

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041723AL\
 Data File : FE041394.D
 Signal(s) : FID1B.ch
 Acq On : 17 Apr 2023 21:41
 Operator : YP\AJ
 Sample : 02370-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HR-04-041423MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/18/2023
 Supervised By :Ankita Jodhani 04/18/2023

Integration File: autoint1.e
 Quant Time: Apr 18 01:03:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.843	5803322	30.879 ug/ml
Spiked Amount 50.000		Recovery =	61.76%
12) S 1-chlorooctadecane (S...	13.301	79939456	555.599 ug/ml
Spiked Amount 50.000		Recovery =	1111.20%
Target Compounds			
1) T n-Nonane (C9)	3.239	5370030	30.949 ug/ml
2) T n-Decane (C10)	4.487	6302615	37.027 ug/mlm
3) T A~Naphthalene (C11.7)	6.188	7333744	40.095 ug/ml
4) T n-Dodecane (C12)	6.651	7575633	43.673 ug/ml
5) T A~2-methylnaphthalene...	7.285	7440566	44.927 ug/ml
6) T n-Tetradecane (C14)	8.480	8063597	46.245 ug/mlm
7) T n-Hexadecane (C16)	10.087	8803018	49.496 ug/ml
8) T n-Octadecane (C18)	11.530	8607192	48.205 ug/ml
10) T n-Eicosane (C20)	12.841	8434130	49.446 ug/ml
11) T n-Heneicosane (C21)	13.458	8072417	47.714 ug/ml
13) T n-Docosane (C22)	14.042	7834967	47.345 ug/ml
14) T n-Tetracosane (C24)	15.143	15116949	93.438 ug/ml
15) T n-Hexacosane (C26)	16.169	7207159	46.493 ug/ml
16) T n-Octacosane (C28)	17.120	7278481	47.516 ug/ml
17) T n-Tricontane (C30)	18.013	7250912	47.436 ug/ml
18) T n-Dotriacontane (C32)	18.846	7191212	46.060 ug/ml
19) T n-Tetratriacontane (C34)	19.633	7045166	45.462 ug/ml
20) T n-Hexatriacontane (C36)	20.376	7189123	47.328 ug/mlm
21) T n-Octatriacontane (C38)	21.107	7053147	45.149 ug/ml
22) T n-Tetracontane (C40)	21.994	7144807	44.766 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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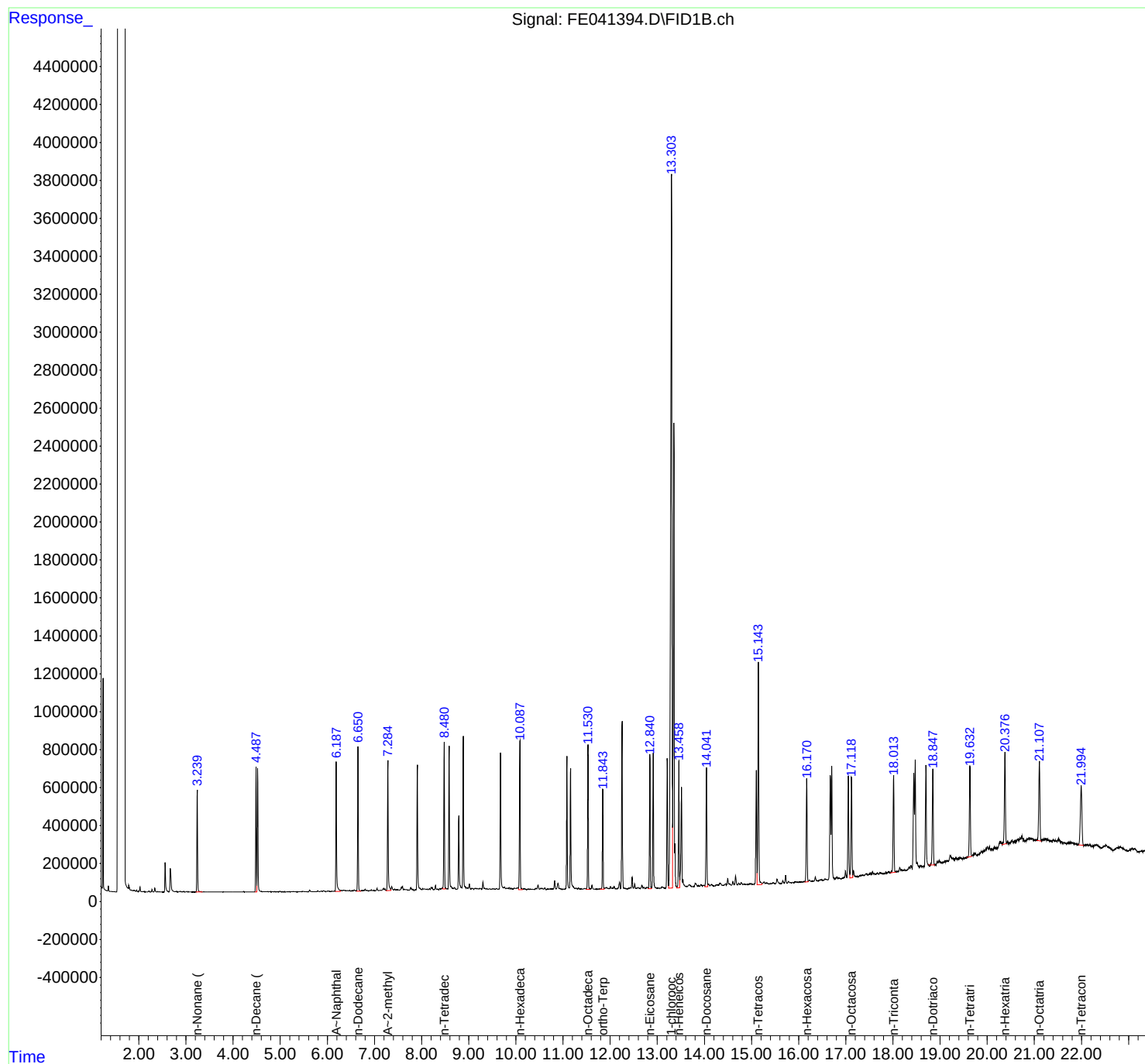
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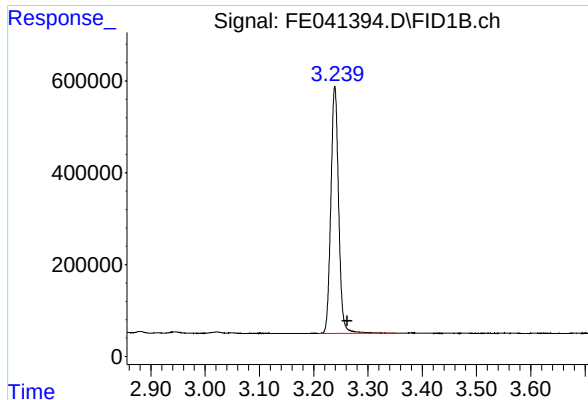
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#1 n-Nonane (C9)

R.T.: 3.239 min
Delta R.T.: -0.023 min
Response: 5370030
Conc: 30.95 ug/ml

Instrument :

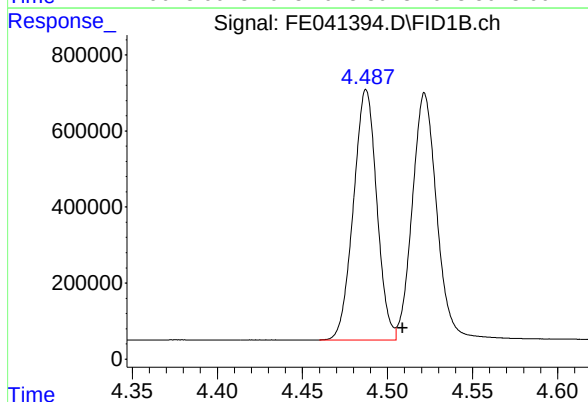
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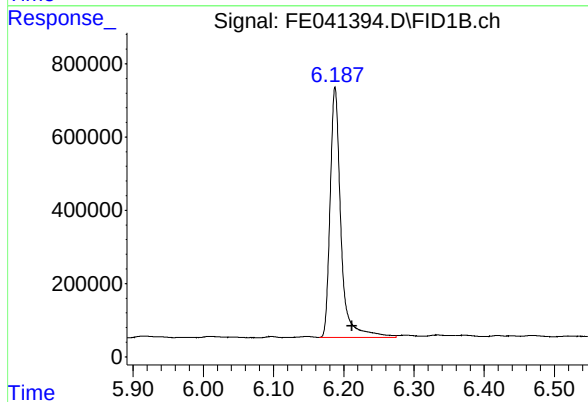
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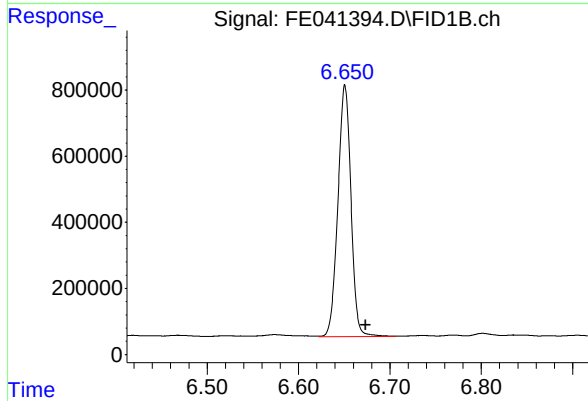
#2 n-Decane (C10)

R.T.: 4.487 min
Delta R.T.: -0.022 min
Response: 6302615
Conc: 37.03 ug/ml m



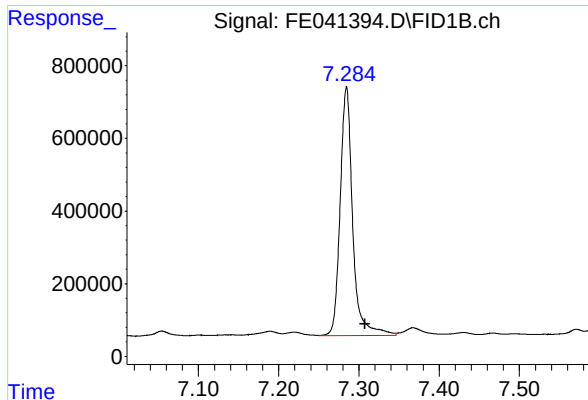
#3 A~Naphthalene (C11.7)

R.T.: 6.188 min
Delta R.T.: -0.024 min
Response: 7333744
Conc: 40.09 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.651 min
Delta R.T.: -0.023 min
Response: 7575633
Conc: 43.67 ug/ml



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

R.T.: 7.285 min
Delta R.T.: -0.023 min
Response: 7440566
Conc: 44.93 ug/ml

Instrument :

FID_E

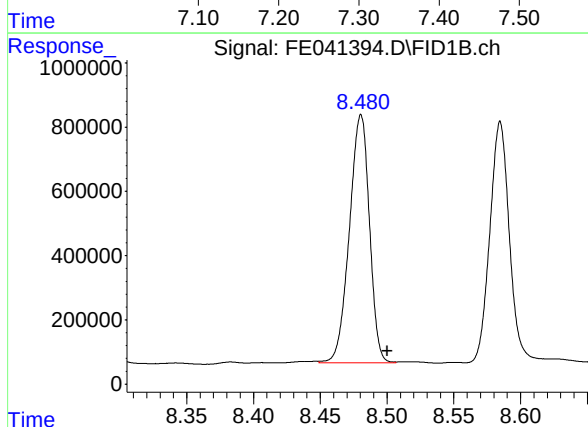
ClientSampleId :

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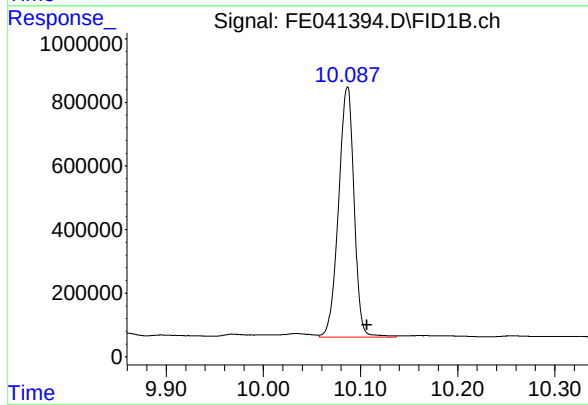
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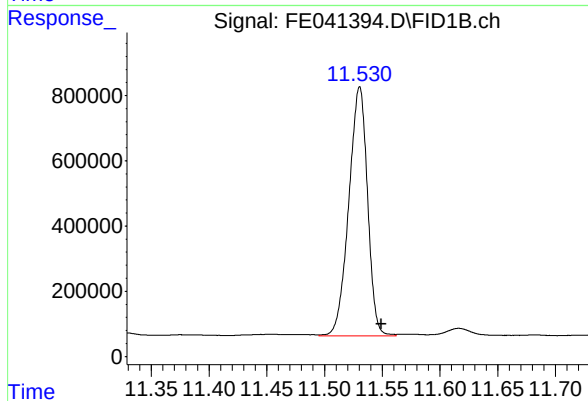
#6 n-Tetradecane (C14)

R.T.: 8.480 min
Delta R.T.: -0.020 min
Response: 8063597
Conc: 46.25 ug/ml



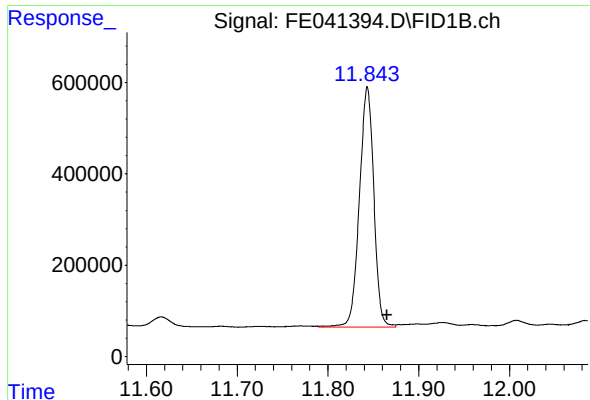
#7 n-Hexadecane (C16)

R.T.: 10.087 min
Delta R.T.: -0.020 min
Response: 8803018
Conc: 49.50 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.530 min
Delta R.T.: -0.019 min
Response: 8607192
Conc: 48.21 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.843 min
Delta R.T.: -0.022 min
Response: 5803322
Conc: 30.88 ug/ml

Instrument :

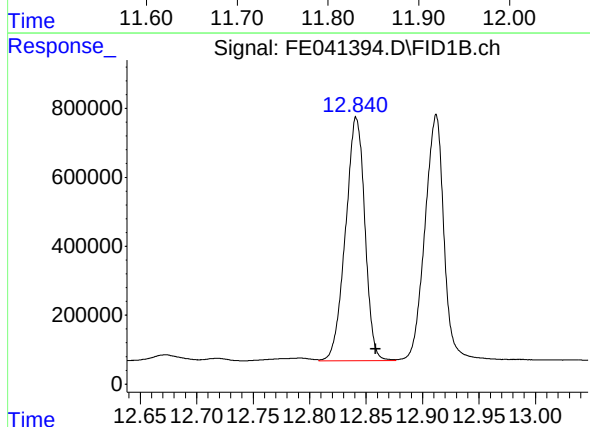
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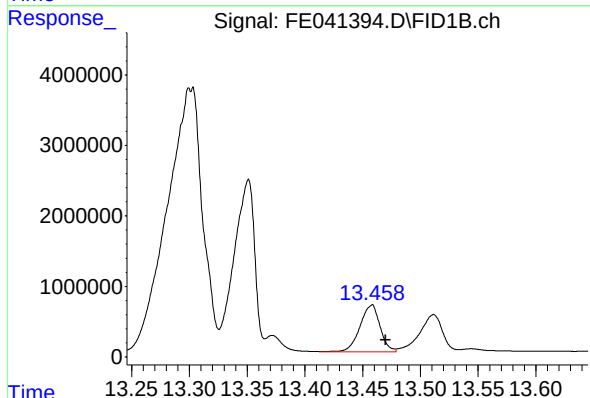
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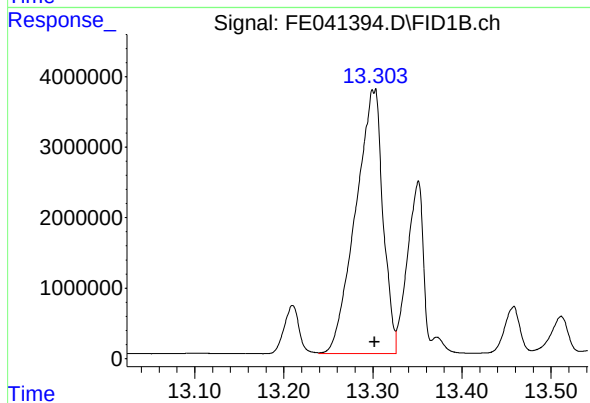
#10 n-Eicosane (C20)

R.T.: 12.841 min
Delta R.T.: -0.017 min
Response: 8434130
Conc: 49.45 ug/ml



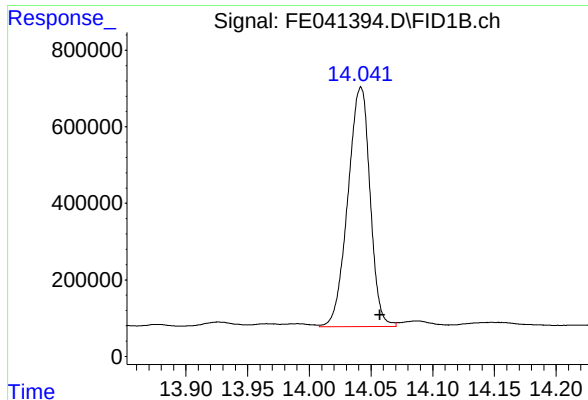
#11 n-Heneicosane (C21)

R.T.: 13.458 min
Delta R.T.: -0.012 min
Response: 8072417
Conc: 47.71 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.301 min
Delta R.T.: 0.000 min
Response: 79939456
Conc: 555.60 ug/ml



#13 n-Docosane (C22)

R.T.: 14.042 min
Delta R.T.: -0.015 min
Response: 7834967
Conc: 47.35 ug/ml

Instrument :

FID_E

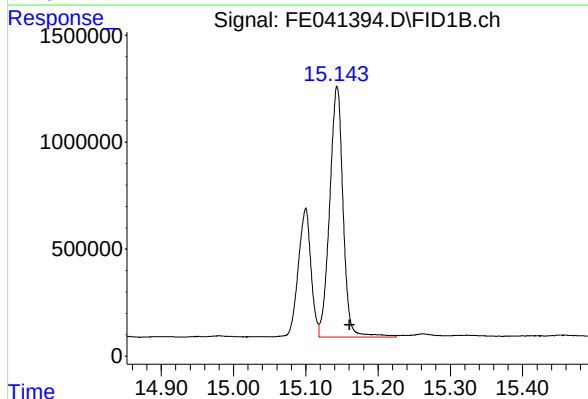
ClientSampleId :

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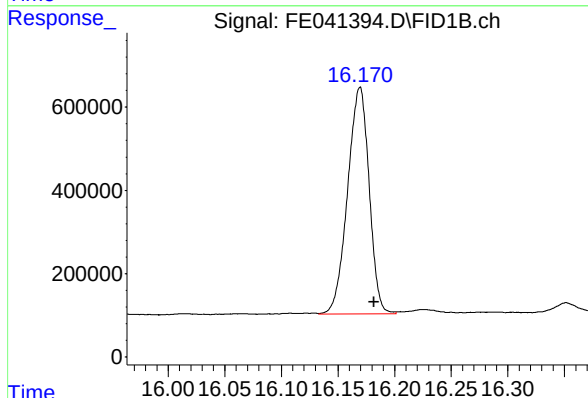
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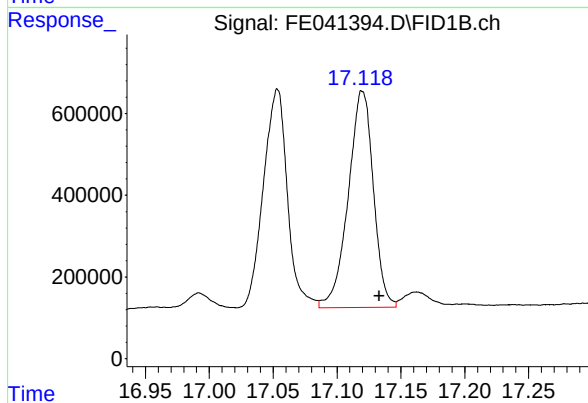
#14 n-Tetracosane (C24)

R.T.: 15.143 min
Delta R.T.: -0.017 min
Response: 15116949
Conc: 93.44 ug/ml



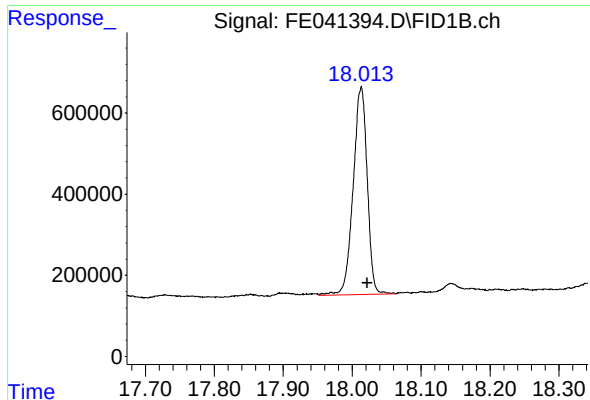
#15 n-Hexacosane (C26)

R.T.: 16.169 min
Delta R.T.: -0.013 min
Response: 7207159
Conc: 46.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.120 min
Delta R.T.: -0.013 min
Response: 7278481
Conc: 47.52 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.013 min
Delta R.T.: -0.009 min
Response: 7250912
Conc: 47.44 ug/ml

Instrument :

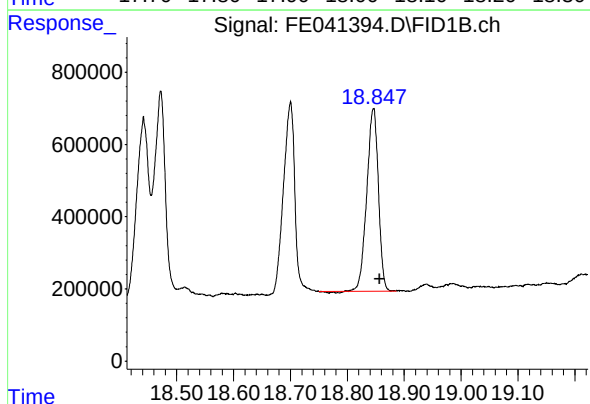
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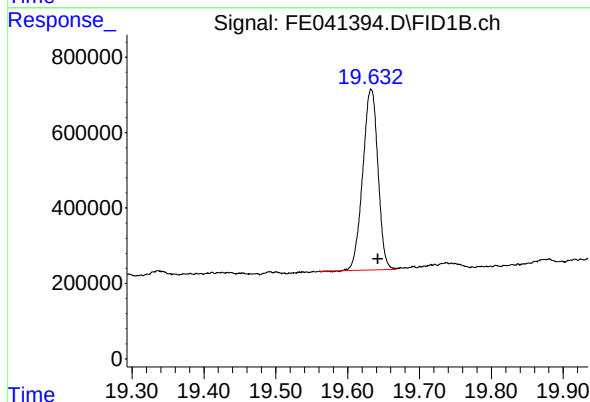
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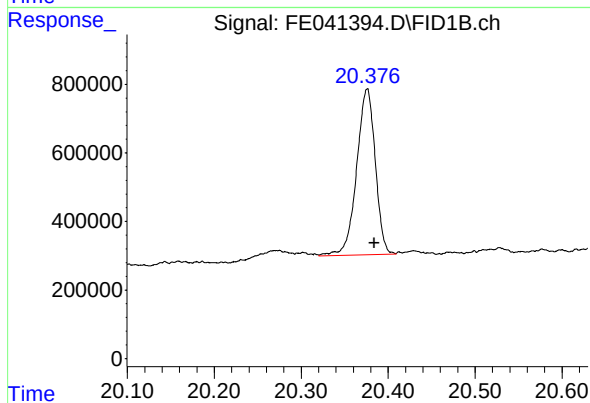
#18 n-Dotriacontane (C32)

R.T.: 18.846 min
Delta R.T.: -0.011 min
Response: 7191212
Conc: 46.06 ug/ml



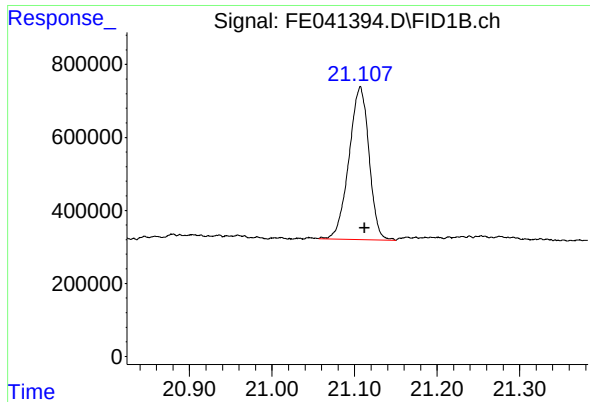
#19 n-Tetratriacontane (C34)

R.T.: 19.633 min
Delta R.T.: -0.010 min
Response: 7045166
Conc: 45.46 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.376 min
Delta R.T.: -0.008 min
Response: 7189123
Conc: 47.33 ug/ml m



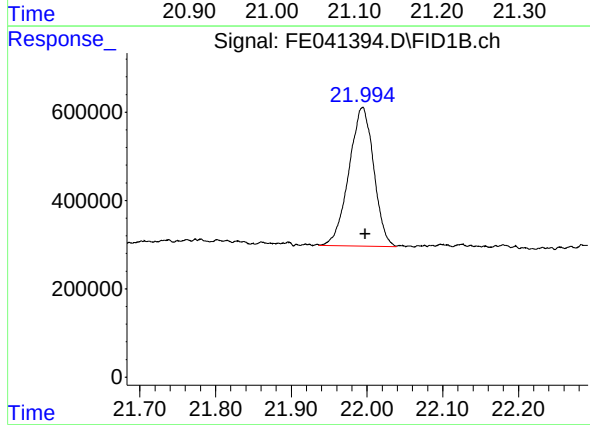
#21 n-Octatriacontane (C38)

R.T.: 21.107 min
Delta R.T.: -0.005 min
Response: 7053147
Conc: 45.15 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.994 min
Delta R.T.: -0.004 min
Response: 7144807
Conc: 44.77 ug/ml m