

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121224AL\
 Data File : FE051639.D
 Signal(s) : FID1B.ch
 Acq On : 12 Dec 2024 14:53
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/13/2024
 Supervised By :Ankita Jodhani 12/13/2024

Integration File: autoint1.e
 Quant Time: Dec 12 15:24:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121224.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 12 15:24:13 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)	11.988	1613957	10.699 ug/ml
Spiked Amount 50.000		Recovery =	21.40%
12) S 1-chlorooctadecane (S...	13.406	1297882	10.716 ug/ml
Spiked Amount 50.000		Recovery =	21.43%
Target Compounds			
1) T n-Nonane (C9)	3.481	1220105	10.766 ug/ml
2) T n-Decane (C10)	4.710	1251097	10.758 ug/ml
3) T A~Naphthalene (C11.7)	6.392	1413602	10.770 ug/ml
4) T n-Dodecane (C12)	6.840	1285627	10.748 ug/ml
5) T A~2-methylnaphthalene...	7.471	1387968	10.733 ug/ml
6) T n-Tetradecane (C14)	8.647	1311134	10.726 ug/ml
7) T n-Hexadecane (C16)	10.238	1406324	10.725 ug/ml
8) T n-Octadecane (C18)	11.667	1477079	10.729 ug/ml
10) T n-Eicosane (C20)	12.965	1474283	10.728 ug/ml
11) T n-Heneicosane (C21)	13.571	1486656	10.757 ug/ml
13) T n-Docosane (C22)	14.151	1485568	10.703 ug/ml
14) T n-Tetracosane (C24)	15.244	1529107	10.730 ug/ml
15) T n-Hexacosane (C26)	16.255	1516780	10.667 ug/ml
16) T n-Octacosane (C28)	17.196	1524658	10.733 ug/ml
17) T n-Tricontane (C30)	18.075	1577982	10.790 ug/ml
18) T n-Dotriacontane (C32)	18.899	1516240	10.609 ug/ml
19) T n-Tetratriacontane (C34)	19.675	1333159	10.609 ug/ml
20) T n-Hexatriacontane (C36)	20.409	1176554	10.491 ug/ml
21) T n-Octatriacontane (C38)	21.141	1055533	10.520 ug/ml
22) T n-Tetracontane (C40)	22.050	1066713	10.774 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 14 Sample Multiplier: 1

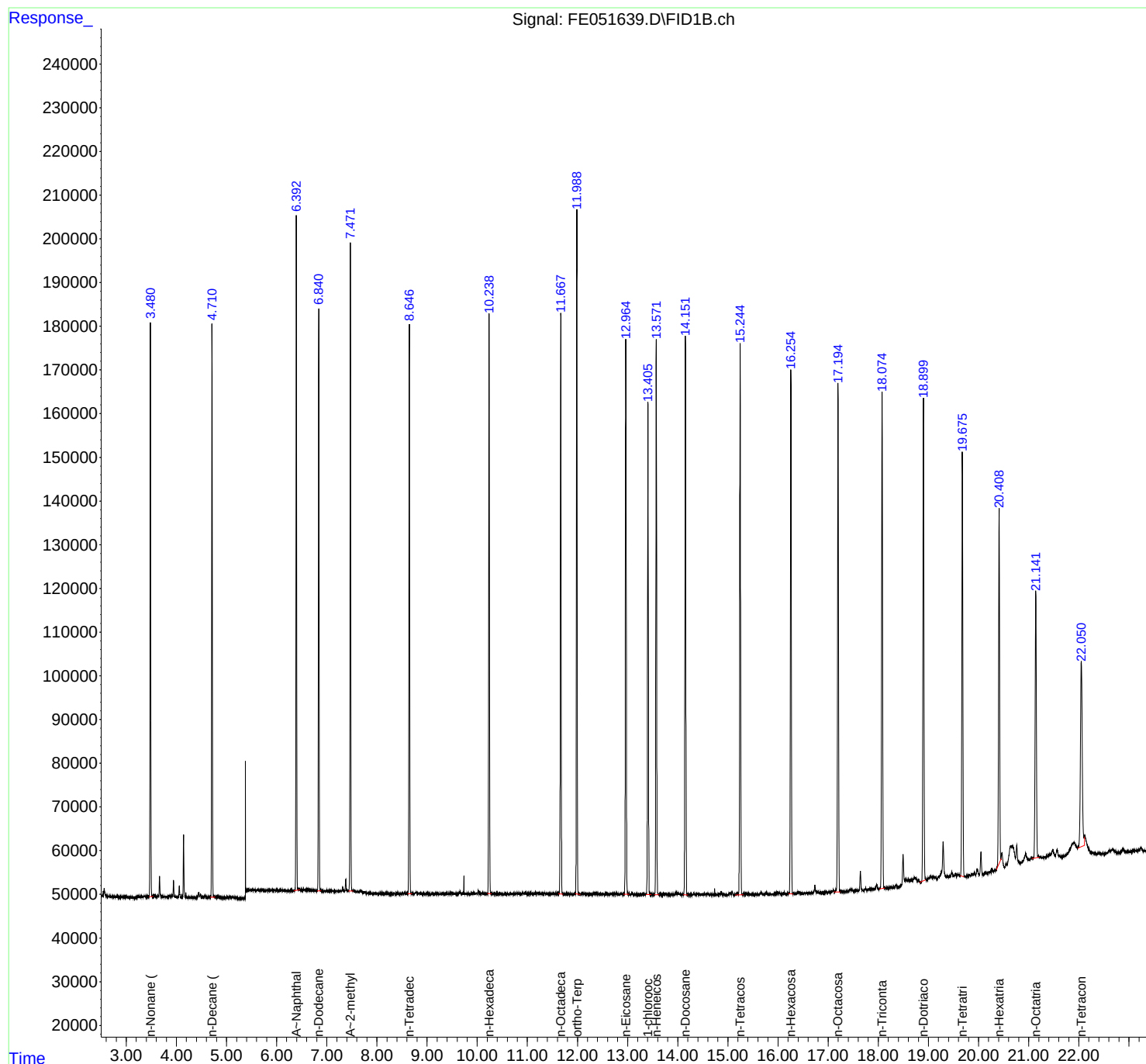
Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

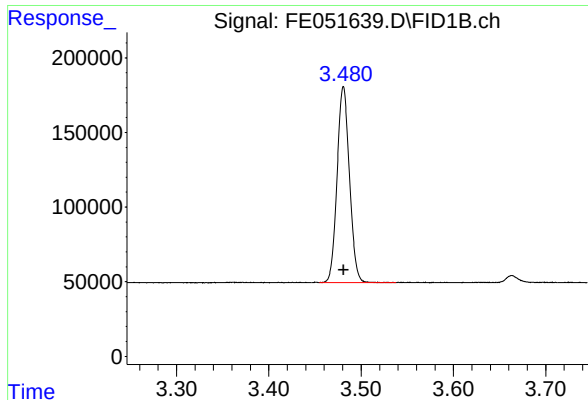
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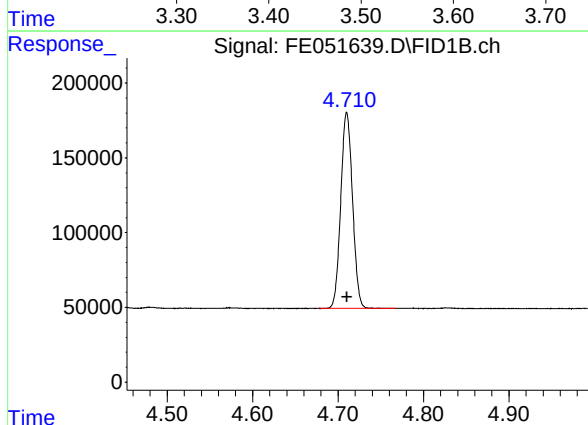
#1 n-Nonane (C9)

R.T.: 3.481 min
Delta R.T.: 0.000 min
Response: 1220105
Conc: 10.77 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

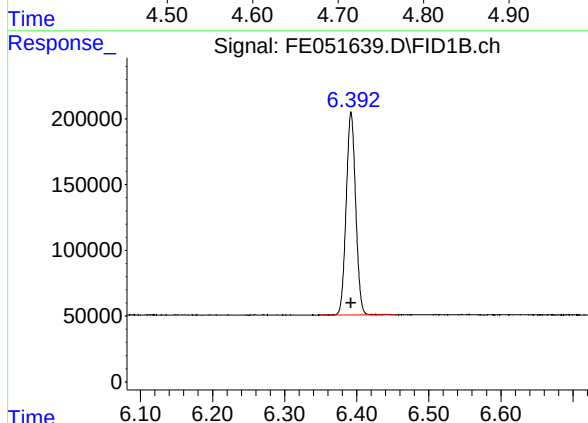
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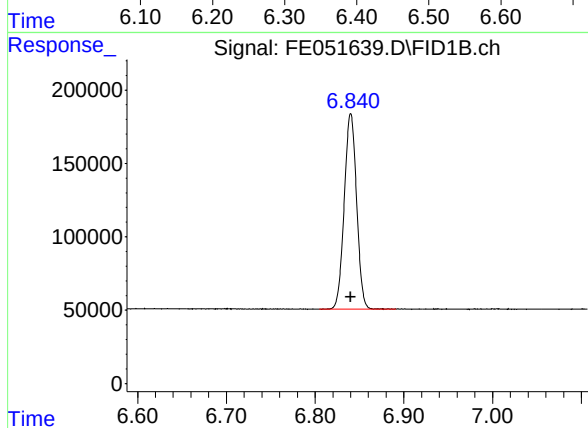
#2 n-Decane (C10)

R.T.: 4.710 min
Delta R.T.: 0.000 min
Response: 1251097
Conc: 10.76 ug/ml



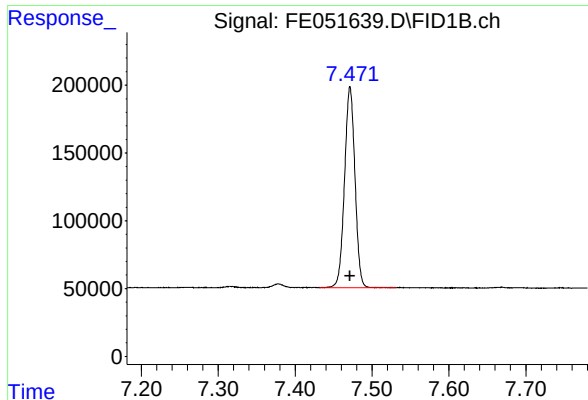
#3 A~Naphthalene (C11.7)

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 1413602
Conc: 10.77 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 1285627
Conc: 10.75 ug/ml



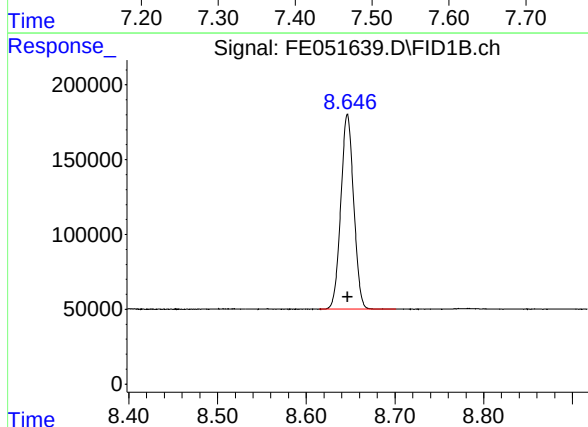
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.471 min
Delta R.T.: 0.000 min
Response: 1387968
Conc: 10.73 ug/ml

Instrument : FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

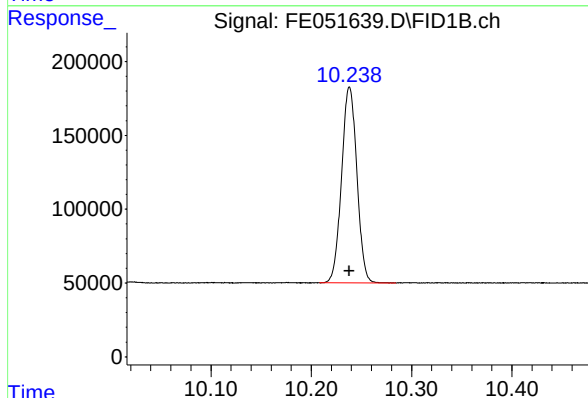
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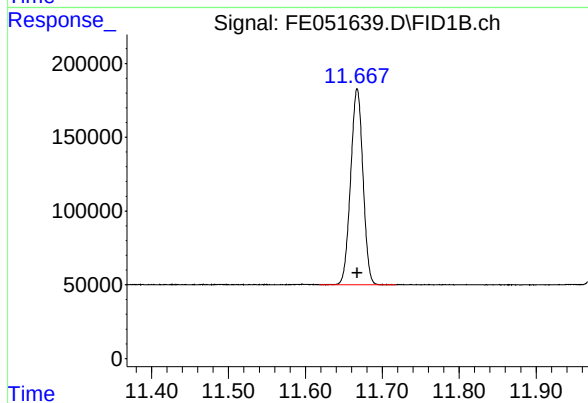
#6 n-Tetradecane (C14)

R.T.: 8.647 min
Delta R.T.: 0.000 min
Response: 1311134
Conc: 10.73 ug/ml



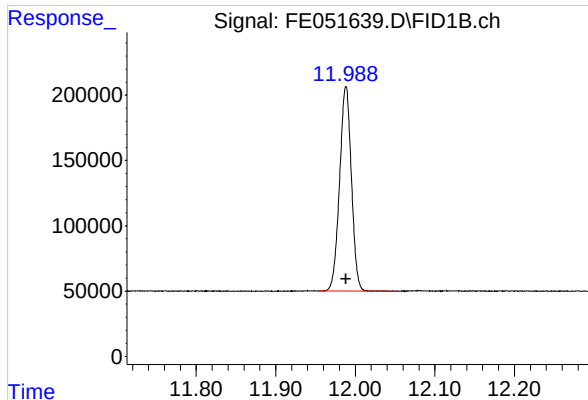
#7 n-Hexadecane (C16)

R.T.: 10.238 min
Delta R.T.: 0.000 min
Response: 1406324
Conc: 10.73 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.667 min
Delta R.T.: 0.000 min
Response: 1477079
Conc: 10.73 ug/ml



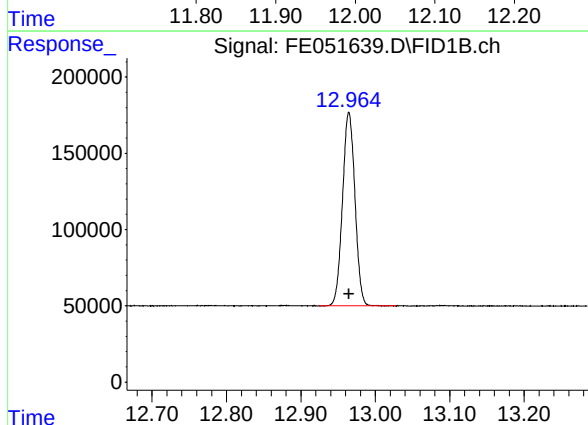
#9 ortho-Terphenyl (SURR)

R.T.: 11.988 min
Delta R.T.: 0.000 min
Response: 1613957
Conc: 10.70 ug/ml

Instrument :
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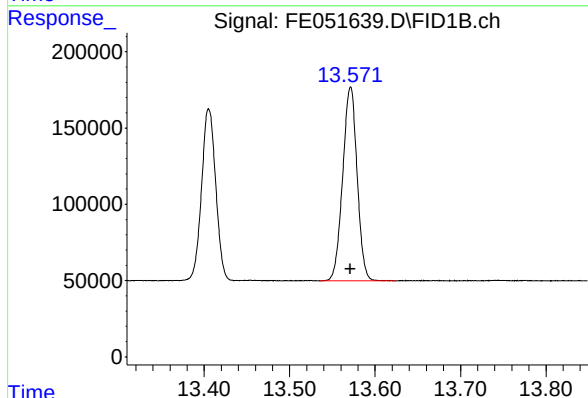
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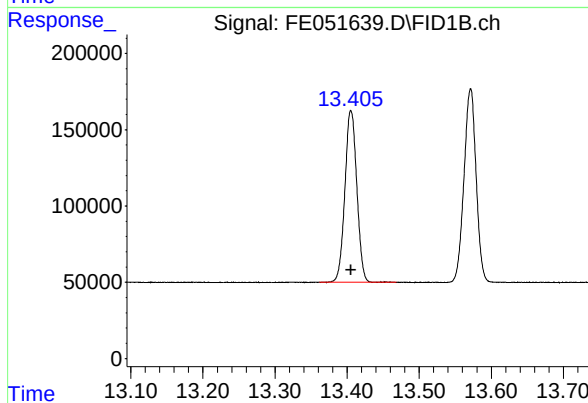
#10 n-Eicosane (C20)

R.T.: 12.965 min
Delta R.T.: 0.000 min
Response: 1474283
Conc: 10.73 ug/ml



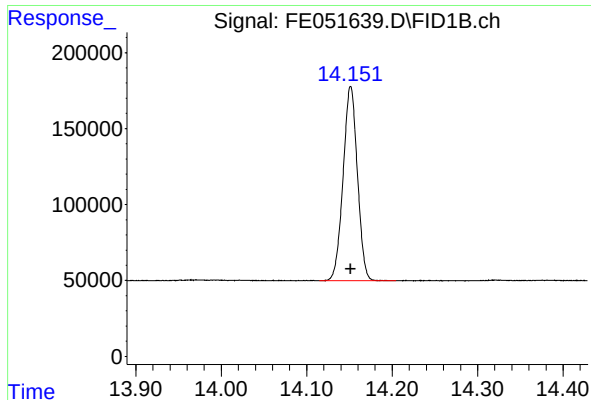
#11 n-Heneicosane (C21)

R.T.: 13.571 min
Delta R.T.: 0.000 min
Response: 1486656
Conc: 10.76 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.406 min
Delta R.T.: 0.000 min
Response: 1297882
Conc: 10.72 ug/ml



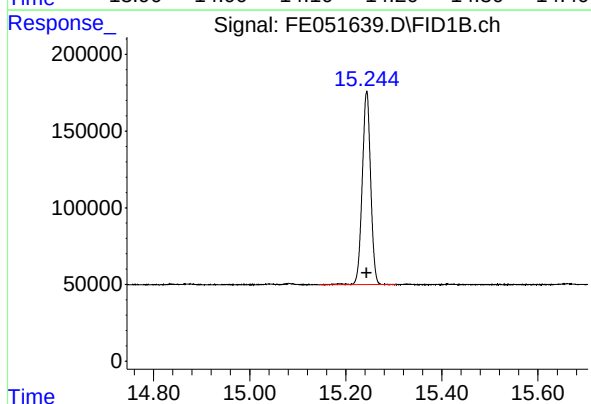
#13 n-Docosane (C22)

R.T.: 14.151 min
Delta R.T.: 0.000 min
Response: 1485568
Conc: 10.70 ug/ml

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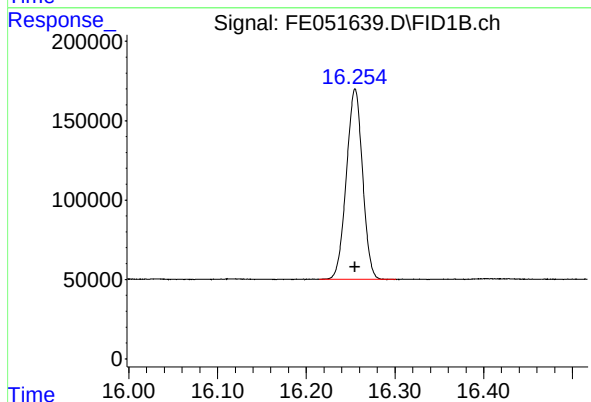
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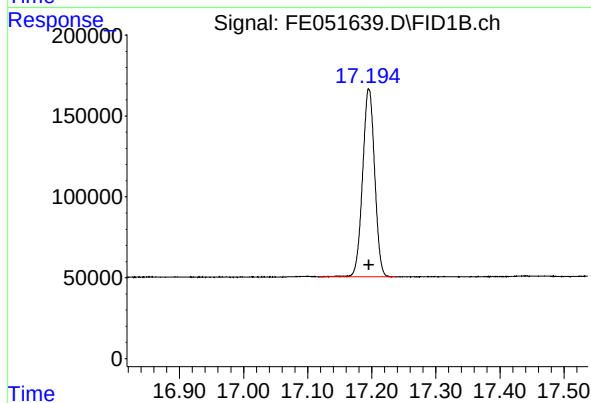
#14 n-Tetracosane (C24)

R.T.: 15.244 min
Delta R.T.: 0.000 min
Response: 1529107
Conc: 10.73 ug/ml



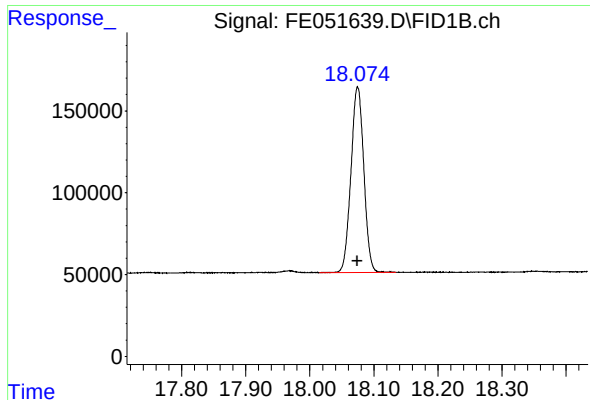
#15 n-Hexacosane (C26)

R.T.: 16.255 min
Delta R.T.: 0.000 min
Response: 1516780
Conc: 10.67 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.196 min
Delta R.T.: 0.000 min
Response: 1524658
Conc: 10.73 ug/ml



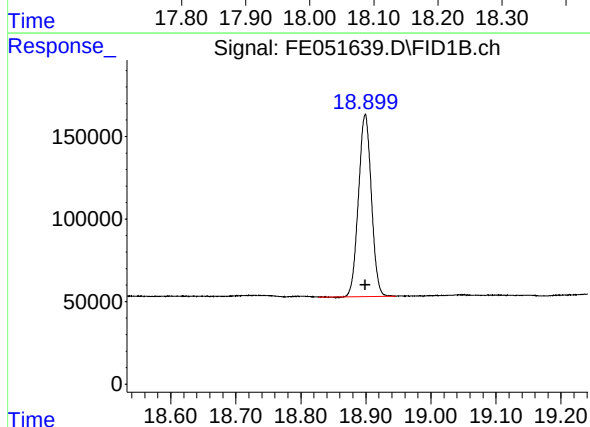
#17 n-Tricontane (C30)

R.T.: 18.075 min
Delta R.T.: 0.000 min
Response: 1577982
Conc: 10.79 ug/ml

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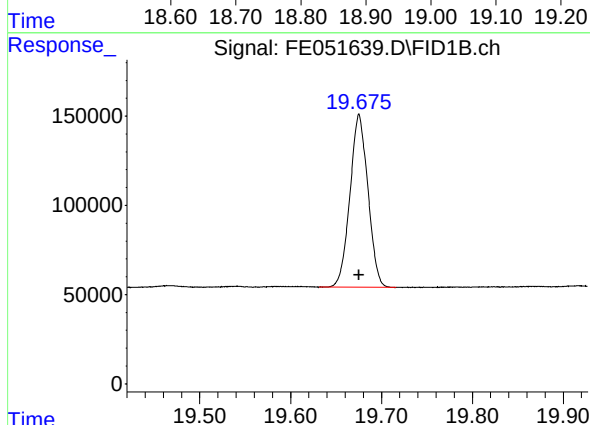
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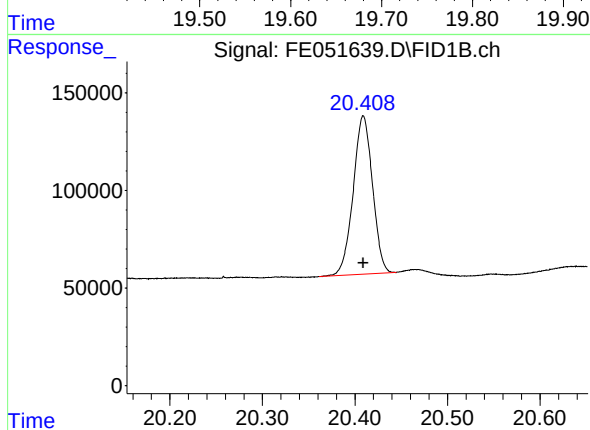
#18 n-Dotriacontane (C32)

R.T.: 18.899 min
Delta R.T.: 0.000 min
Response: 1516240
Conc: 10.61 ug/ml



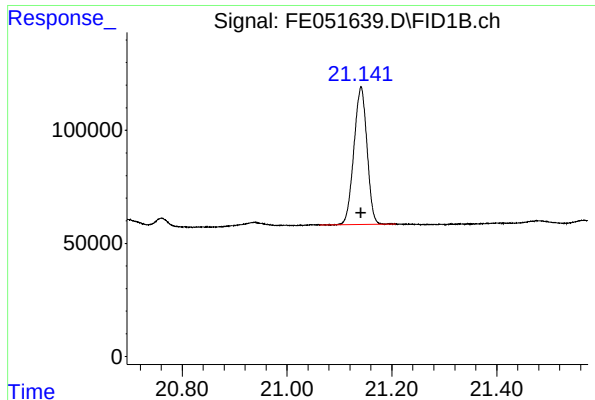
#19 n-Tetatriacontane (C34)

R.T.: 19.675 min
Delta R.T.: 0.000 min
Response: 1333159
Conc: 10.61 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.409 min
Delta R.T.: 0.000 min
Response: 1176554
Conc: 10.49 ug/ml



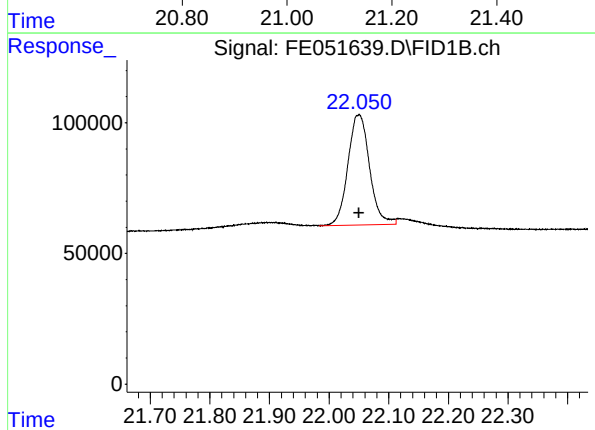
#21 n-Octatriacontane (C38)

R.T.: 21.141 min
Delta R.T.: 0.000 min
Response: 1055533
Conc: 10.52 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.050 min
Delta R.T.: 0.000 min
Response: 1066713
Conc: 10.77 ug/ml m