

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081023AL\
 Data File : FE043864.D
 Signal(s) : FID1B.ch
 Acq On : 10 Aug 2023 22:22
 Operator : YP\AJ
 Sample : 03952-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OK-1-080923MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/11/2023
 Supervised By :Ankita Jodhani 08/11/2023

Integration File: autoint1.e
 Quant Time: Aug 10 23:59:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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)	11.947	6971759	33.831 ug/ml
Spiked Amount 50.000		Recovery =	67.66%
12) S 1-chlorooctadecane (S...	13.386	6187510	39.651 ug/ml
Spiked Amount 50.000		Recovery =	79.30%
Target Compounds			
1) T n-Nonane (C9)	3.330	4734534	29.319 ug/ml
2) T n-Decane (C10)	4.584	5474272	33.215 ug/ml
3) T A~Naphthalene (C11.7)	6.283	6399253	35.147 ug/ml
4) T n-Dodecane (C12)	6.747	6164828	36.835 ug/ml
5) T A~2-methylnaphthalene...	7.379	6651983	37.365 ug/ml
6) T n-Tetradecane (C14)	8.576	6721853	39.896 ug/ml
7) T n-Hexadecane (C16)	10.184	7452561	42.248 ug/ml
8) T n-Octadecane (C18)	11.630	7422571	40.975 ug/ml
10) T n-Eicosane (C20)	12.942	7772705	43.922 ug/ml
11) T n-Heneicosane (C21)	13.555	7351300	41.518 ug/ml
13) T n-Docosane (C22)	14.142	7449084	42.469 ug/ml
14) T n-Tetracosane (C24)	15.246	5450892	31.024 ug/mlm
15) T n-Hexacosane (C26)	16.272	6770329	39.172 ug/ml
16) T n-Octacosane (C28)	17.223	7286784	43.550 ug/ml
17) T n-Tricontane (C30)	18.115	6905160	41.691 ug/ml
18) T n-Dotriacontane (C32)	18.951	6407108	40.579 ug/ml
19) T n-Tetratriacontane (C34)	19.739	6966489	46.881 ug/mlm
20) T n-Hexatriacontane (C36)	20.481	5420638	38.780 ug/mlm
21) T n-Octatriacontane (C38)	21.233	5528833	41.444 ug/mlm
22) T n-Tetracontane (C40)	22.167	6100261	47.279 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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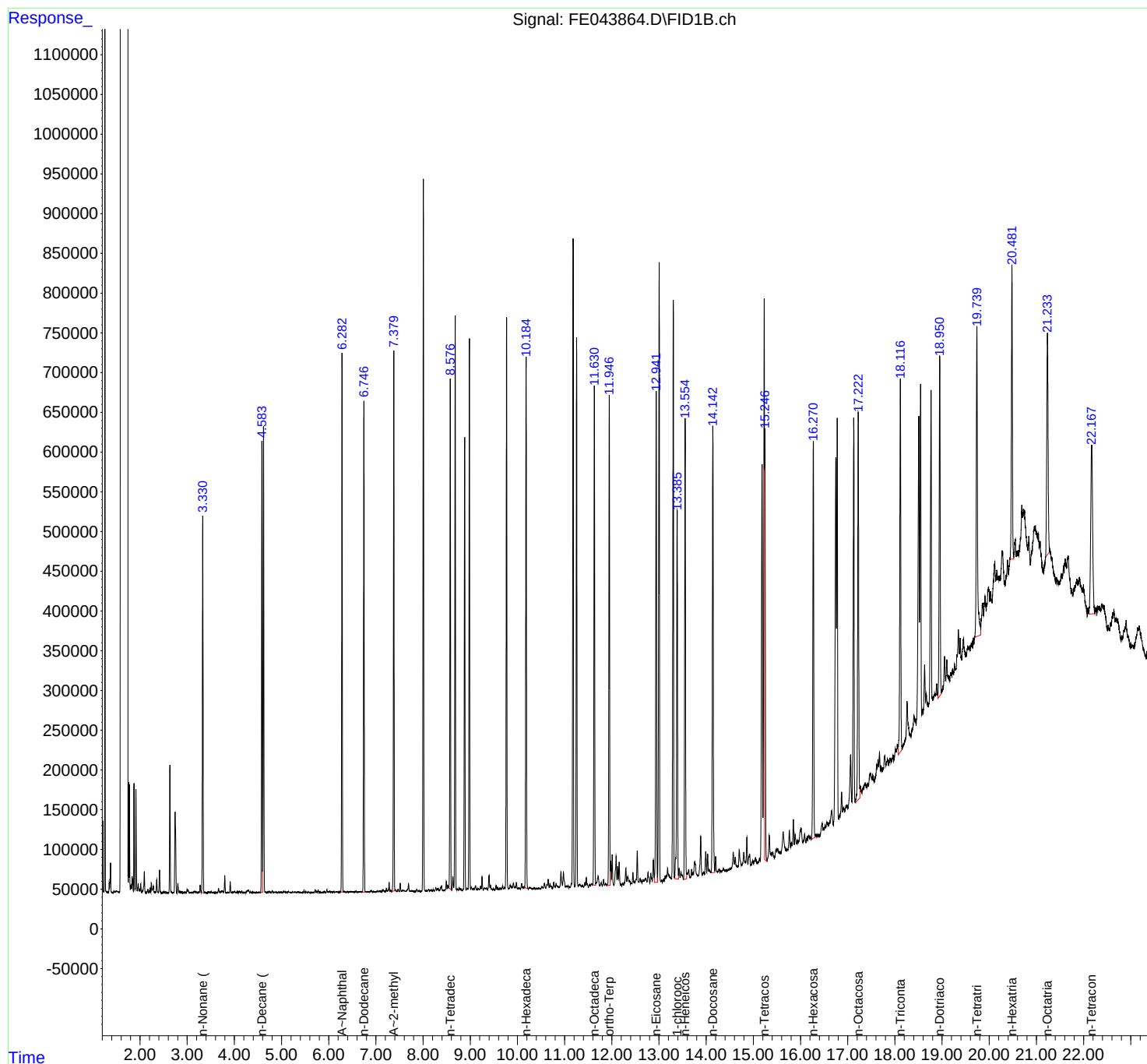
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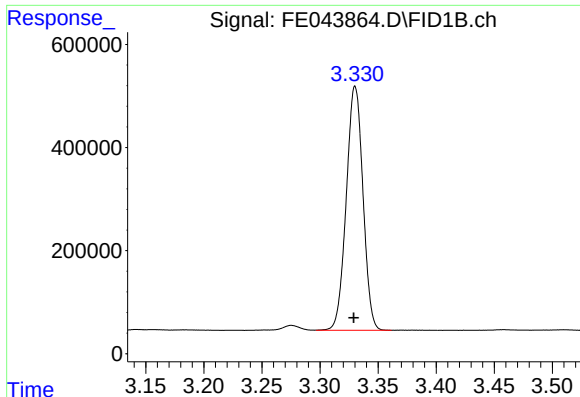
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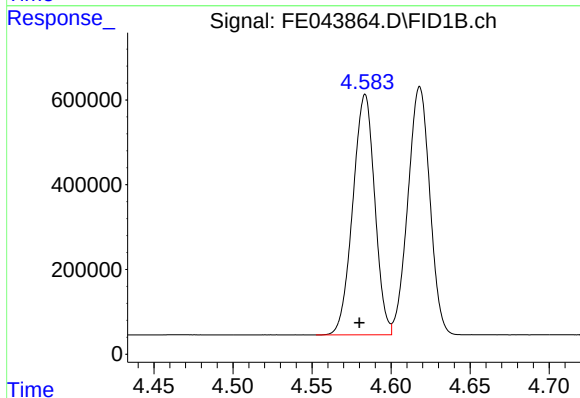
#1 n-Nonane (C9)

R.T.: 3.330 min
Delta R.T.: 0.001 min
Response: 4734534
Conc: 29.32 ug/ml

Instrument :
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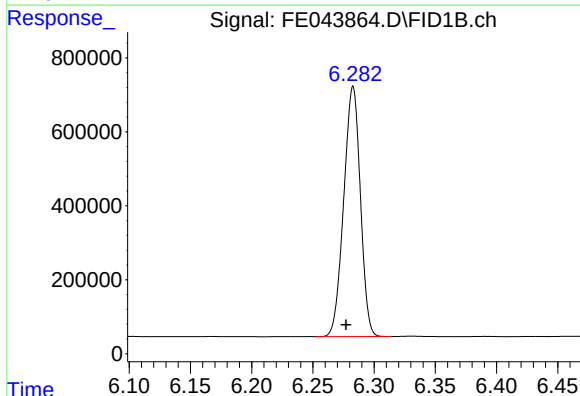
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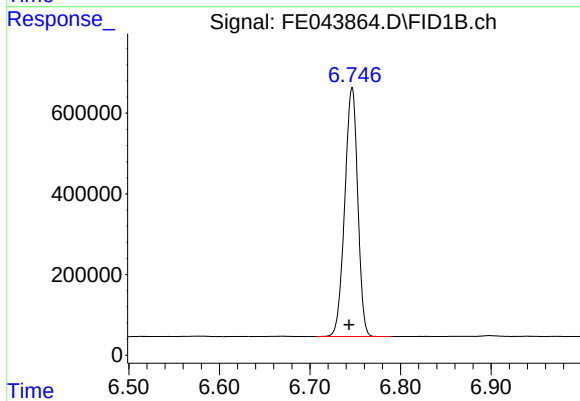
#2 n-Decane (C10)

R.T.: 4.584 min
Delta R.T.: 0.004 min
Response: 5474272
Conc: 33.21 ug/ml



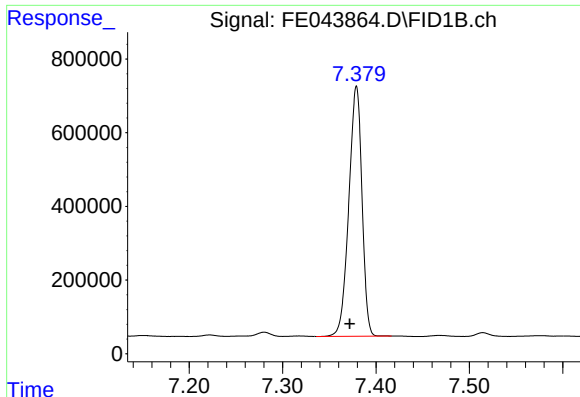
#3 A~Naphthalene (C11.7)

R.T.: 6.283 min
Delta R.T.: 0.006 min
Response: 6399253
Conc: 35.15 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.747 min
Delta R.T.: 0.003 min
Response: 6164828
Conc: 36.84 ug/ml



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

R.T.: 7.379 min
Delta R.T.: 0.007 min
Response: 6651983
Conc: 37.36 ug/ml

Instrument :

FID_E

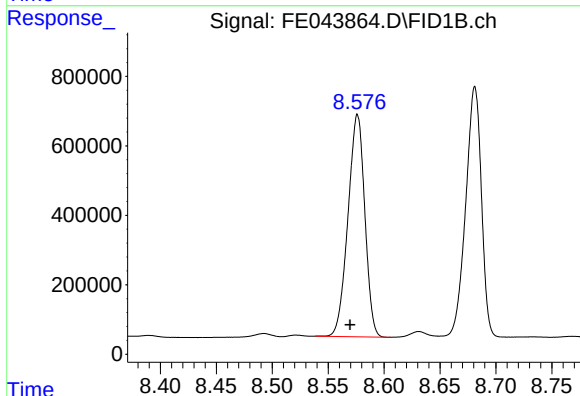
ClientSampleId :

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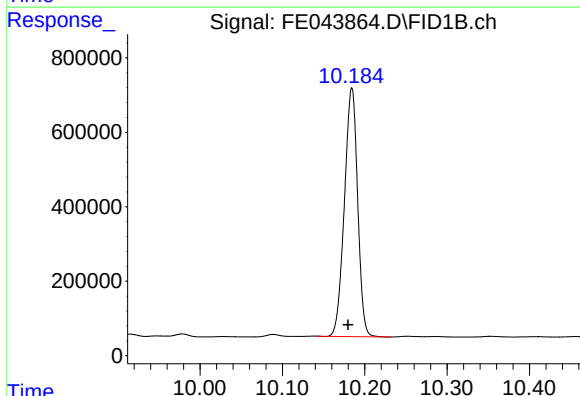
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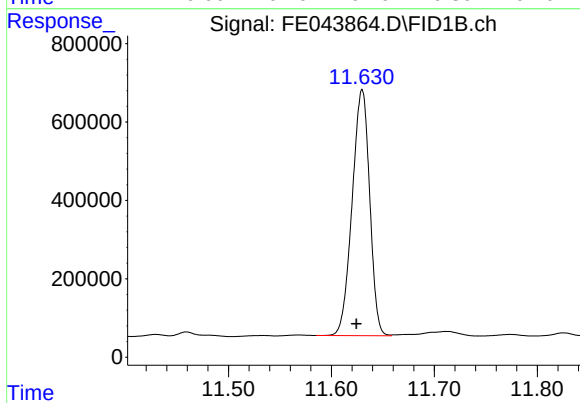
#6 n-Tetradecane (C14)

R.T.: 8.576 min
Delta R.T.: 0.007 min
Response: 6721853
Conc: 39.90 ug/ml



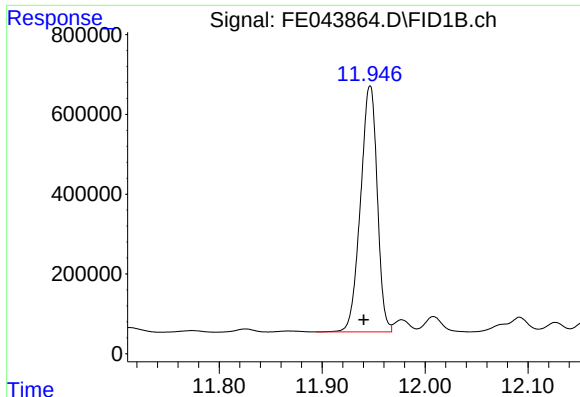
#7 n-Hexadecane (C16)

R.T.: 10.184 min
Delta R.T.: 0.005 min
Response: 7452561
Conc: 42.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.630 min
Delta R.T.: 0.006 min
Response: 7422571
Conc: 40.98 ug/ml



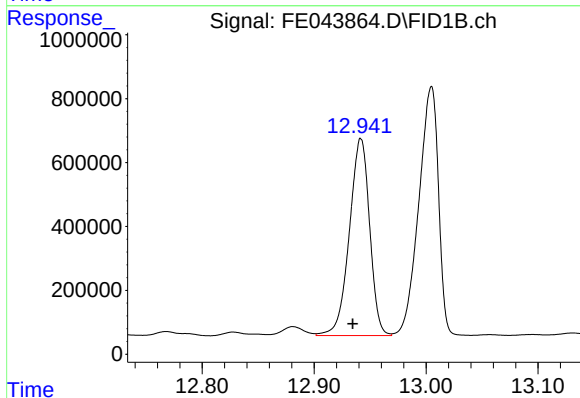
#9 ortho-Terphenyl (SURR)

R.T.: 11.947 min
Delta R.T.: 0.006 min
Response: 6971759
Conc: 33.83 ug/ml

Instrument :
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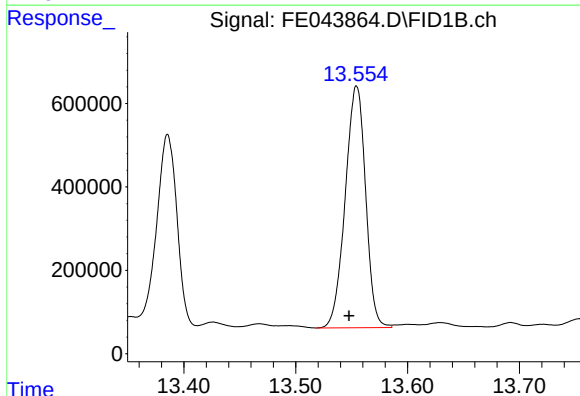
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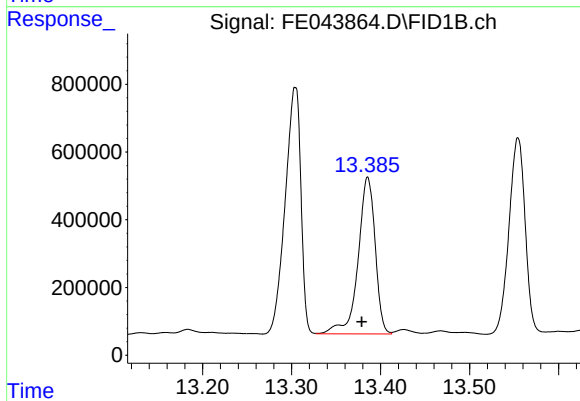
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: 0.007 min
Response: 7772705
Conc: 43.92 ug/ml



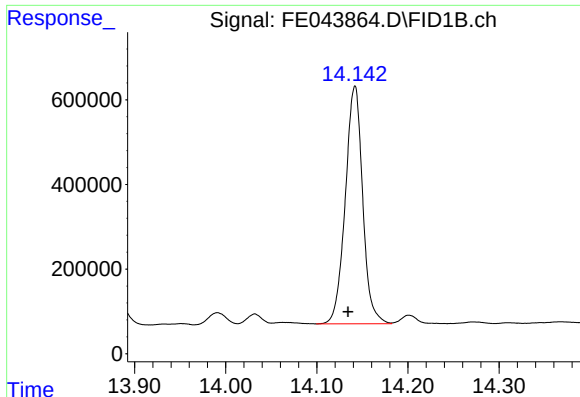
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: 0.007 min
Response: 7351300
Conc: 41.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.386 min
Delta R.T.: 0.006 min
Response: 6187510
Conc: 39.65 ug/ml



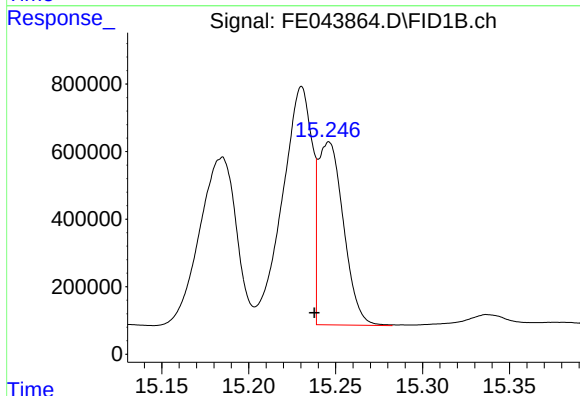
#13 n-Docosane (C22)

R.T.: 14.142 min
Delta R.T.: 0.008 min
Response: 7449084
Conc: 42.47 ug/ml

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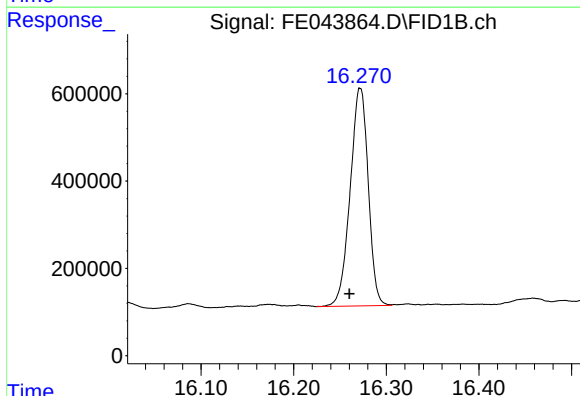
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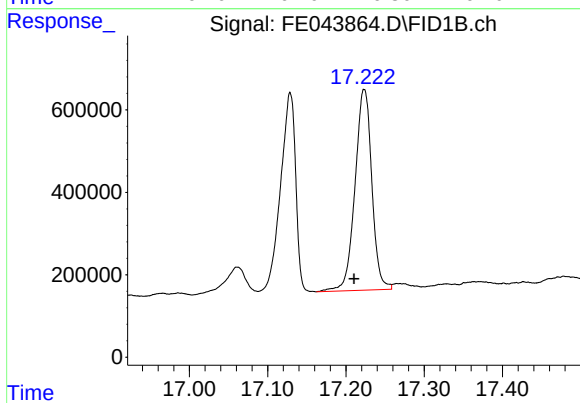
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: 0.008 min
Response: 5450892
Conc: 31.02 ug/ml m



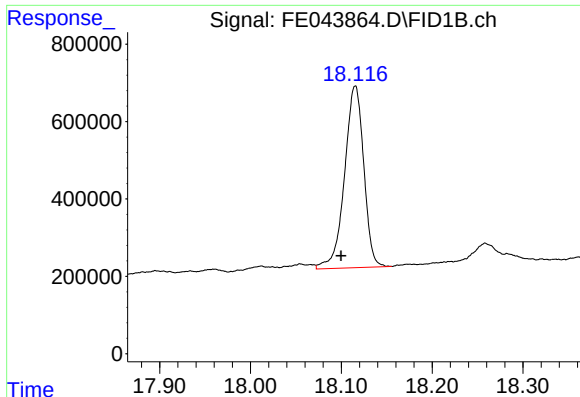
#15 n-Hexacosane (C26)

R.T.: 16.272 min
Delta R.T.: 0.012 min
Response: 6770329
Conc: 39.17 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.223 min
Delta R.T.: 0.013 min
Response: 7286784
Conc: 43.55 ug/ml



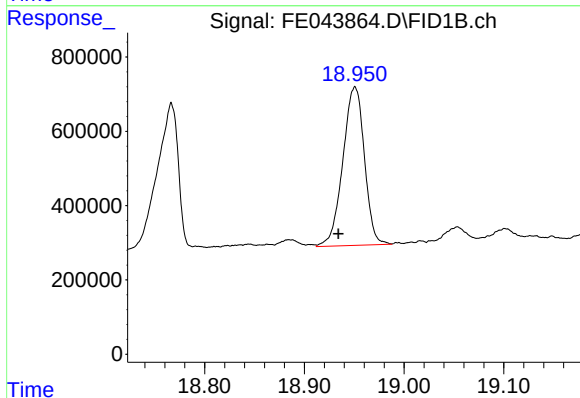
#17 n-Tricontane (C30)

R.T.: 18.115 min
Delta R.T.: 0.016 min
Response: 6905160
Conc: 41.69 ug/ml

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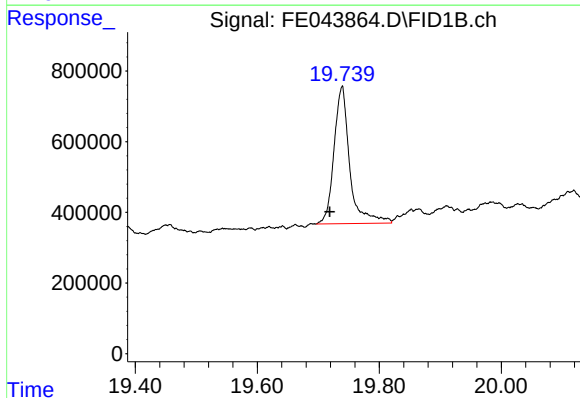
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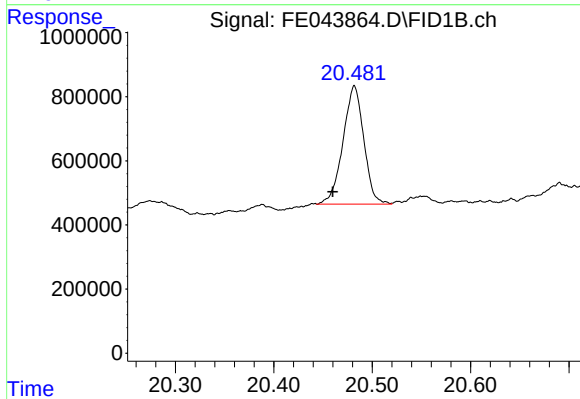
#18 n-Dotriacontane (C32)

R.T.: 18.951 min
Delta R.T.: 0.017 min
Response: 6407108
Conc: 40.58 ug/ml



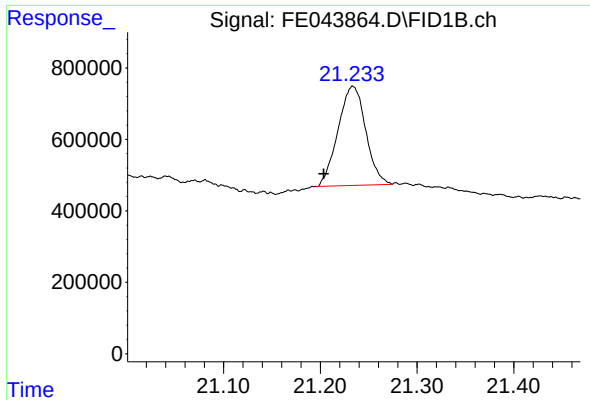
#19 n-Tetratriacontane (C34)

R.T.: 19.739 min
Delta R.T.: 0.021 min
Response: 6966489
Conc: 46.88 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.481 min
Delta R.T.: 0.022 min
Response: 5420638
Conc: 38.78 ug/ml m



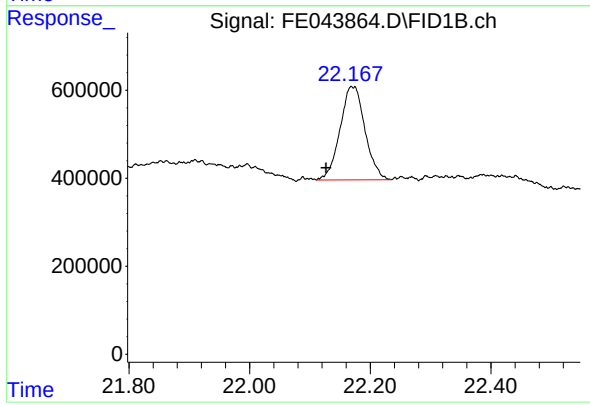
#21 n-Octatriacontane (C38)

R.T.: 21.233 min
Delta R.T.: 0.029 min
Response: 5528833
Conc: 41.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.167 min
Delta R.T.: 0.041 min
Response: 6100261
Conc: 47.28 ug/ml m