

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042624AL\
 Data File : FC066248.D
 Signal(s) : FID1A.ch
 Acq On : 26 Apr 2024 19:13
 Operator : YP/AJ
 Sample : PB160550BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB160550BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/29/2024
 Supervised By :mohammad ahmed 05/02/2024

Integration File: autoint1.e
 Quant Time: Apr 27 00:58:29 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			
12) S 1-chlorooctadecane (S...	13.003	4379796	44.636 ug/ml
Spiked Amount 50.000		Recovery =	89.27%
Target Compounds			
1) T n-Nonane (C9)	3.321	3085112	23.965 ug/ml
2) T n-Decane (C10)	4.389	3762537	28.856 ug/ml
4) T n-Dodecane (C12)	6.408	4297469	33.189 ug/ml
6) T n-Tetradecane (C14)	8.204	4449638	35.352 ug/ml
7) T n-Hexadecane (C16)	9.806	4834105	37.952 ug/ml
8) T n-Octadecane (C18)	11.249	5221441	41.021 ug/ml
10) T n-Eicosane (C20)	12.559	5372432	44.581 ug/ml
11) T n-Heneicosane (C21)	13.172	5243021	44.311 ug/ml
13) T n-Docosane (C22)	13.758	5241978	44.653 ug/ml
14) T n-Tetracosane (C24)	14.862	5195505	44.530 ug/ml
15) T n-Hexacosane (C26)	15.883	5152752	44.822 ug/ml
16) T n-Octacosane (C28)	16.833	5123663	45.210 ug/ml
17) T n-Tricontane (C30)	17.721	5178163	44.698 ug/ml
18) T n-Dotriacontane (C32)	18.554	5112175	44.526 ug/ml
19) T n-Tetratriacontane (C34)	19.339	5081181	46.268 ug/ml
20) T n-Hexatriacontane (C36)	20.077	4913275	47.600 ug/mlm
21) T n-Octatriacontane (C38)	20.813	4668972	47.895 ug/ml
22) T n-Tetracontane (C40)	21.724	4250989	46.978 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB160550BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

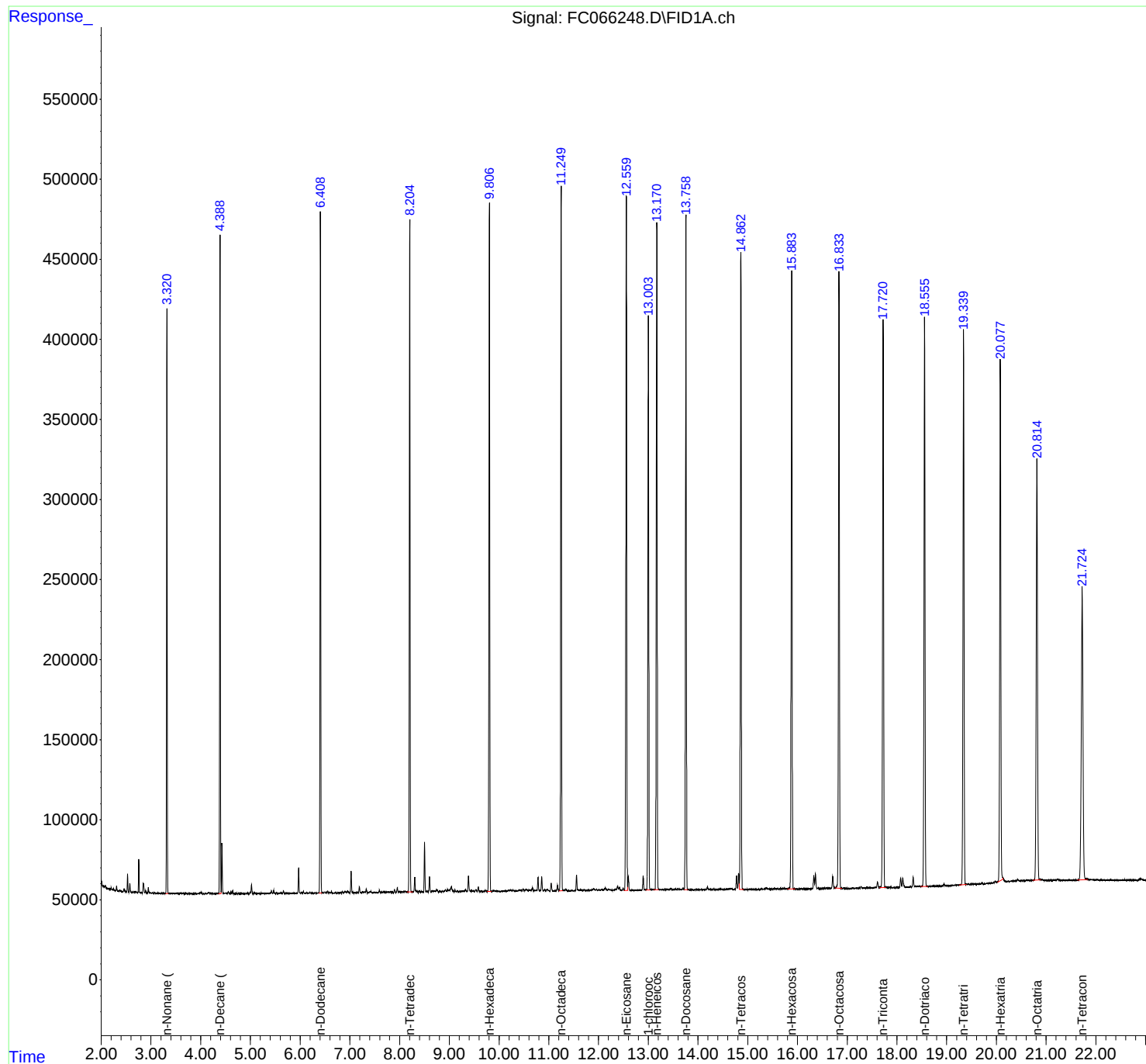
Instrument :
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PB160550BSD

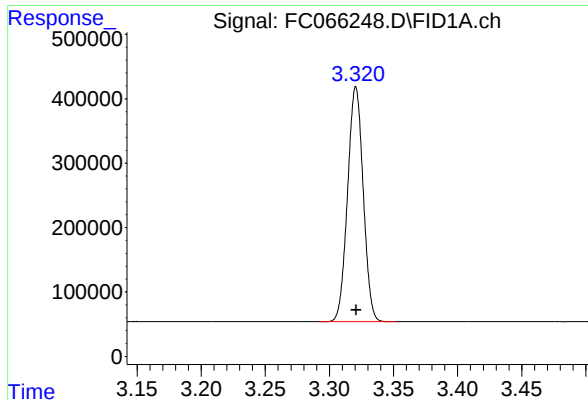
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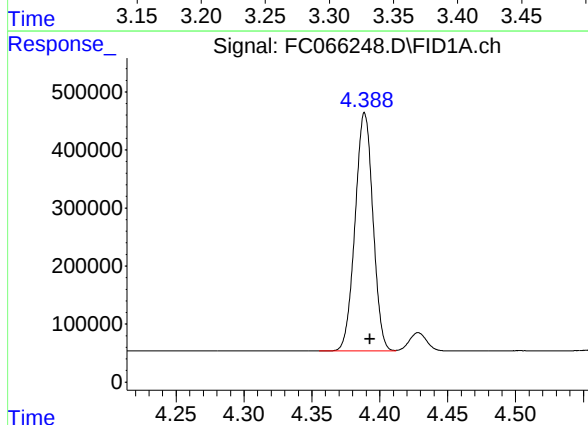
#1 n-Nonane (C9)

R.T.: 3.321 min
Delta R.T.: 0.000 min
Response: 3085112
Conc: 23.96 ug/ml

Instrument :
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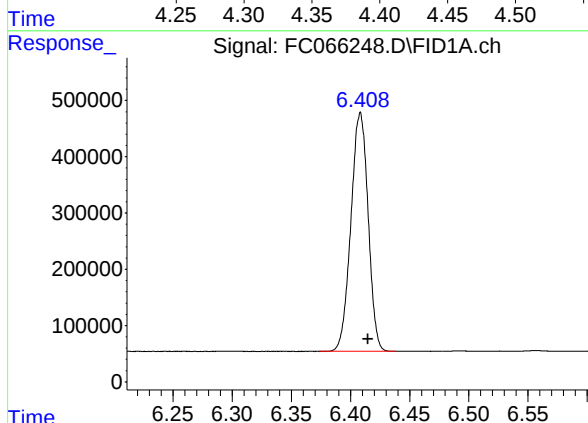
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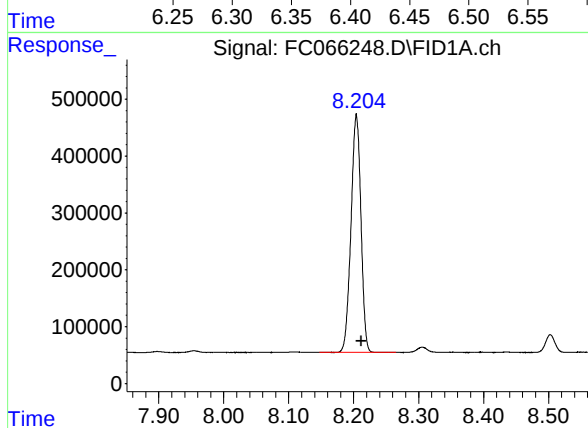
#2 n-Decane (C10)

R.T.: 4.389 min
Delta R.T.: -0.004 min
Response: 3762537
Conc: 28.86 ug/ml



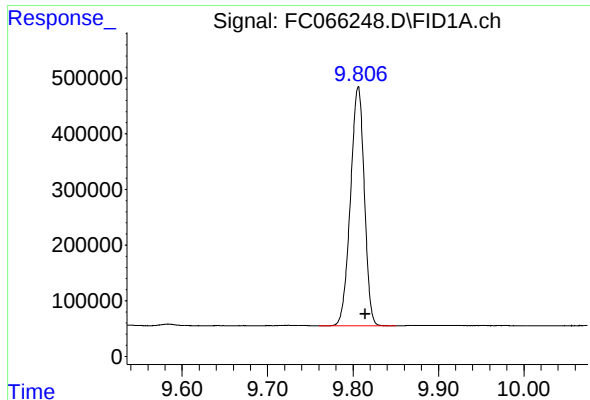
#4 n-Dodecane (C12)

R.T.: 6.408 min
Delta R.T.: -0.007 min
Response: 4297469
Conc: 33.19 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.204 min
Delta R.T.: -0.008 min
Response: 4449638
Conc: 35.35 ug/ml



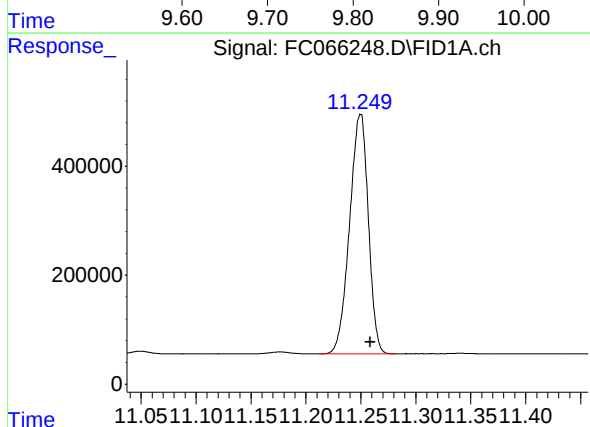
#7 n-Hexadecane (C16)

R.T.: 9.806 min
Delta R.T.: -0.009 min
Response: 4834105
Conc: 37.95 ug/ml

Instrument :
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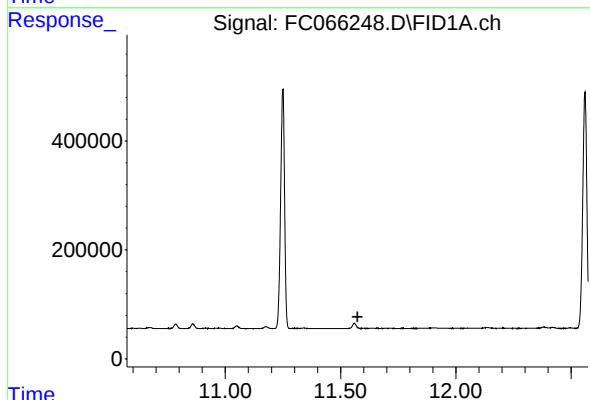
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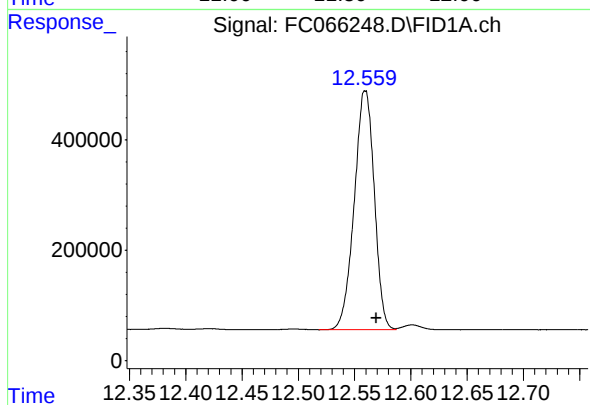
#8 n-Octadecane (C18)

R.T.: 11.249 min
Delta R.T.: -0.009 min
Response: 5221441
Conc: 41.02 ug/ml



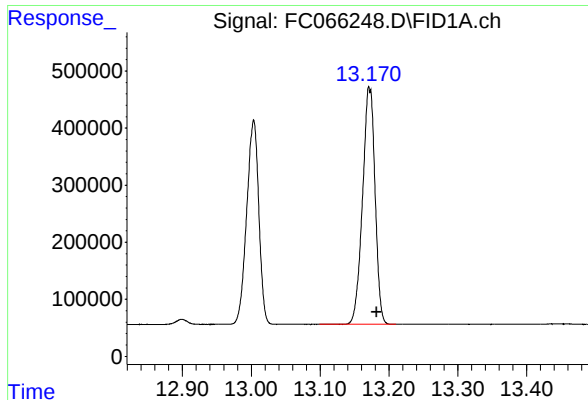
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.573 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.559 min
Delta R.T.: -0.010 min
Response: 5372432
Conc: 44.58 ug/ml



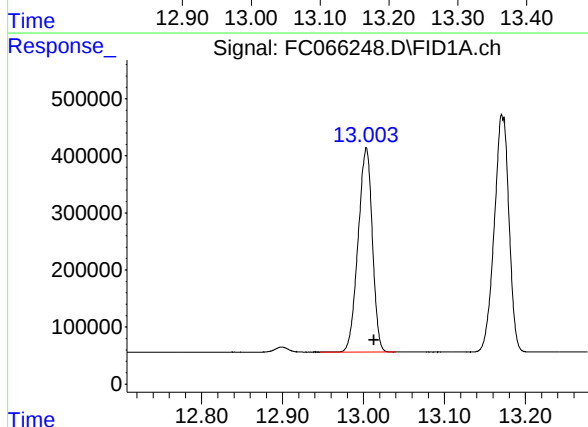
#11 n-Heneicosane (C21)

R.T.: 13.172 min
Delta R.T.: -0.011 min
Response: 5243021
Conc: 44.31 ug/ml

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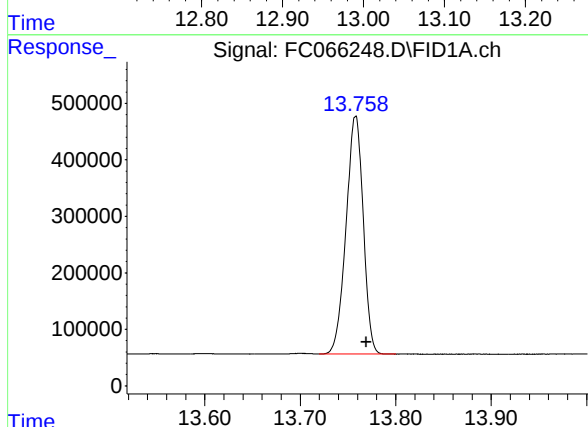
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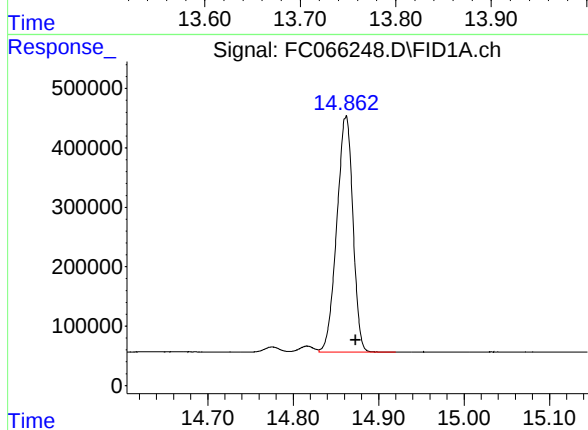
#12 1-chlorooctadecane (SURR)

R.T.: 13.003 min
Delta R.T.: -0.010 min
Response: 4379796
Conc: 44.64 ug/ml



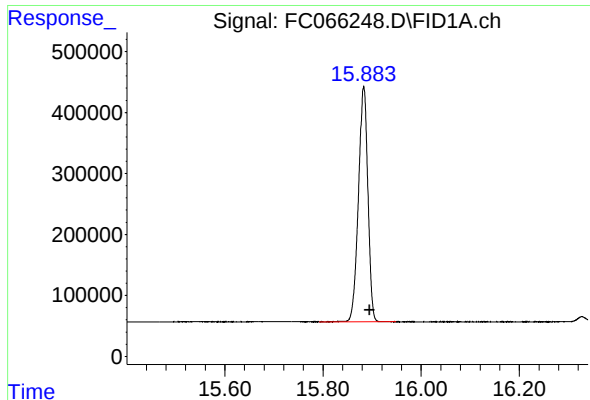
#13 n-Docosane (C22)

R.T.: 13.758 min
Delta R.T.: -0.011 min
Response: 5241978
Conc: 44.65 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.862 min
Delta R.T.: -0.011 min
Response: 5195505
Conc: 44.53 ug/ml



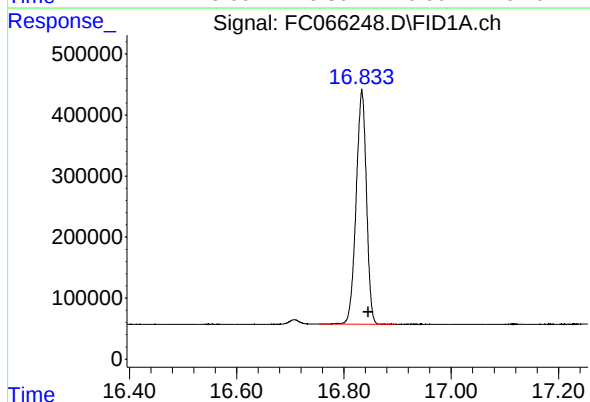
#15 n-Hexacosane (C26)

R.T.: 15.883 min
Delta R.T.: -0.012 min
Response: 5152752
Conc: 44.82 ug/ml

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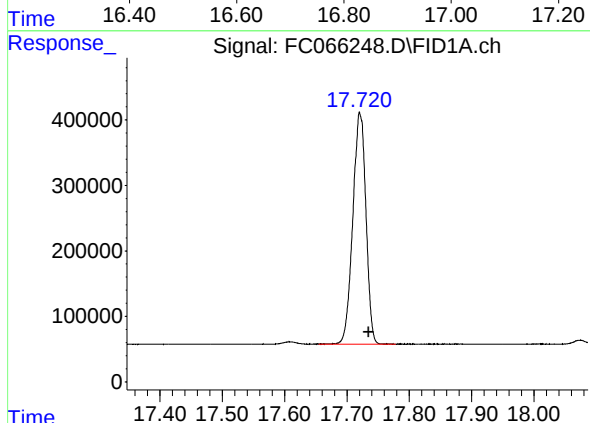
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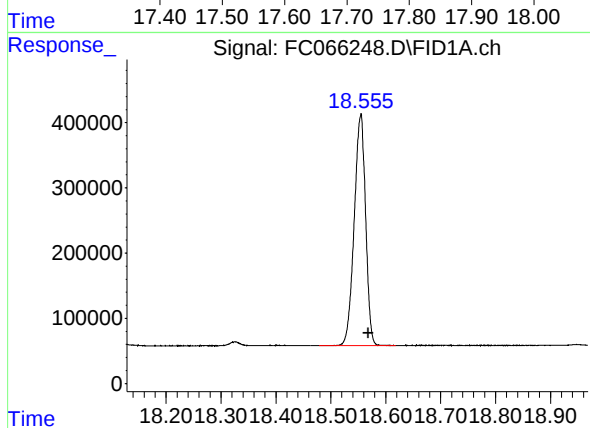
#16 n-Octacosane (C28)

R.T.: 16.833 min
Delta R.T.: -0.012 min
Response: 5123663
Conc: 45.21 ug/ml



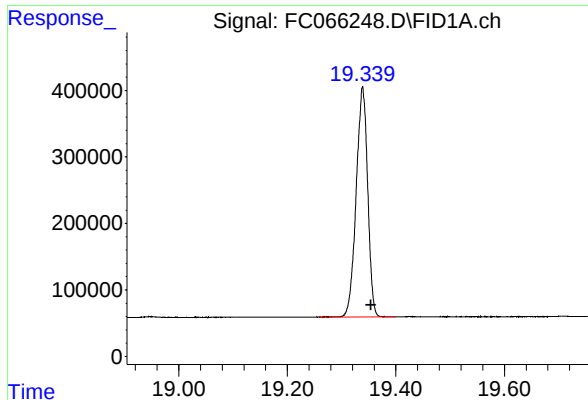
#17 n-Tricontane (C30)

R.T.: 17.721 min
Delta R.T.: -0.014 min
Response: 5178163
Conc: 44.70 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.554 min
Delta R.T.: -0.014 min
Response: 5112175
Conc: 44.53 ug/ml



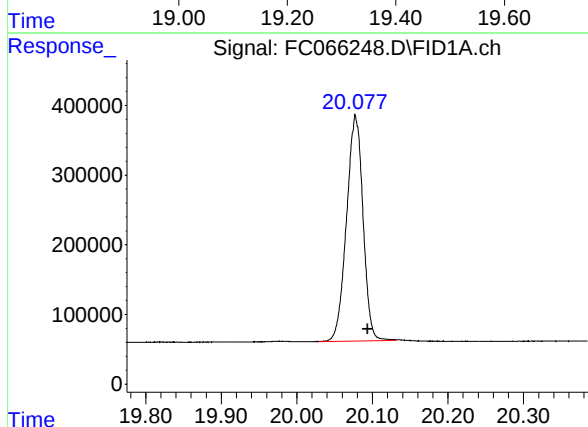
#19 n-Tetratriacontane (C34)

R.T.: 19.339 min
Delta R.T.: -0.015 min
Response: 5081181
Conc: 46.27 ug/ml

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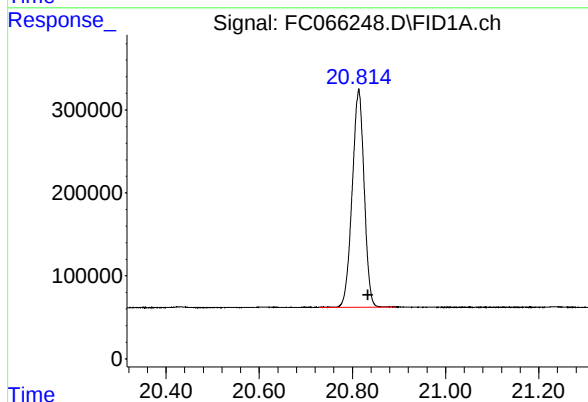
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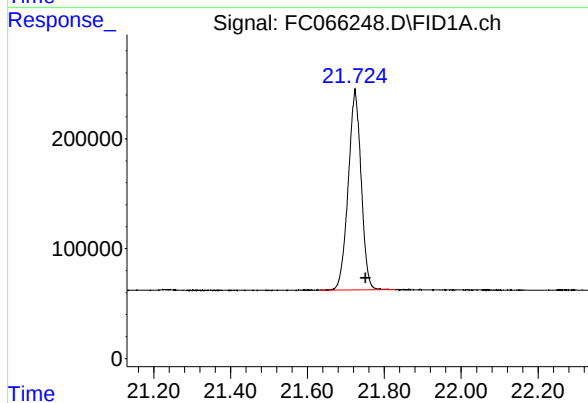
#20 n-Hexatriacontane (C36)

R.T.: 20.077 min
Delta R.T.: -0.017 min
Response: 4913275
Conc: 47.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.813 min
Delta R.T.: -0.020 min
Response: 4668972
Conc: 47.90 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.724 min
Delta R.T.: -0.028 min
Response: 4250989
Conc: 46.98 ug/ml