

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011722AL\
 Data File : FC057943.D
 Signal(s) : FID1A.CH
 Acq On : 17 Jan 2022 12:12
 Operator : AJ\MA
 Sample : PB141981BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB141981BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/18/2022
 Supervised By :Ankita Jodhani 01/18/2022

Integration File: autoint1.e
 Quant Time: Jan 18 00:50:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 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)	10.715	9507972	49.171 ug/ml
Spiked Amount 50.000		Recovery =	98.34%
12) S 1-chlorooctadecane (S...	12.153	7347928	49.855 ug/ml
Spiked Amount 50.000		Recovery =	99.71%
Target Compounds			
1) T n-Nonane (C9)	2.647	7618216	47.640 ug/ml
2) T n-Decane (C10)	3.633	8258000	51.378 ug/ml
3) T A~Naphthalene (C11.7)	5.167	9837332	54.176 ug/ml
4) T n-Dodecane (C12)	5.600	8879548	55.057 ug/ml
5) T A~2-methylnaphthalene...	6.209	9761813	53.382 ug/ml
6) T n-Tetradecane (C14)	7.384	9043737	54.780 ug/ml
7) T n-Hexadecane (C16)	8.974	9219802	55.195 ug/ml
8) T n-Octadecane (C18)	10.411	9190056	53.403 ug/ml
10) T n-Eicosane (C20)	11.714	8979901	52.454 ug/ml
11) T n-Heneicosane (C21)	12.323	8637651	49.951 ug/ml
13) T n-Docosane (C22)	12.907	8465885	48.934 ug/ml
14) T n-Tetracosane (C24)	14.006	8162969	47.155 ug/ml
15) T n-Hexacosane (C26)	15.025	7777239	46.214 ug/ml
16) T n-Octacosane (C28)	15.970	7635023	46.656 ug/ml
17) T n-Tricontane (C30)	16.856	7272320	46.580 ug/ml
18) T n-Dotriacontane (C32)	17.684	6780270	48.630 ug/ml
19) T n-Tetratriacontane (C34)	18.465	5811395	46.757 ug/ml
20) T n-Hexatriacontane (C36)	19.203	4334197	38.984 ug/ml
21) T n-Octatriacontane (C38)	19.909	3382683	32.428 ug/ml
22) T n-Tetracontane (C40)	20.736	2977423	31.095 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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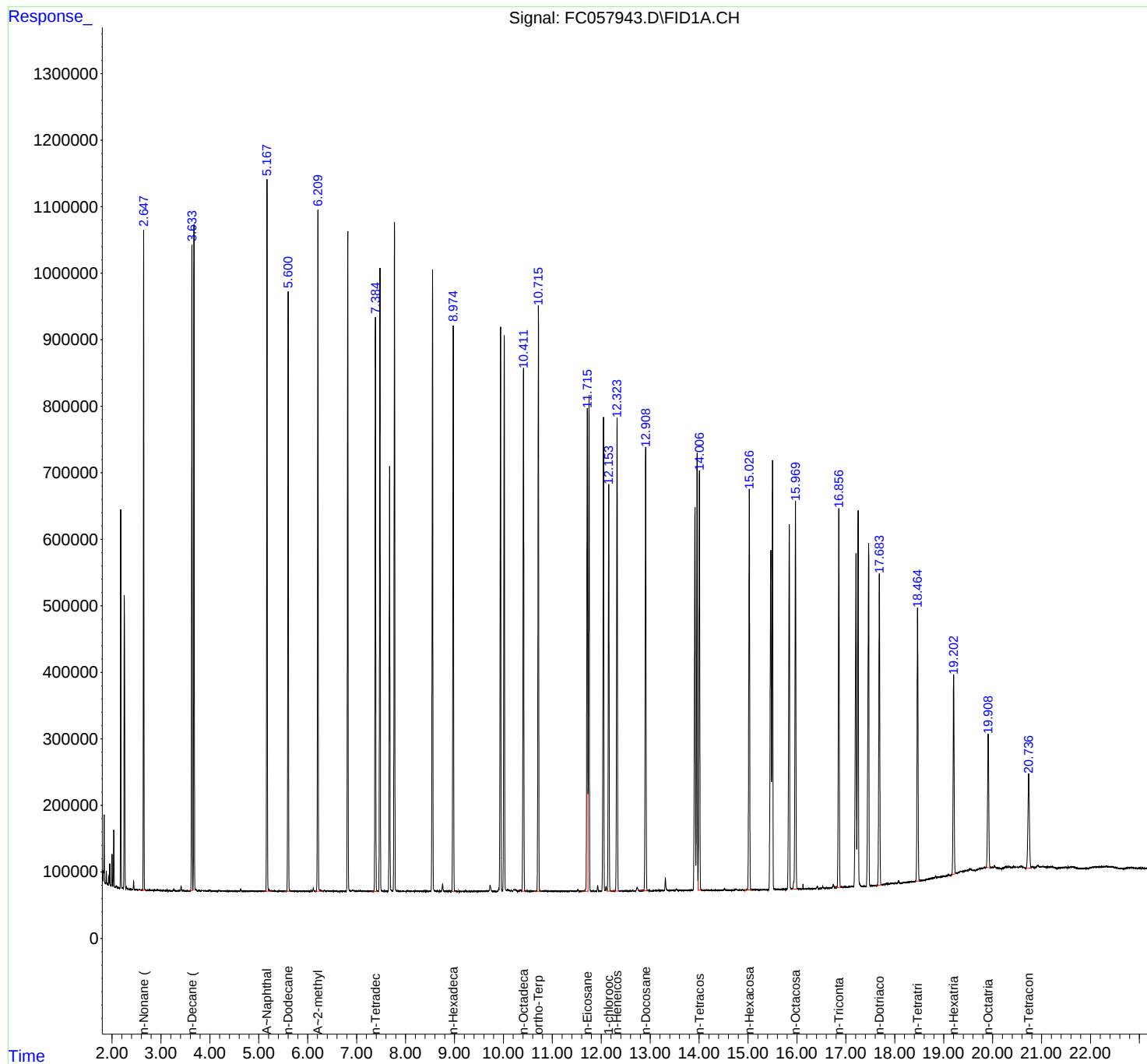
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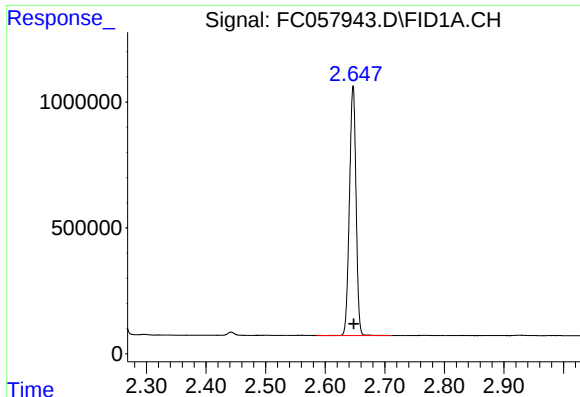
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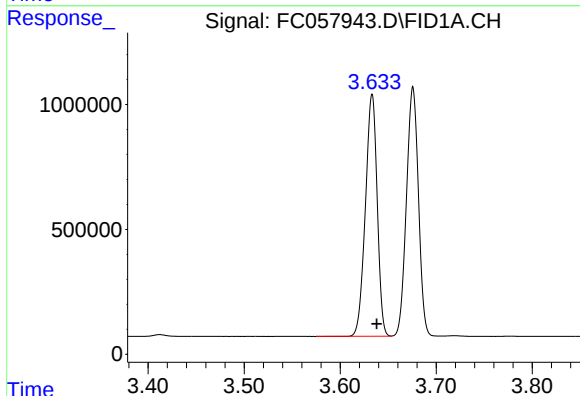
#1 n-Nonane (C9)

R.T.: 2.647 min
Delta R.T.: -0.001 min
Response: 7618216
Conc: 47.64 ug/ml

Instrument :
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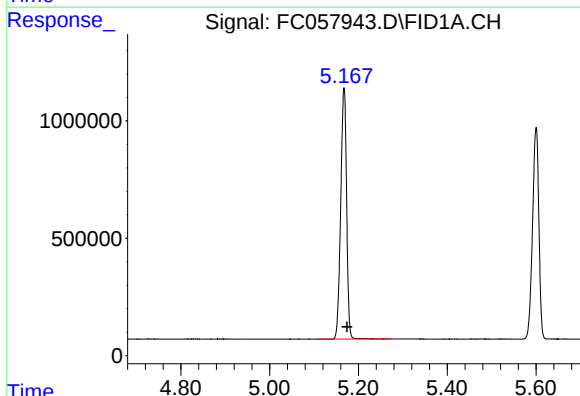
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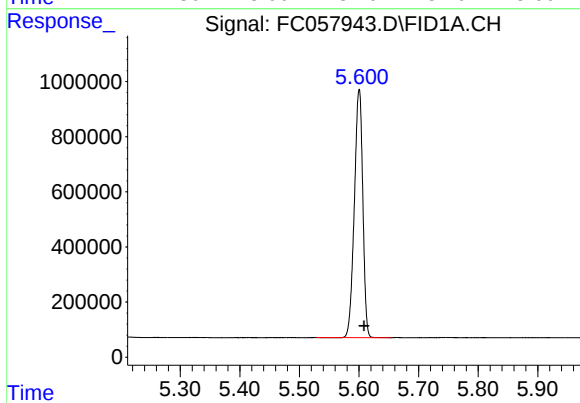
#2 n-Decane (C10)

R.T.: 3.633 min
Delta R.T.: -0.005 min
Response: 8258000
Conc: 51.38 ug/ml



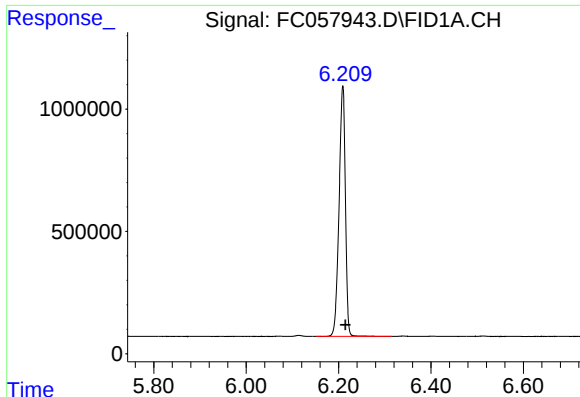
#3 A~Naphthalene (C11.7)

R.T.: 5.167 min
Delta R.T.: -0.007 min
Response: 9837332
Conc: 54.18 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.600 min
Delta R.T.: -0.009 min
Response: 8879548
Conc: 55.06 ug/ml



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

R.T.: 6.209 min
Delta R.T.: -0.006 min
Response: 9761813
Conc: 53.38 ug/ml

Instrument :

FID_C

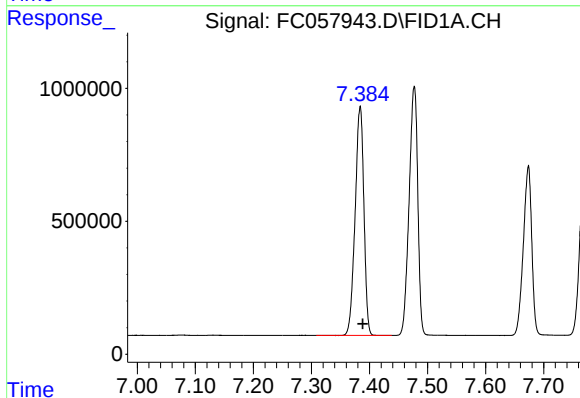
ClientSampleId :

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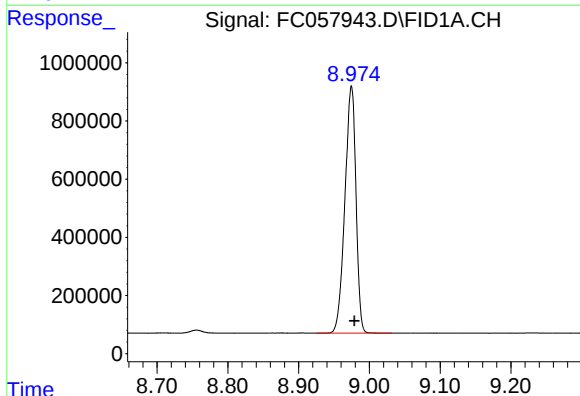
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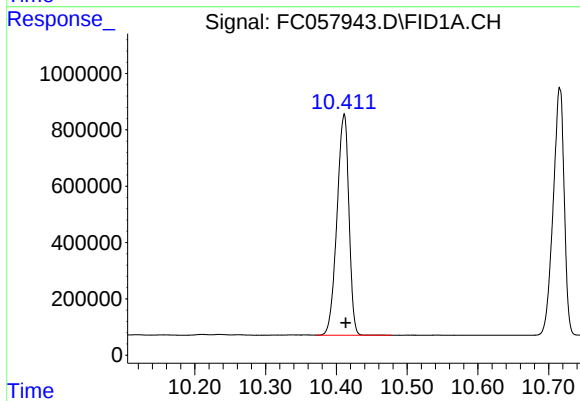
#6 n-Tetradecane (C14)

R.T.: 7.384 min
Delta R.T.: -0.005 min
Response: 9043737
Conc: 54.78 ug/ml



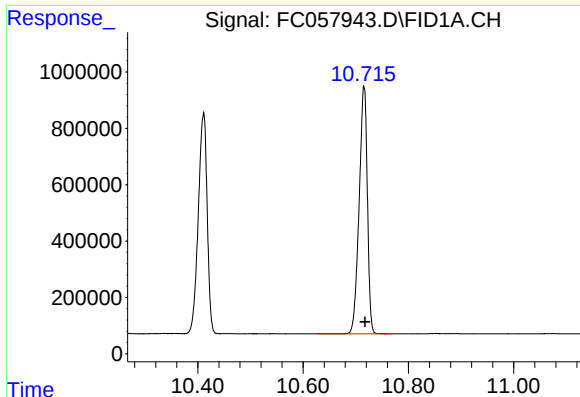
#7 n-Hexadecane (C16)

R.T.: 8.974 min
Delta R.T.: -0.005 min
Response: 9219802
Conc: 55.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.411 min
Delta R.T.: -0.003 min
Response: 9190056
Conc: 53.40 ug/ml



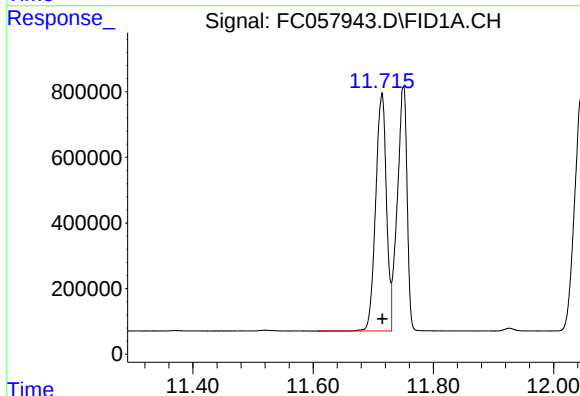
#9 ortho-Terphenyl (SURR)

R.T.: 10.715 min
Delta R.T.: -0.002 min
Response: 9507972
Conc: 49.17 ug/ml

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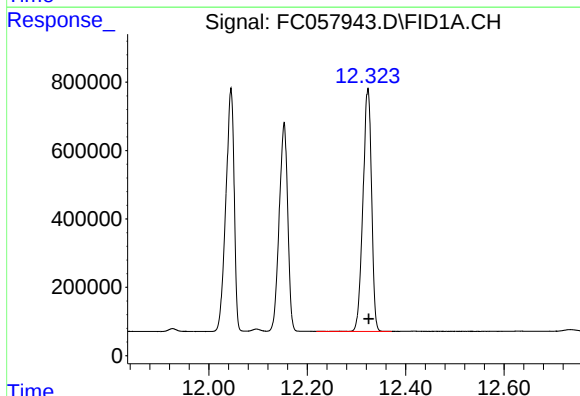
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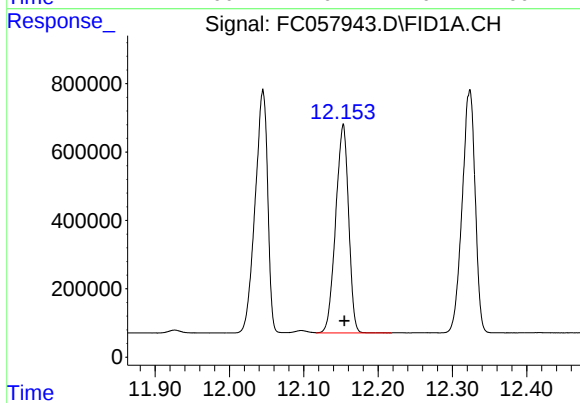
#10 n-Eicosane (C20)

R.T.: 11.714 min
Delta R.T.: -0.002 min
Response: 8979901
Conc: 52.45 ug/ml



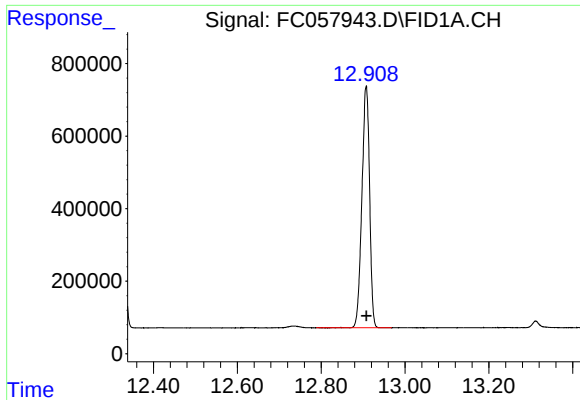
#11 n-Heneicosane (C21)

R.T.: 12.323 min
Delta R.T.: -0.002 min
Response: 8637651
Conc: 49.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.153 min
Delta R.T.: -0.002 min
Response: 7347928
Conc: 49.85 ug/ml



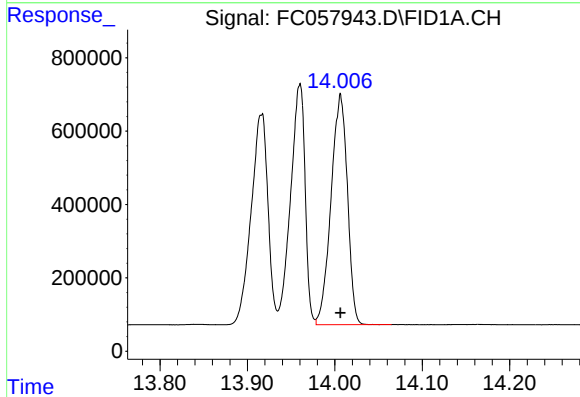
#13 n-Docosane (C22)

R.T.: 12.907 min
Delta R.T.: 0.000 min
Response: 8465885
Conc: 48.93 ug/ml

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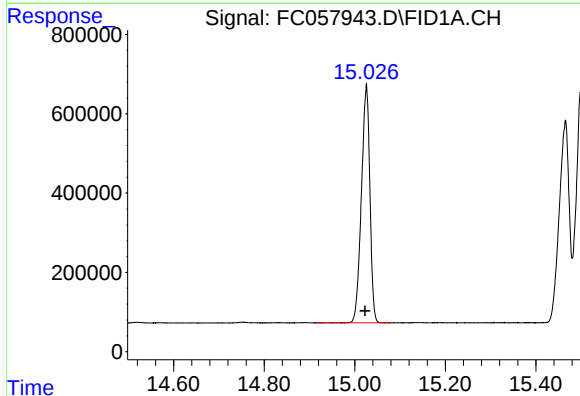
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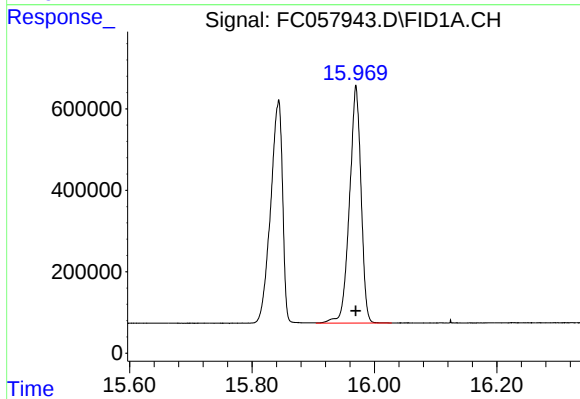
#14 n-Tetracosane (C24)

R.T.: 14.006 min
Delta R.T.: 0.000 min
Response: 8162969
Conc: 47.16 ug/ml



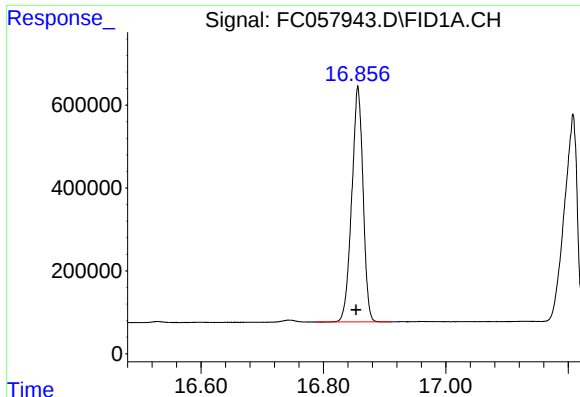
#15 n-Hexacosane (C26)

R.T.: 15.025 min
Delta R.T.: 0.002 min
Response: 7777239
Conc: 46.21 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.970 min
Delta R.T.: 0.000 min
Response: 7635023
Conc: 46.66 ug/ml



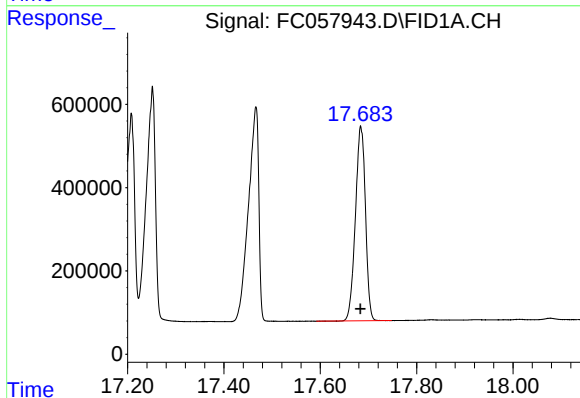
#17 n-Tricontane (C30)

R.T.: 16.856 min
Delta R.T.: 0.003 min
Response: 7272320
Conc: 46.58 ug/ml

Instrument :
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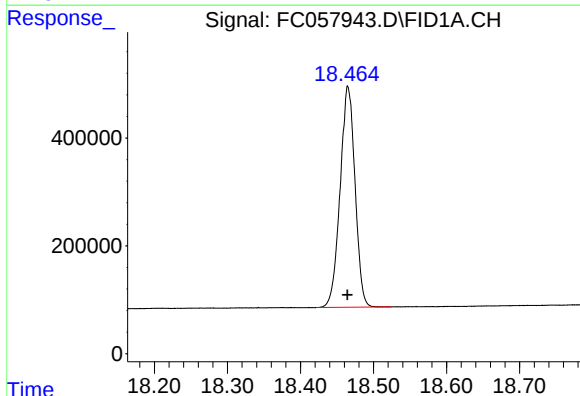
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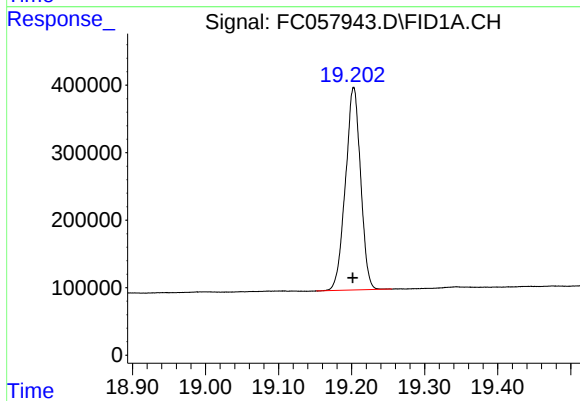
#18 n-Dotriacontane (C32)

R.T.: 17.684 min
Delta R.T.: 0.001 min
Response: 6780270
Conc: 48.63 ug/ml



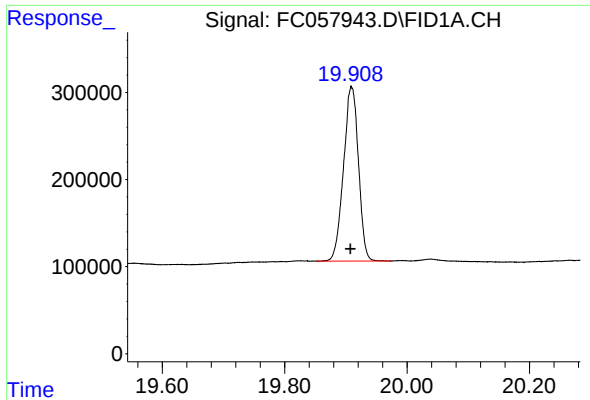
#19 n-Tetratriacontane (C34)

R.T.: 18.465 min
Delta R.T.: 0.000 min
Response: 5811395
Conc: 46.76 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.203 min
Delta R.T.: 0.001 min
Response: 4334197
Conc: 38.98 ug/ml



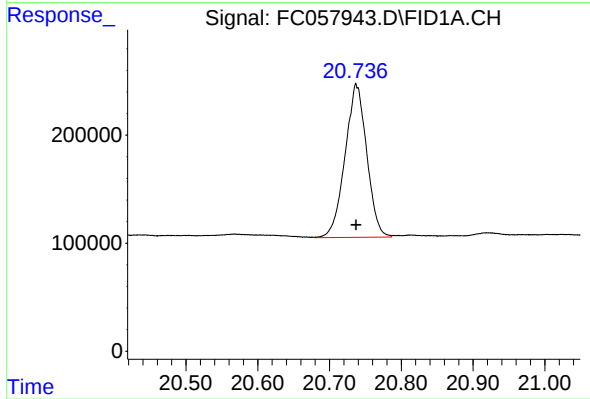
#21 n-Octatriacontane (C38)

R.T.: 19.909 min
Delta R.T.: 0.002 min
Response: 3382683
Conc: 32.43 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.736 min
Delta R.T.: 0.000 min
Response: 2977423
Conc: 31.10 ug/ml m