

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040622AL\
 Data File : FC059103.D
 Signal(s) : FID1A.CH
 Acq On : 07 Apr 2022 5:22
 Operator : UA/NP
 Sample : N2272-03MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/07/2022
 Supervised By :mohammad ahmed 04/07/2022

Integration File: sample.E
 Quant Time: Apr 07 06:57:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.103	4892410	33.956 ug/ml
Spiked Amount 50.000		Recovery =	67.91%
12) S 1-chlorooctadecane (S...	12.551	4014422	35.813 ug/ml
Spiked Amount 50.000		Recovery =	71.63%
Target Compounds			
1) T n-Nonane (C9)	2.966	4477442	36.537 ug/ml
2) T n-Decane (C10)	4.007	4965254	40.518 ug/ml
3) T A~Naphthalene (C11.7)	5.551	5912975	47.095 ug/ml
4) T n-Dodecane (C12)	6.003	5735624	44.905 ug/ml
5) T A~2-methylnaphthalene...	6.600	5992293	46.742 ug/ml
6) T n-Tetradecane (C14)	7.788	6179903	47.530 ug/ml
7) T n-Hexadecane (C16)	9.379	6695103	50.418 ug/ml
8) T n-Octadecane (C18)	10.813	7088449	53.314 ug/ml
10) T n-Eicosane (C20)	12.117	7142473	54.513 ug/mlm
11) T n-Heneicosane (C21)	12.724	6860740	52.581 ug/ml
13) T n-Docosane (C22)	13.308	6771729	52.273 ug/ml
14) T n-Tetracosane (C24)	14.406	7166138	56.728 ug/ml
15) T n-Hexacosane (C26)	15.425	6350508	52.574 ug/mlm
16) T n-Octacosane (C28)	16.368	6393745	53.996 ug/ml
17) T n-Tricontane (C30)	17.255	6035198	52.905 ug/ml
18) T n-Dotriacontane (C32)	18.082	6009145	56.092 ug/ml
19) T n-Tetratriacontane (C34)	18.864	5939455	58.785 ug/mlm
20) T n-Hexatriacontane (C36)	19.601	5877496	61.513 ug/ml
21) T n-Octatriacontane (C38)	20.299	5831093	63.368 ug/ml
22) T n-Tetracontane (C40)	21.043	5859277	63.044 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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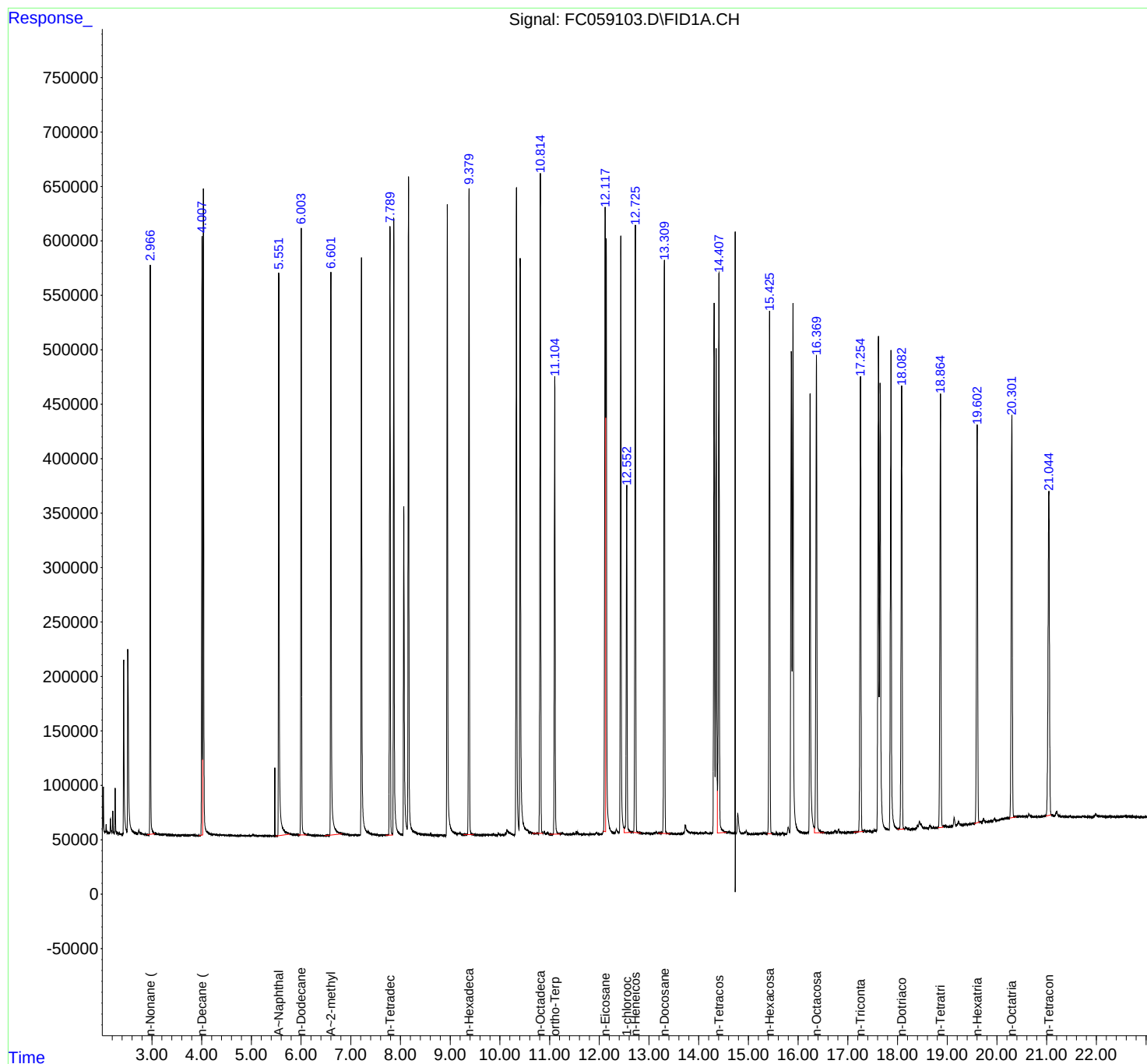
Instrument :
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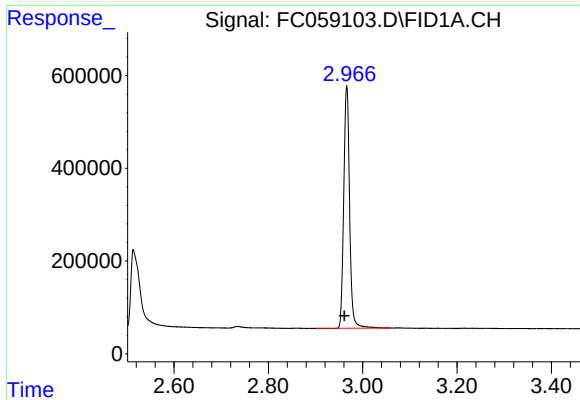
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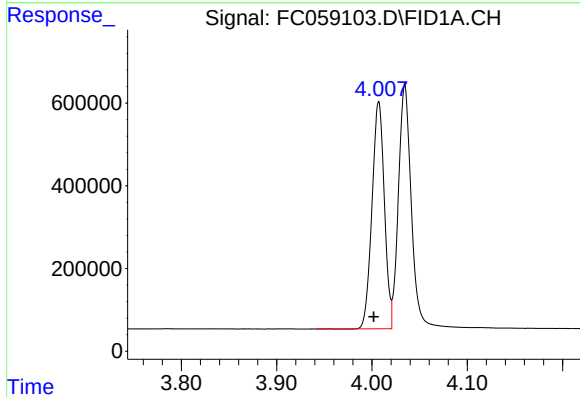
#1 n-Nonane (C9)

R.T.: 2.966 min
Delta R.T.: 0.005 min
Response: 4477442
Conc: 36.54 ug/ml

Instrument :
FID_C
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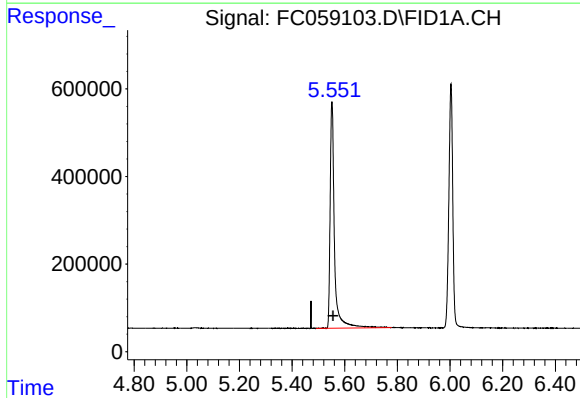
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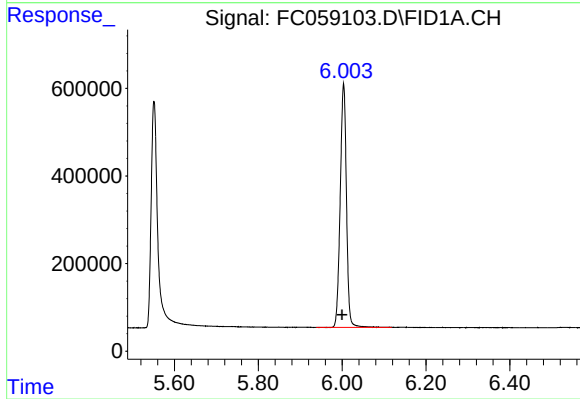
#2 n-Decane (C10)

R.T.: 4.007 min
Delta R.T.: 0.005 min
Response: 4965254
Conc: 40.52 ug/ml



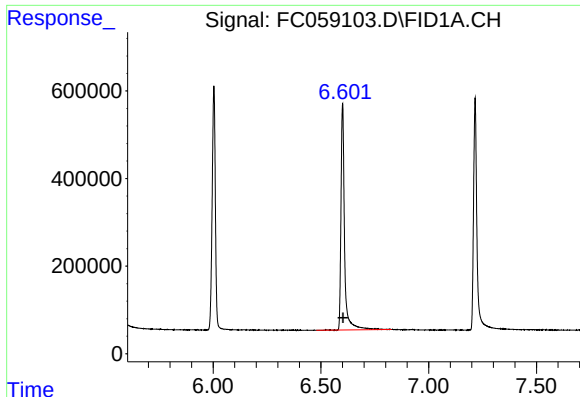
#3 A~Naphthalene (C11.7)

R.T.: 5.551 min
Delta R.T.: -0.004 min
Response: 5912975
Conc: 47.09 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.003 min
Delta R.T.: 0.004 min
Response: 5735624
Conc: 44.91 ug/ml



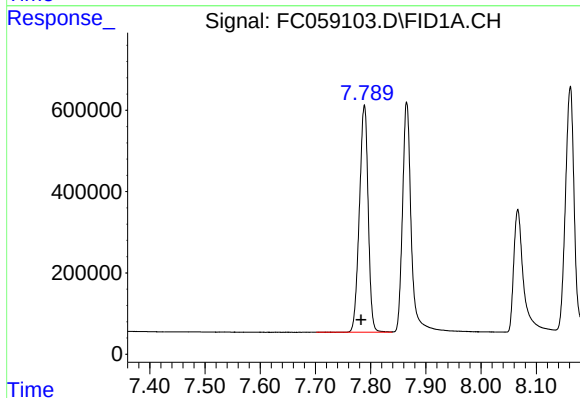
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.600 min
Delta R.T.: -0.002 min
Response: 5992293
Conc: 46.74 ug/ml

Instrument :
FID_C
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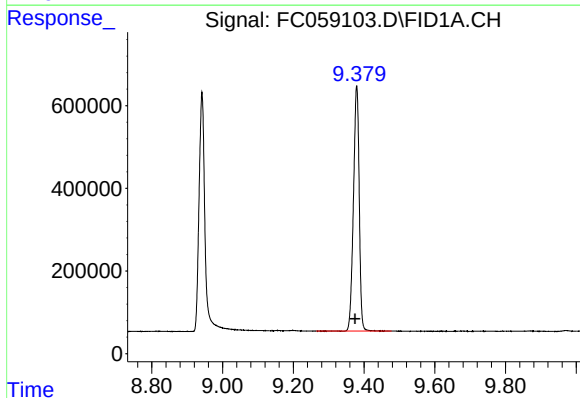
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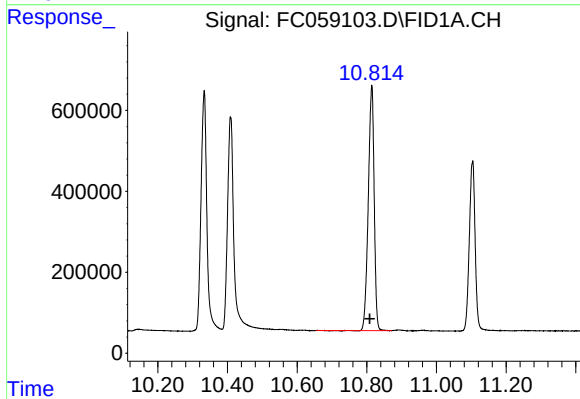
#6 n-Tetradecane (C14)

R.T.: 7.788 min
Delta R.T.: 0.006 min
Response: 6179903
Conc: 47.53 ug/ml



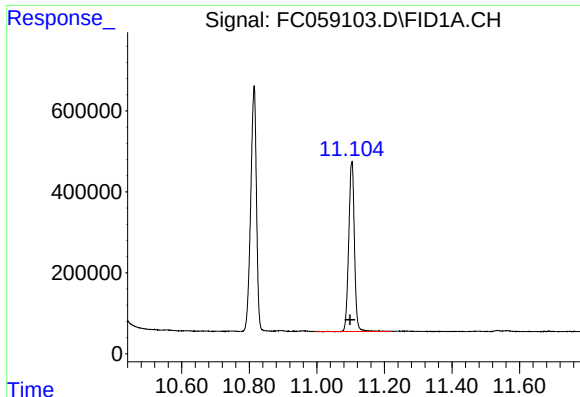
#7 n-Hexadecane (C16)

R.T.: 9.379 min
Delta R.T.: 0.004 min
Response: 6695103
Conc: 50.42 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.813 min
Delta R.T.: 0.005 min
Response: 7088449
Conc: 53.31 ug/ml



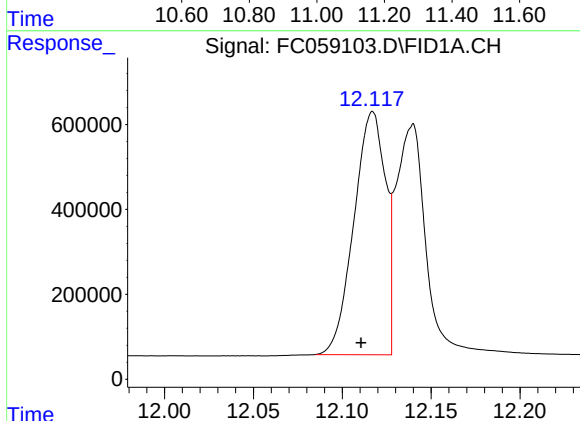
#9 ortho-Terphenyl (SURR)

R.T.: 11.103 min
Delta R.T.: 0.004 min
Response: 4892410
Conc: 33.96 ug/ml

Instrument :
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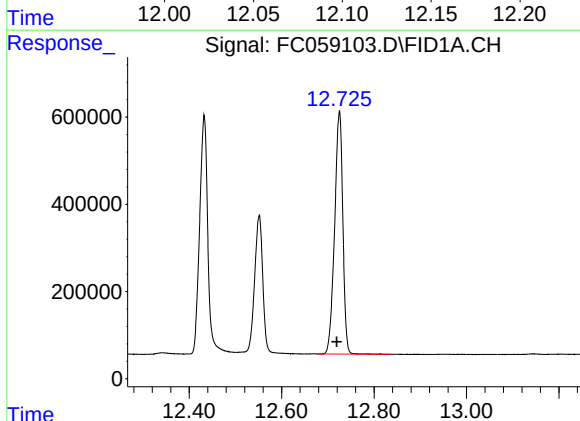
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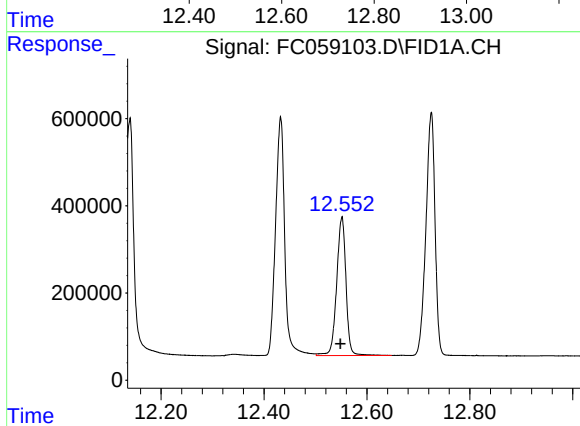
#10 n-Eicosane (C20)

R.T.: 12.117 min
Delta R.T.: 0.006 min
Response: 7142473
Conc: 54.51 ug/ml m



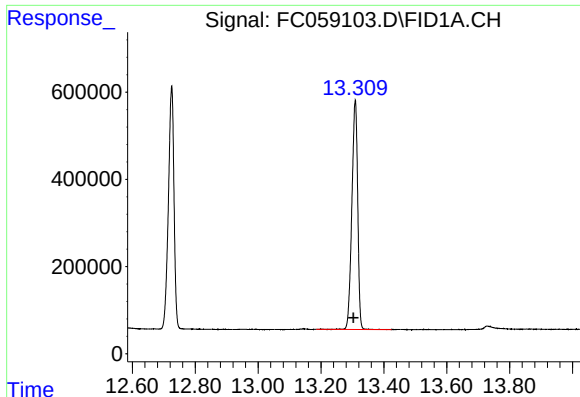
#11 n-Heneicosane (C21)

R.T.: 12.724 min
Delta R.T.: 0.005 min
Response: 6860740
Conc: 52.58 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.551 min
Delta R.T.: 0.002 min
Response: 4014422
Conc: 35.81 ug/ml



#13 n-Docosane (C22)

R.T.: 13.308 min
Delta R.T.: 0.006 min
Response: 6771729
Conc: 52.27 ug/ml

Instrument :

FID_C

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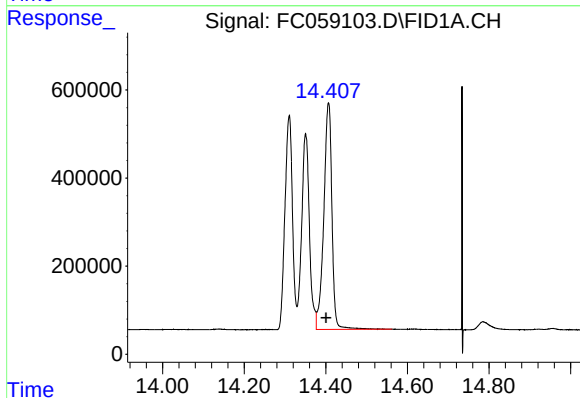
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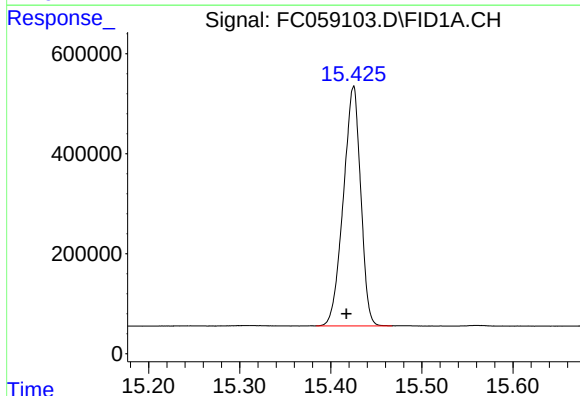
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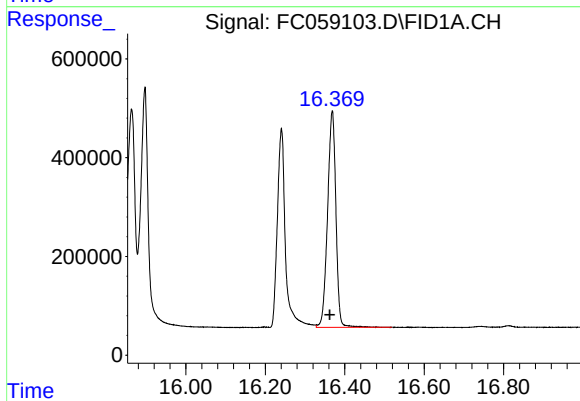
#14 n-Tetracosane (C24)

R.T.: 14.406 min
Delta R.T.: 0.005 min
Response: 7166138
Conc: 56.73 ug/ml



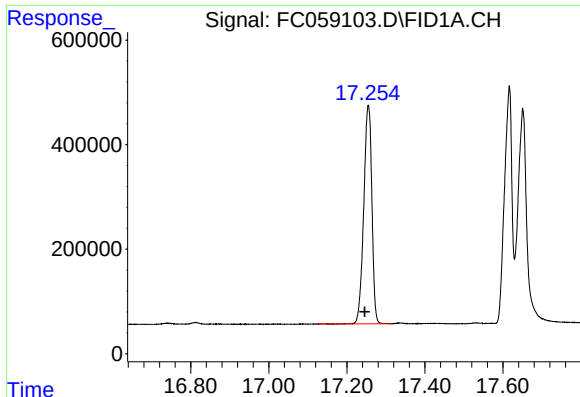
#15 n-Hexacosane (C26)

R.T.: 15.425 min
Delta R.T.: 0.008 min
Response: 6350508
Conc: 52.57 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.368 min
Delta R.T.: 0.005 min
Response: 6393745
Conc: 54.00 ug/ml



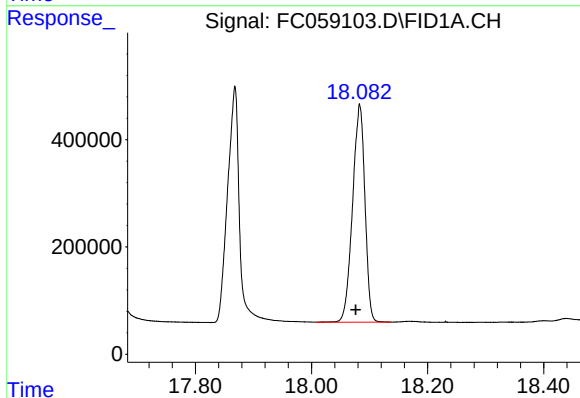
#17 n-Tricontane (C30)

R.T.: 17.255 min
Delta R.T.: 0.009 min
Response: 6035198
Conc: 52.90 ug/ml

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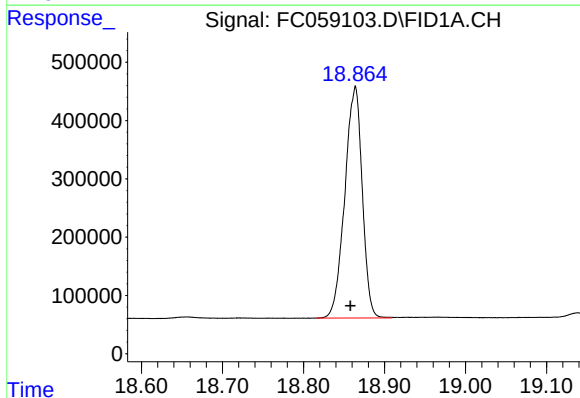
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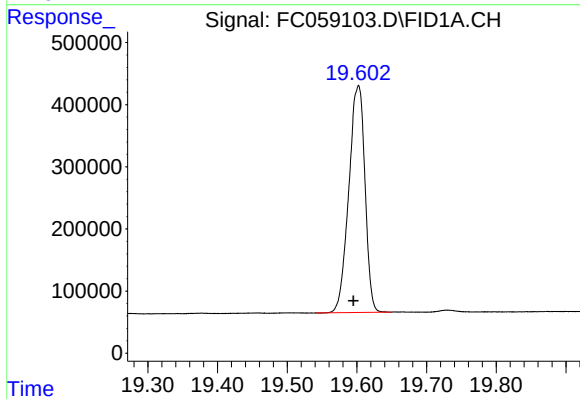
#18 n-Dotriacontane (C32)

R.T.: 18.082 min
Delta R.T.: 0.006 min
Response: 6009145
Conc: 56.09 ug/ml



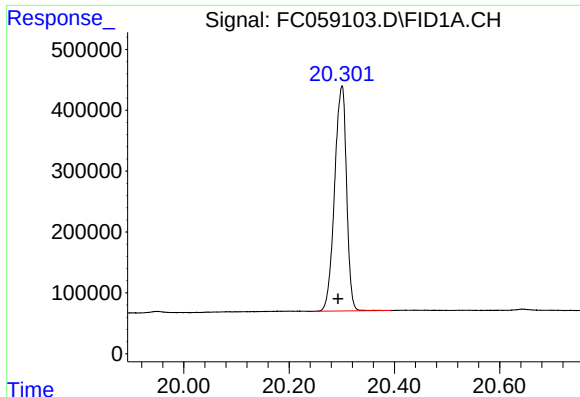
#19 n-Tetratriacontane (C34)

R.T.: 18.864 min
Delta R.T.: 0.006 min
Response: 5939455
Conc: 58.79 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.601 min
Delta R.T.: 0.006 min
Response: 5877496
Conc: 61.51 ug/ml



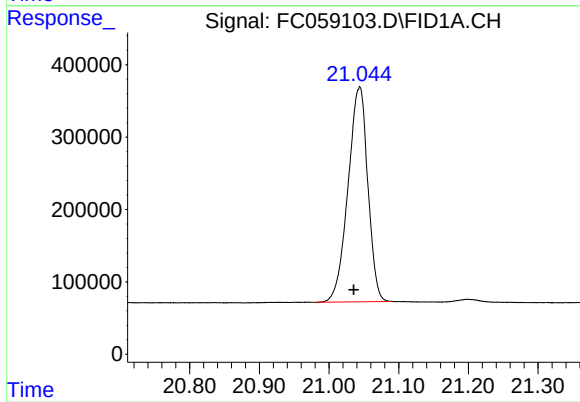
#21 n-Octatriacontane (C38)

R.T.: 20.299 min
Delta R.T.: 0.006 min
Response: 5831093
Conc: 63.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.043 min
Delta R.T.: 0.007 min
Response: 5859277
Conc: 63.04 ug/ml