

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090222AL\
 Data File : FC061425.D
 Signal(s) : FID1A.ch
 Acq On : 02 Sep 2022 14:24
 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 09/06/2022
 Supervised By :Ankita Jodhani 09/06/2022

Integration File: autoint1.e
 Quant Time: Sep 05 01:18:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 31 11:58:37 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			
9) S ortho-Terphenyl (SURR)	11.579	2950180	16.665 ug/ml
Spiked Amount 50.000		Recovery =	33.33%
12) S 1-chlorooctadecane (S...	13.017	2323050	16.587 ug/ml
Spiked Amount 50.000		Recovery =	33.17%
Target Compounds			
1) T n-Nonane (C9)	3.334	2780297	18.389 ug/ml
2) T n-Decane (C10)	4.403	2817133	18.566 ug/ml
3) T A~Naphthalene (C11.7)	5.989	3162717	18.271 ug/ml
4) T n-Dodecane (C12)	6.422	2825721	18.245 ug/ml
5) T A~2-methylnaphthalene...	7.045	3161651	17.955 ug/ml
6) T n-Tetradecane (C14)	8.219	2800688	17.905 ug/ml
7) T n-Hexadecane (C16)	9.821	2768999	17.678 ug/ml
8) T n-Octadecane (C18)	11.262	2739866	17.367 ug/ml
10) T n-Eicosane (C20)	12.572	2644016	17.008 ug/ml
11) T n-Heneicosane (C21)	13.184	2602958	16.641 ug/ml
13) T n-Docosane (C22)	13.770	2572686	16.579 ug/ml
14) T n-Tetracosane (C24)	14.872	2562949	16.567 ug/ml
15) T n-Hexacosane (C26)	15.893	2475236	16.446 ug/ml
16) T n-Octacosane (C28)	16.843	2474428	16.752 ug/ml
17) T n-Tricontane (C30)	17.730	2524218	18.276 ug/ml
18) T n-Dotriacontane (C32)	18.562	2178636	19.848 ug/ml
19) T n-Tetratriacontane (C34)	19.345	1628032	21.092 ug/mlm
20) T n-Hexatriacontane (C36)	20.083	1241873	21.996 ug/mlm
21) T n-Octatriacontane (C38)	20.818	1023049	22.053 ug/mlm
22) T n-Tetracontane (C40)	21.730	939240	22.393 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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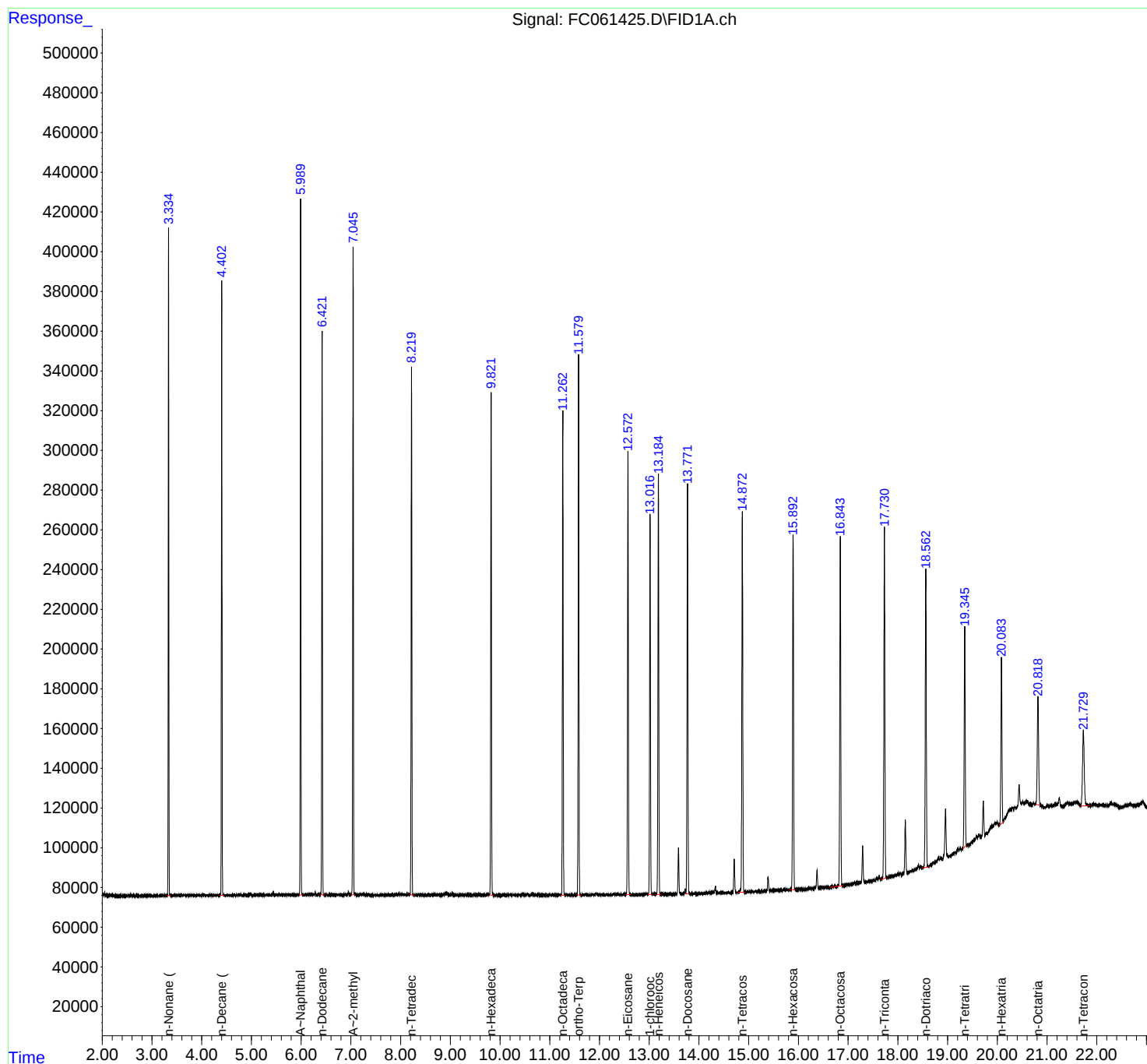
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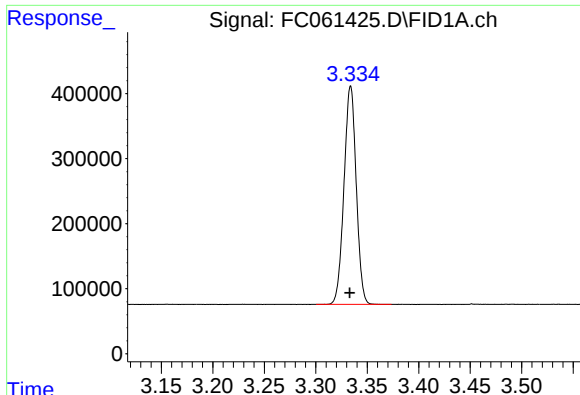
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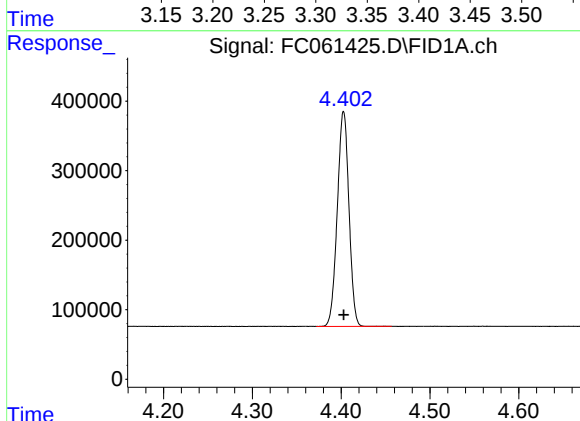
#1 n-Nonane (C9)

R.T.: 3.334 min
Delta R.T.: 0.000 min
Response: 2780297
Conc: 18.39 ug/ml

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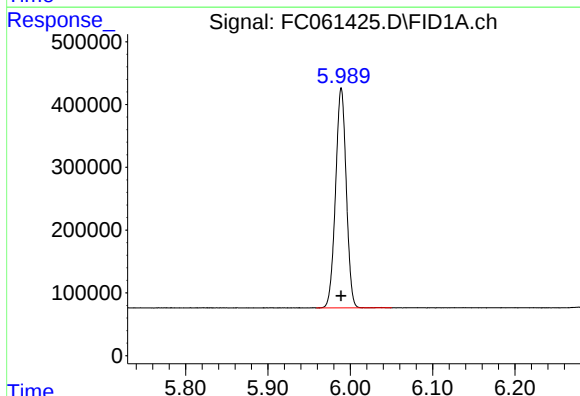
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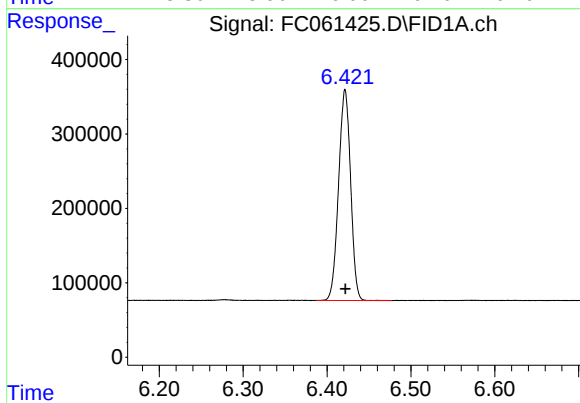
#2 n-Decane (C10)

R.T.: 4.403 min
Delta R.T.: 0.000 min
Response: 2817133
Conc: 18.57 ug/ml



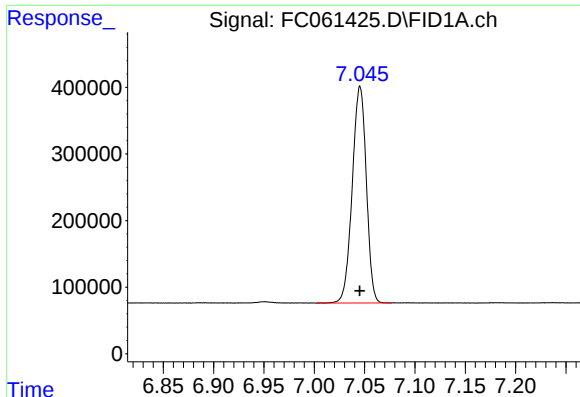
#3 A~Naphthalene (C11.7)

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 3162717
Conc: 18.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.422 min
Delta R.T.: 0.000 min
Response: 2825721
Conc: 18.25 ug/ml



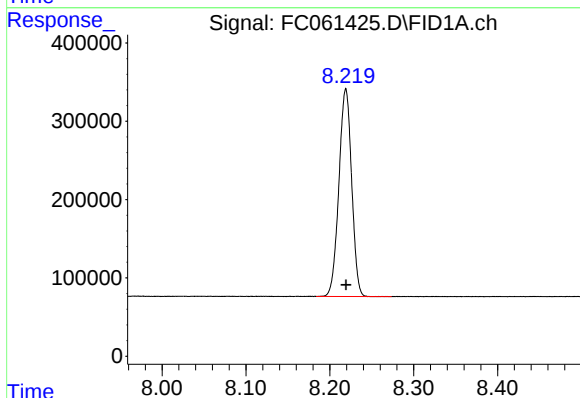
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.045 min
Delta R.T.: 0.000 min
Response: 3161651
Conc: 17.96 ug/ml

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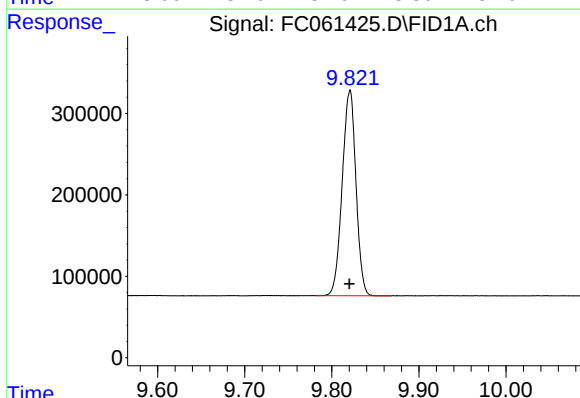
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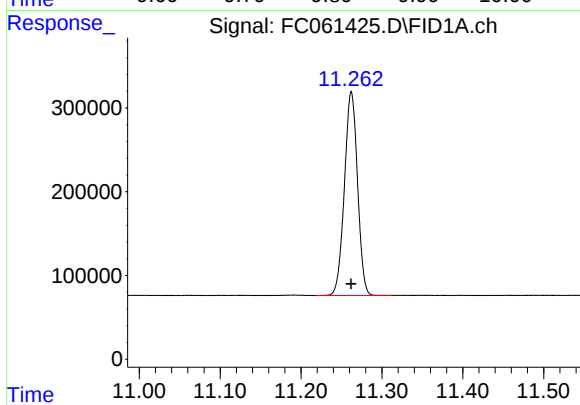
#6 n-Tetradecane (C14)

R.T.: 8.219 min
Delta R.T.: 0.000 min
Response: 2800688
Conc: 17.91 ug/ml



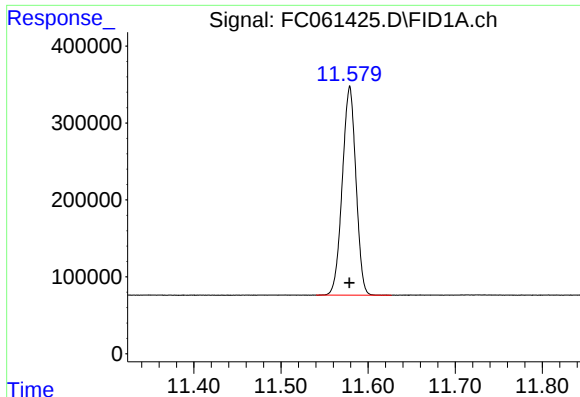
#7 n-Hexadecane (C16)

R.T.: 9.821 min
Delta R.T.: 0.000 min
Response: 2768999
Conc: 17.68 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.262 min
Delta R.T.: 0.000 min
Response: 2739866
Conc: 17.37 ug/ml



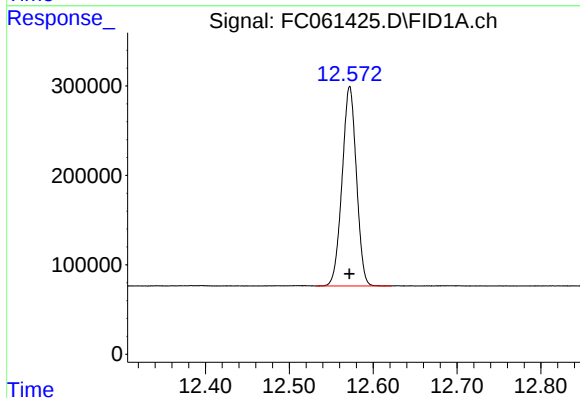
#9 ortho-Terphenyl (SURR)

R.T.: 11.579 min
Delta R.T.: 0.000 min
Response: 2950180
Conc: 16.67 ug/ml

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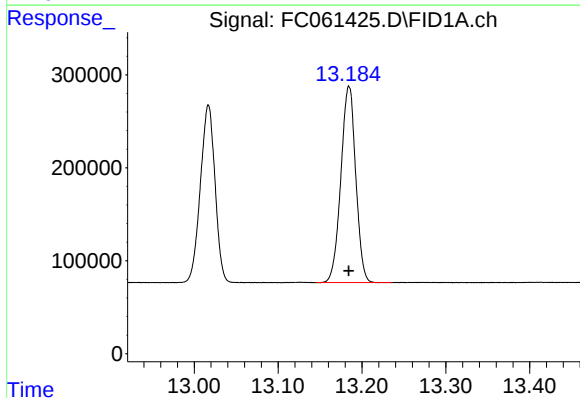
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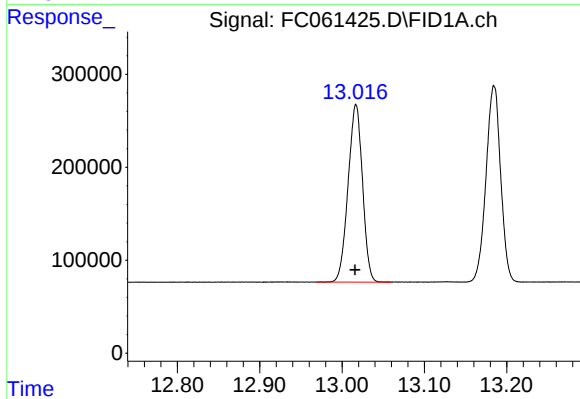
#10 n-Eicosane (C20)

R.T.: 12.572 min
Delta R.T.: 0.000 min
Response: 2644016
Conc: 17.01 ug/ml



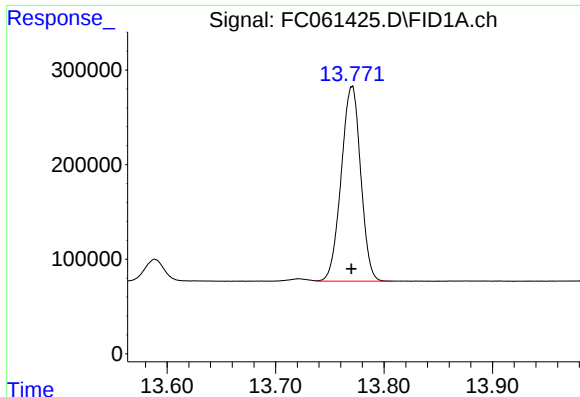
#11 n-Heneicosane (C21)

R.T.: 13.184 min
Delta R.T.: 0.000 min
Response: 2602958
Conc: 16.64 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.017 min
Delta R.T.: 0.001 min
Response: 2323050
Conc: 16.59 ug/ml



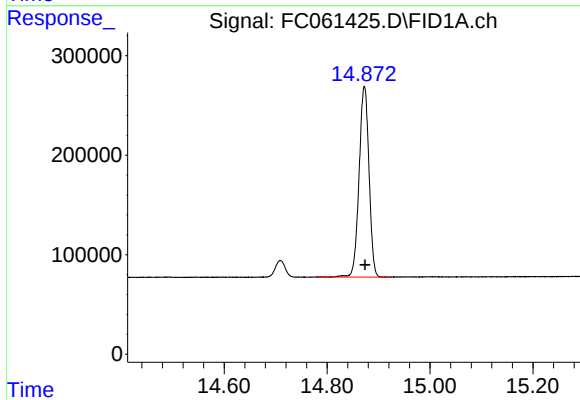
#13 n-Docosane (C22)

R.T.: 13.770 min
Delta R.T.: 0.000 min
Response: 2572686
Conc: 16.58 ug/ml

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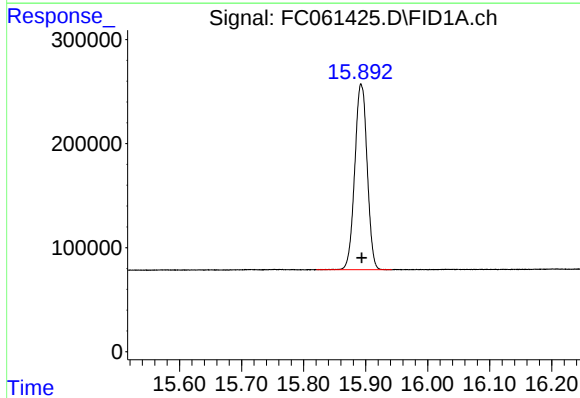
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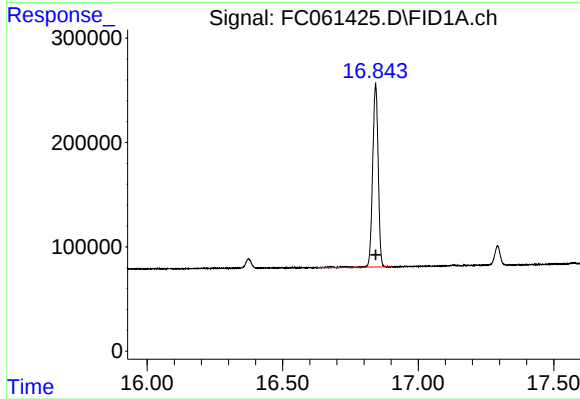
#14 n-Tetracosane (C24)

R.T.: 14.872 min
Delta R.T.: -0.001 min
Response: 2562949
Conc: 16.57 ug/ml



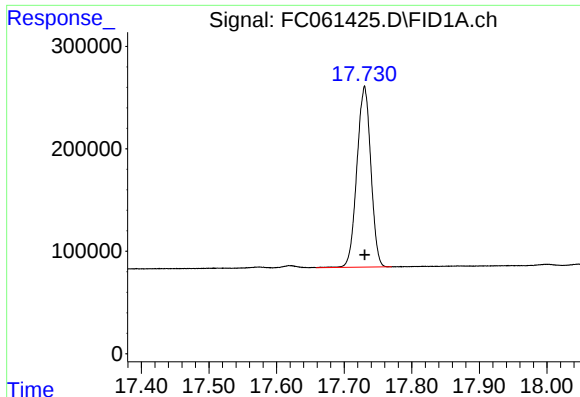
#15 n-Hexacosane (C26)

R.T.: 15.893 min
Delta R.T.: 0.000 min
Response: 2475236
Conc: 16.45 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.843 min
Delta R.T.: 0.000 min
Response: 2474428
Conc: 16.75 ug/ml



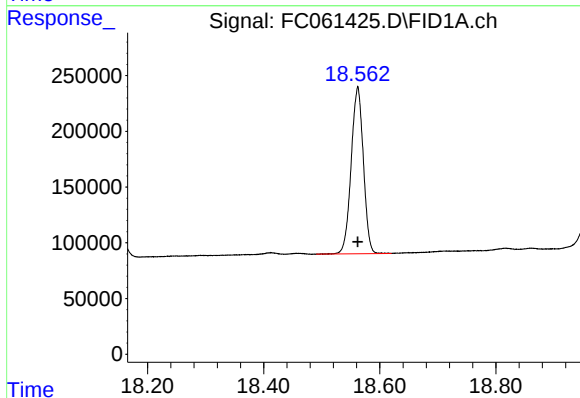
#17 n-Tricontane (C30)

R.T.: 17.730 min
Delta R.T.: 0.000 min
Response: 2524218
Conc: 18.28 ug/ml

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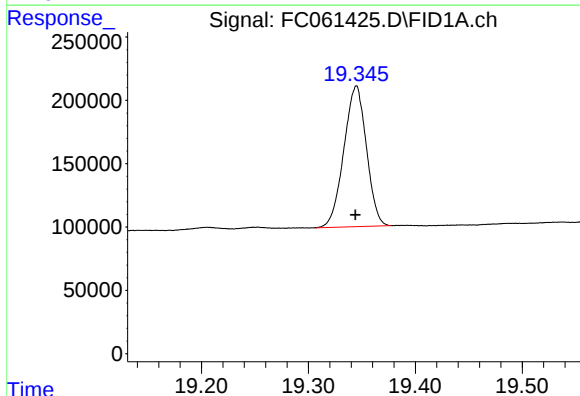
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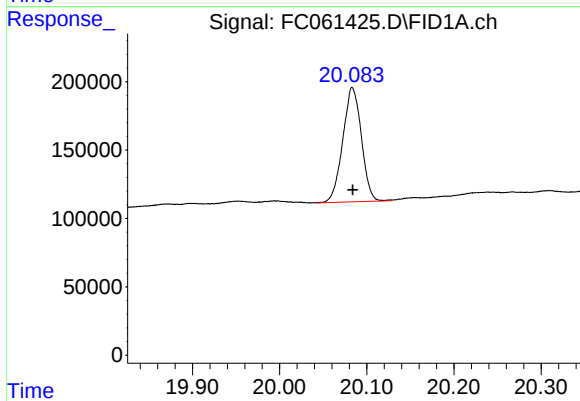
#18 n-Dotriacontane (C32)

R.T.: 18.562 min
Delta R.T.: 0.000 min
Response: 2178636
Conc: 19.85 ug/ml



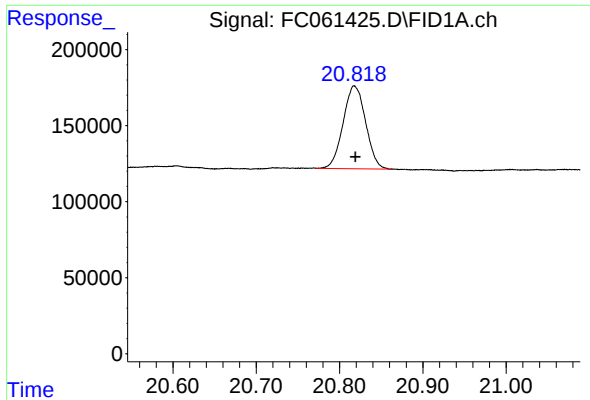
#19 n-Tetratriacontane (C34)

R.T.: 19.345 min
Delta R.T.: 0.000 min
Response: 1628032
Conc: 21.09 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.083 min
Delta R.T.: -0.001 min
Response: 1241873
Conc: 22.00 ug/ml m



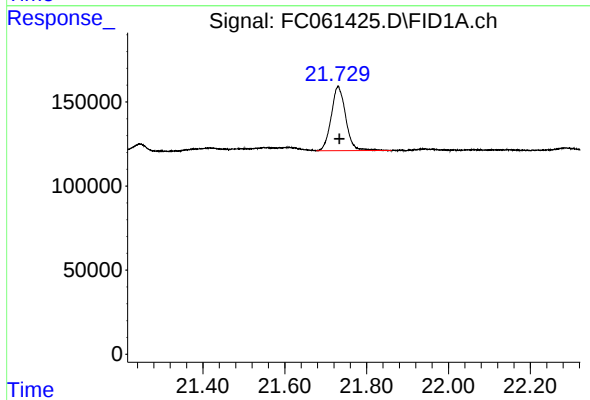
#21 n-Octatriacontane (C38)

R.T.: 20.818 min
Delta R.T.: -0.001 min
Response: 1023049
Conc: 22.05 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.730 min
Delta R.T.: -0.003 min
Response: 939240
Conc: 22.39 ug/ml