

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071023AL\
 Data File : FC064073.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jul 2023 09:58
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :Ankita Jodhani 07/11/2023

Integration File: autoint1.e
 Quant Time: Jul 11 02:56:17 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)	11.522	3611771	18.602 ug/ml
Spiked Amount 50.000		Recovery =	37.20%
12) S 1-chlorooctadecane (S...	12.956	2547949	18.313 ug/ml
Spiked Amount 50.000		Recovery =	36.63%
Target Compounds			
1) T n-Nonane (C9)	3.304	3387349	18.993 ug/ml
2) T n-Decane (C10)	4.367	3413820	18.866 ug/ml
3) T A~Naphthalene (C11.7)	5.947	3505350	18.792 ug/ml
4) T n-Dodecane (C12)	6.381	3401266	18.880 ug/ml
5) T A~2-methylnaphthalene...	7.003	3287538	18.680 ug/ml
6) T n-Tetradecane (C14)	8.172	3267940	18.891 ug/ml
7) T n-Hexadecane (C16)	9.770	3261237	18.774 ug/ml
8) T n-Octadecane (C18)	11.208	3216780	18.665 ug/ml
10) T n-Eicosane (C20)	12.514	3015907	18.475 ug/ml
11) T n-Heneicosane (C21)	13.124	2936995	18.331 ug/ml
13) T n-Docosane (C22)	13.707	2882202	18.342 ug/ml
14) T n-Tetracosane (C24)	14.807	2822173	17.905 ug/ml
15) T n-Hexacosane (C26)	15.825	2752886	18.221 ug/ml
16) T n-Octacosane (C28)	16.772	2674688	17.751 ug/ml
17) T n-Tricontane (C30)	17.657	2720202	17.423 ug/ml
18) T n-Dotriacontane (C32)	18.484	2691354	17.036 ug/ml
19) T n-Tetratriacontane (C34)	19.266	2688583	17.472 ug/ml
20) T n-Hexatriacontane (C36)	20.005	2636634	17.859 ug/mlm
21) T n-Octatriacontane (C38)	20.728	2667764	18.010 ug/ml
22) T n-Tetracontane (C40)	21.613	2627552	18.027 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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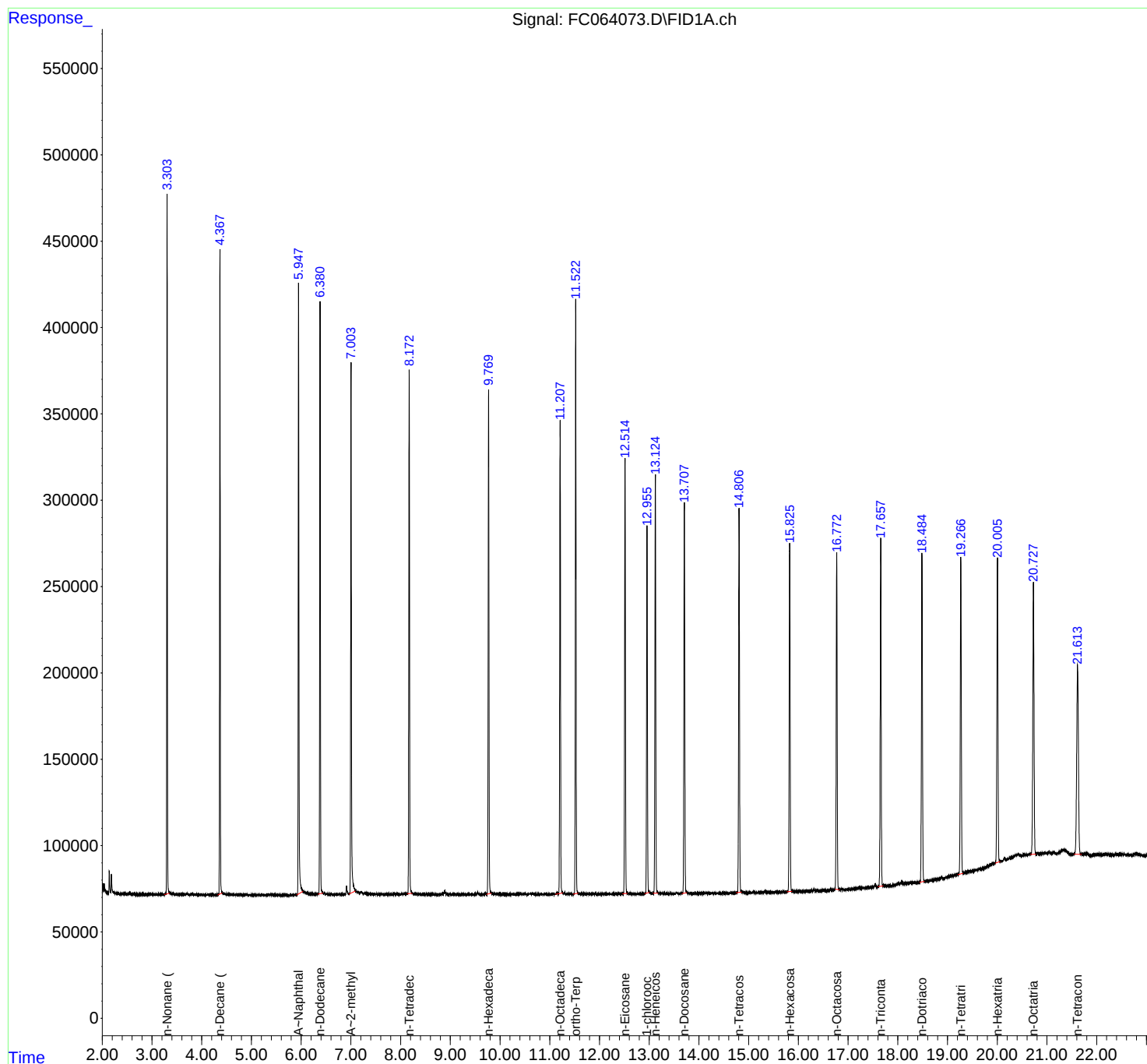
Instrument :
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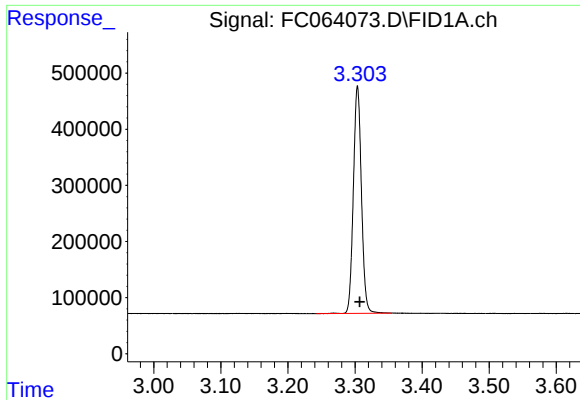
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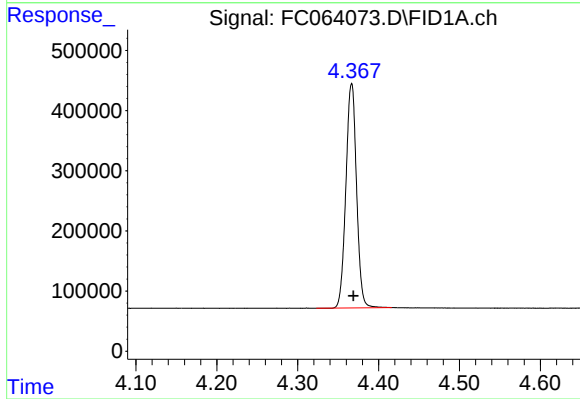
#1 n-Nonane (C9)

R.T.: 3.304 min
Delta R.T.: -0.003 min
Response: 3387349
Conc: 18.99 ug/ml

Instrument :
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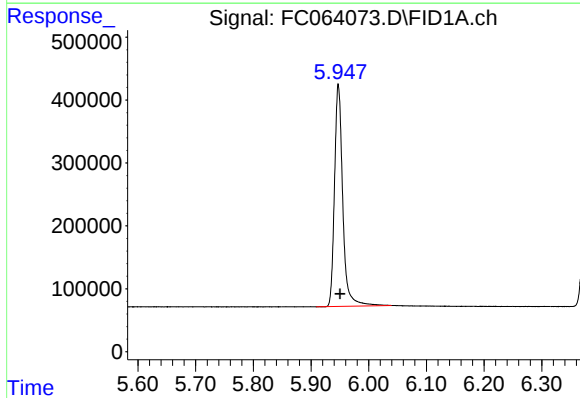
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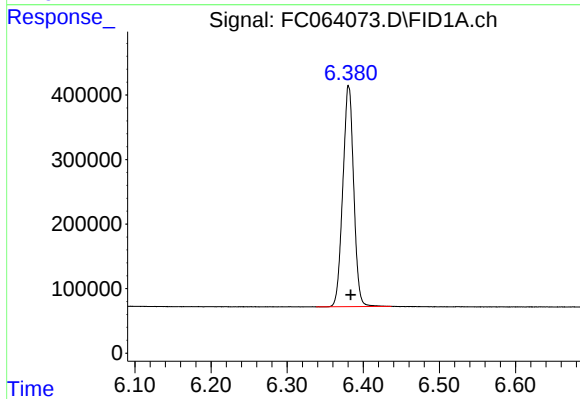
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 3413820
Conc: 18.87 ug/ml



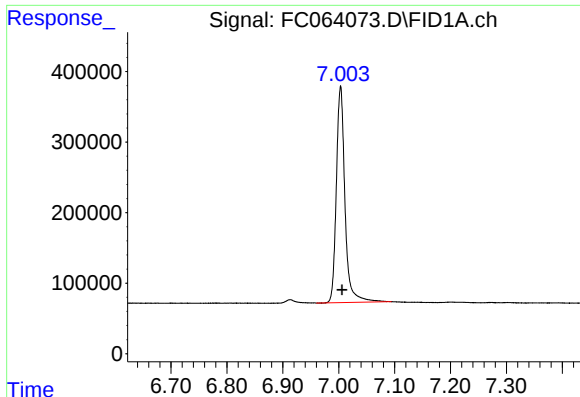
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.003 min
Response: 3505350
Conc: 18.79 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.381 min
Delta R.T.: -0.003 min
Response: 3401266
Conc: 18.88 ug/ml



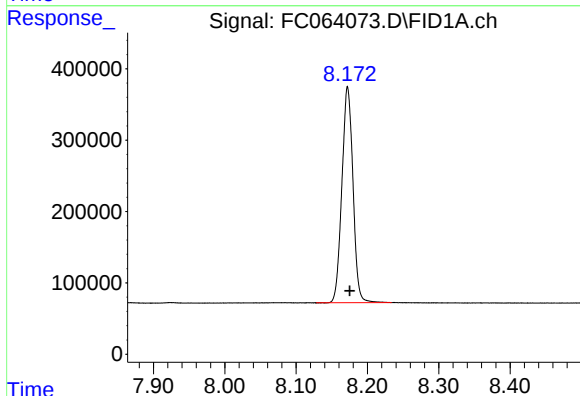
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.003 min
Delta R.T.: -0.002 min
Response: 3287538
Conc: 18.68 ug/ml

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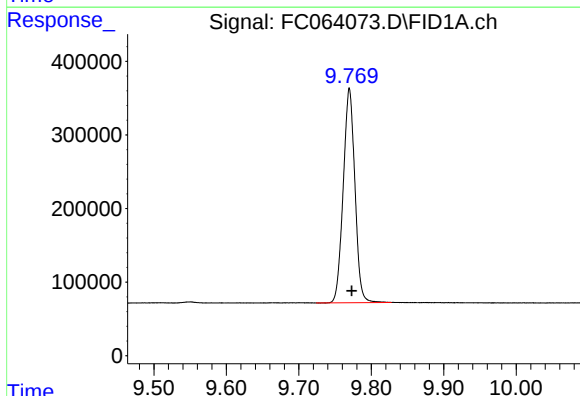
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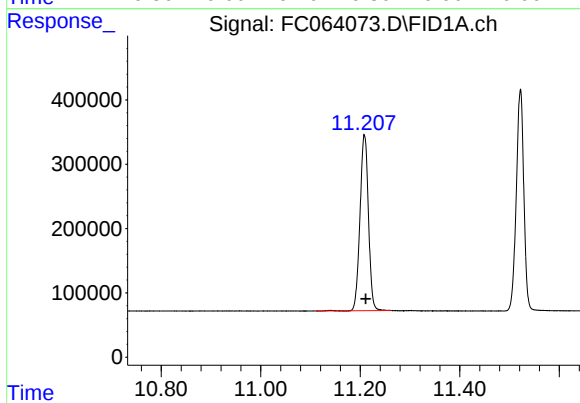
#6 n-Tetradecane (C14)

R.T.: 8.172 min
Delta R.T.: -0.003 min
Response: 3267940
Conc: 18.89 ug/ml



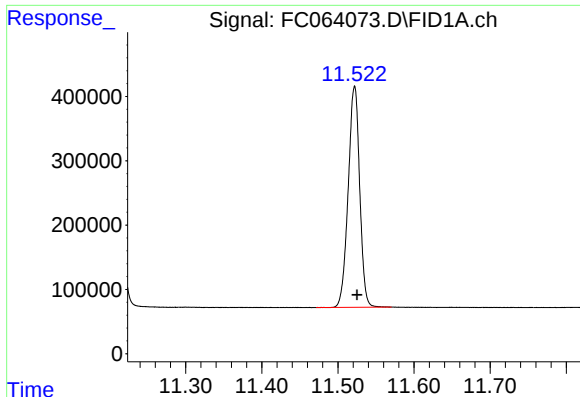
#7 n-Hexadecane (C16)

R.T.: 9.770 min
Delta R.T.: -0.003 min
Response: 3261237
Conc: 18.77 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.208 min
Delta R.T.: -0.003 min
Response: 3216780
Conc: 18.66 ug/ml



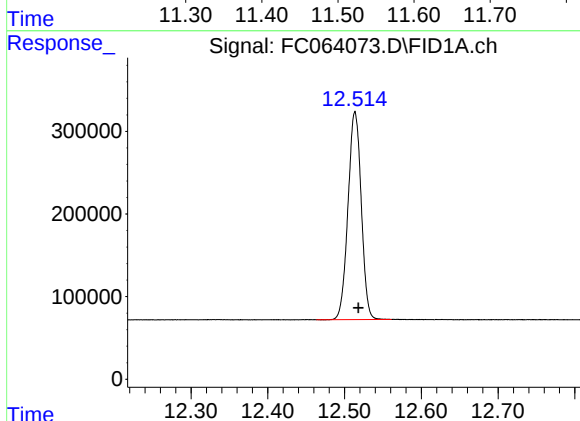
#9 ortho-Terphenyl (SURR)

R.T.: 11.522 min
Delta R.T.: -0.003 min
Response: 3611771
Conc: 18.60 ug/ml

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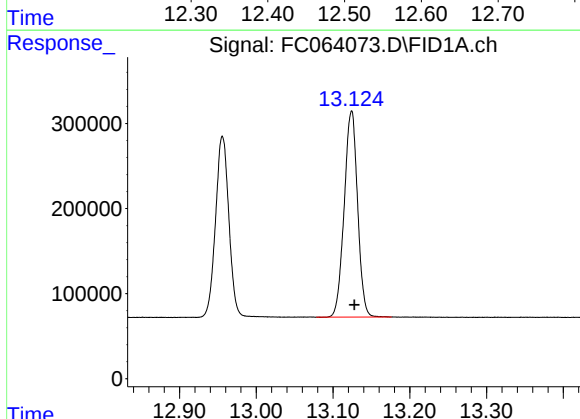
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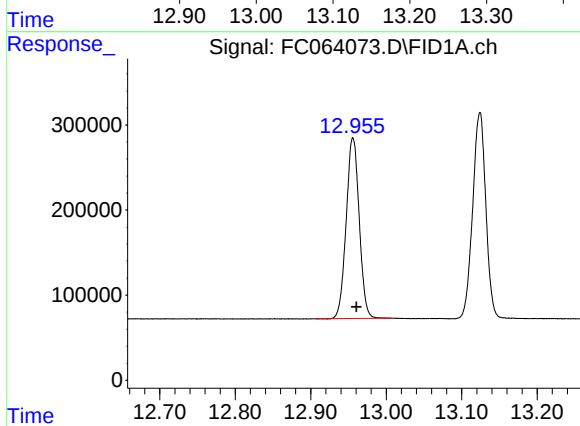
#10 n-Eicosane (C20)

R.T.: 12.514 min
Delta R.T.: -0.005 min
Response: 3015907
Conc: 18.47 ug/ml



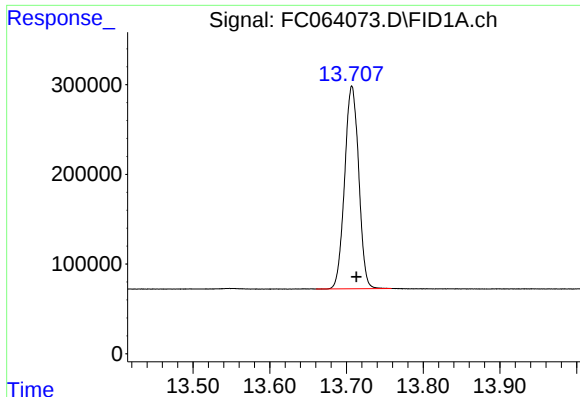
#11 n-Heneicosane (C21)

R.T.: 13.124 min
Delta R.T.: -0.004 min
Response: 2936995
Conc: 18.33 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.956 min
Delta R.T.: -0.005 min
Response: 2547949
Conc: 18.31 ug/ml



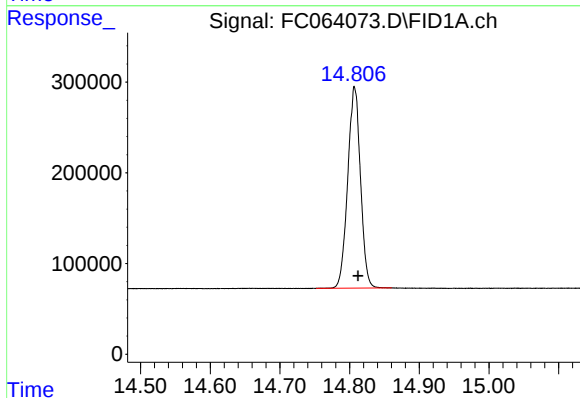
#13 n-Docosane (C22)

R.T.: 13.707 min
Delta R.T.: -0.006 min
Response: 2882202
Conc: 18.34 ug/ml

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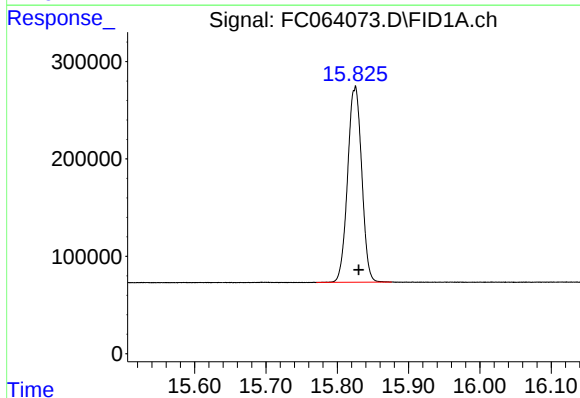
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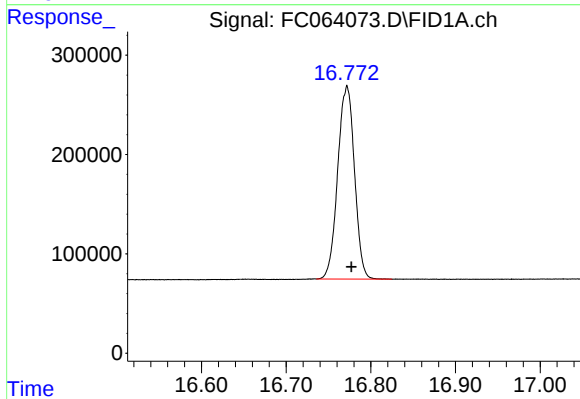
#14 n-Tetracosane (C24)

R.T.: 14.807 min
Delta R.T.: -0.005 min
Response: 2822173
Conc: 17.90 ug/ml



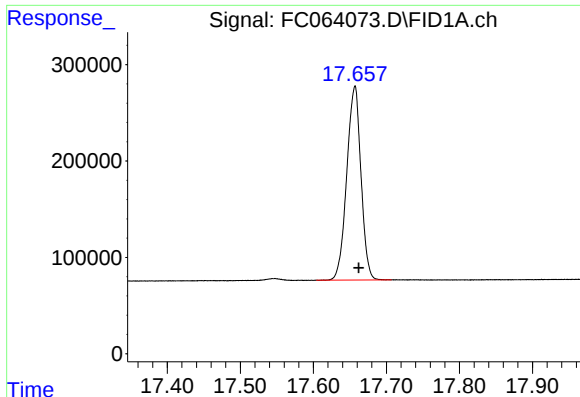
#15 n-Hexacosane (C26)

R.T.: 15.825 min
Delta R.T.: -0.005 min
Response: 2752886
Conc: 18.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.772 min
Delta R.T.: -0.005 min
Response: 2674688
Conc: 17.75 ug/ml



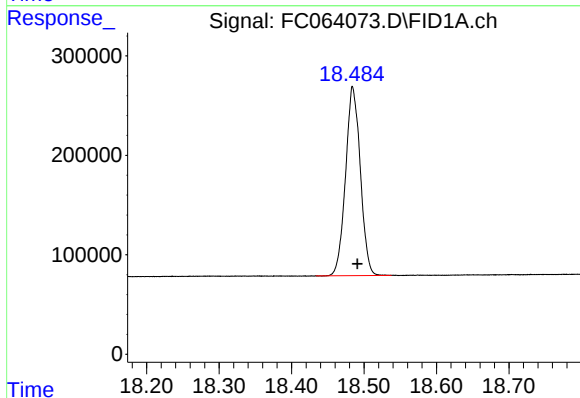
#17 n-Tricontane (C30)

R.T.: 17.657 min
Delta R.T.: -0.005 min
Response: 2720202
Conc: 17.42 ug/ml

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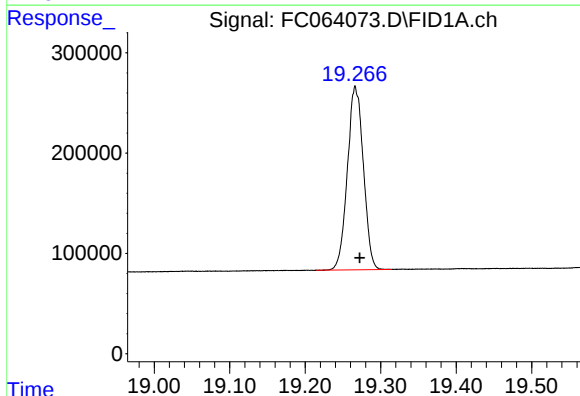
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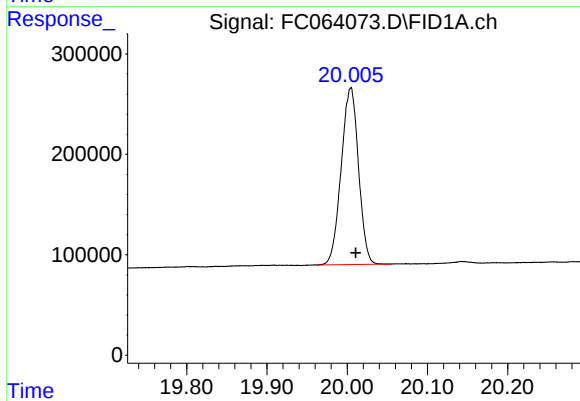
#18 n-Dotriacontane (C32)

R.T.: 18.484 min
Delta R.T.: -0.007 min
Response: 2691354
Conc: 17.04 ug/ml



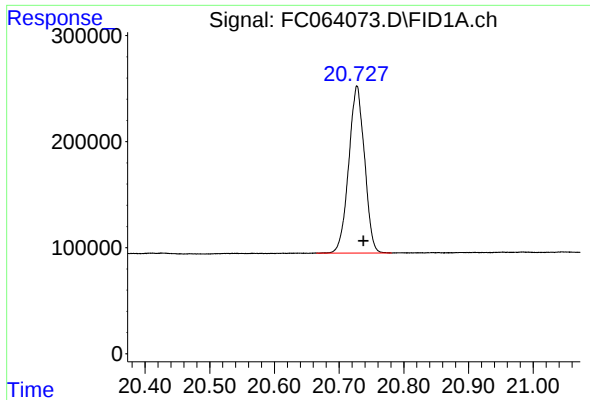
#19 n-Tetratriacontane (C34)

R.T.: 19.266 min
Delta R.T.: -0.006 min
Response: 2688583
Conc: 17.47 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.005 min
Delta R.T.: -0.006 min
Response: 2636634
Conc: 17.86 ug/ml m



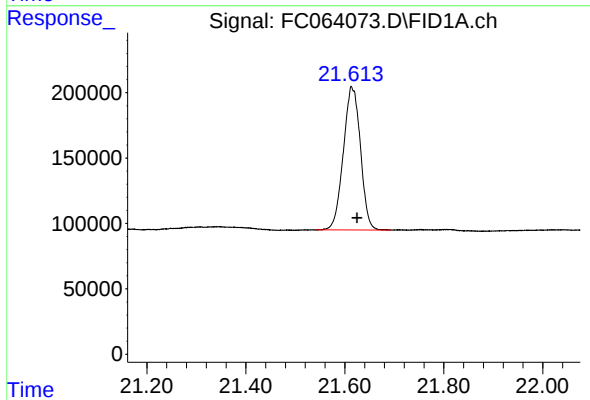
#21 n-Octatriacontane (C38)

R.T.: 20.728 min
Delta R.T.: -0.010 min
Response: 2667764
Conc: 18.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.613 min
Delta R.T.: -0.012 min
Response: 2627552
Conc: 18.03 ug/ml