

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102921AL\
 Data File : FC056506.D
 Signal(s) : FID1A.CH
 Acq On : 29 Oct 2021 18:06
 Operator : AJ\MA
 Sample : M4393-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 T-1MSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/01/2021
 Supervised By :mohammad ahmed 11/01/2021

Integration File: autoint1.e
 Quant Time: Oct 30 00:18:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 2021
 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)	11.625	4796631	38.739 ug/ml
Spiked Amount 50.000		Recovery =	77.48%
12) S 1-chlorooctadecane (S...	13.055	3974868	41.309 ug/ml
Spiked Amount 50.000		Recovery =	82.62%
Target Compounds			
1) T n-Nonane (C9)	3.404	5326158	49.210 ug/ml
2) T n-Decane (C10)	4.459	5645713	52.412 ug/ml
3) T A~Naphthalene (C11.7)	6.042	5965500	48.929 ug/ml
4) T n-Dodecane (C12)	6.469	5779657	52.428 ug/ml
5) T A~2-methylnaphthalene...	7.099	5630571	45.979 ug/ml
6) T n-Tetradecane (C14)	8.265	5744286	51.166 ug/ml
7) T n-Hexadecane (C16)	9.862	5546259	48.784 ug/ml
8) T n-Octadecane (C18)	11.304	5530396	47.326 ug/ml
10) T n-Eicosane (C20)	12.612	5154489	44.850 ug/ml
11) T n-Heneicosane (C21)	13.222	5015903	43.646 ug/ml
13) T n-Docosane (C22)	13.807	4862350	43.188 ug/ml
14) T n-Tetracosane (C24)	14.905	9128548	82.833 ug/ml
15) T n-Hexacosane (C26)	15.927	4533944	42.957 ug/ml
16) T n-Octacosane (C28)	16.870	4525912	43.633 ug/ml
17) T n-Tricontane (C30)	17.757	4408223	42.547 ug/ml
18) T n-Dotriacontane (C32)	18.584	4184431	43.675 ug/ml
19) T n-Tetratriacontane (C34)	19.362	3571328	40.718 ug/ml
20) T n-Hexatriacontane (C36)	20.097	2804578	34.264 ug/mlm
21) T n-Octatriacontane (C38)	20.834	2175557	27.202 ug/ml
22) T n-Tetracontane (C40)	21.750	1885894	22.890 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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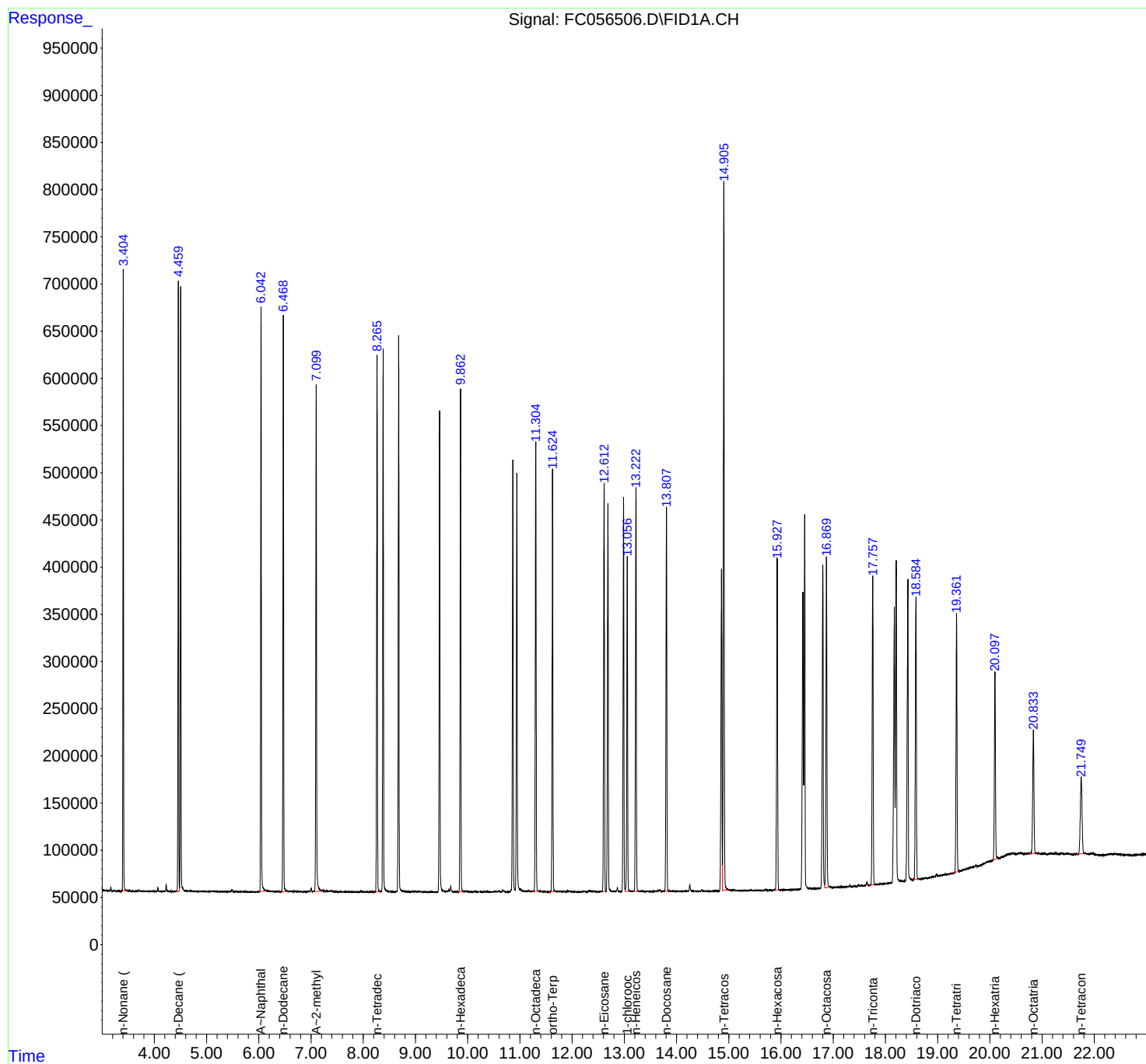
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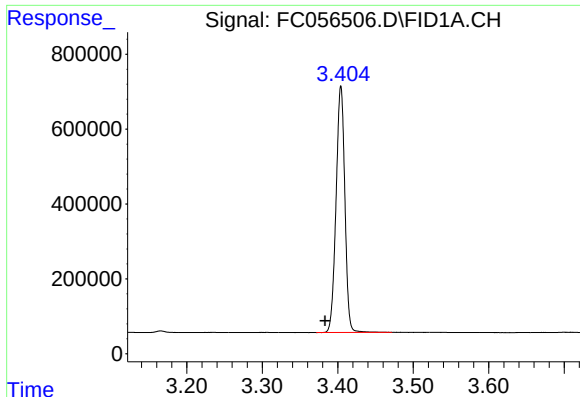
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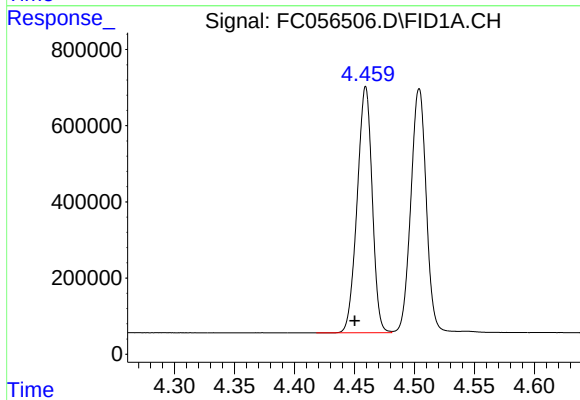
#1 n-Nonane (C9)

R.T.: 3.404 min
Delta R.T.: 0.021 min
Response: 5326158
Conc: 49.21 ug/ml

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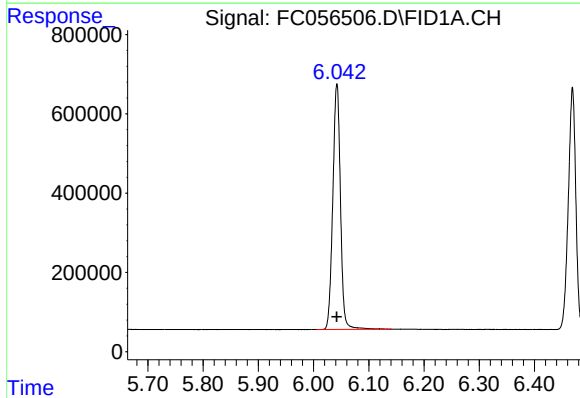
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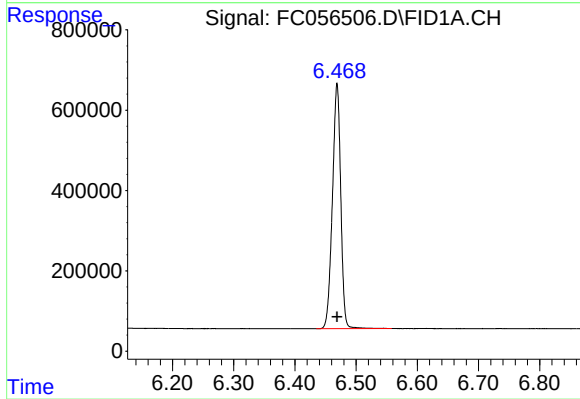
#2 n-Decane (C10)

R.T.: 4.459 min
Delta R.T.: 0.009 min
Response: 5645713
Conc: 52.41 ug/ml



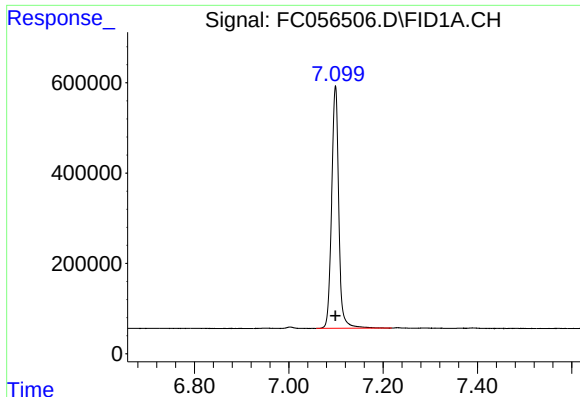
#3 A~Naphthalene (C11.7)

R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 5965500
Conc: 48.93 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.469 min
Delta R.T.: 0.000 min
Response: 5779657
Conc: 52.43 ug/ml



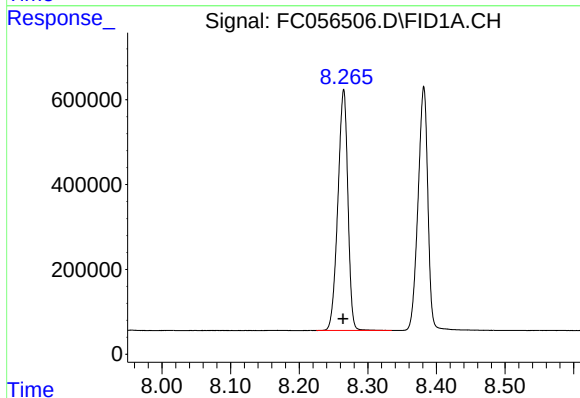
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 5630571
Conc: 45.98 ug/ml

Instrument :
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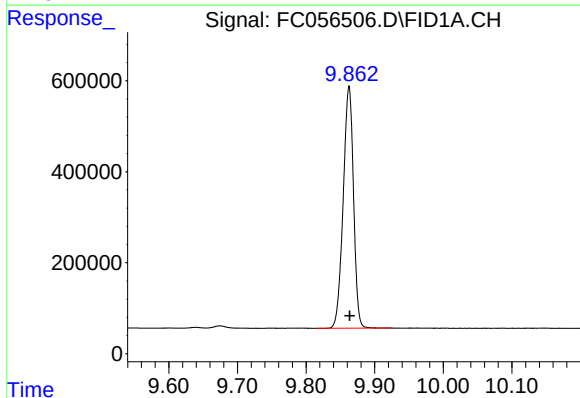
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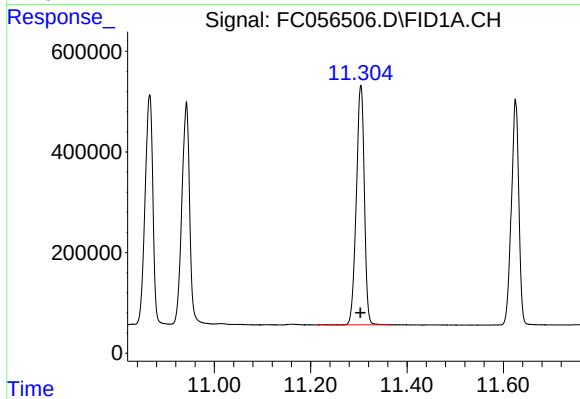
#6 n-Tetradecane (C14)

R.T.: 8.265 min
Delta R.T.: 0.000 min
Response: 5744286
Conc: 51.17 ug/ml



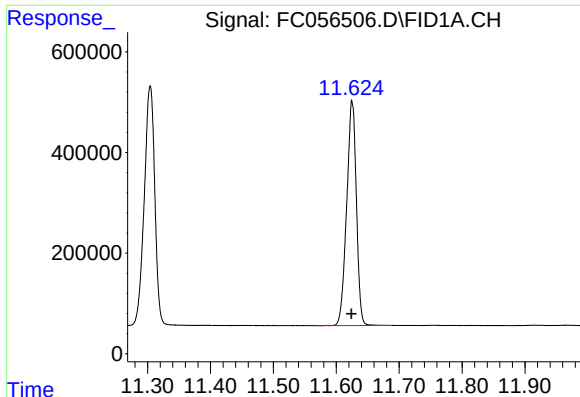
#7 n-Hexadecane (C16)

R.T.: 9.862 min
Delta R.T.: -0.001 min
Response: 5546259
Conc: 48.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.304 min
Delta R.T.: 0.000 min
Response: 5530396
Conc: 47.33 ug/ml



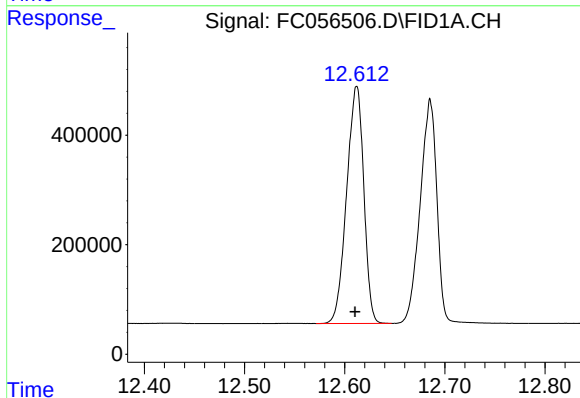
#9 ortho-Terphenyl (SURR)

R.T.: 11.625 min
Delta R.T.: 0.001 min
Response: 4796631
Conc: 38.74 ug/ml

Instrument :
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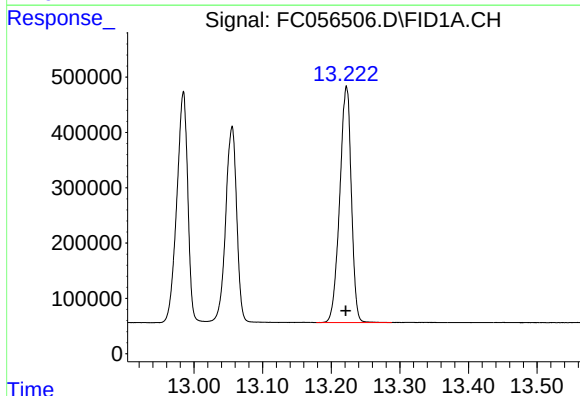
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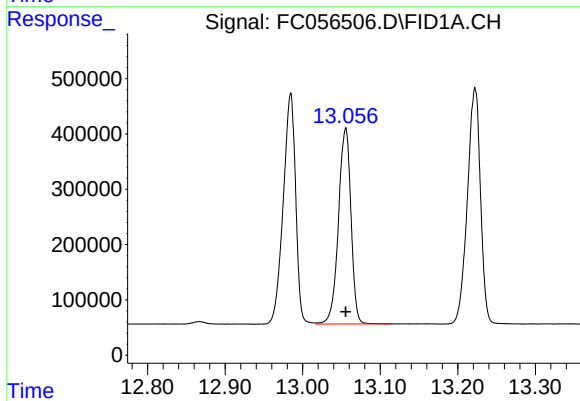
#10 n-Eicosane (C20)

R.T.: 12.612 min
Delta R.T.: 0.001 min
Response: 5154489
Conc: 44.85 ug/ml



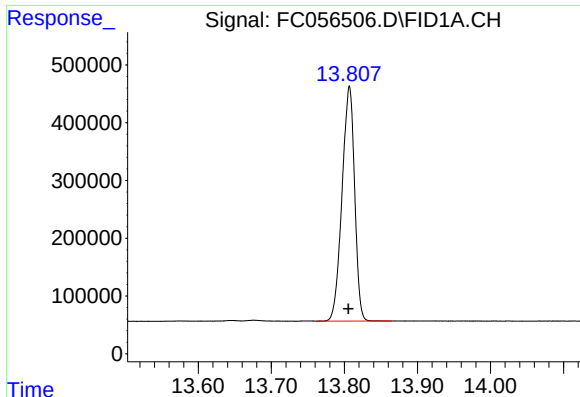
#11 n-Heneicosane (C21)

R.T.: 13.222 min
Delta R.T.: 0.000 min
Response: 5015903
Conc: 43.65 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.055 min
Delta R.T.: 0.000 min
Response: 3974868
Conc: 41.31 ug/ml



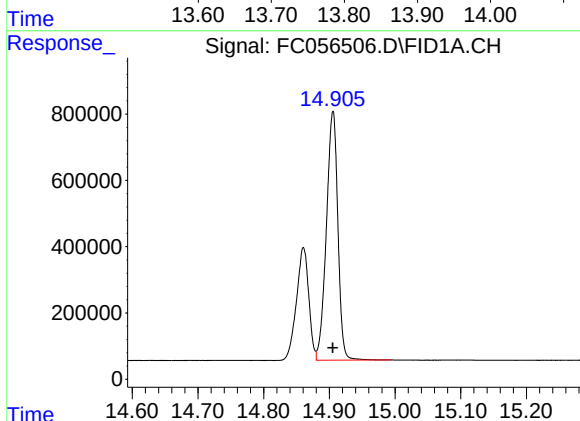
#13 n-Docosane (C22)

R.T.: 13.807 min
Delta R.T.: 0.001 min
Response: 4862350
Conc: 43.19 ug/ml

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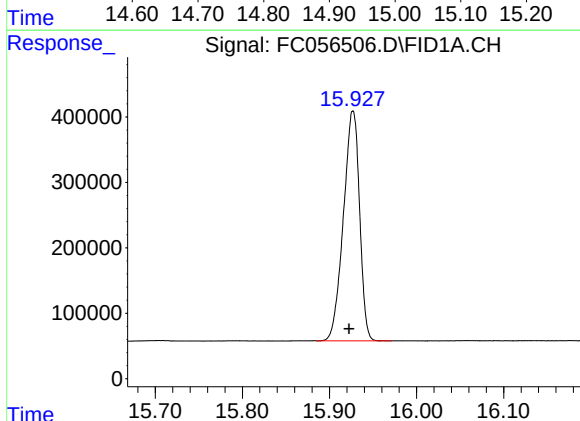
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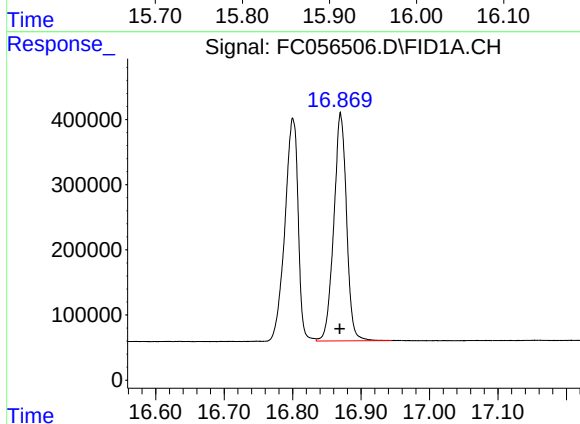
#14 n-Tetracosane (C24)

R.T.: 14.905 min
Delta R.T.: 0.000 min
Response: 9128548
Conc: 82.83 ug/ml



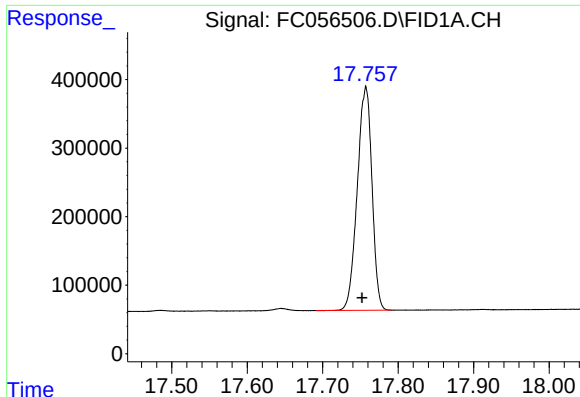
#15 n-Hexacosane (C26)

R.T.: 15.927 min
Delta R.T.: 0.004 min
Response: 4533944
Conc: 42.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.870 min
Delta R.T.: 0.002 min
Response: 4525912
Conc: 43.63 ug/ml



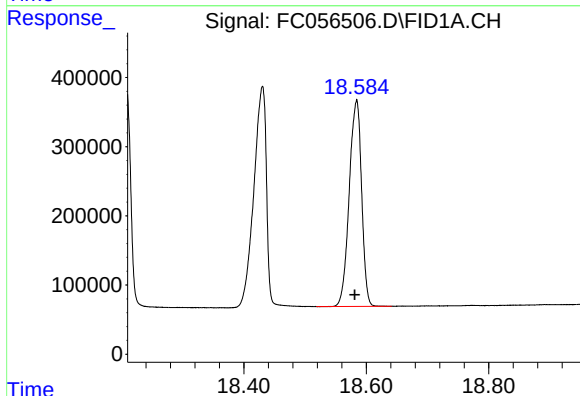
#17 n-Tricontane (C30)

R.T.: 17.757 min
Delta R.T.: 0.005 min
Response: 4408223
Conc: 42.55 ug/ml

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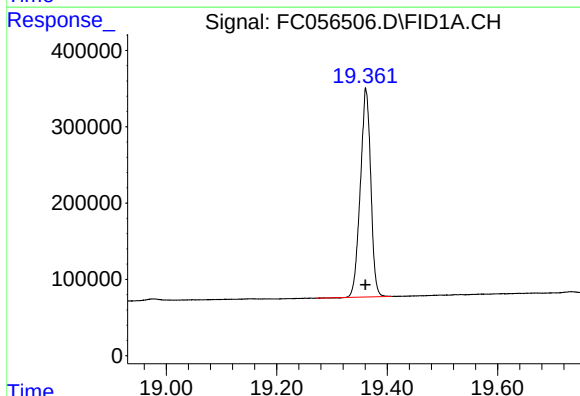
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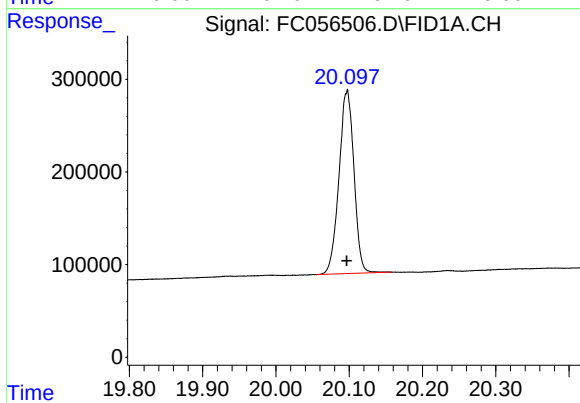
#18 n-Dotriacontane (C32)

R.T.: 18.584 min
Delta R.T.: 0.003 min
Response: 4184431
Conc: 43.67 ug/ml



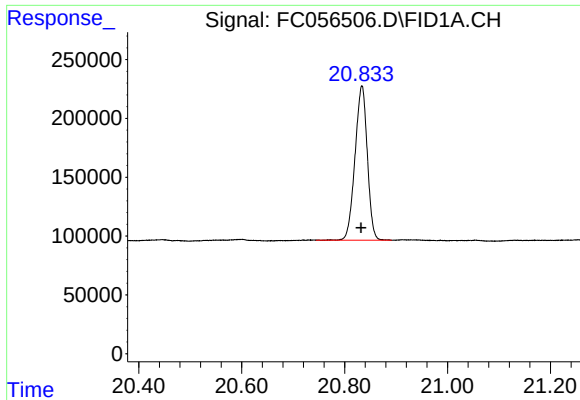
#19 n-Tetratriacontane (C34)

R.T.: 19.362 min
Delta R.T.: 0.001 min
Response: 3571328
Conc: 40.72 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.097 min
Delta R.T.: 0.000 min
Response: 2804578
Conc: 34.26 ug/ml m



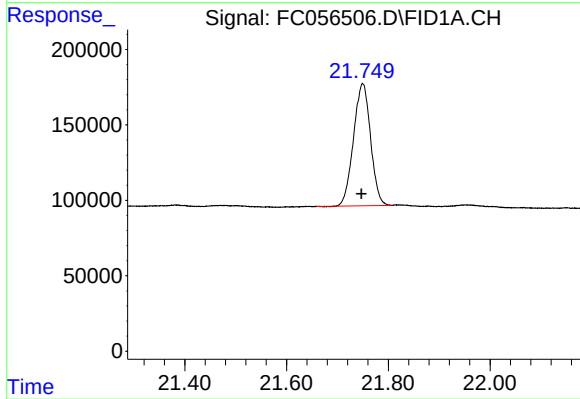
#21 n-Octatriacontane (C38)

R.T.: 20.834 min
Delta R.T.: 0.001 min
Response: 2175557
Conc: 27.20 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.750 min
Delta R.T.: 0.003 min
Response: 1885894
Conc: 22.89 ug/ml