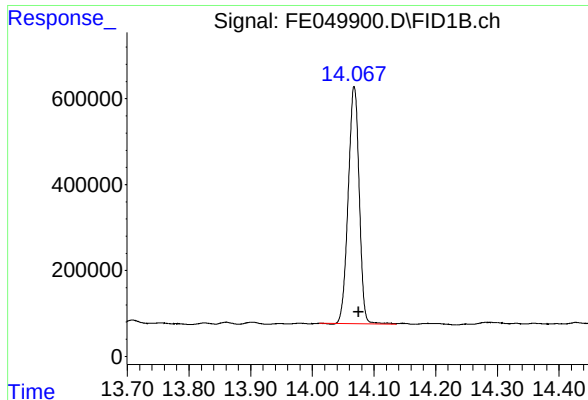
#11 n-Heneicosane (C21)

R.T.: 13.483 min
Delta R.T.: -0.007 min
Response: 7268786
Conc: 49.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.315 min
Delta R.T.: -0.008 min
Response: 4358624
Conc: 35.72 ug/ml



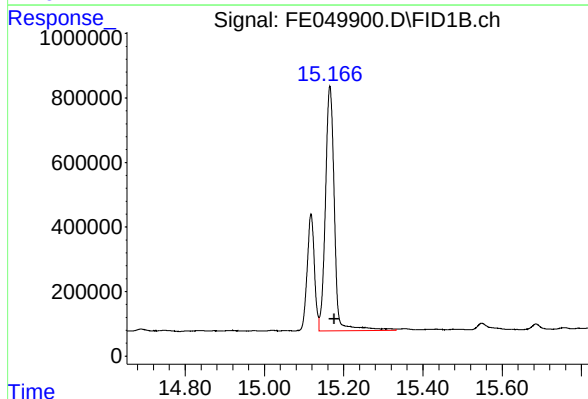
#13 n-Docosane (C22)

R.T.: 14.068 min
Delta R.T.: -0.007 min
Response: 6853608
Conc: 47.02 ug/ml

Instrument :
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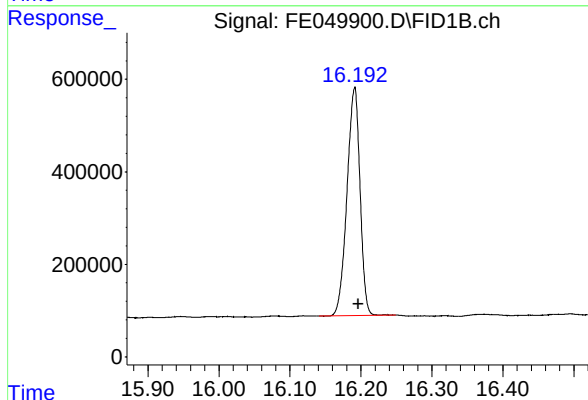
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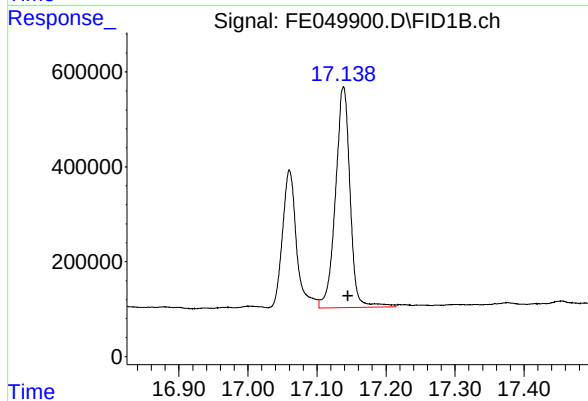
#14 n-Tetracosane (C24)

R.T.: 15.165 min
Delta R.T.: -0.012 min
Response: 11936111
Conc: 82.05 ug/ml



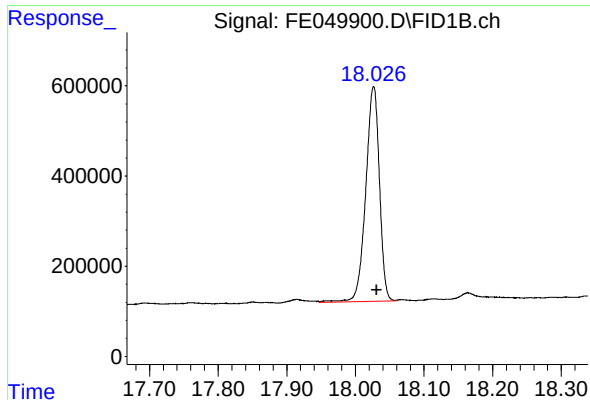
#15 n-Hexacosane (C26)

R.T.: 16.191 min
Delta R.T.: -0.006 min
Response: 6282211
Conc: 43.53 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.138 min
Delta R.T.: -0.007 min
Response: 6846128
Conc: 47.53 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.026 min
Delta R.T.: -0.005 min
Response: 6614481
Conc: 44.18 ug/ml

Instrument :

FID_E

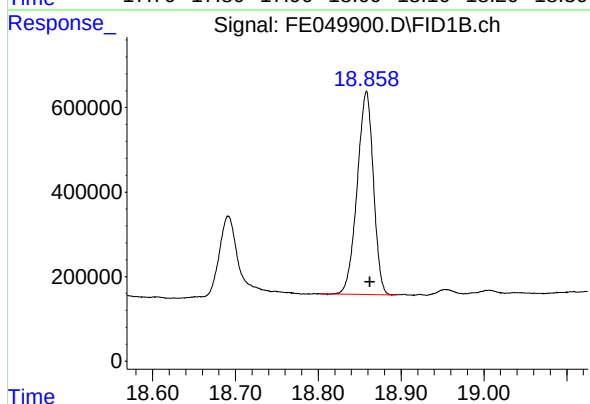
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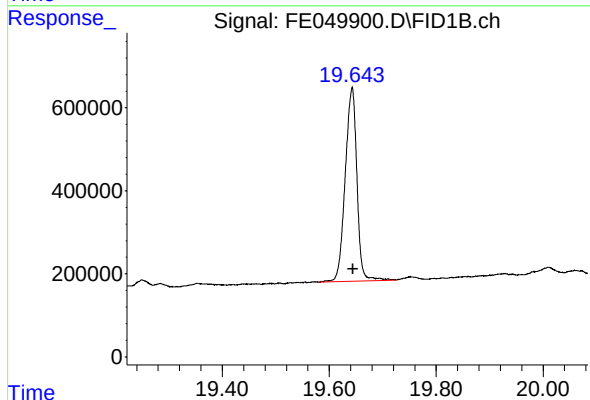
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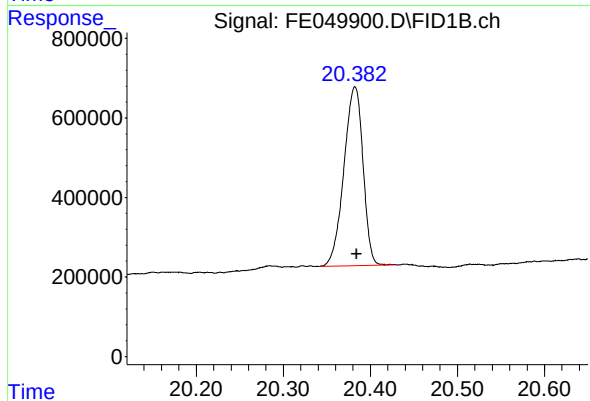
#18 n-Dotriacontane (C32)

R.T.: 18.858 min
Delta R.T.: -0.005 min
Response: 6534533
Conc: 43.19 ug/ml



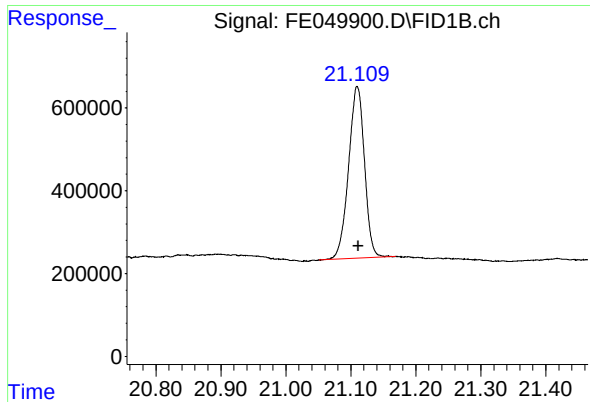
#19 n-Tetratriacontane (C34)

R.T.: 19.642 min
Delta R.T.: -0.002 min
Response: 7089957
Conc: 46.38 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.382 min
Delta R.T.: -0.002 min
Response: 6864191
Conc: 45.20 ug/ml



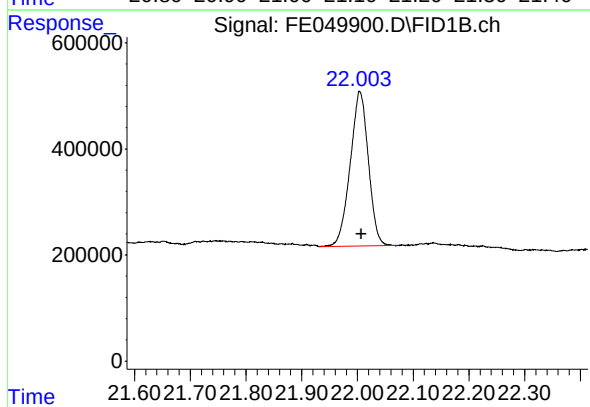
#21 n-Octatriacontane (C38)

R.T.: 21.110 min
Delta R.T.: -0.002 min
Response: 7075893
Conc: 45.08 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 22.004 min
Delta R.T.: -0.003 min
Response: 6593639
Conc: 43.19 ug/ml