

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071723AL\
 Data File : FC064119.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jul 2023 11:39
 Operator : YP/AJ
 Sample : PB154194BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB154194BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2023
 Supervised By :Ankita Jodhani 07/18/2023

Integration File: autoint1.e
 Quant Time: Jul 18 01:44:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 2023
 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)	11.523	8423038	43.381 ug/ml
Spiked Amount 50.000		Recovery =	86.76%
12) S 1-chlorooctadecane (S...	12.955	6724538	48.333 ug/ml
Spiked Amount 50.000		Recovery =	96.67%
Target Compounds			
1) T n-Nonane (C9)	3.320	7937683	44.506 ug/ml
2) T n-Decane (C10)	4.376	8419037	46.526 ug/ml
3) T A~Naphthalene (C11.7)	5.951	9647161	51.719 ug/ml
4) T n-Dodecane (C12)	6.384	9086592	50.440 ug/ml
5) T A~2-methylnaphthalene...	7.005	9473314	53.829 ug/ml
6) T n-Tetradecane (C14)	8.175	9085222	52.519 ug/ml
7) T n-Hexadecane (C16)	9.771	8898854	51.228 ug/ml
8) T n-Octadecane (C18)	11.209	8974160	52.071 ug/ml
10) T n-Eicosane (C20)	12.515	8480176	51.947 ug/ml
11) T n-Heneicosane (C21)	13.124	8287224	51.723 ug/ml
13) T n-Docosane (C22)	13.708	8159888	51.929 ug/ml
14) T n-Tetracosane (C24)	14.795	16058773	101.882 ug/ml
15) T n-Hexacosane (C26)	15.827	7806158	51.667 ug/ml
16) T n-Octacosane (C28)	16.771	7779586	51.629 ug/ml
17) T n-Tricontane (C30)	17.659	7649070	48.993 ug/ml
18) T n-Dotriacontane (C32)	18.484	7591573	48.055 ug/ml
19) T n-Tetratriacontane (C34)	19.264	7407516	48.139 ug/ml
20) T n-Hexatriacontane (C36)	20.003	7157150	48.478 ug/mlm
21) T n-Octatriacontane (C38)	20.726	6925859	46.756 ug/ml
22) T n-Tetracontane (C40)	21.614	6834532	46.890 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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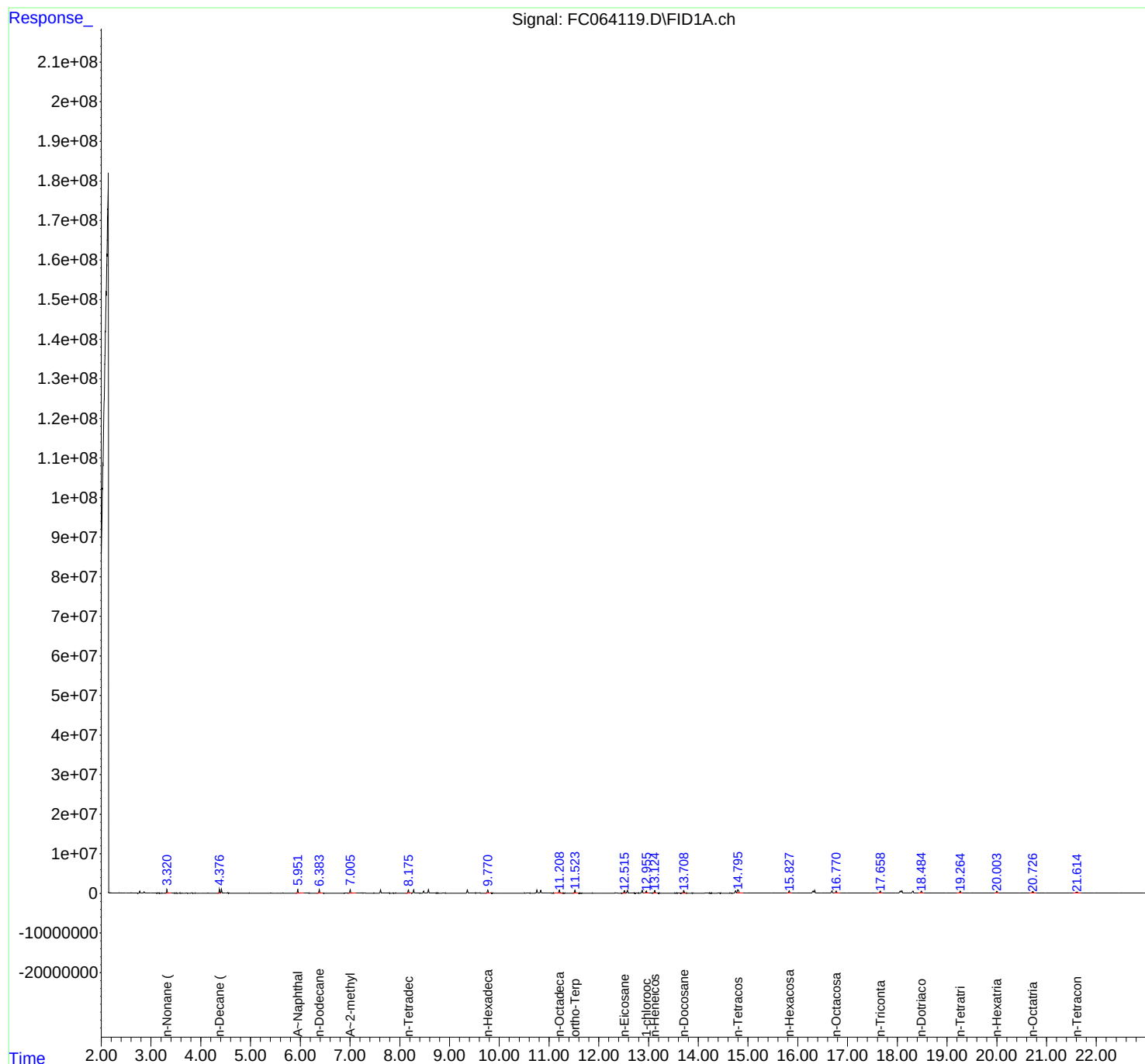
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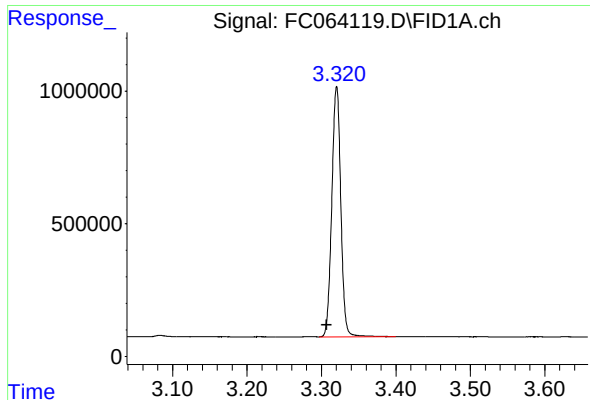
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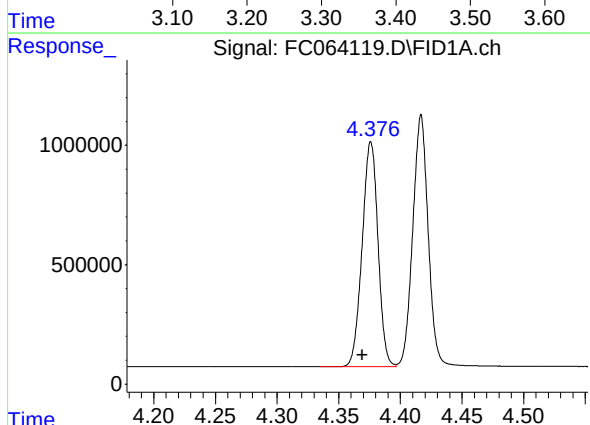
#1 n-Nonane (C9)

R.T.: 3.320 min
Delta R.T.: 0.013 min
Response: 7937683
Conc: 44.51 ug/ml

Instrument :
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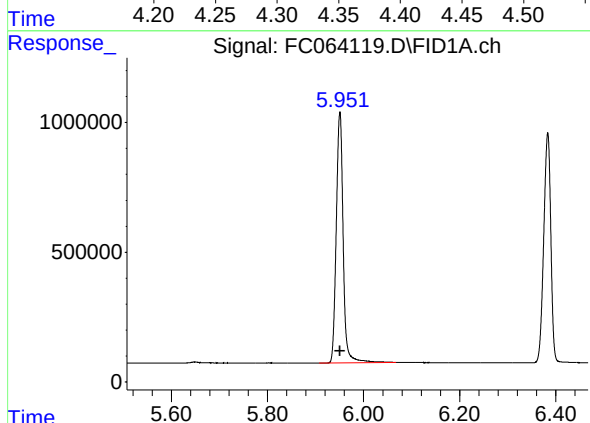
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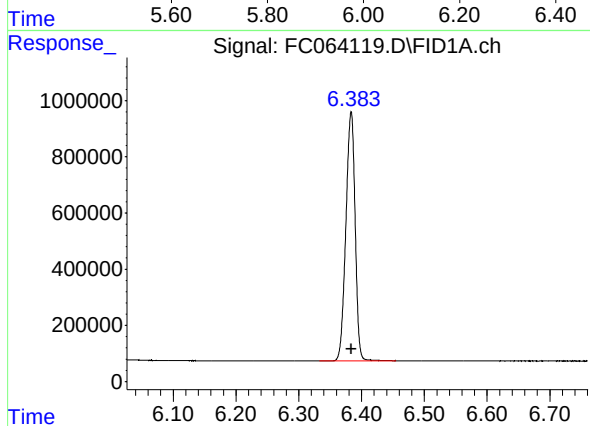
#2 n-Decane (C10)

R.T.: 4.376 min
Delta R.T.: 0.007 min
Response: 8419037
Conc: 46.53 ug/ml



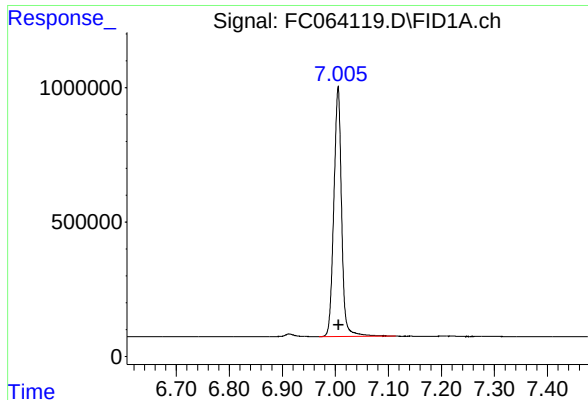
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 9647161
Conc: 51.72 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 9086592
Conc: 50.44 ug/ml



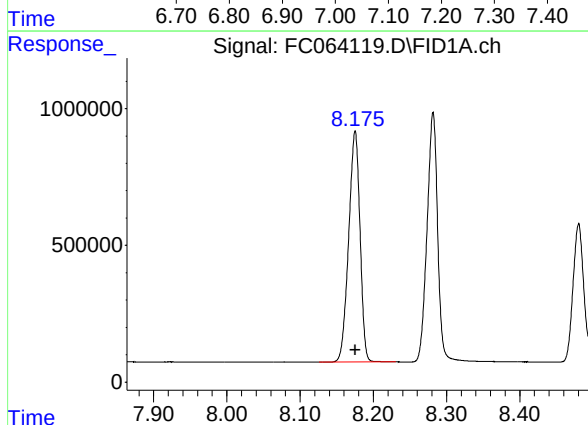
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 9473314
Conc: 53.83 ug/ml

Instrument :
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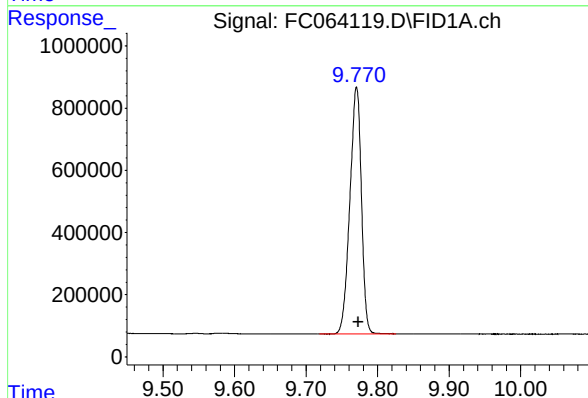
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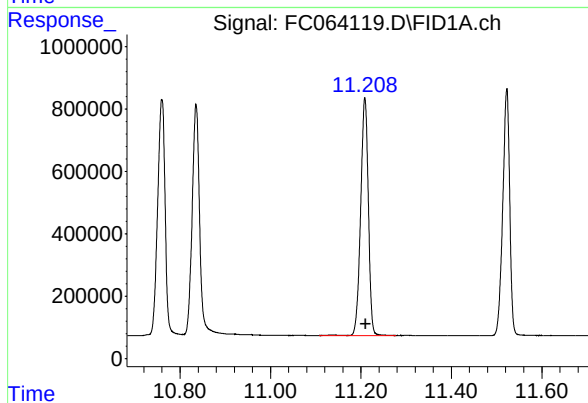
#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: 0.000 min
Response: 9085222
Conc: 52.52 ug/ml



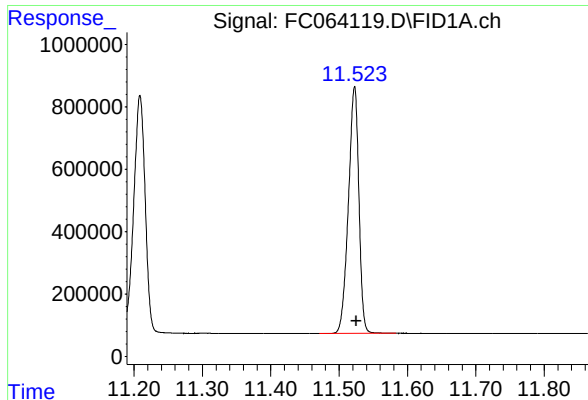
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: -0.003 min
Response: 8898854
Conc: 51.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.209 min
Delta R.T.: -0.002 min
Response: 8974160
Conc: 52.07 ug/ml



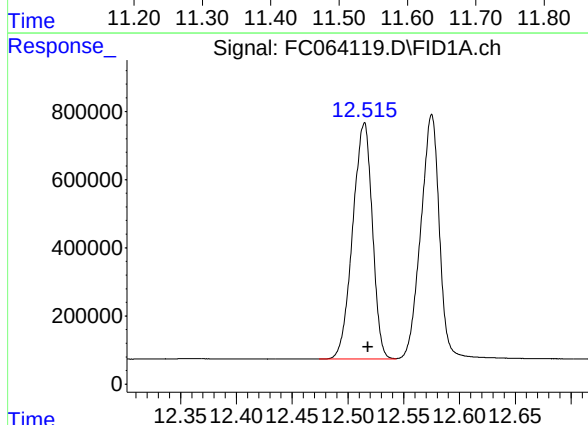
#9 ortho-Terphenyl (SURR)

R.T.: 11.523 min
Delta R.T.: -0.002 min
Response: 8423038
Conc: 43.38 ug/ml

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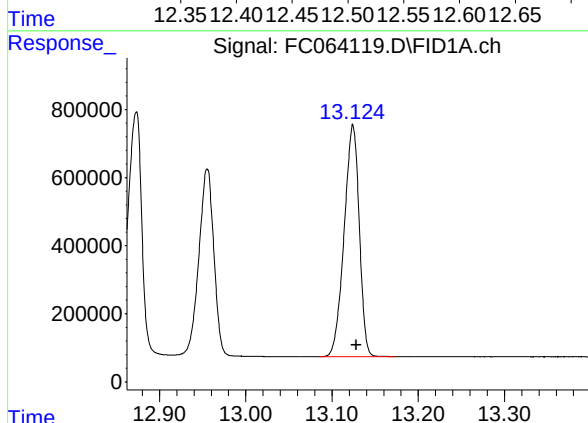
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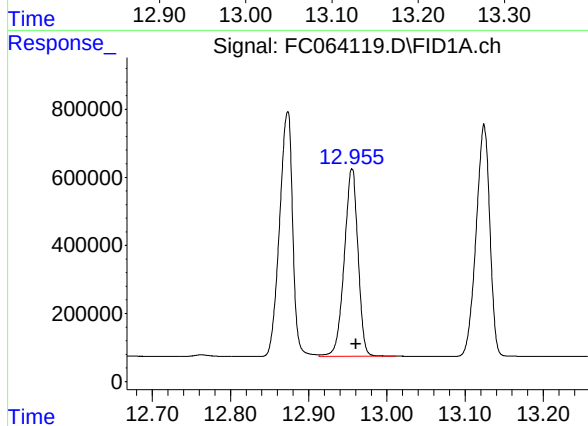
#10 n-Eicosane (C20)

R.T.: 12.515 min
Delta R.T.: -0.003 min
Response: 8480176
Conc: 51.95 ug/ml



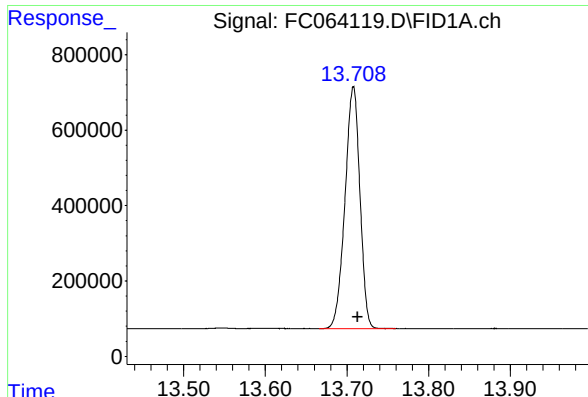
#11 n-Heneicosane (C21)

R.T.: 13.124 min
Delta R.T.: -0.004 min
Response: 8287224
Conc: 51.72 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.955 min
Delta R.T.: -0.005 min
Response: 6724538
Conc: 48.33 ug/ml



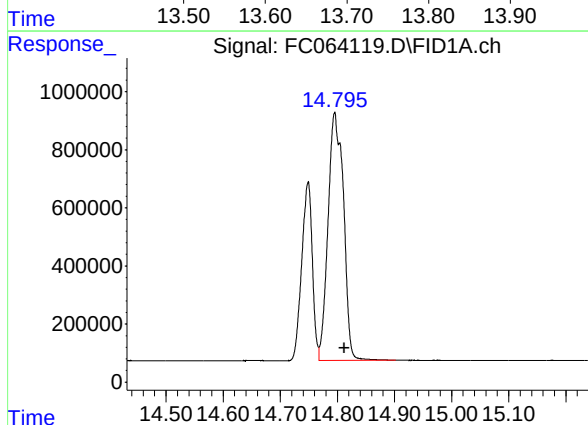
#13 n-Docosane (C22)

R.T.: 13.708 min
Delta R.T.: -0.005 min
Response: 8159888
Conc: 51.93 ug/ml

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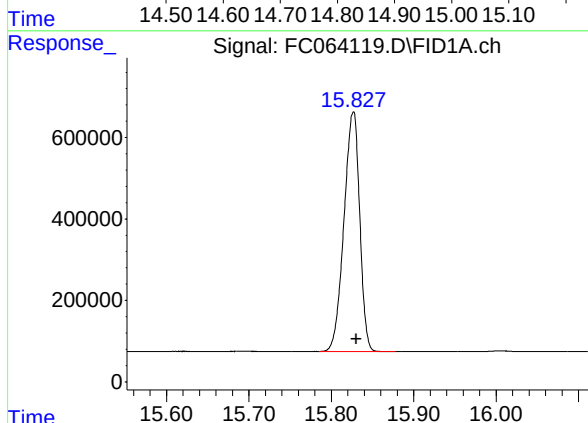
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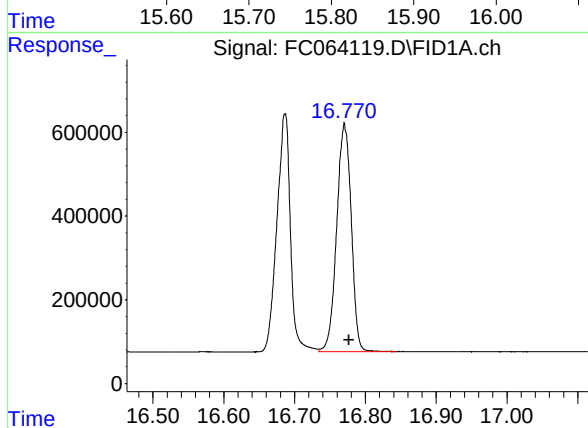
#14 n-Tetracosane (C24)

R.T.: 14.795 min
Delta R.T.: -0.017 min
Response: 16058773
Conc: 101.88 ug/ml



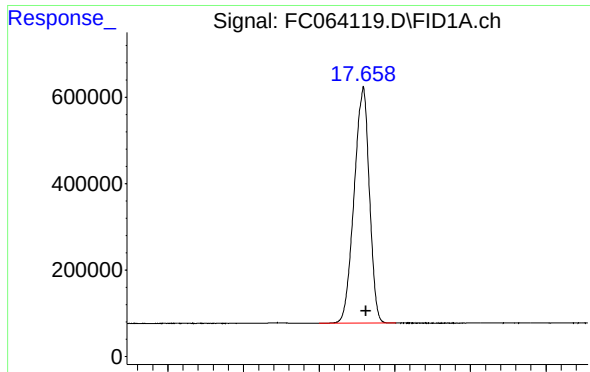
#15 n-Hexacosane (C26)

R.T.: 15.827 min
Delta R.T.: -0.003 min
Response: 7806158
Conc: 51.67 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.771 min
Delta R.T.: -0.006 min
Response: 7779586
Conc: 51.63 ug/ml



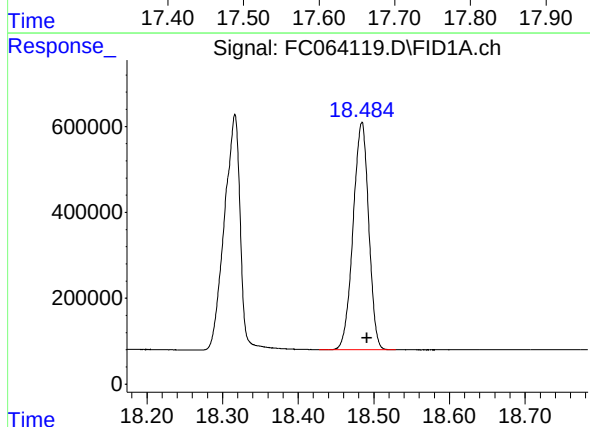
#17 n-Tricontane (C30)

R.T.: 17.659 min
Delta R.T.: -0.004 min
Response: 7649070
Conc: 48.99 ug/ml

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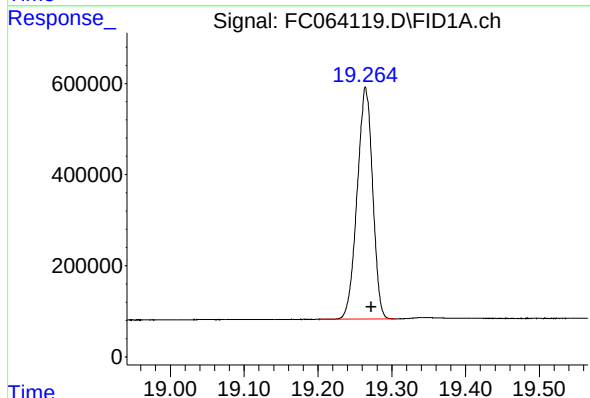
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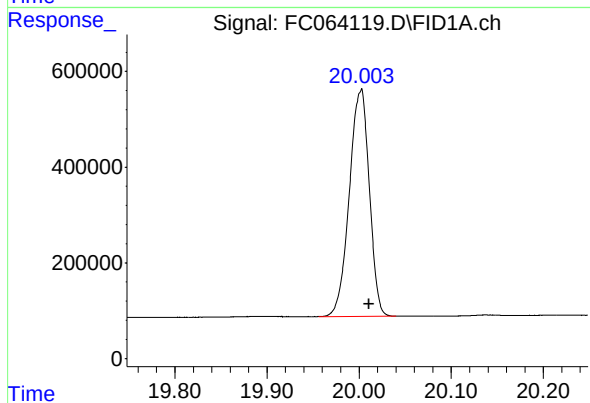
#18 n-Dotriacontane (C32)

R.T.: 18.484 min
Delta R.T.: -0.007 min
Response: 7591573
Conc: 48.05 ug/ml



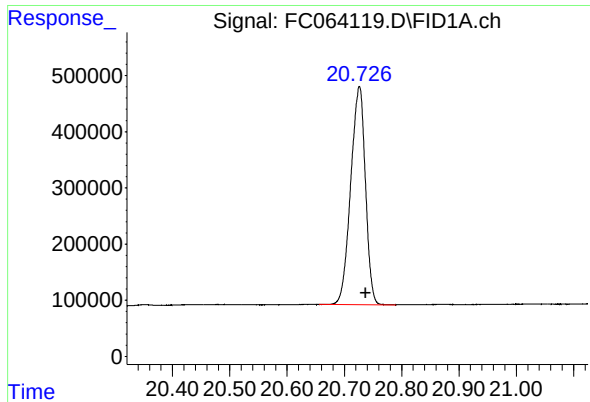
#19 n-Tetratriacontane (C34)

R.T.: 19.264 min
Delta R.T.: -0.008 min
Response: 7407516
Conc: 48.14 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.003 min
Delta R.T.: -0.008 min
Response: 7157150
Conc: 48.48 ug/ml m



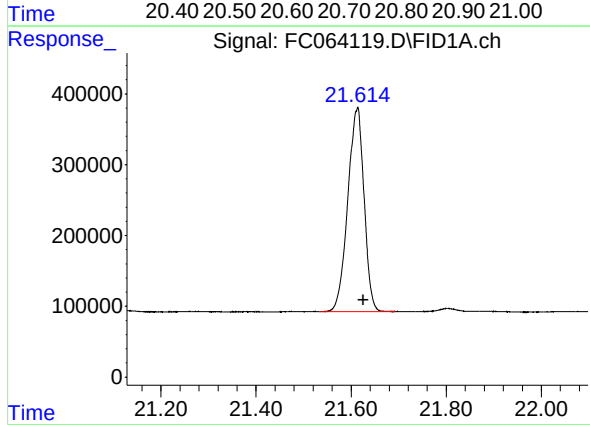
#21 n-Octatriacontane (C38)

R.T.: 20.726 min
Delta R.T.: -0.011 min
Response: 6925859
Conc: 46.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.614 min
Delta R.T.: -0.011 min
Response: 6834532
Conc: 46.89 ug/ml