

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091224AL\
 Data File : FE050055.D
 Signal(s) : FID1B.ch
 Acq On : 11 Sep 2024 21:59
 Operator : YP\AJ
 Sample : P3929-03MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

72-11930MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/12/2024

Supervised By :Ankita Jodhani 09/12/2024

Integration File: sample.E

Quant Time: Sep 12 03:18:33 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M

Quant Title : GC Extractables

QLast Update : Mon Sep 09 17:11:47 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)	11.877	5568523	37.428 ug/ml
Spiked Amount 50.000		Recovery =	74.86%
12) S 1-chlorooctadecane (S...	13.311	4707200	41.906 ug/ml
Spiked Amount 50.000		Recovery =	83.81%
Target Compounds			
1) T n-Nonane (C9)	3.265	4326829	31.922 ug/ml
2) T n-Decane (C10)	4.517	4921466	35.660 ug/ml
3) T A~Naphthalene (C11.7)	6.224	5310449	37.940 ug/ml
4) T n-Dodecane (C12)	6.683	5154888	37.278 ug/ml
5) T A~2-methylnaphthalene...	7.319	4882480	37.147 ug/ml
6) T n-Tetradecane (C14)	8.512	5646501	41.466 ug/ml
7) T n-Hexadecane (C16)	10.117	6180776	44.497 ug/ml
8) T n-Octadecane (C18)	11.559	6494535	46.356 ug/ml
10) T n-Eicosane (C20)	12.867	6616933	49.327 ug/ml
11) T n-Heneicosane (C21)	13.478	6430745	48.941 ug/ml
13) T n-Docosane (C22)	14.063	6364387	48.875 ug/ml
14) T n-Tetracosane (C24)	15.161	11995201	91.854 ug/ml
15) T n-Hexacosane (C26)	16.185	6240042	48.773 ug/ml
16) T n-Octacosane (C28)	17.133	6569157	50.999 ug/ml
17) T n-Tricontane (C30)	18.020	6489561	48.531 ug/ml
18) T n-Dotriacontane (C32)	18.851	6657120	49.957 ug/ml
19) T n-Tetratriacontane (C34)	19.634	6777905	54.855 ug/ml
20) T n-Hexatriacontane (C36)	20.374	6935310	62.508 ug/mlm
21) T n-Octatriacontane (C38)	21.102	6790091	61.572 ug/ml
22) T n-Tetracontane (C40)	21.994	6294043	57.842 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P3929-03MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

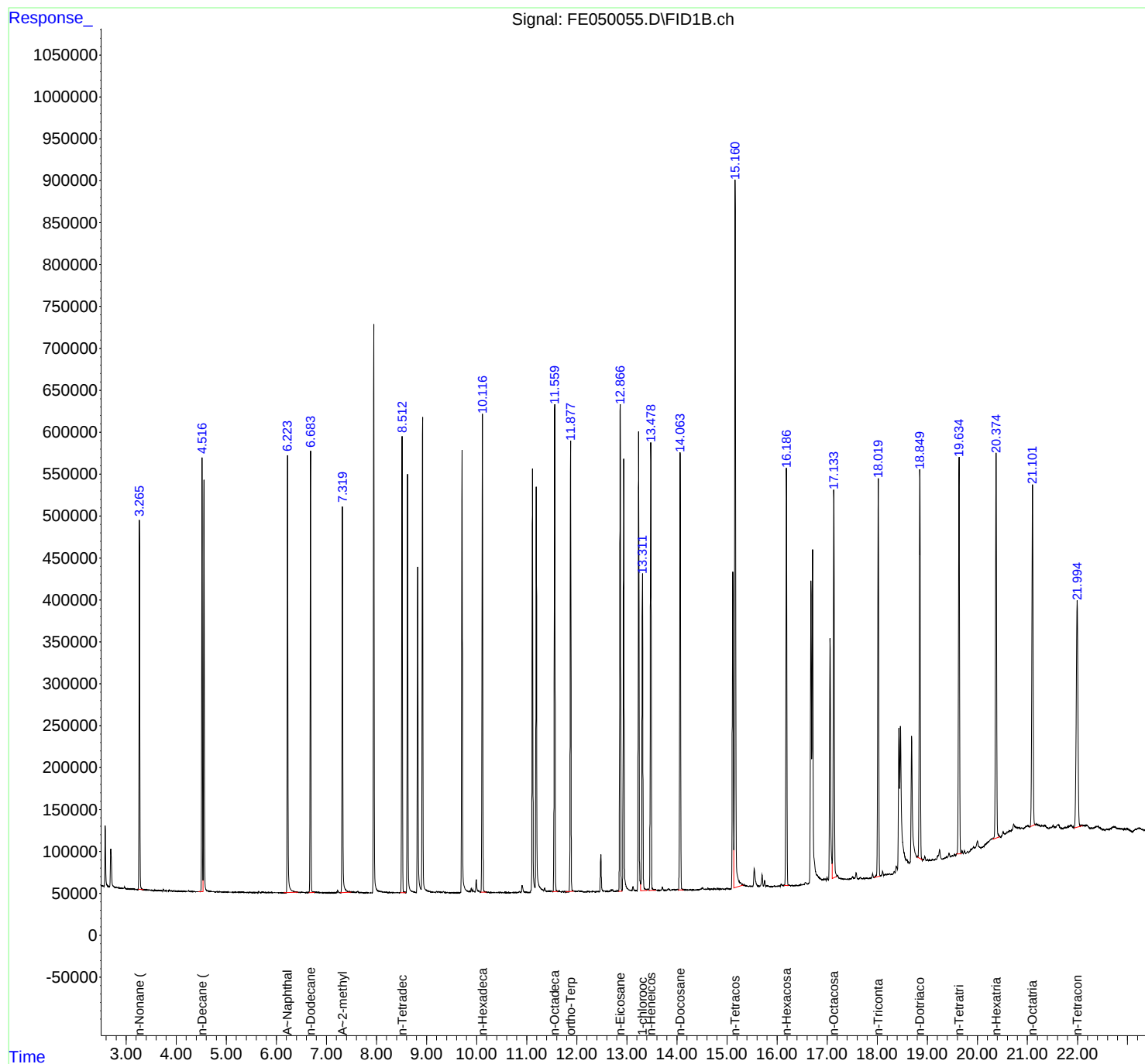
Instrument :
FID_E
ClientSampleId :
72-11930MS

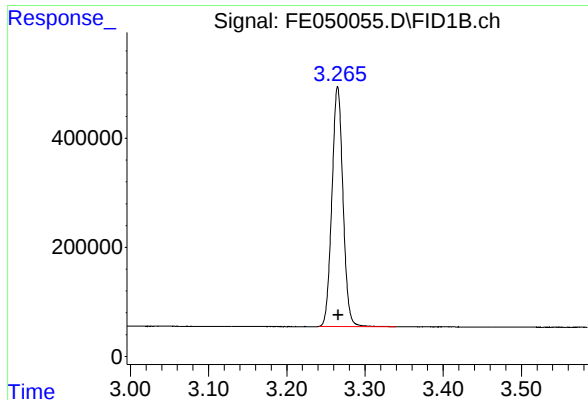
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Integration File: sample.E
Quant Time: Sep 12 03:18:33 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.
Quant Title : GC Extractables
QLast Update : Mon Sep 09 17:11:47 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





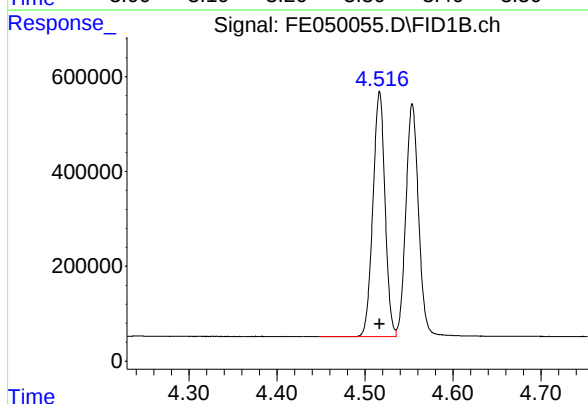
#1 n-Nonane (C9)

R.T.: 3.265 min
Delta R.T.: 0.000 min
Response: 4326829
Conc: 31.92 ug/ml

Instrument :
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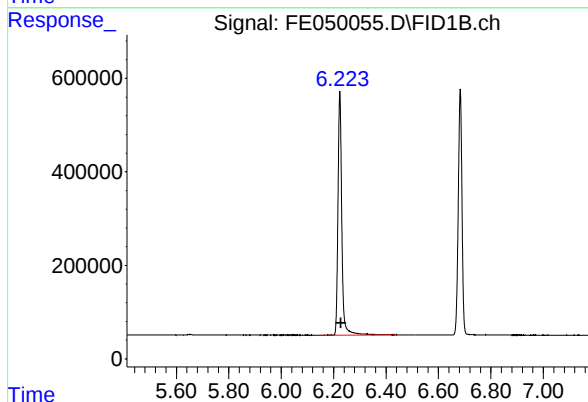
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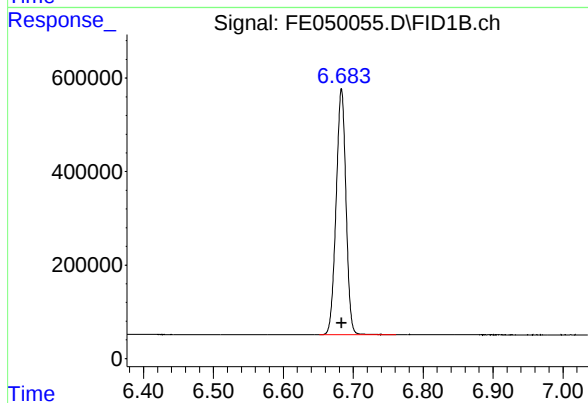
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 4921466
Conc: 35.66 ug/ml



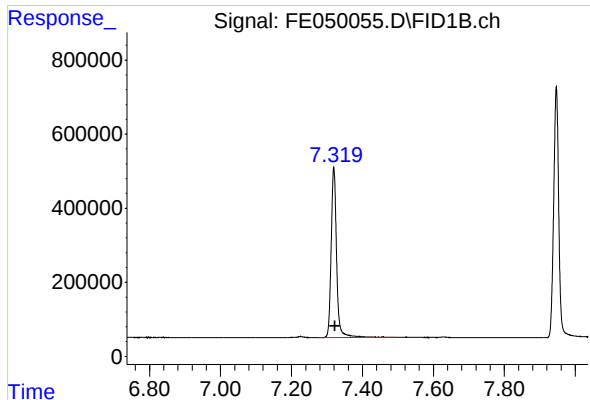
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: -0.003 min
Response: 5310449
Conc: 37.94 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 5154888
Conc: 37.28 ug/ml



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

R.T.: 7.319 min
Delta R.T.: -0.004 min
Response: 4882480
Conc: 37.15 ug/ml

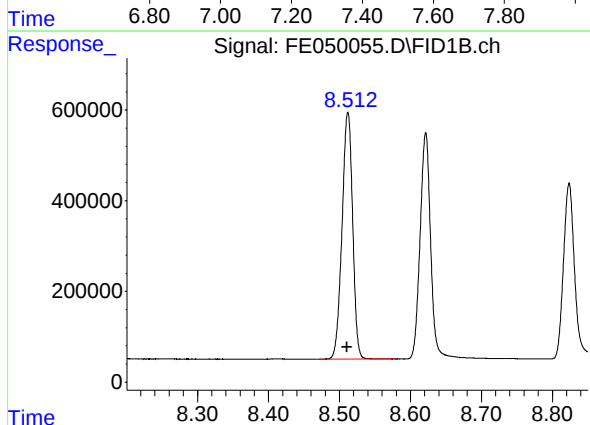
Instrument :

FID_E

ClientSampleId :
72-11930MS

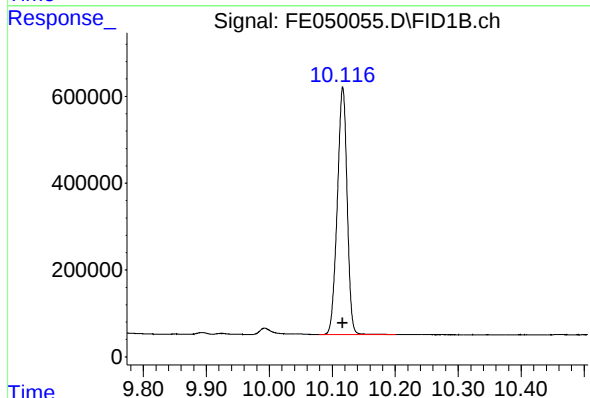
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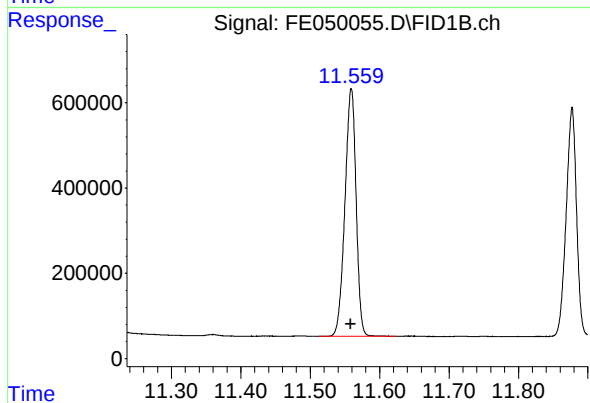
#6 n-Tetradecane (C14)

R.T.: 8.512 min
Delta R.T.: 0.001 min
Response: 5646501
Conc: 41.47 ug/ml



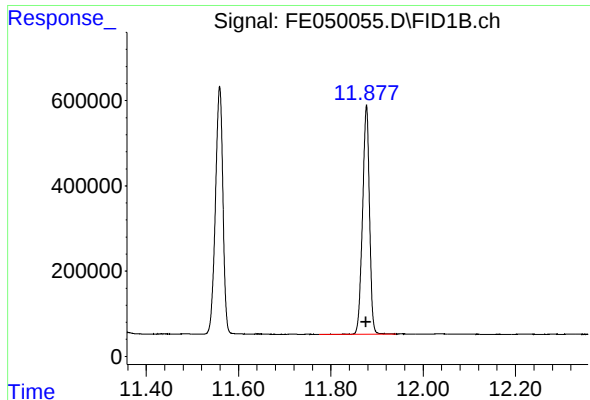
#7 n-Hexadecane (C16)

R.T.: 10.117 min
Delta R.T.: 0.000 min
Response: 6180776
Conc: 44.50 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.559 min
Delta R.T.: 0.000 min
Response: 6494535
Conc: 46.36 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.877 min
Delta R.T.: 0.000 min
Response: 5568523
Conc: 37.43 ug/ml

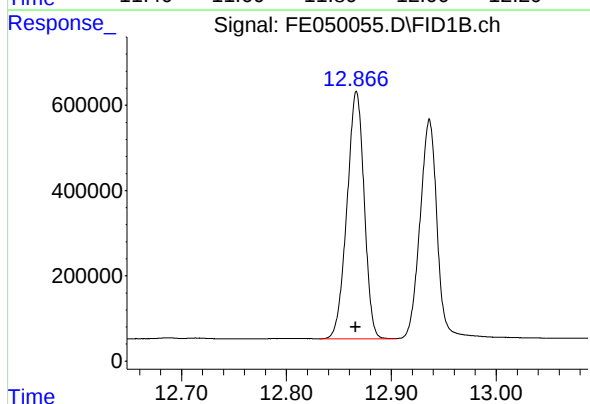
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FID_E

ClientSampleId :
72-11930MS

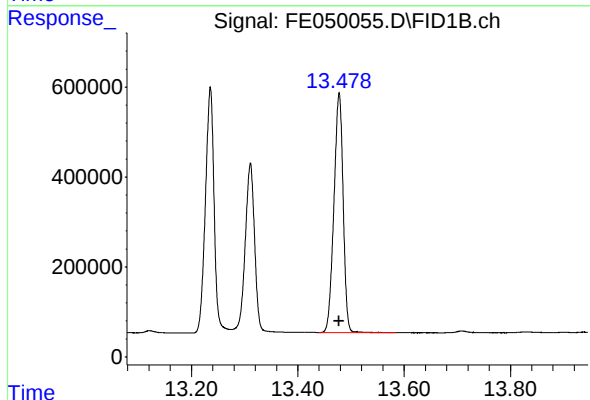
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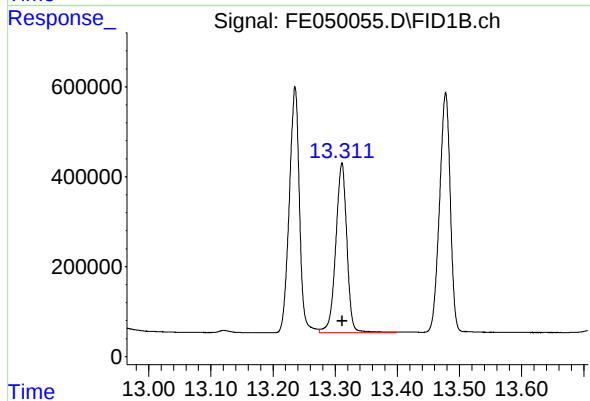
#10 n-Eicosane (C20)

R.T.: 12.867 min
Delta R.T.: 0.000 min
Response: 6616933
Conc: 49.33 ug/ml



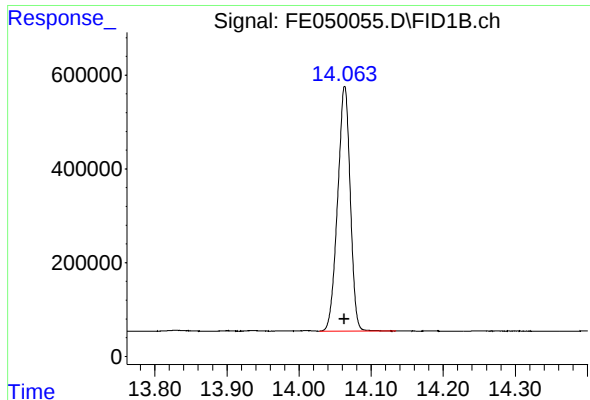
#11 n-Heneicosane (C21)

R.T.: 13.478 min
Delta R.T.: 0.000 min
Response: 6430745
Conc: 48.94 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.311 min
Delta R.T.: 0.000 min
Response: 4707200
Conc: 41.91 ug/ml



#13 n-Docosane (C22)

R.T.: 14.063 min
Delta R.T.: 0.000 min
Response: 6364387
Conc: 48.88 ug/ml

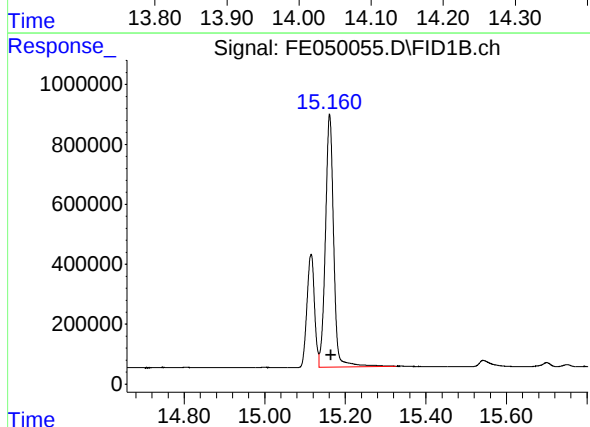
Instrument :

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ClientSampleId :
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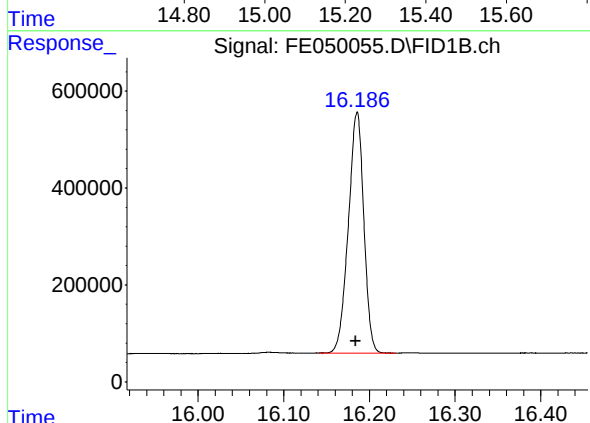
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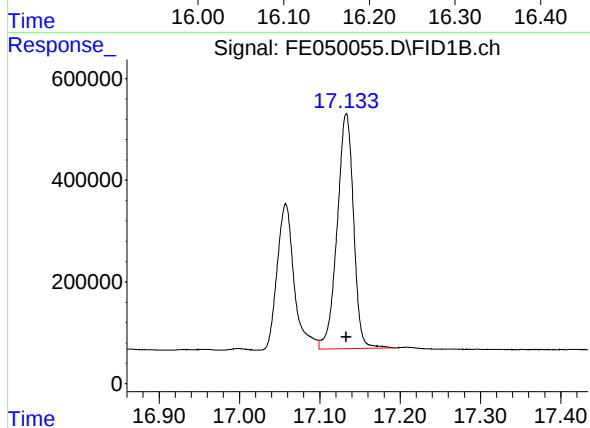
#14 n-Tetracosane (C24)

R.T.: 15.161 min
Delta R.T.: -0.003 min
Response: 11995201
Conc: 91.85 ug/ml



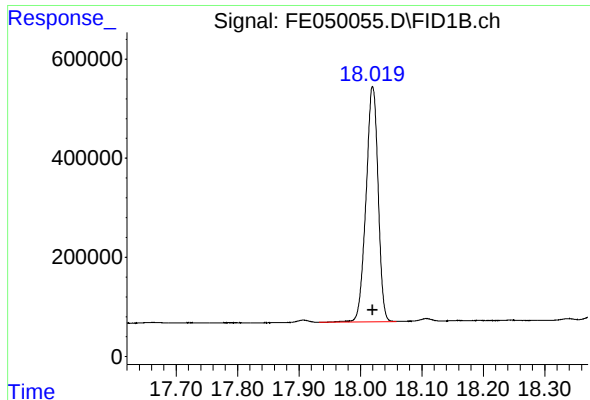
#15 n-Hexacosane (C26)

R.T.: 16.185 min
Delta R.T.: 0.002 min
Response: 6240042
Conc: 48.77 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.133 min
Delta R.T.: 0.000 min
Response: 6569157
Conc: 51.00 ug/ml



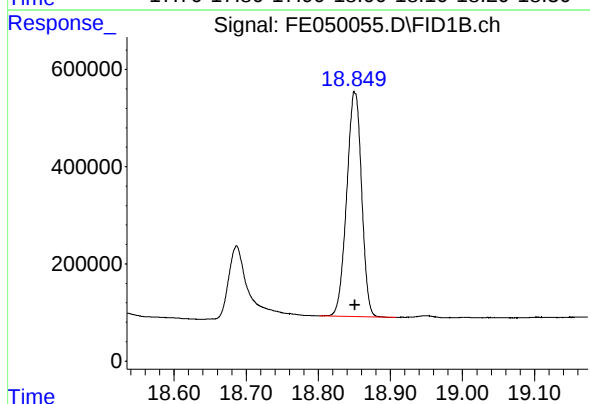
#17 n-Tricontane (C30)

R.T.: 18.020 min
Delta R.T.: 0.000 min
Response: 6489561
Conc: 48.53 ug/ml

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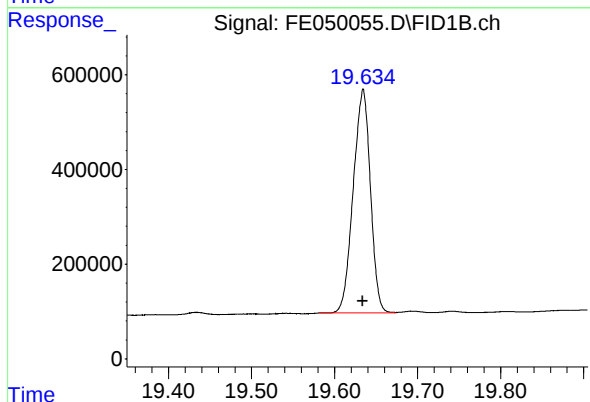
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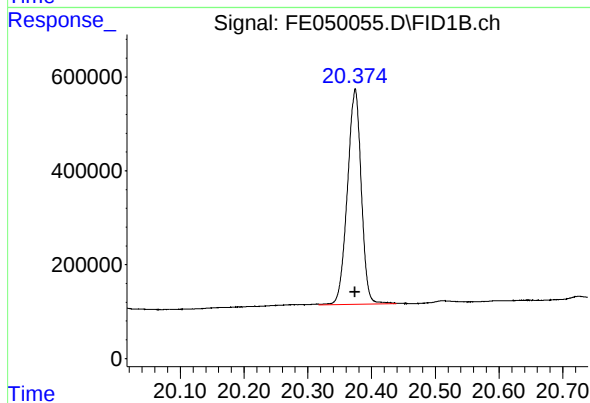
#18 n-Dotriacontane (C32)

R.T.: 18.851 min
Delta R.T.: 0.000 min
Response: 6657120
Conc: 49.96 ug/ml



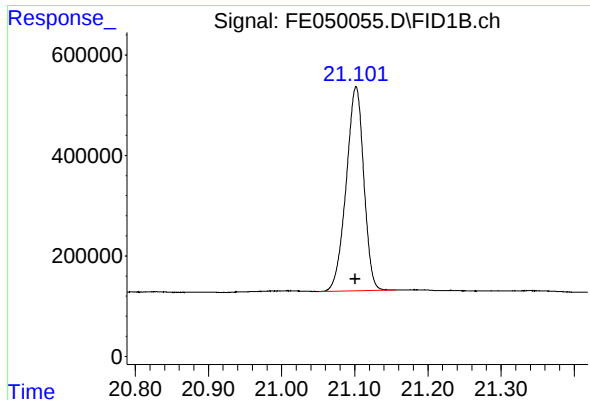
#19 n-Tetratriacontane (C34)

R.T.: 19.634 min
Delta R.T.: 0.000 min
Response: 6777905
Conc: 54.85 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.374 min
Delta R.T.: 0.000 min
Response: 6935310
Conc: 62.51 ug/ml m



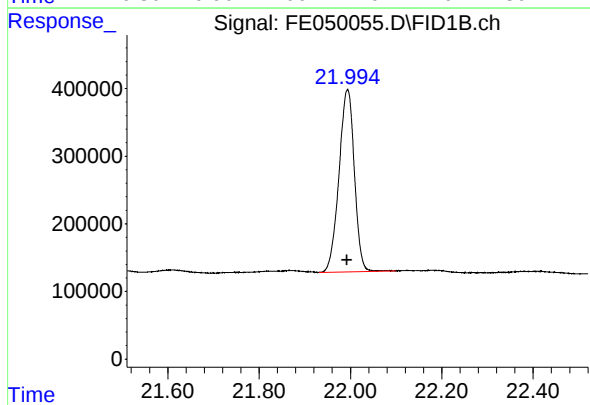
#21 n-Octatriacontane (C38)

R.T.: 21.102 min
Delta R.T.: 0.000 min
Response: 6790091
Conc: 61.57 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.994 min
Delta R.T.: 0.001 min
Response: 6294043
Conc: 57.84 ug/ml