

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010522AL\
 Data File : FC057719.D
 Signal(s) : FID1A.CH
 Acq On : 05 Jan 2022 19:45
 Operator : AJ\MA
 Sample : N1018-08MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 FM-E3-02-4.5MSD

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Jan 05 23:58:57 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)	10.718	7687504	39.756 ug/ml
Spiked Amount 50.000		Recovery =	79.51%
12) S 1-chlorooctadecane (S...	12.155	5852651	39.709 ug/ml
Spiked Amount 50.000		Recovery =	79.42%
Target Compounds			
1) T n-Nonane (C9)	2.669	8212241	51.355 ug/ml
2) T n-Decane (C10)	3.649	8547552	53.179 ug/ml
3) T A~Naphthalene (C11.7)	5.178	9880828	54.416 ug/ml
4) T n-Dodecane (C12)	5.610	8686173	53.858 ug/ml
5) T A~2-methylnaphthalene...	6.216	9564894	52.305 ug/ml
6) T n-Tetradecane (C14)	7.390	8748067	52.989 ug/ml
7) T n-Hexadecane (C16)	8.980	8904695	53.309 ug/ml
8) T n-Octadecane (C18)	10.415	8856412	51.465 ug/ml
10) T n-Eicosane (C20)	11.718	8986539	52.493 ug/ml
11) T n-Heneicosane (C21)	12.326	8466357	48.960 ug/ml
13) T n-Docosane (C22)	12.910	8391560	48.505 ug/ml
14) T n-Tetracosane (C24)	14.008	8249302	47.654 ug/ml
15) T n-Hexacosane (C26)	15.028	7885466	46.857 ug/mlm
16) T n-Octacosane (C28)	15.971	7752439	47.374 ug/ml
17) T n-Tricontane (C30)	16.857	7259617	46.499 ug/ml
18) T n-Dotriacontane (C32)	17.685	6634067	47.582 ug/ml
19) T n-Tetratriacontane (C34)	18.465	5741475	46.195 ug/ml
20) T n-Hexatriacontane (C36)	19.203	4680709	42.101 ug/ml
21) T n-Octatriacontane (C38)	19.909	4305630	41.275 ug/ml
22) T n-Tetracontane (C40)	20.737	4379245	45.735 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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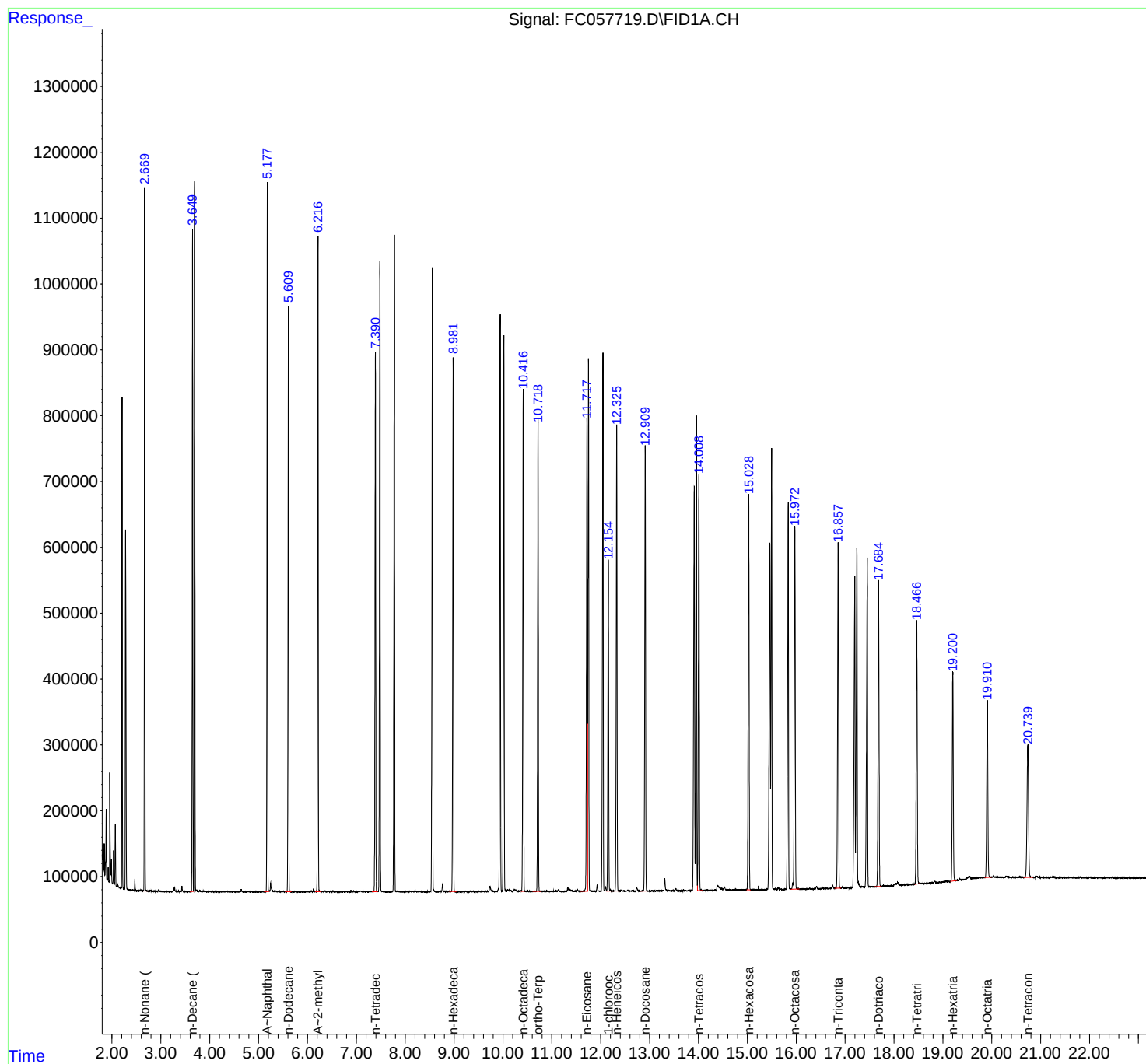
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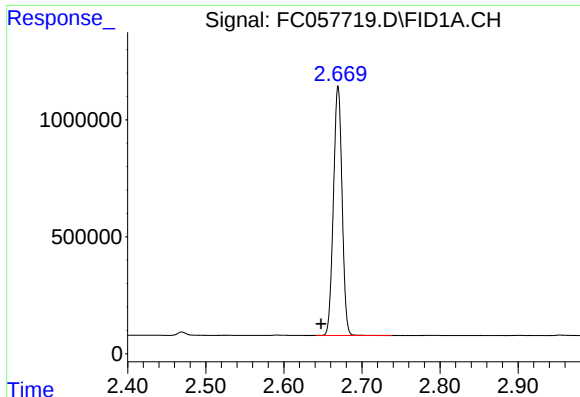
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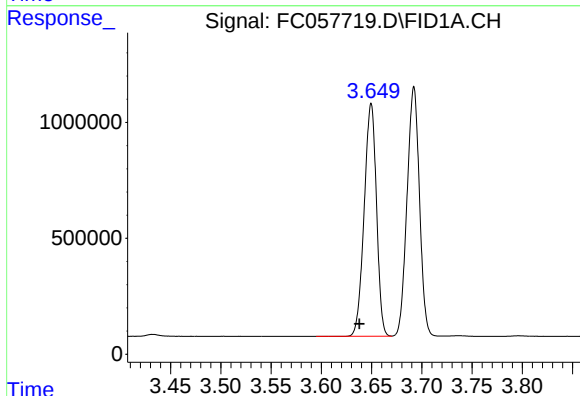
#1 n-Nonane (C9)

R.T.: 2.669 min
Delta R.T.: 0.021 min
Response: 8212241
Conc: 51.35 ug/ml

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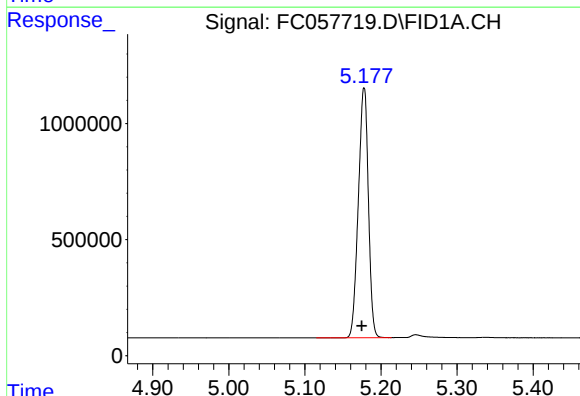
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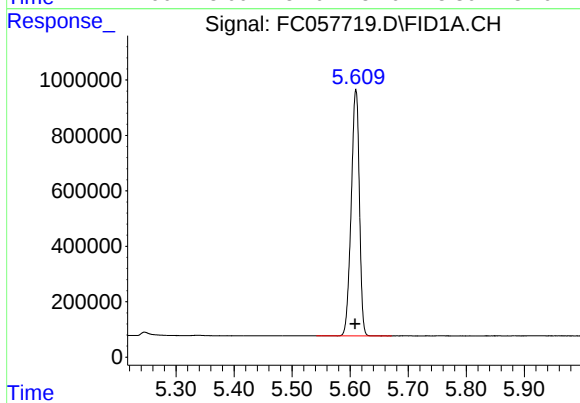
#2 n-Decane (C10)

R.T.: 3.649 min
Delta R.T.: 0.011 min
Response: 8547552
Conc: 53.18 ug/ml



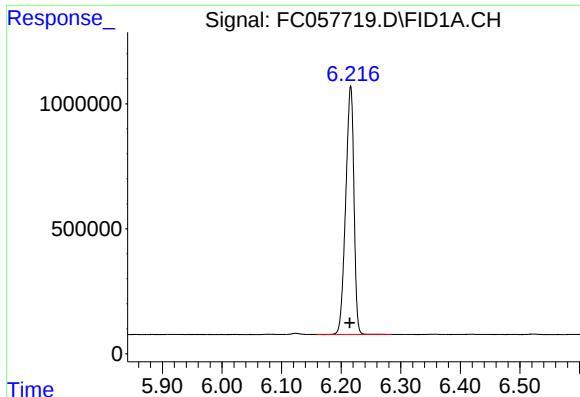
#3 A~Naphthalene (C11.7)

R.T.: 5.178 min
Delta R.T.: 0.003 min
Response: 9880828
Conc: 54.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.610 min
Delta R.T.: 0.000 min
Response: 8686173
Conc: 53.86 ug/ml



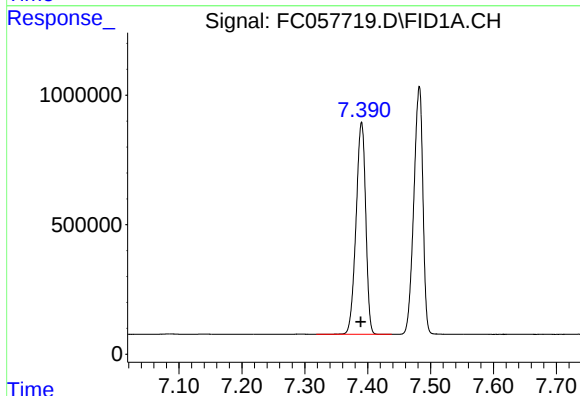
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.216 min
Delta R.T.: 0.000 min
Response: 9564894
Conc: 52.31 ug/ml

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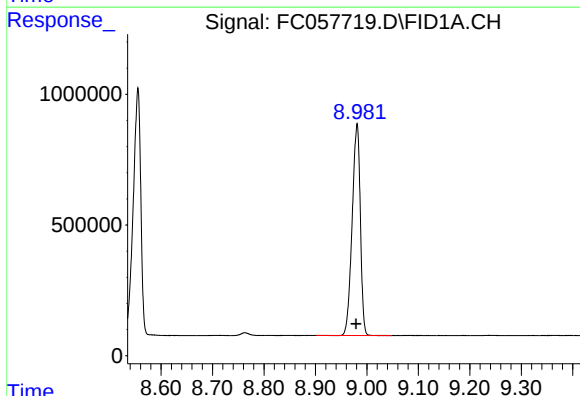
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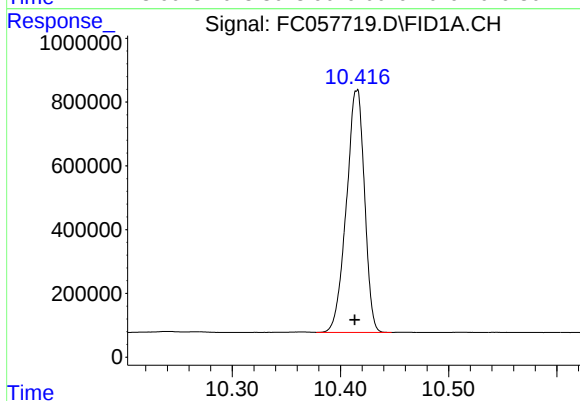
#6 n-Tetradecane (C14)

R.T.: 7.390 min
Delta R.T.: 0.001 min
Response: 8748067
Conc: 52.99 ug/ml



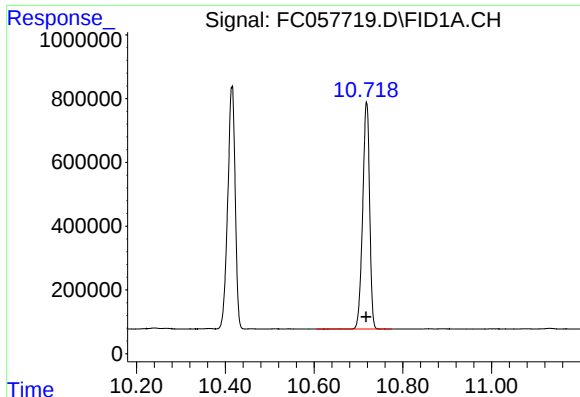
#7 n-Hexadecane (C16)

R.T.: 8.980 min
Delta R.T.: 0.002 min
Response: 8904695
Conc: 53.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.415 min
Delta R.T.: 0.002 min
Response: 8856412
Conc: 51.46 ug/ml



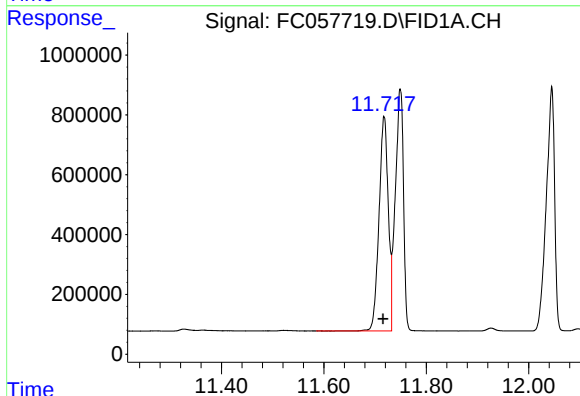
#9 ortho-Terphenyl (SURR)

R.T.: 10.718 min
Delta R.T.: 0.000 min
Response: 7687504
Conc: 39.76 ug/ml

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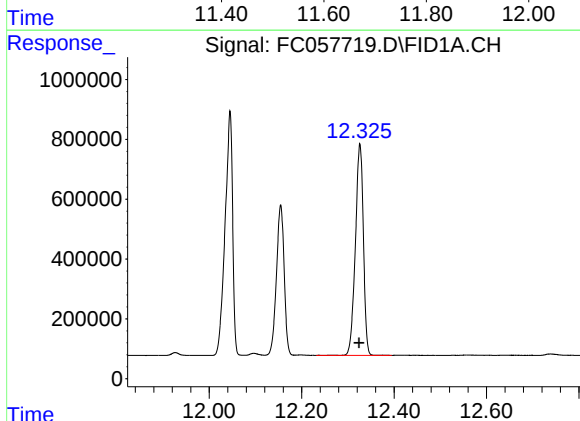
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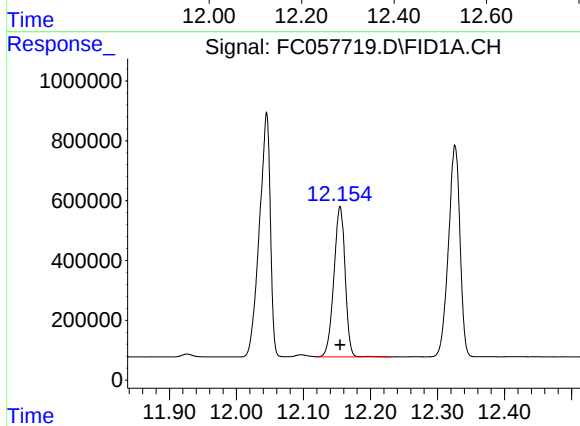
#10 n-Eicosane (C20)

R.T.: 11.718 min
Delta R.T.: 0.002 min
Response: 8986539
Conc: 52.49 ug/ml



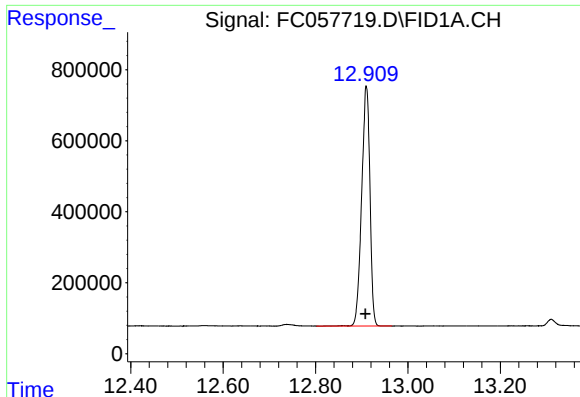
#11 n-Heneicosane (C21)

R.T.: 12.326 min
Delta R.T.: 0.001 min
Response: 8466357
Conc: 48.96 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.155 min
Delta R.T.: 0.000 min
Response: 5852651
Conc: 39.71 ug/ml



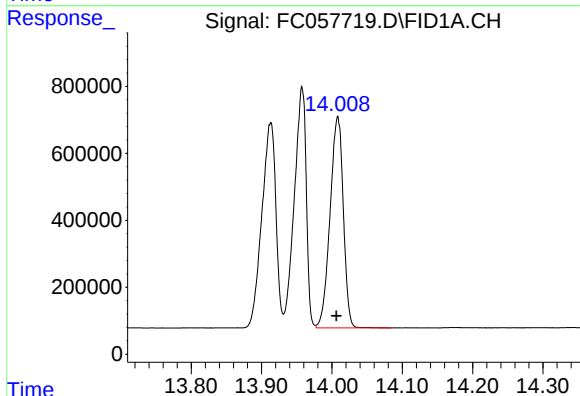
#13 n-Docosane (C22)

R.T.: 12.910 min
Delta R.T.: 0.002 min
Response: 8391560
Conc: 48.50 ug/ml

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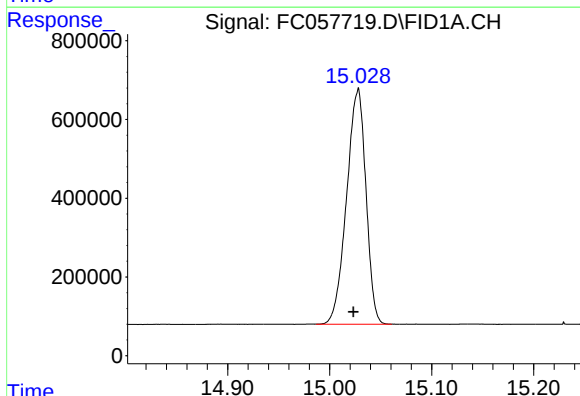
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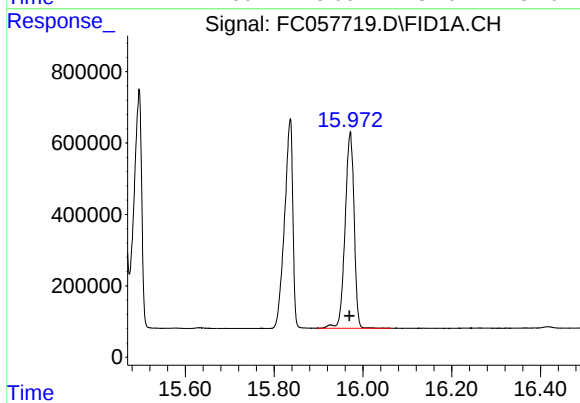
#14 n-Tetracosane (C24)

R.T.: 14.008 min
Delta R.T.: 0.002 min
Response: 8249302
Conc: 47.65 ug/ml



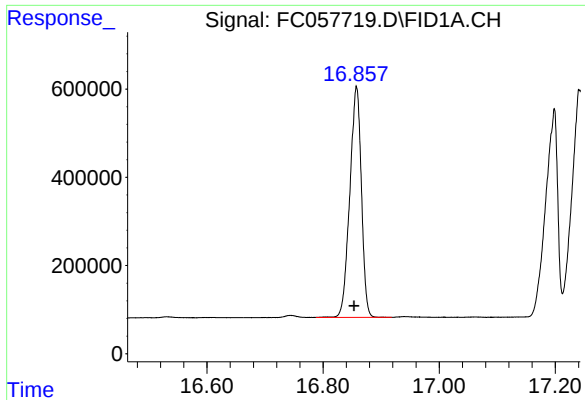
#15 n-Hexacosane (C26)

R.T.: 15.028 min
Delta R.T.: 0.005 min
Response: 7885466
Conc: 46.86 ug/ml m



#16 n-Octacosane (C28)

R.T.: 15.971 min
Delta R.T.: 0.002 min
Response: 7752439
Conc: 47.37 ug/ml



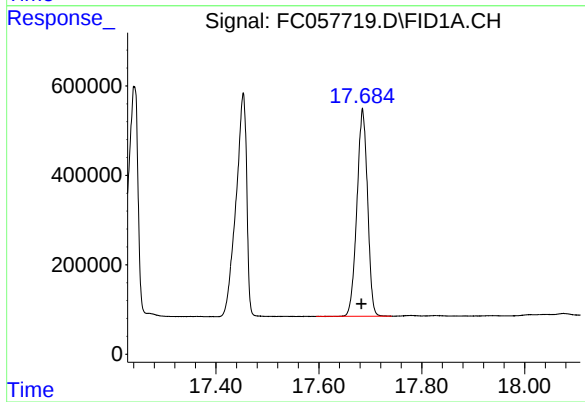
#17 n-Tricontane (C30)

R.T.: 16.857 min
Delta R.T.: 0.004 min
Response: 7259617
Conc: 46.50 ug/ml

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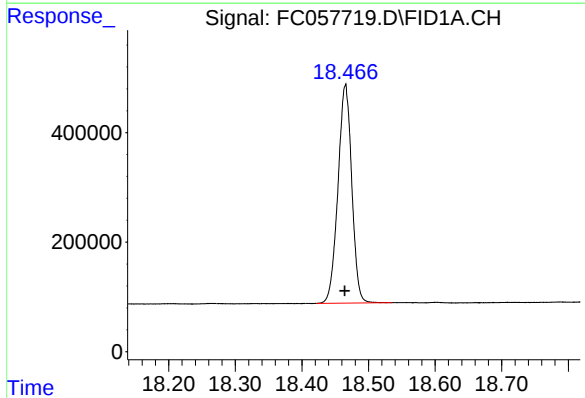
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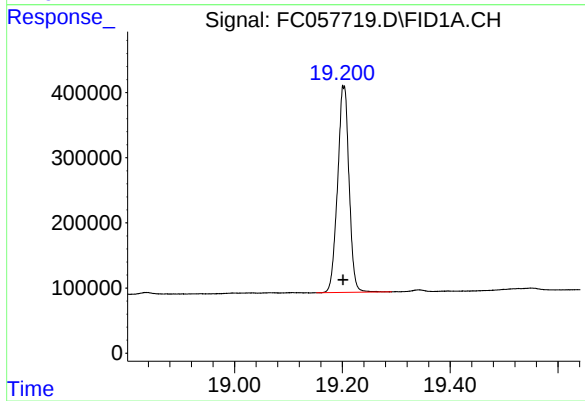
#18 n-Dotriacontane (C32)

R.T.: 17.685 min
Delta R.T.: 0.002 min
Response: 6634067
Conc: 47.58 ug/ml



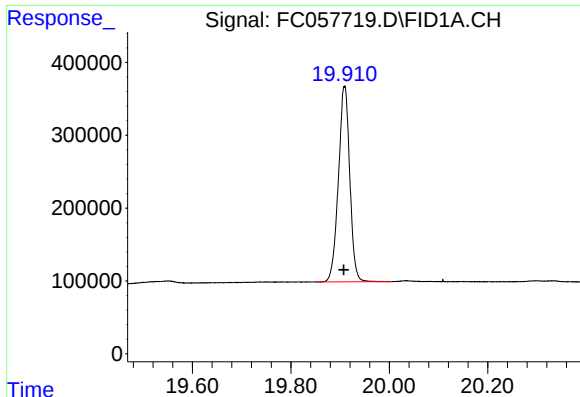
#19 n-Tetratriacontane (C34)

R.T.: 18.465 min
Delta R.T.: 0.000 min
Response: 5741475
Conc: 46.19 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.203 min
Delta R.T.: 0.001 min
Response: 4680709
Conc: 42.10 ug/ml



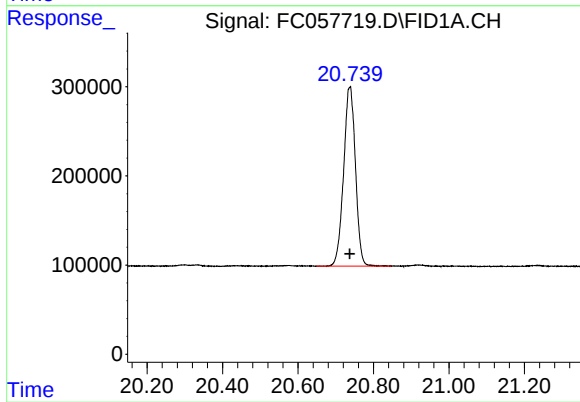
#21 n-Octatriacontane (C38)

R.T.: 19.909 min
Delta R.T.: 0.002 min
Response: 4305630
Conc: 41.28 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.737 min
Delta R.T.: 0.000 min
Response: 4379245
Conc: 45.74 ug/ml