

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112224AL\
 Data File : FE051410.D
 Signal(s) : FID1B.ch
 Acq On : 22 Nov 2024 16:09
 Operator : YP\AJ
 Sample : P4948-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 337MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/25/2024
 Supervised By :Ankita Jodhani 11/25/2024

Integration File: sample.E
 Quant Time: Nov 23 01:35:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 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)	11.841	5275223	35.146 ug/ml
Spiked Amount 50.000		Recovery =	70.29%
12) S 1-chlorooctadecane (S...	13.273	4714223	41.524 ug/ml
Spiked Amount 50.000		Recovery =	83.05%
Target Compounds			
1) T n-Nonane (C9)	3.231	4170299	30.139 ug/ml
2) T n-Decane (C10)	4.479	4721764	33.684 ug/ml
3) T A~Naphthalene (C11.7)	6.190	4967251	37.674 ug/ml
4) T n-Dodecane (C12)	6.644	5136830	36.381 ug/ml
5) T A~2-methylnaphthalene...	7.286	4677928	37.395 ug/ml
6) T n-Tetradecane (C14)	8.472	5573981	39.996 ug/ml
7) T n-Hexadecane (C16)	10.078	5997179	42.261 ug/ml
8) T n-Octadecane (C18)	11.519	6298504	44.106 ug/ml
10) T n-Eicosane (C20)	12.828	6569662	48.005 ug/ml
11) T n-Heneicosane (C21)	13.438	6113830	45.747 ug/ml
13) T n-Docosane (C22)	14.024	6047085	45.484 ug/mlm
14) T n-Tetracosane (C24)	15.127	11243472	84.755 ug/ml
15) T n-Hexacosane (C26)	16.145	5951676	44.459 ug/ml
16) T n-Octacosane (C28)	17.093	6650283	48.781 ug/mlm
17) T n-Tricontane (C30)	17.983	5922025	40.761 ug/ml
18) T n-Dotriacontane (C32)	18.812	5949158	40.067 ug/mlm
19) T n-Tetratriacontane (C34)	19.597	5757366	42.849 ug/mlm
20) T n-Hexatriacontane (C36)	20.336	5362153	44.940 ug/ml
21) T n-Octatriacontane (C38)	21.059	5281262	46.402 ug/ml
22) T n-Tetracontane (C40)	21.937	5416365	48.699 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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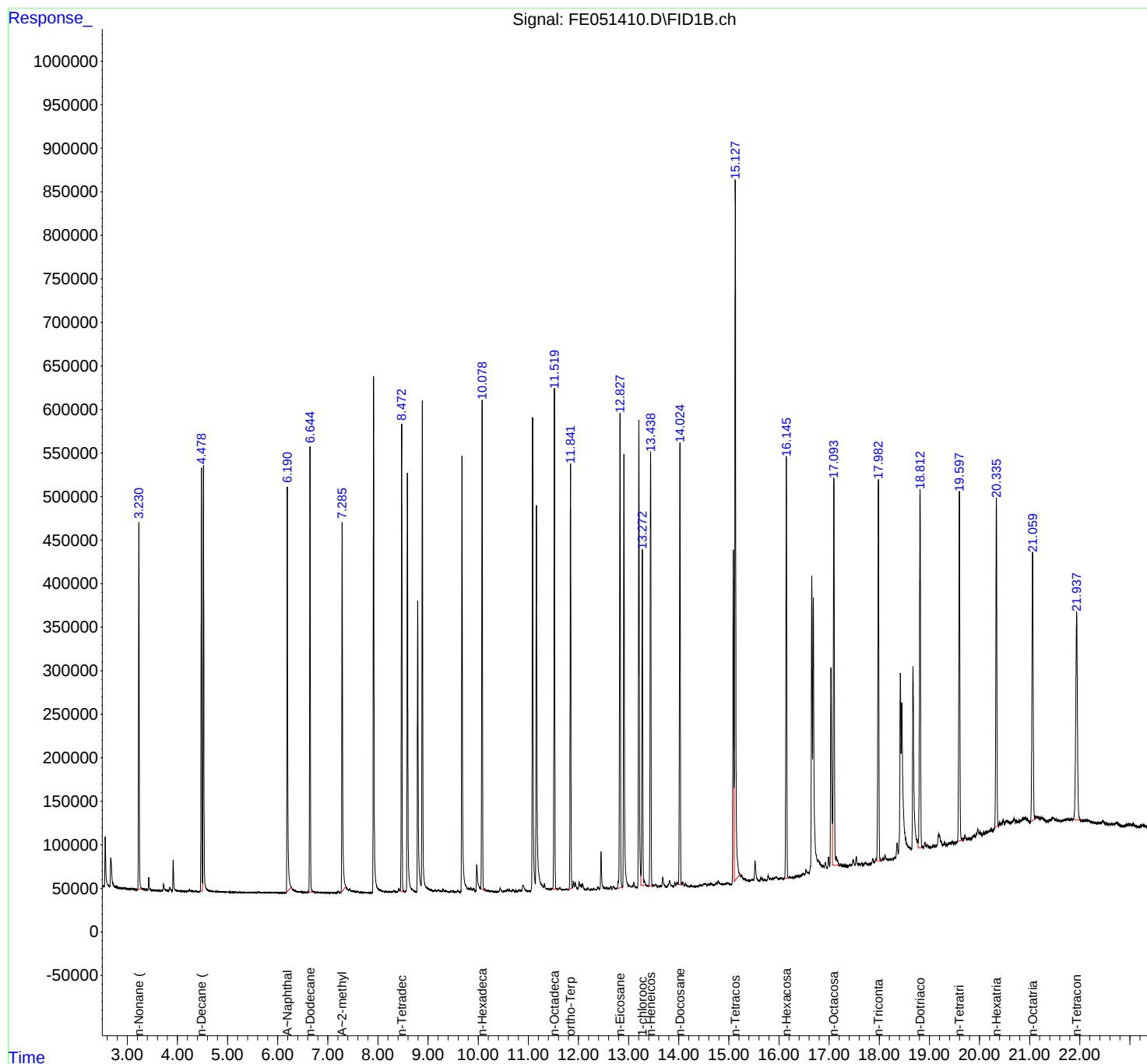
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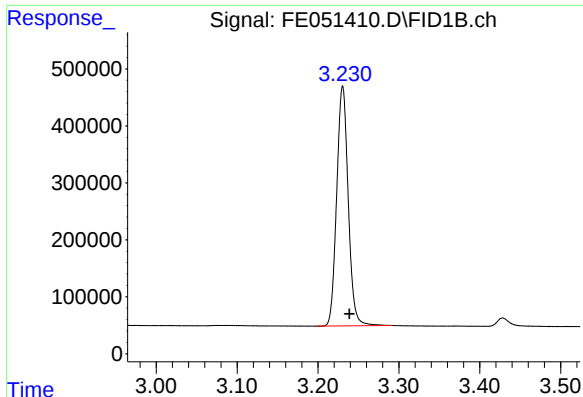
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#1 n-Nonane (C9)

R.T.: 3.231 min
Delta R.T.: -0.008 min
Response: 4170299
Conc: 30.14 ug/ml

Instrument :

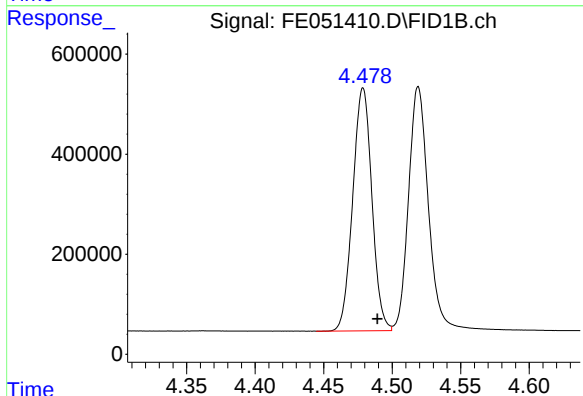
FID_E

ClientSampleId :

337MS

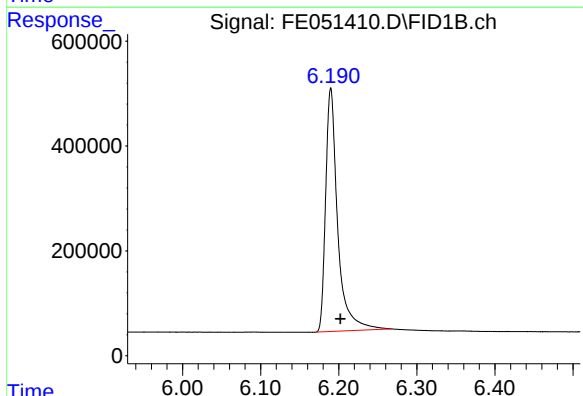
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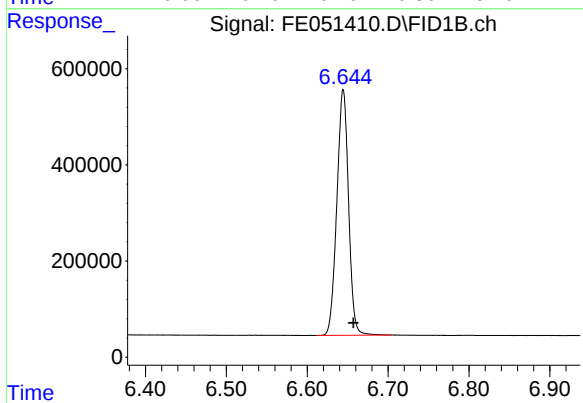
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.011 min
Response: 4721764
Conc: 33.68 ug/ml



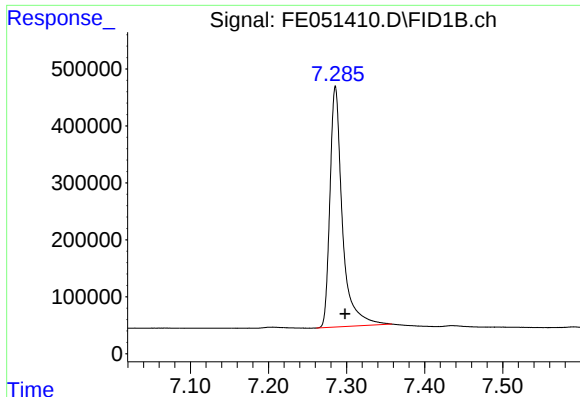
#3 A~Naphthalene (C11.7)

R.T.: 6.190 min
Delta R.T.: -0.012 min
Response: 4967251
Conc: 37.67 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.644 min
Delta R.T.: -0.013 min
Response: 5136830
Conc: 36.38 ug/ml



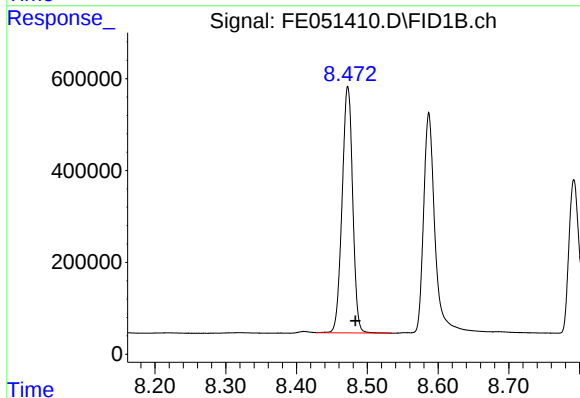
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.286 min
Delta R.T.: -0.012 min
Response: 4677928
Conc: 37.40 ug/ml

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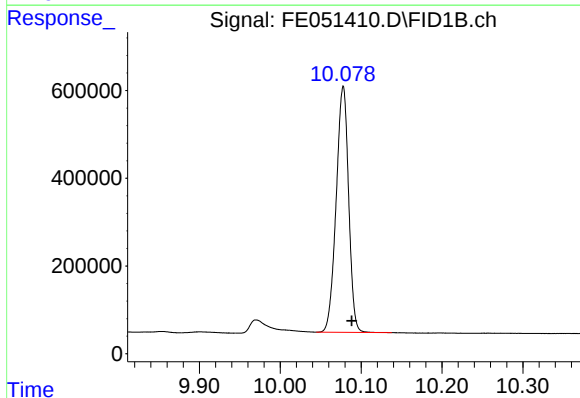
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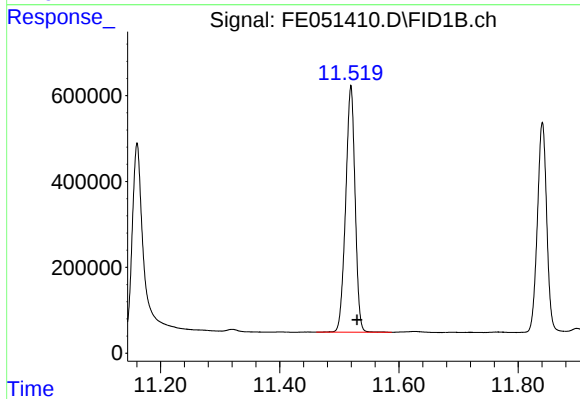
#6 n-Tetradecane (C14)

R.T.: 8.472 min
Delta R.T.: -0.011 min
Response: 5573981
Conc: 40.00 ug/ml



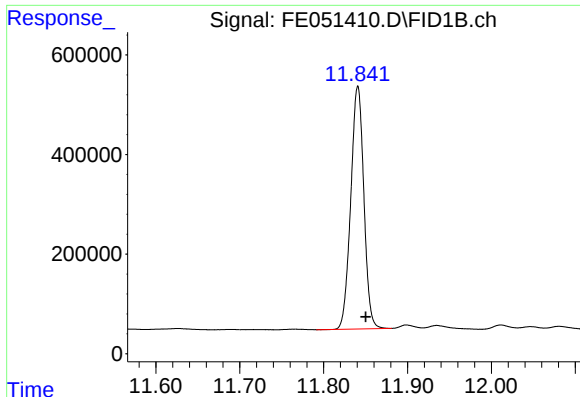
#7 n-Hexadecane (C16)

R.T.: 10.078 min
Delta R.T.: -0.011 min
Response: 5997179
Conc: 42.26 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.519 min
Delta R.T.: -0.010 min
Response: 6298504
Conc: 44.11 ug/ml



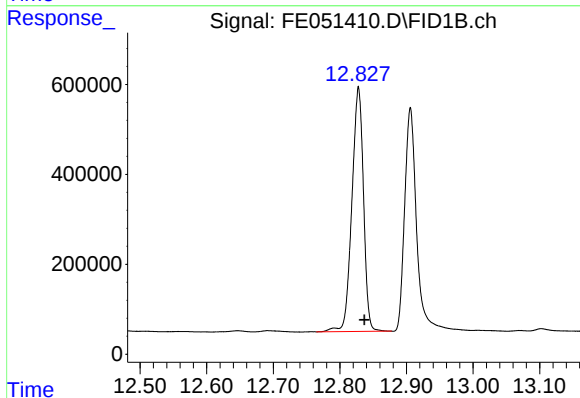
#9 ortho-Terphenyl (SURR)

R.T.: 11.841 min
Delta R.T.: -0.010 min
Response: 5275223
Conc: 35.15 ug/ml

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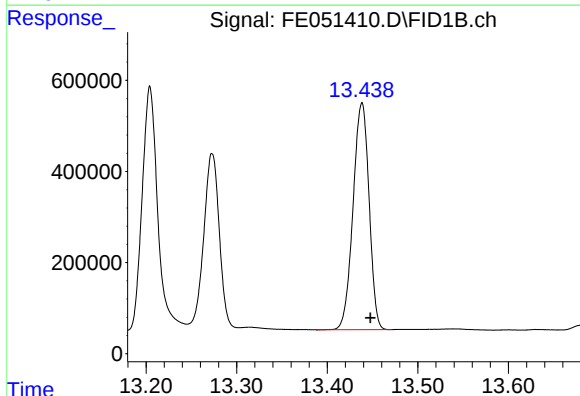
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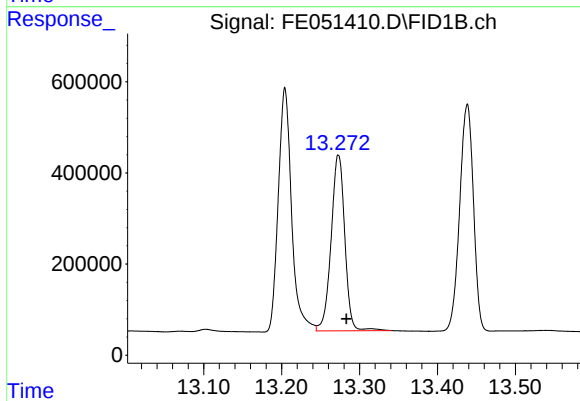
#10 n-Eicosane (C20)

R.T.: 12.828 min
Delta R.T.: -0.009 min
Response: 6569662
Conc: 48.00 ug/ml



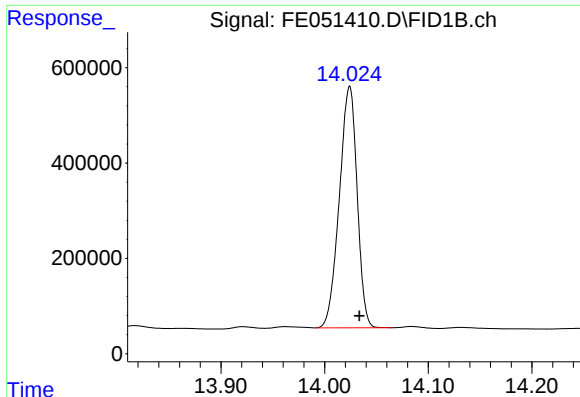
#11 n-Heneicosane (C21)

R.T.: 13.438 min
Delta R.T.: -0.010 min
Response: 6113830
Conc: 45.75 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.273 min
Delta R.T.: -0.010 min
Response: 4714223
Conc: 41.52 ug/ml



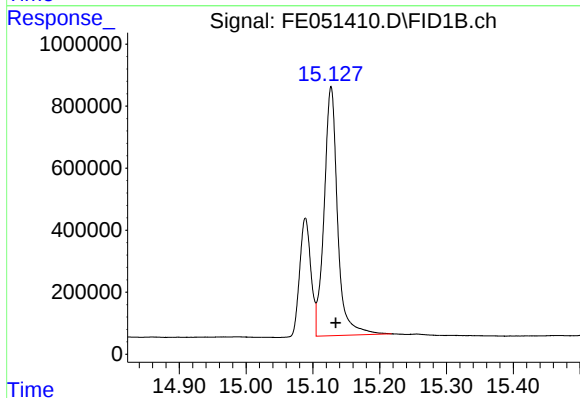
#13 n-Docosane (C22)

R.T.: 14.024 min
Delta R.T.: -0.009 min
Response: 6047085
Conc: 45.48 ug/ml

Instrument :
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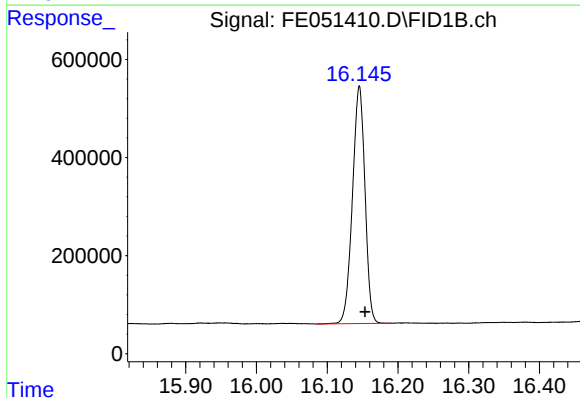
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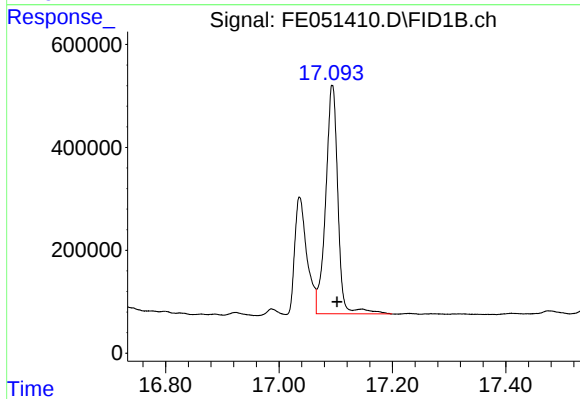
#14 n-Tetracosane (C24)

R.T.: 15.127 min
Delta R.T.: -0.007 min
Response: 11243472
Conc: 84.76 ug/ml



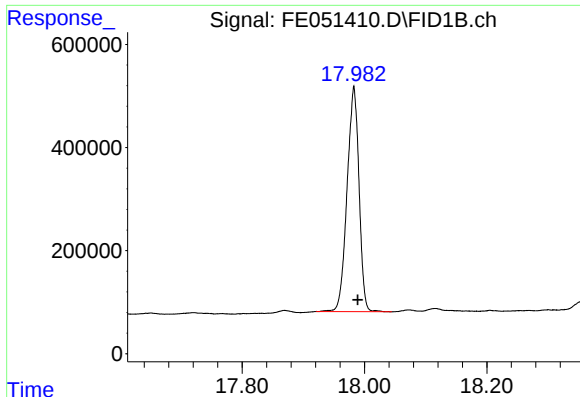
#15 n-Hexacosane (C26)

R.T.: 16.145 min
Delta R.T.: -0.008 min
Response: 5951676
Conc: 44.46 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.093 min
Delta R.T.: -0.009 min
Response: 6650283
Conc: 48.78 ug/ml m



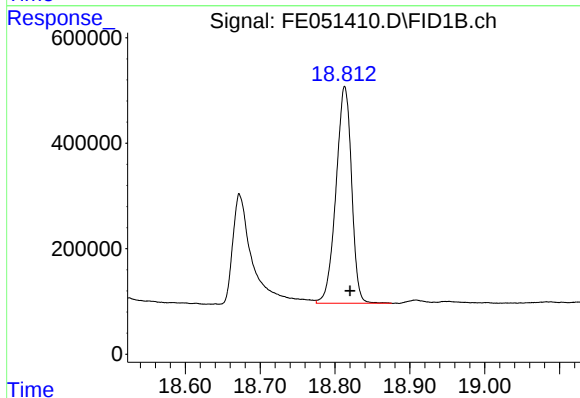
#17 n-Tricontane (C30)

R.T.: 17.983 min
Delta R.T.: -0.006 min
Response: 5922025
Conc: 40.76 ug/ml

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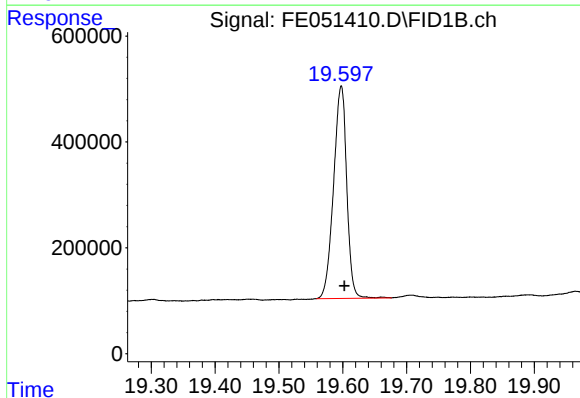
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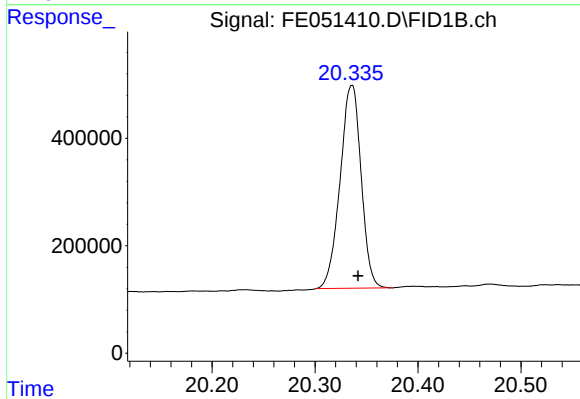
#18 n-Dotriacontane (C32)

R.T.: 18.812 min
Delta R.T.: -0.008 min
Response: 5949158
Conc: 40.07 ug/ml m



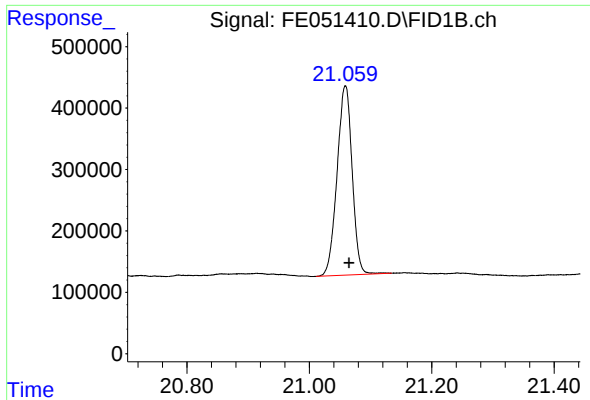
#19 n-Tetratriacontane (C34)

R.T.: 19.597 min
Delta R.T.: -0.005 min
Response: 5757366
Conc: 42.85 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.336 min
Delta R.T.: -0.006 min
Response: 5362153
Conc: 44.94 ug/ml



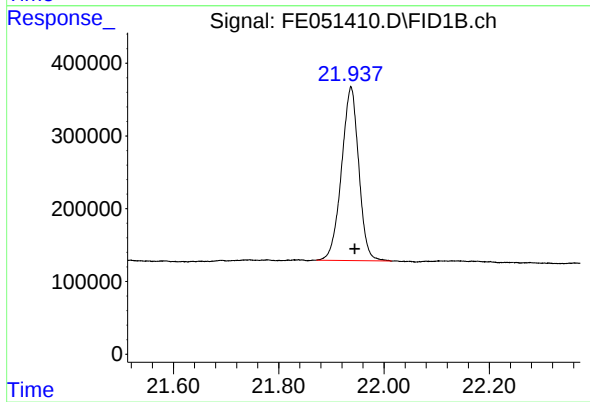
#21 n-Octatriacontane (C38)

R.T.: 21.059 min
Delta R.T.: -0.006 min
Response: 5281262
Conc: 46.40 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.937 min
Delta R.T.: -0.007 min
Response: 5416365
Conc: 48.70 ug/ml