

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120122AL\
 Data File : FC062344.D
 Signal(s) : FID1A.ch
 Acq On : 01 Dec 2022 16:44
 Operator : YP/AJ
 Sample : PB149368BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB149368BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/02/2022
 Supervised By :Ankita Jodhani 12/02/2022

Integration File: sample.E
 Quant Time: Dec 02 05:34:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111422.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 21 12:12:05 2022
 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			
12) S 1-chlorooctadecane (S...	13.032	5890358	57.947 ug/ml
Spiked Amount 50.000		Recovery =	115.89%
Target Compounds			
1) T n-Nonane (C9)	3.344	3595441	25.833 ug/ml
2) T n-Decane (C10)	4.412	4542893	33.577 ug/ml
4) T n-Dodecane (C12)	6.434	5565617	41.661 ug/ml
6) T n-Tetradecane (C14)	8.233	6587170	50.460 ug/ml
7) T n-Hexadecane (C16)	9.835	7581670	58.478 ug/ml
8) T n-Octadecane (C18)	11.279	8042598	62.986 ug/ml
10) T n-Eicosane (C20)	12.588	7732805	63.615 ug/ml
11) T n-Heneicosane (C21)	13.199	7580659	62.898 ug/ml
13) T n-Docosane (C22)	13.786	7485239	63.497 ug/ml
14) T n-Tetracosane (C24)	14.887	7441423	64.670 ug/mlm
15) T n-Hexacosane (C26)	15.907	6906710	61.986 ug/ml
16) T n-Octacosane (C28)	16.855	6626379	60.436 ug/ml
17) T n-Tricontane (C30)	17.742	6513015	59.474 ug/ml
18) T n-Dotriacontane (C32)	18.573	6565090	59.441 ug/ml
19) T n-Tetratriacontane (C34)	19.354	6496600	59.419 ug/ml
20) T n-Hexatriacontane (C36)	20.093	6140699	58.592 ug/ml
21) T n-Octatriacontane (C38)	20.835	6131580	59.244 ug/ml
22) T n-Tetracontane (C40)	21.758	6084967	59.277 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 6 Sample Multiplier: 1

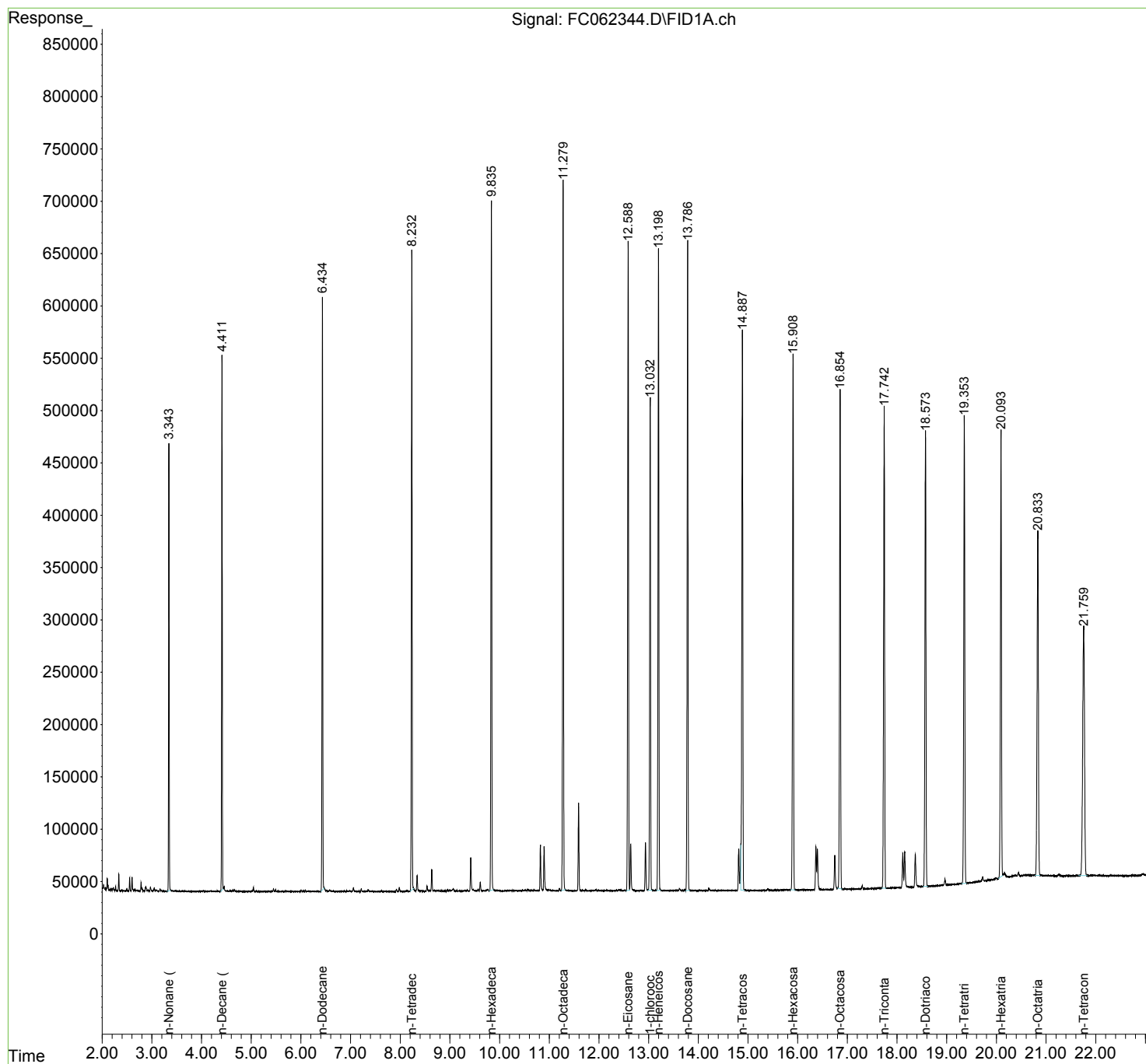
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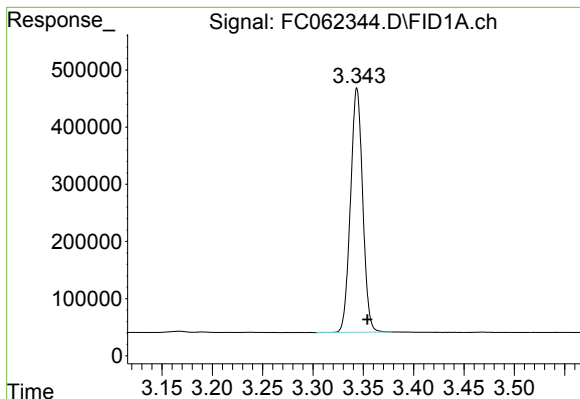
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#1 n-Nonane (C9)

R.T.: 3.344 min
Delta R.T.: -0.010 min
Response: 3595441
Conc: 25.83 ug/ml

Instrument :

FID_C

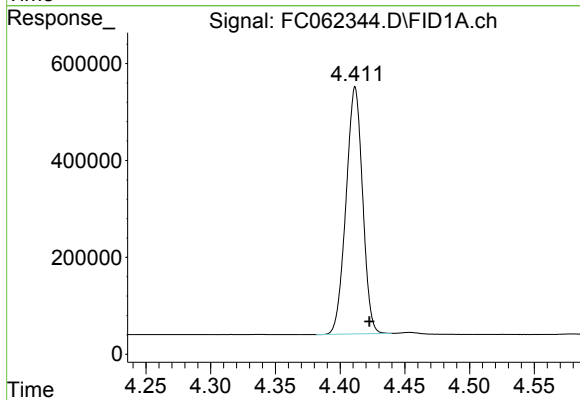
ClientSampleId :

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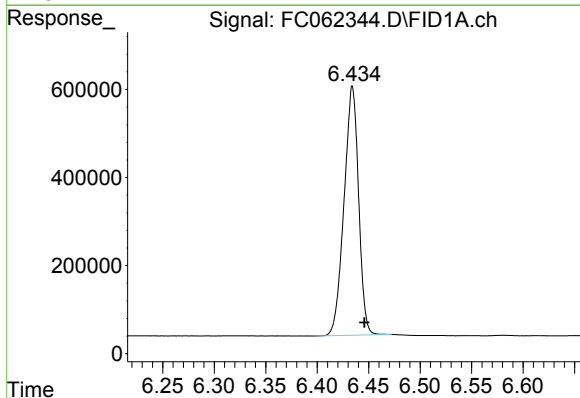
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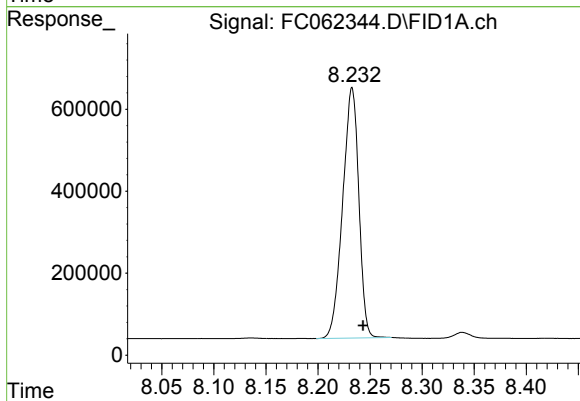
#2 n-Decane (C10)

R.T.: 4.412 min
Delta R.T.: -0.011 min
Response: 4542893
Conc: 33.58 ug/ml



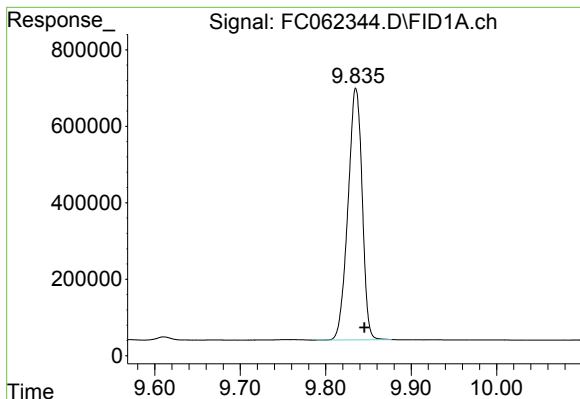
#4 n-Dodecane (C12)

R.T.: 6.434 min
Delta R.T.: -0.012 min
Response: 5565617
Conc: 41.66 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.233 min
Delta R.T.: -0.010 min
Response: 6587170
Conc: 50.46 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.835 min
Delta R.T.: -0.010 min
Response: 7581670
Conc: 58.48 ug/ml

Instrument :

FID_C

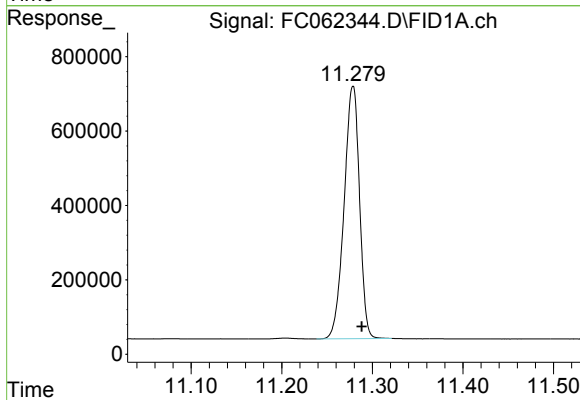
ClientSampleId :

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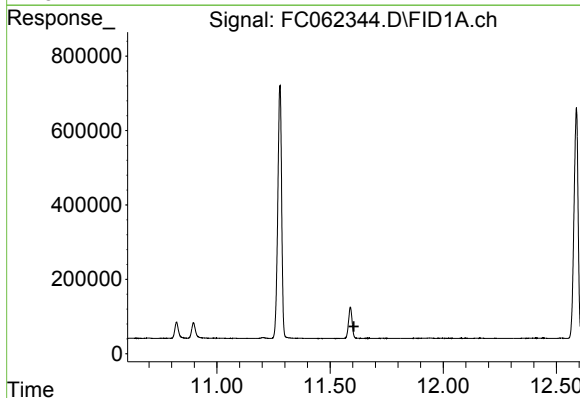
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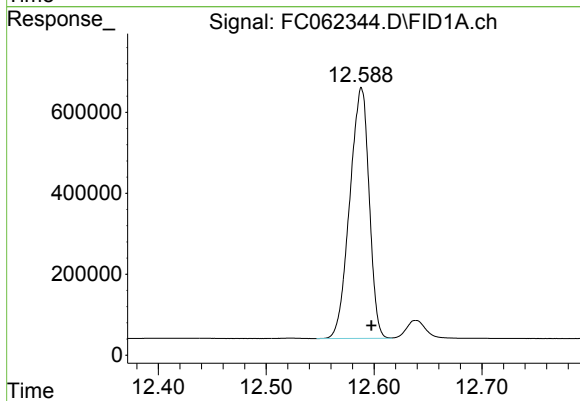
#8 n-Octadecane (C18)

R.T.: 11.279 min
Delta R.T.: -0.010 min
Response: 8042598
Conc: 62.99 ug/ml



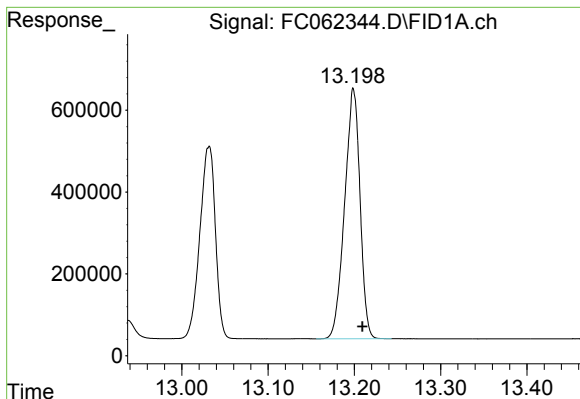
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.605 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.588 min
Delta R.T.: -0.009 min
Response: 7732805
Conc: 63.61 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.199 min
Delta R.T.: -0.011 min
Response: 7580659
Conc: 62.90 ug/ml

Instrument :

FID_C

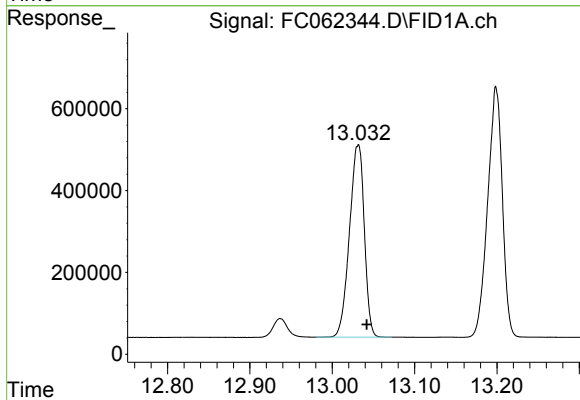
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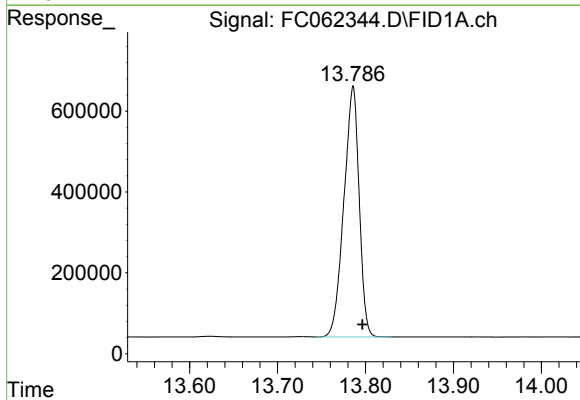
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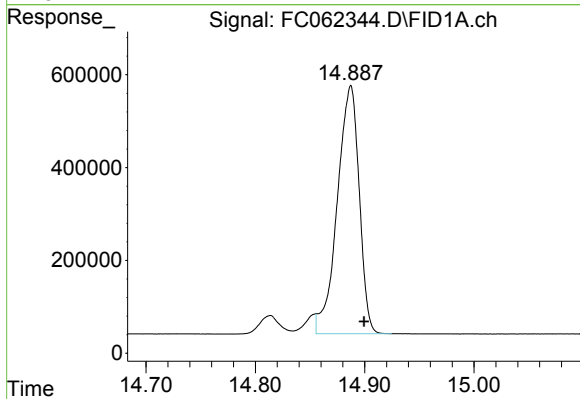
#12 1-chlorooctadecane (SURR)

R.T.: 13.032 min
Delta R.T.: -0.010 min
Response: 5890358
Conc: 57.95 ug/ml



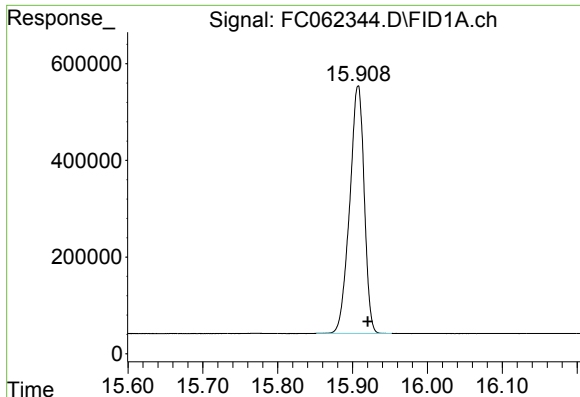
#13 n-Docosane (C22)

R.T.: 13.786 min
Delta R.T.: -0.010 min
Response: 7485239
Conc: 63.50 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.887 min
Delta R.T.: -0.012 min
Response: 7441423
Conc: 64.67 ug/ml m



#15 n-Hexacosane (C26)

R.T.: 15.907 min
Delta R.T.: -0.013 min
Response: 6906710
Conc: 61.99 ug/ml

Instrument :

FID_C

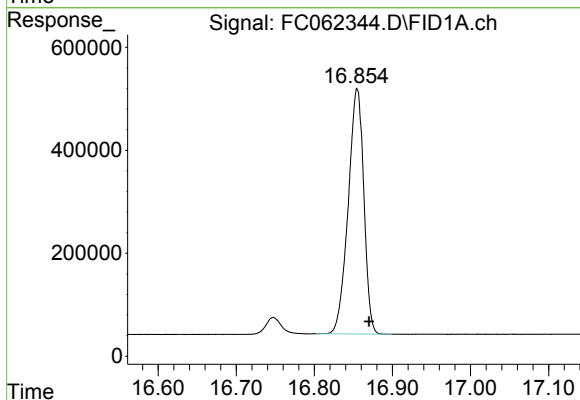
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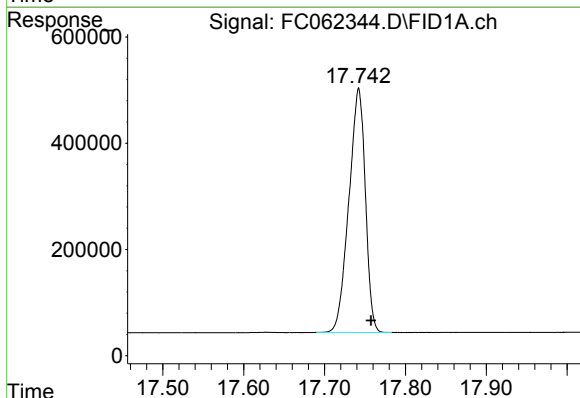
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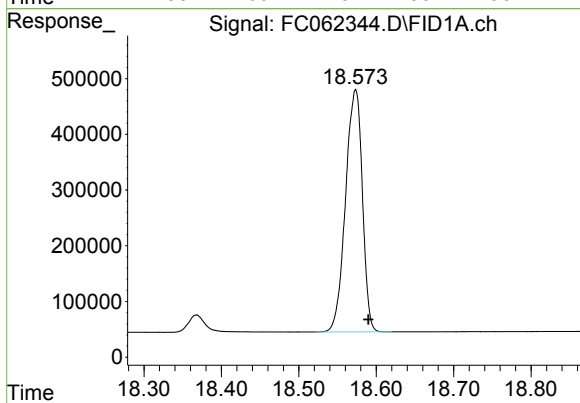
#16 n-Octacosane (C28)

R.T.: 16.855 min
Delta R.T.: -0.015 min
Response: 6626379
Conc: 60.44 ug/ml



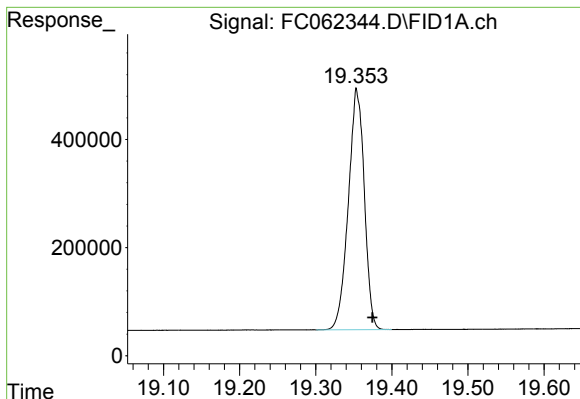
#17 n-Tricontane (C30)

R.T.: 17.742 min
Delta R.T.: -0.015 min
Response: 6513015
Conc: 59.47 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.573 min
Delta R.T.: -0.016 min
Response: 6565090
Conc: 59.44 ug/ml



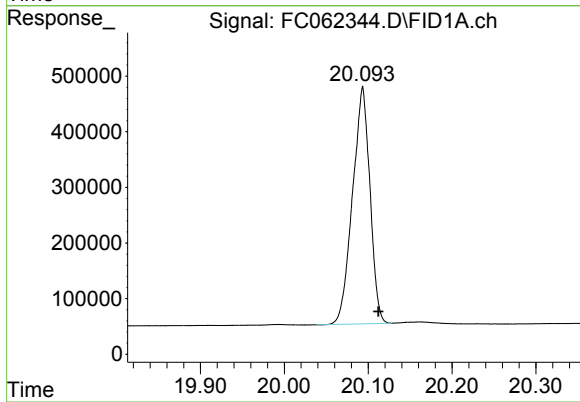
#19 n-Tetratriacontane (C34)

R.T.: 19.354 min
Delta R.T.: -0.021 min
Response: 6496600
Conc: 59.42 ug/ml

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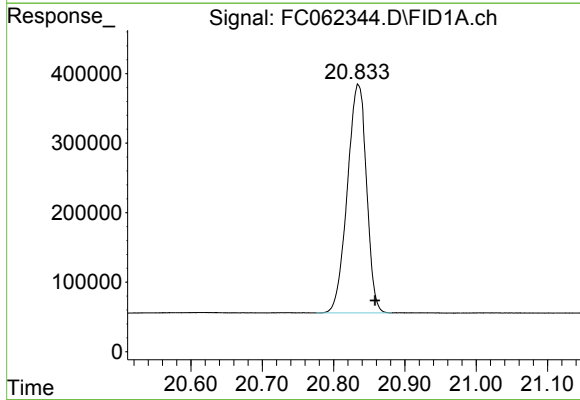
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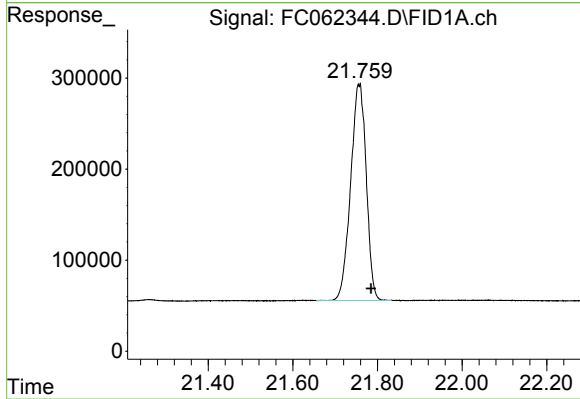
#20 n-Hexatriacontane (C36)

R.T.: 20.093 min
Delta R.T.: -0.019 min
Response: 6140699
Conc: 58.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.835 min
Delta R.T.: -0.024 min
Response: 6131580
Conc: 59.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.758 min
Delta R.T.: -0.027 min
Response: 6084967
Conc: 59.28 ug/ml