

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC043024AL\
 Data File : FC066264.D
 Signal(s) : FID1A.ch
 Acq On : 30 Apr 2024 17:16
 Operator : YP/AJ
 Sample : PB160634BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB160634BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/01/2024
 Supervised By :mohammad ahmed 05/02/2024

Integration File: autoint1.e
 Quant Time: May 01 03:06:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 041524.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 16 08:19:15 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)	11.564	4308337	31.199 ug/ml
Spiked Amount 50.000		Recovery =	62.40%
12) S 1-chlorooctadecane (S...	13.004	3246744	33.089 ug/ml
Spiked Amount 50.000		Recovery =	66.18%
Target Compounds			
1) T n-Nonane (C9)	3.333	4137565	32.140 ug/ml
2) T n-Decane (C10)	4.395	4281395	32.835 ug/ml
3) T A~Naphthalene (C11.7)	5.972	4610425	32.146 ug/ml
4) T n-Dodecane (C12)	6.409	4355571	33.638 ug/ml
5) T A~2-methylnaphthalene...	7.029	4480092	32.535 ug/ml
6) T n-Tetradecane (C14)	8.206	4307933	34.226 ug/ml
7) T n-Hexadecane (C16)	9.807	4215342	33.094 ug/ml
8) T n-Octadecane (C18)	11.250	4253527	33.417 ug/ml
10) T n-Eicosane (C20)	12.560	4214444	34.972 ug/ml
11) T n-Heneicosane (C21)	13.173	4079874	34.481 ug/ml
13) T n-Docosane (C22)	13.759	4045787	34.463 ug/ml
14) T n-Tetracosane (C24)	14.863	3886173	33.308 ug/ml
15) T n-Hexacosane (C26)	15.886	3989043	34.700 ug/ml
16) T n-Octacosane (C28)	16.834	4063729	35.857 ug/ml
17) T n-Tricontane (C30)	17.724	4070895	35.140 ug/ml
18) T n-Dotriacontane (C32)	18.557	3995618	34.801 ug/mlm
19) T n-Tetratriacontane (C34)	19.339	3866001	35.203 ug/ml
20) T n-Hexatriacontane (C36)	20.079	3395401	32.895 ug/mlm
21) T n-Octatriacontane (C38)	20.816	2838052	29.113 ug/ml
22) T n-Tetracontane (C40)	21.727	2036448	22.505 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB160634BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

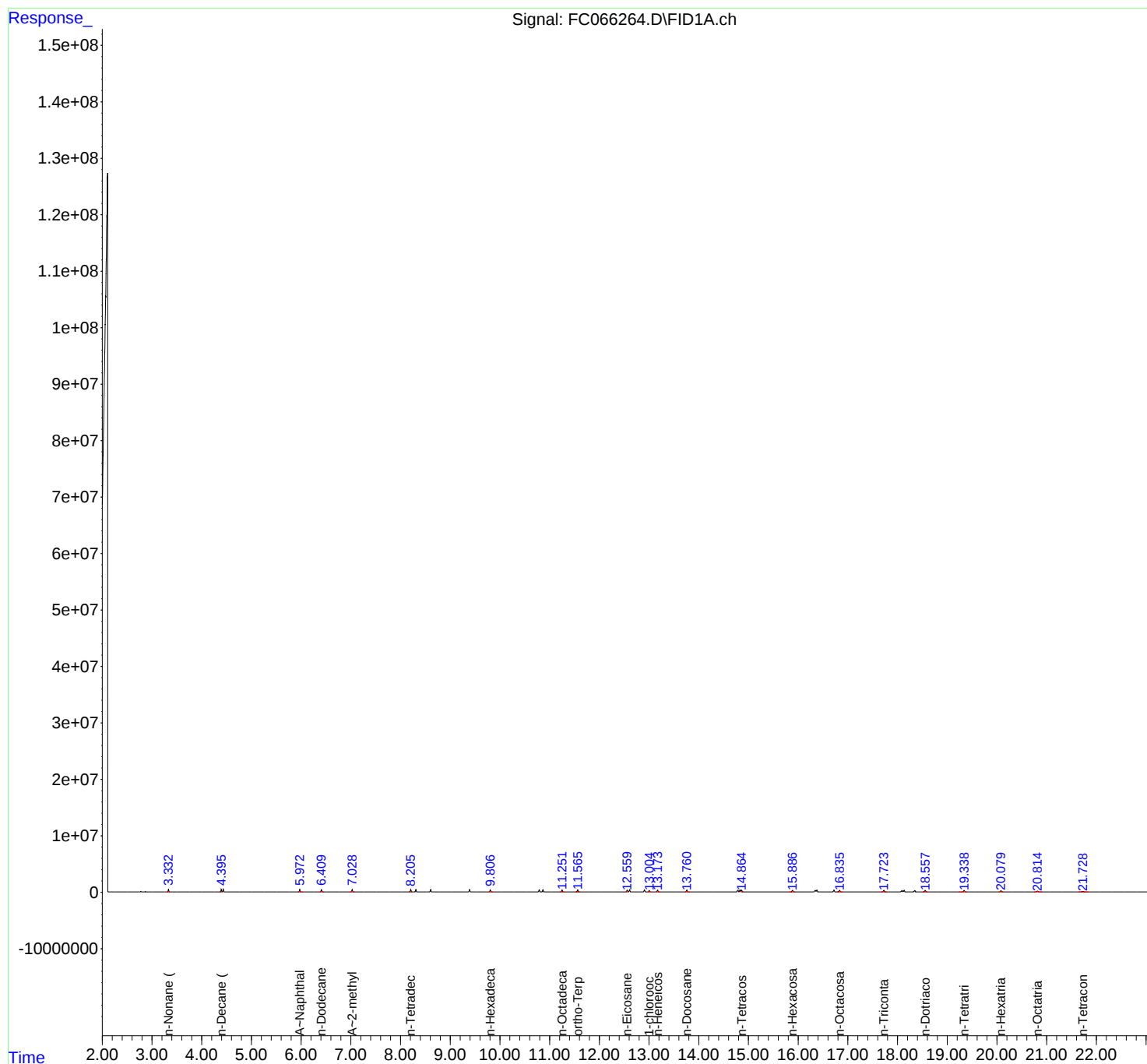
Instrument :
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PB160634BSD

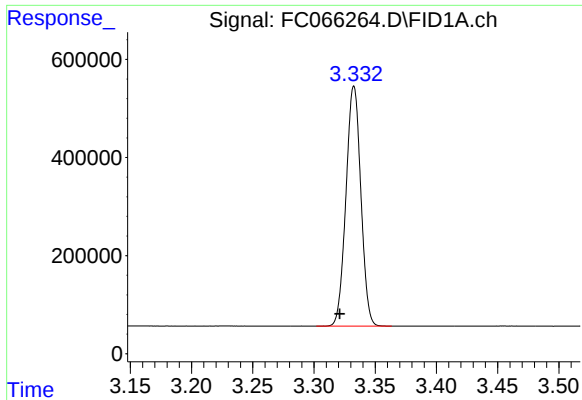
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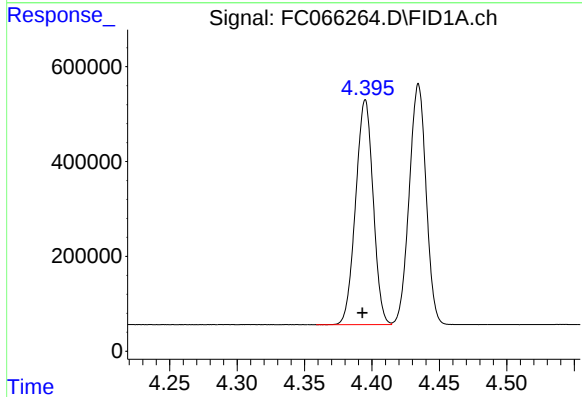
#1 n-Nonane (C9)

R.T.: 3.333 min
Delta R.T.: 0.012 min
Response: 4137565
Conc: 32.14 ug/ml

Instrument :
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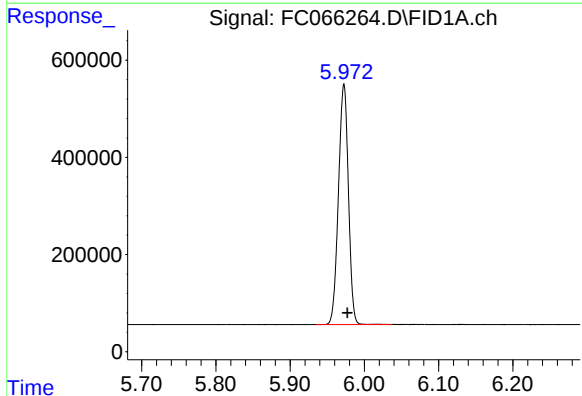
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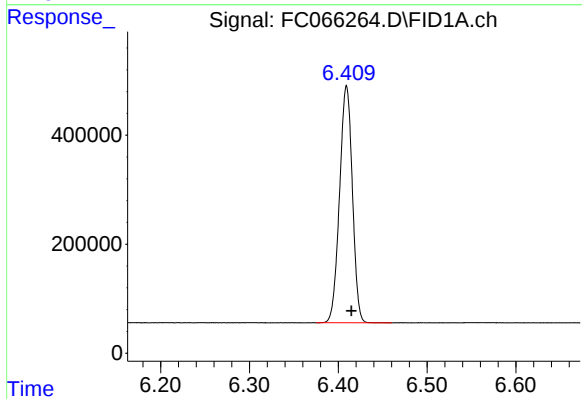
#2 n-Decane (C10)

R.T.: 4.395 min
Delta R.T.: 0.002 min
Response: 4281395
Conc: 32.84 ug/ml



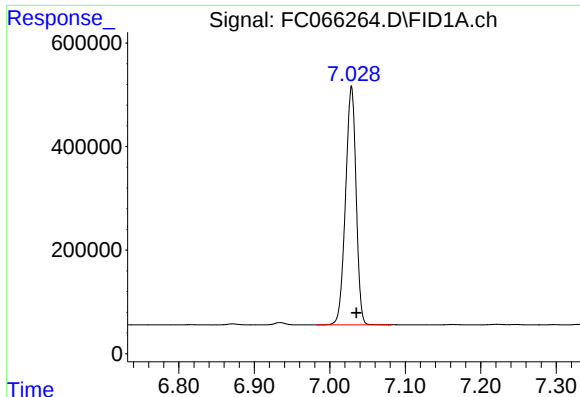
#3 A~Naphthalene (C11.7)

R.T.: 5.972 min
Delta R.T.: -0.005 min
Response: 4610425
Conc: 32.15 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.409 min
Delta R.T.: -0.006 min
Response: 4355571
Conc: 33.64 ug/ml



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

R.T.: 7.029 min
Delta R.T.: -0.006 min
Response: 4480092
Conc: 32.53 ug/ml

Instrument :

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ClientSampleId :

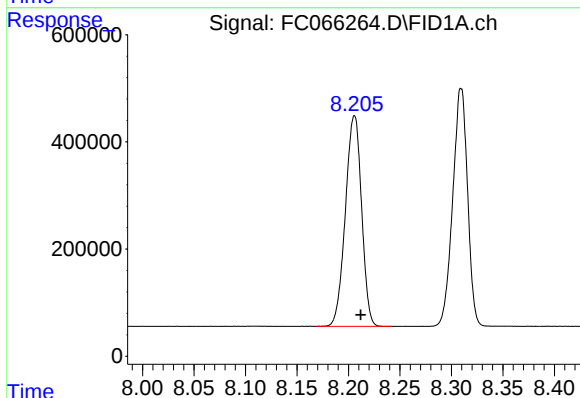
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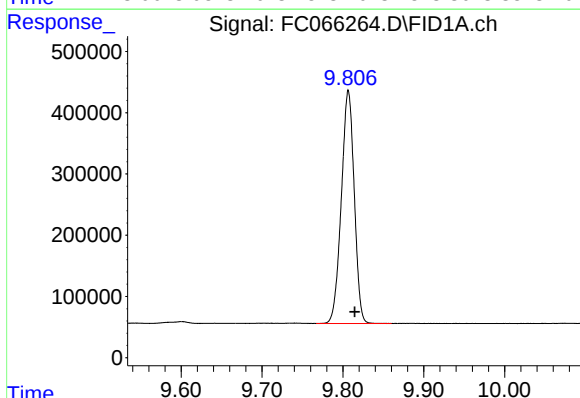
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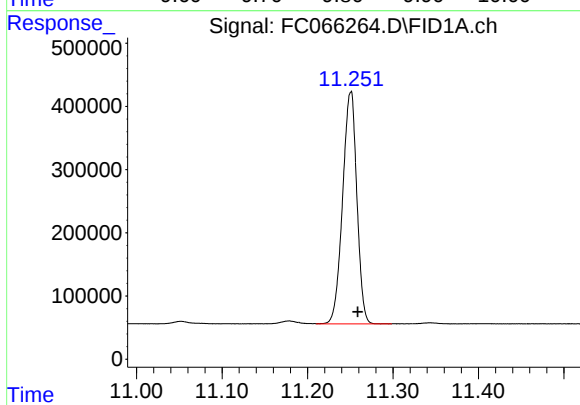
#6 n-Tetradecane (C14)

R.T.: 8.206 min
Delta R.T.: -0.006 min
Response: 4307933
Conc: 34.23 ug/ml



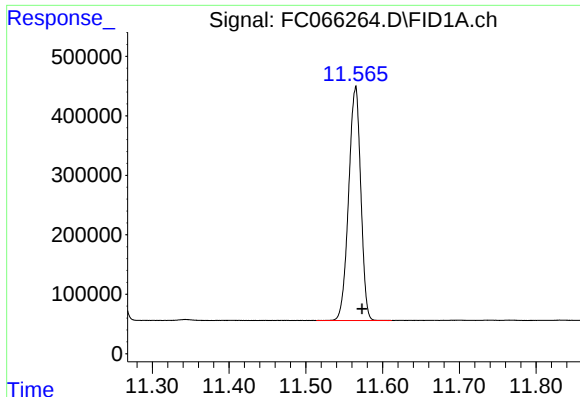
#7 n-Hexadecane (C16)

R.T.: 9.807 min
Delta R.T.: -0.008 min
Response: 4215342
Conc: 33.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.250 min
Delta R.T.: -0.008 min
Response: 4253527
Conc: 33.42 ug/ml



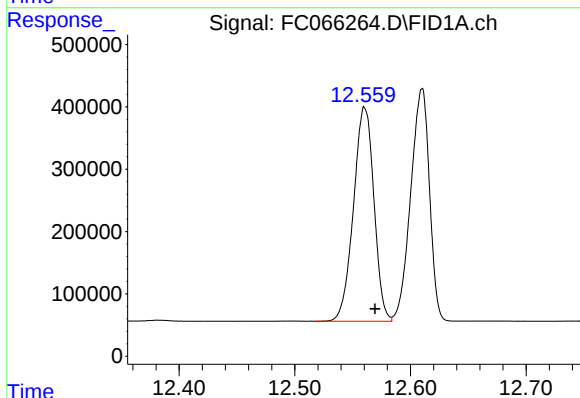
#9 ortho-Terphenyl (SURR)

R.T.: 11.564 min
Delta R.T.: -0.009 min
Response: 4308337
Conc: 31.20 ug/ml

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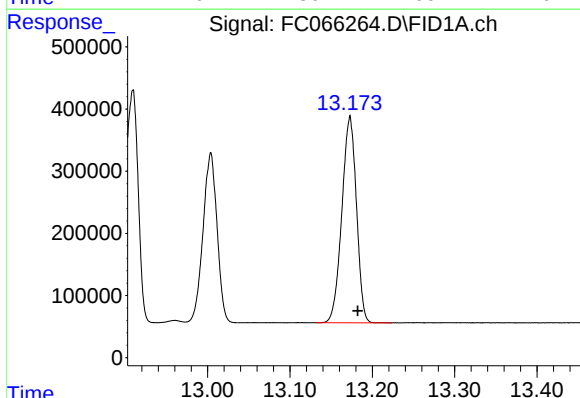
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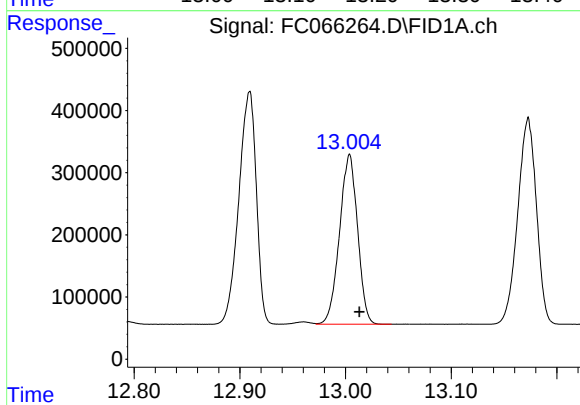
#10 n-Eicosane (C20)

R.T.: 12.560 min
Delta R.T.: -0.009 min
Response: 4214444
Conc: 34.97 ug/ml



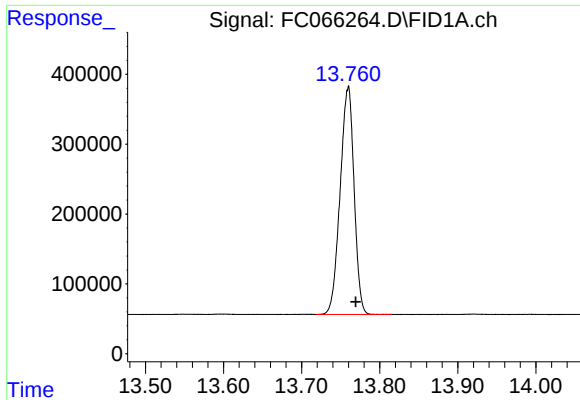
#11 n-Heneicosane (C21)

R.T.: 13.173 min
Delta R.T.: -0.010 min
Response: 4079874
Conc: 34.48 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.004 min
Delta R.T.: -0.010 min
Response: 3246744
Conc: 33.09 ug/ml



#13 n-Docosane (C22)

R.T.: 13.759 min
Delta R.T.: -0.010 min
Response: 4045787
Conc: 34.46 ug/ml

Instrument :

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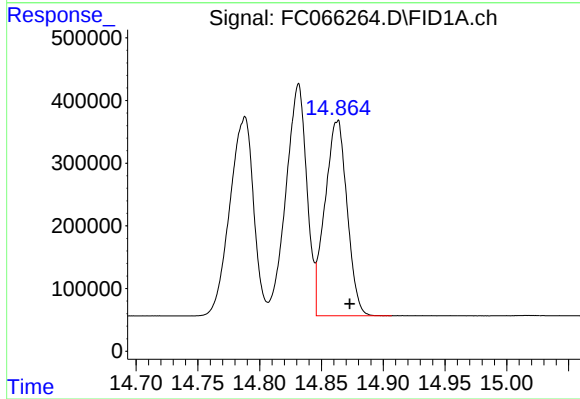
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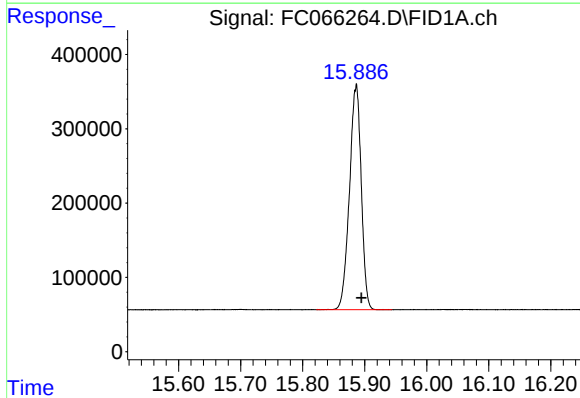
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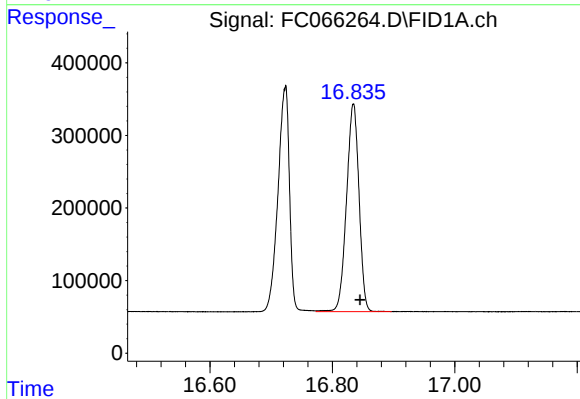
#14 n-Tetracosane (C24)

R.T.: 14.863 min
Delta R.T.: -0.010 min
Response: 3886173
Conc: 33.31 ug/ml



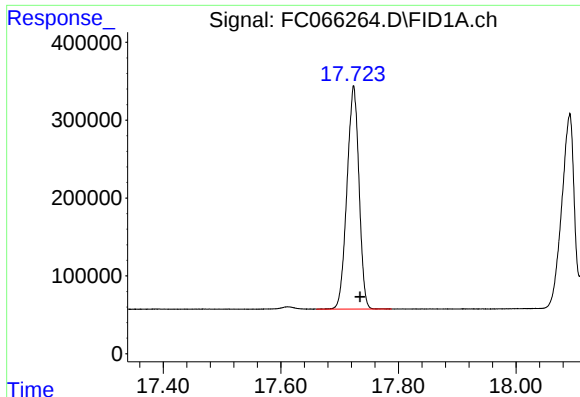
#15 n-Hexacosane (C26)

R.T.: 15.886 min
Delta R.T.: -0.009 min
Response: 3989043
Conc: 34.70 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.834 min
Delta R.T.: -0.011 min
Response: 4063729
Conc: 35.86 ug/ml



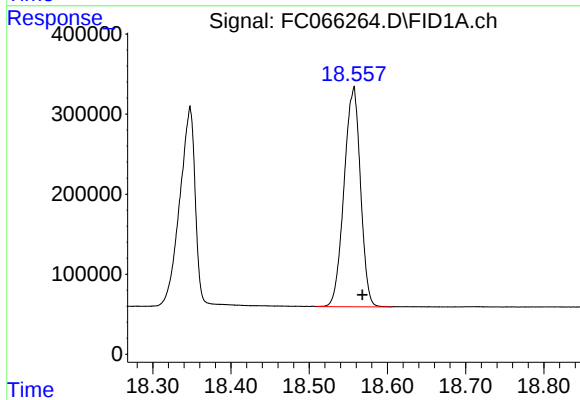
#17 n-Tricontane (C30)

R.T.: 17.724 min
Delta R.T.: -0.011 min
Response: 4070895
Conc: 35.14 ug/ml

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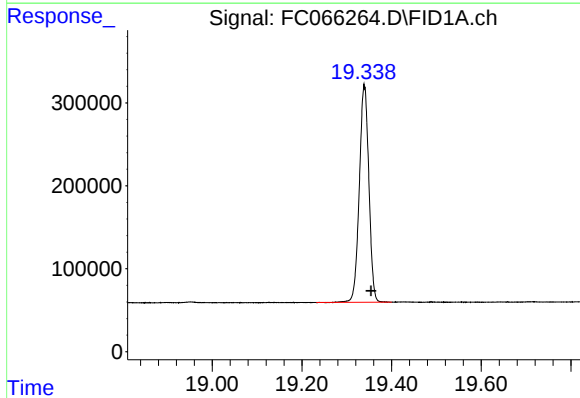
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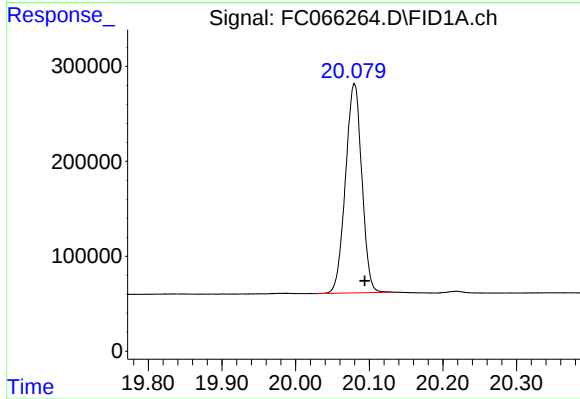
#18 n-Dotriacontane (C32)

R.T.: 18.557 min
Delta R.T.: -0.011 min
Response: 3995618
Conc: 34.80 ug/ml m



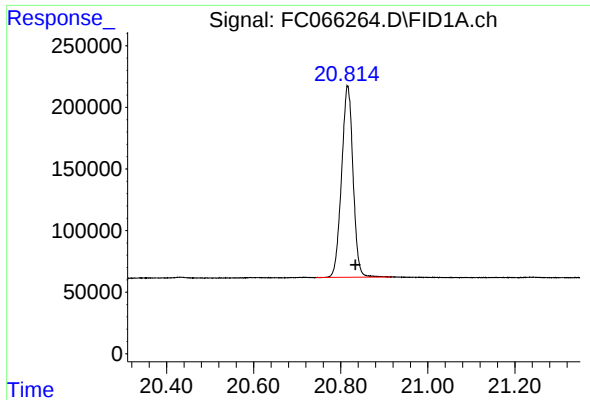
#19 n-Tetratriacontane (C34)

R.T.: 19.339 min
Delta R.T.: -0.015 min
Response: 3866001
Conc: 35.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.079 min
Delta R.T.: -0.015 min
Response: 3395401
Conc: 32.89 ug/ml m



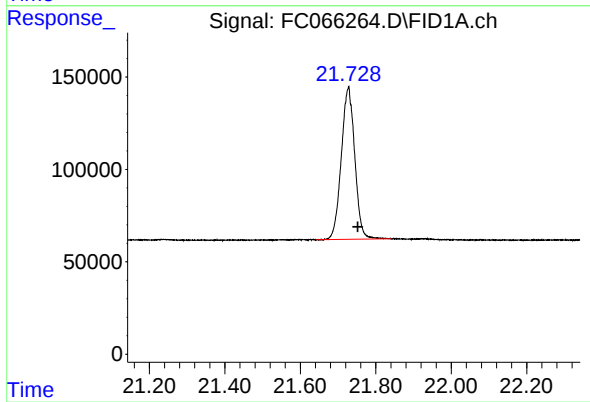
#21 n-Octatriacontane (C38)

R.T.: 20.816 min
Delta R.T.: -0.018 min
Response: 2838052
Conc: 29.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.727 min
Delta R.T.: -0.025 min
Response: 2036448
Conc: 22.50 ug/ml