

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110922AL\
 Data File : FC062117.D
 Signal(s) : FID1A.ch
 Acq On : 09 Nov 2022 10:44
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/10/2022
 Supervised By :Ankita Jodhani 11/10/2022

Integration File: autoint1.e
 Quant Time: Nov 10 03:16:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 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)	11.592	2681302	18.039 ug/ml
Spiked Amount 50.000		Recovery =	36.08%
12) S 1-chlorooctadecane (S...	13.026	2071577	17.782 ug/ml
Spiked Amount 50.000		Recovery =	35.56%
Target Compounds			
1) T n-Nonane (C9)	3.350	2629672	18.695 ug/ml
2) T n-Decane (C10)	4.417	2745533	19.234 ug/ml
3) T A~Naphthalene (C11.7)	6.004	2788885	18.068 ug/ml
4) T n-Dodecane (C12)	6.438	2753402	18.967 ug/ml
5) T A~2-methylnaphthalene...	7.063	2713075	17.885 ug/ml
6) T n-Tetradecane (C14)	8.234	2700557	18.578 ug/ml
7) T n-Hexadecane (C16)	9.835	2674869	18.368 ug/ml
8) T n-Octadecane (C18)	11.276	2629413	18.192 ug/ml
10) T n-Eicosane (C20)	12.584	2545699	18.037 ug/ml
11) T n-Heneicosane (C21)	13.194	2493911	17.973 ug/ml
13) T n-Docosane (C22)	13.778	2489217	18.157 ug/mlm
14) T n-Tetracosane (C24)	14.879	2426251	18.362 ug/ml
15) T n-Hexacosane (C26)	15.898	2428623	19.274 ug/ml
16) T n-Octacosane (C28)	16.845	2508839	20.802 ug/ml
17) T n-Tricontane (C30)	17.731	2850161	23.954 ug/ml
18) T n-Dotriacontane (C32)	18.563	2986003	25.343 ug/ml
19) T n-Tetratriacontane (C34)	19.343	2751147	24.352 ug/ml
20) T n-Hexatriacontane (C36)	20.081	2558151	22.557 ug/ml
21) T n-Octatriacontane (C38)	20.818	2369688	21.060 ug/ml
22) T n-Tetracontane (C40)	21.731	2218649	19.762 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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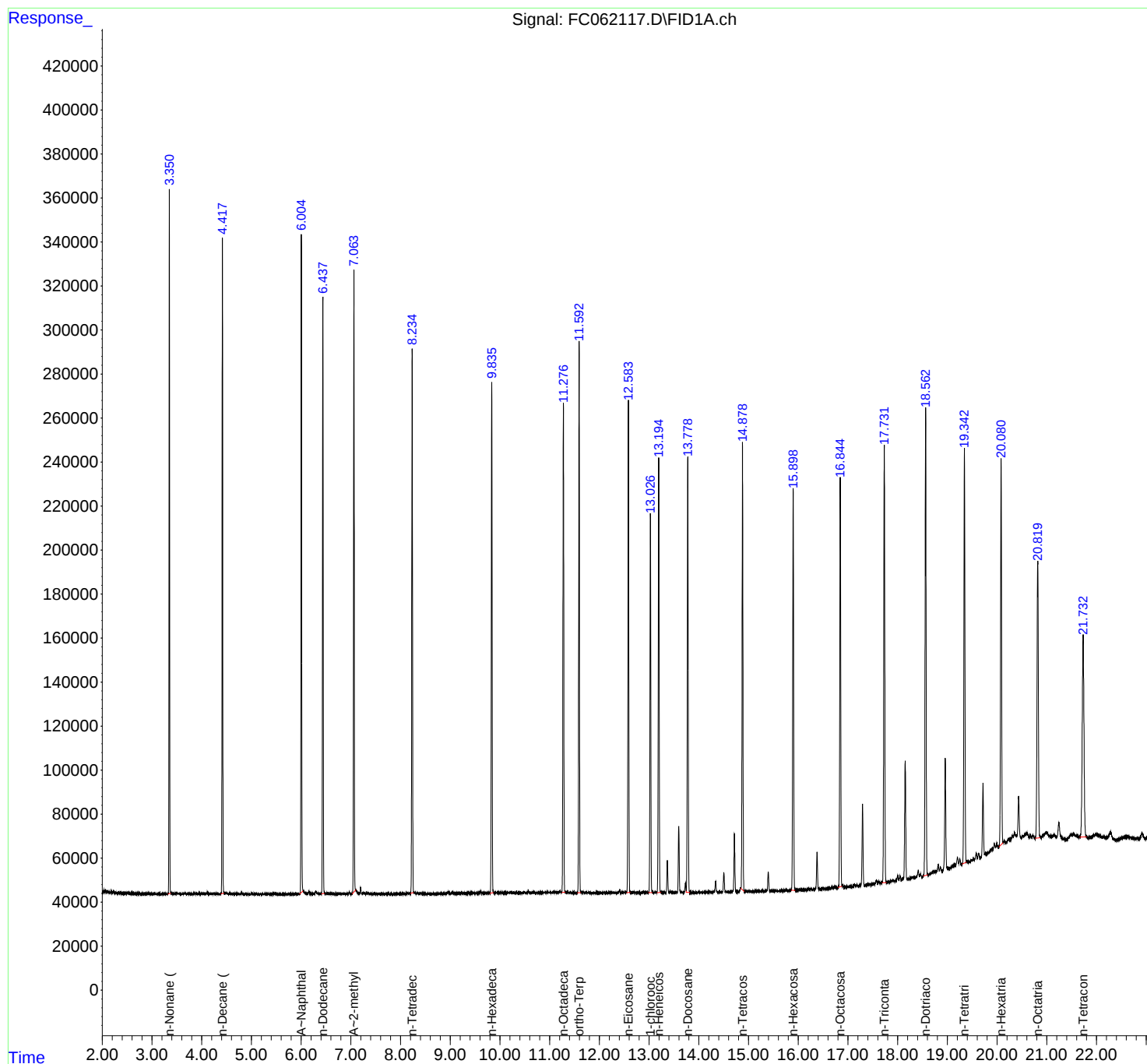
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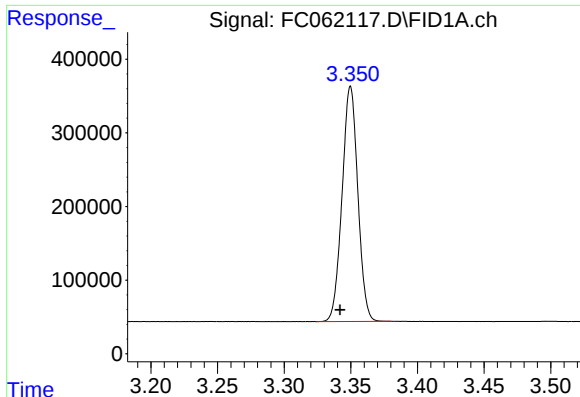
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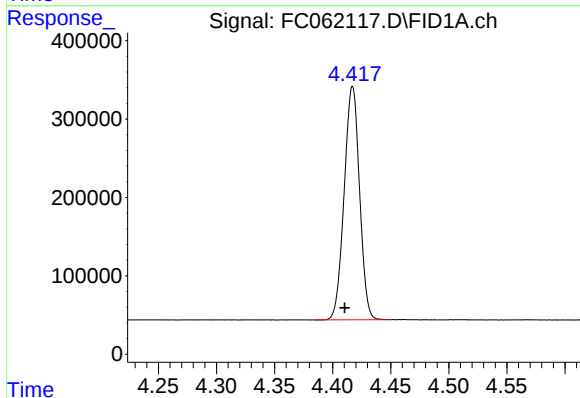
#1 n-Nonane (C9)

R.T.: 3.350 min
Delta R.T.: 0.008 min
Response: 2629672
Conc: 18.70 ug/ml

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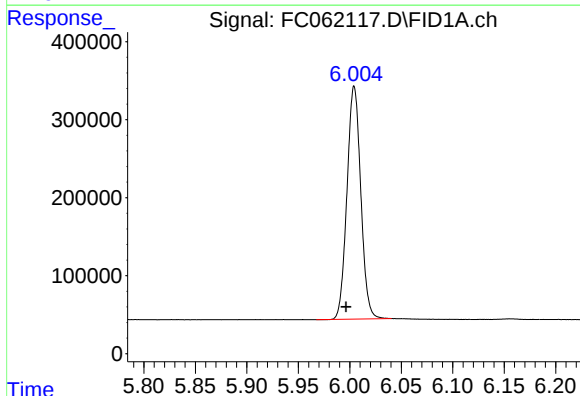
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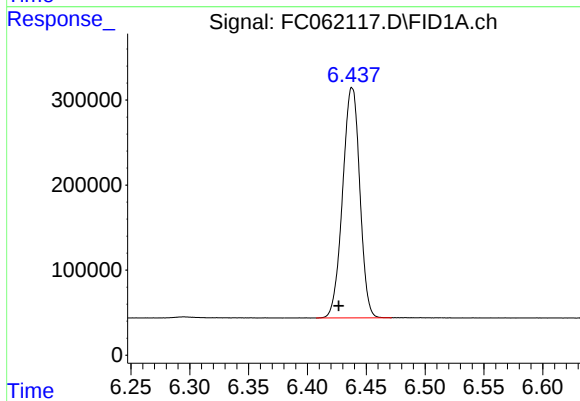
#2 n-Decane (C10)

R.T.: 4.417 min
Delta R.T.: 0.007 min
Response: 2745533
Conc: 19.23 ug/ml



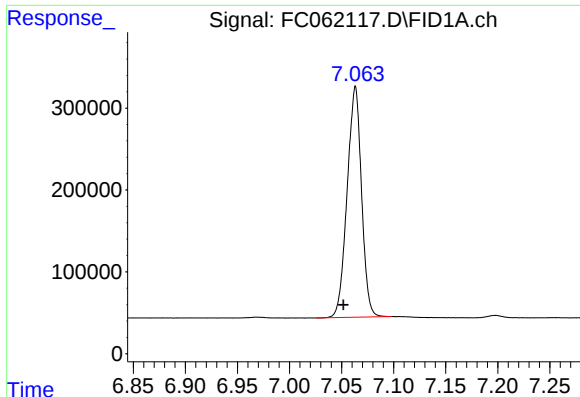
#3 A~Naphthalene (C11.7)

R.T.: 6.004 min
Delta R.T.: 0.008 min
Response: 2788885
Conc: 18.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.438 min
Delta R.T.: 0.011 min
Response: 2753402
Conc: 18.97 ug/ml



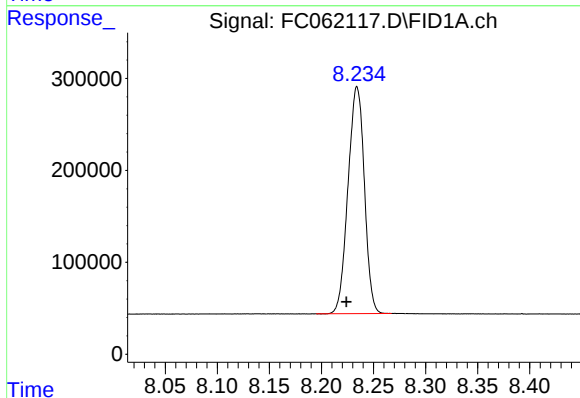
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.063 min
Delta R.T.: 0.012 min
Response: 2713075
Conc: 17.88 ug/ml

Instrument :
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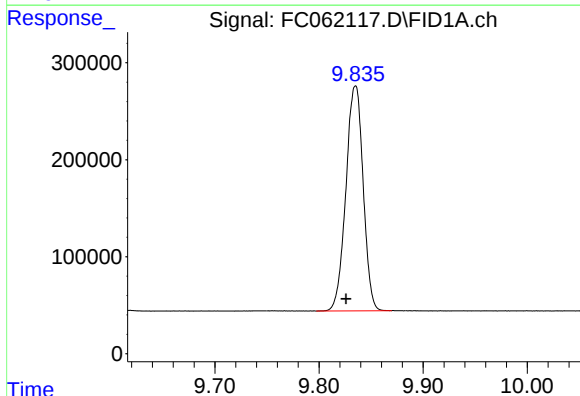
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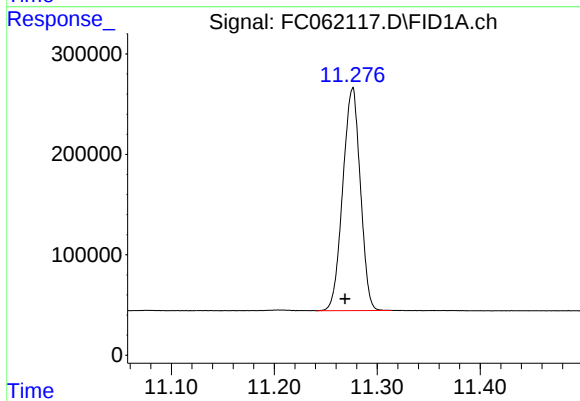
#6 n-Tetradecane (C14)

R.T.: 8.234 min
Delta R.T.: 0.010 min
Response: 2700557
Conc: 18.58 ug/ml



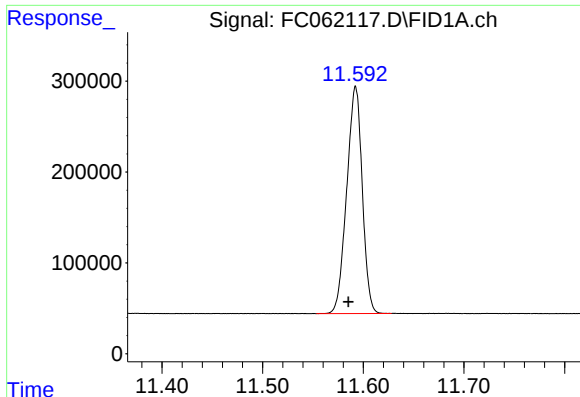
#7 n-Hexadecane (C16)

R.T.: 9.835 min
Delta R.T.: 0.009 min
Response: 2674869
Conc: 18.37 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.276 min
Delta R.T.: 0.007 min
Response: 2629413
Conc: 18.19 ug/ml



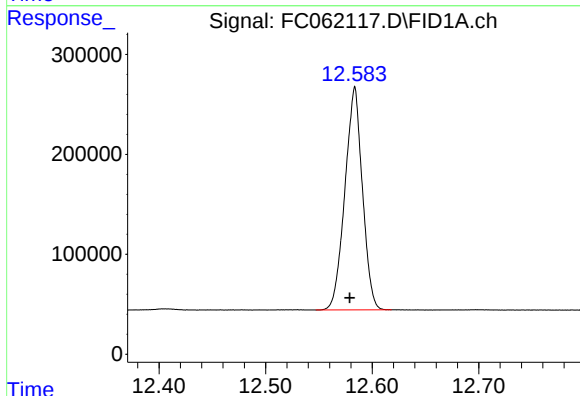
#9 ortho-Terphenyl (SURR)

R.T.: 11.592 min
Delta R.T.: 0.007 min
Response: 2681302
Conc: 18.04 ug/ml

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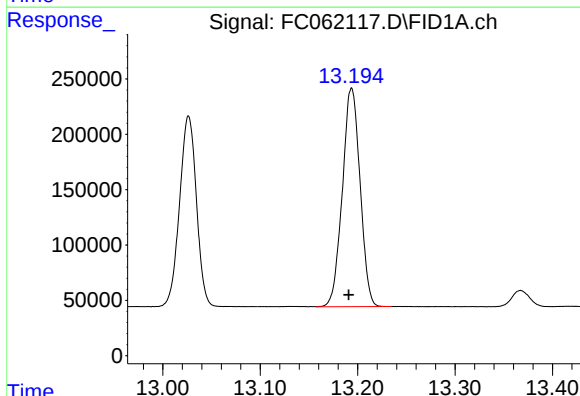
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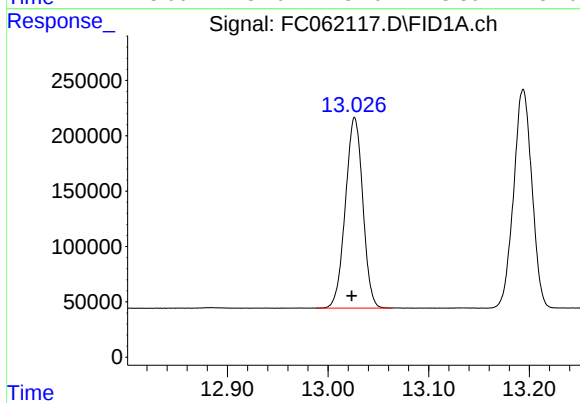
#10 n-Eicosane (C20)

R.T.: 12.584 min
Delta R.T.: 0.005 min
Response: 2545699
Conc: 18.04 ug/ml



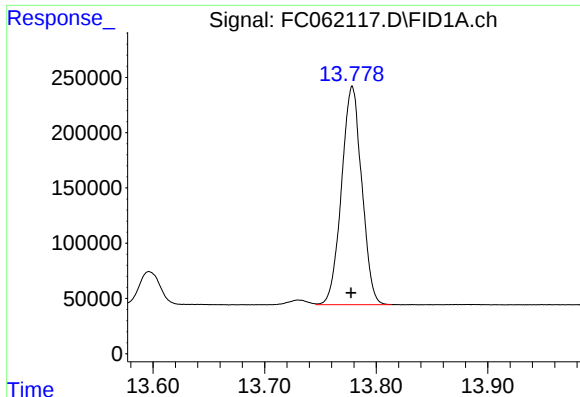
#11 n-Heneicosane (C21)

R.T.: 13.194 min
Delta R.T.: 0.003 min
Response: 2493911
Conc: 17.97 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.026 min
Delta R.T.: 0.003 min
Response: 2071577
Conc: 17.78 ug/ml



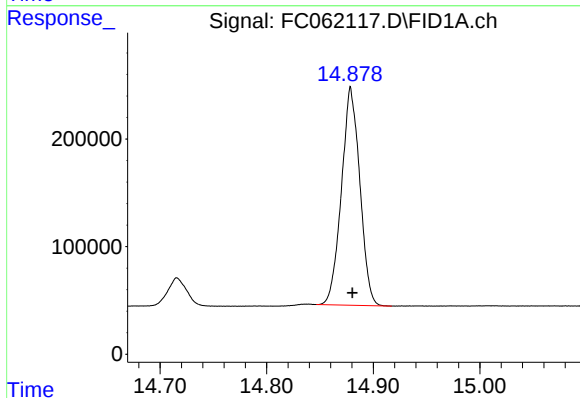
#13 n-Docosane (C22)

R.T.: 13.778 min
Delta R.T.: 0.000 min
Response: 2489217
Conc: 18.16 ug/ml

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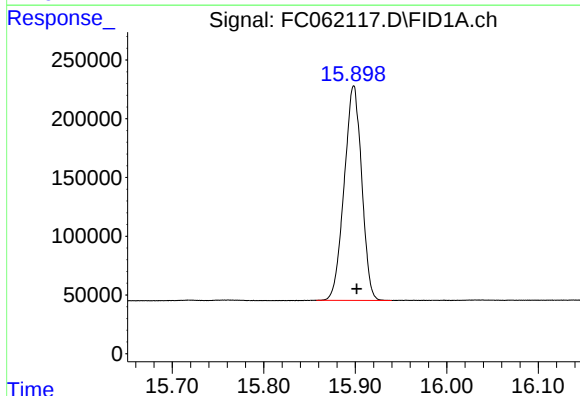
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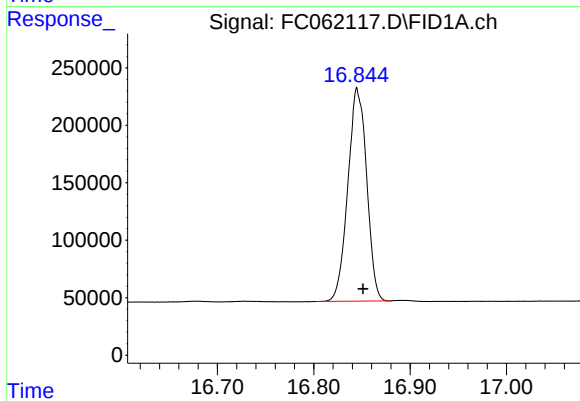
#14 n-Tetracosane (C24)

R.T.: 14.879 min
Delta R.T.: -0.002 min
Response: 2426251
Conc: 18.36 ug/ml



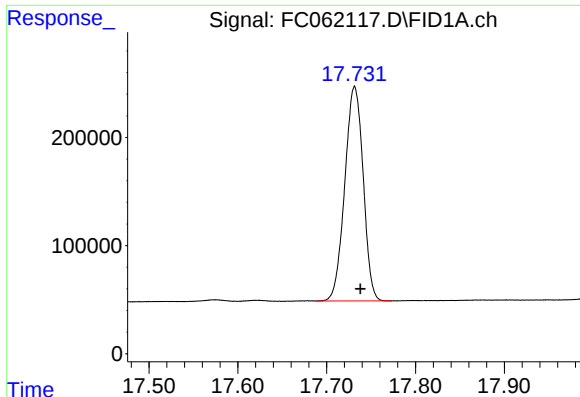
#15 n-Hexacosane (C26)

R.T.: 15.898 min
Delta R.T.: -0.003 min
Response: 2428623
Conc: 19.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.845 min
Delta R.T.: -0.006 min
Response: 2508839
Conc: 20.80 ug/ml



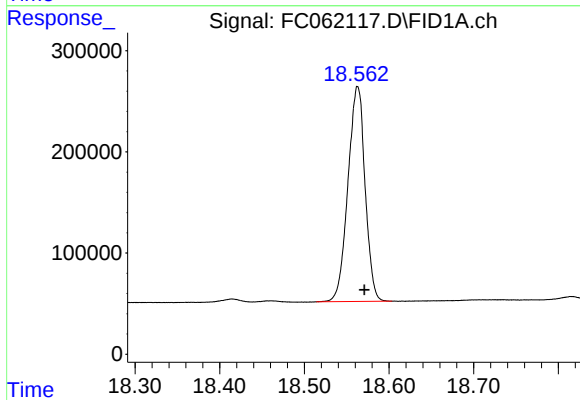
#17 n-Tricontane (C30)

R.T.: 17.731 min
Delta R.T.: -0.007 min
Response: 2850161
Conc: 23.95 ug/ml

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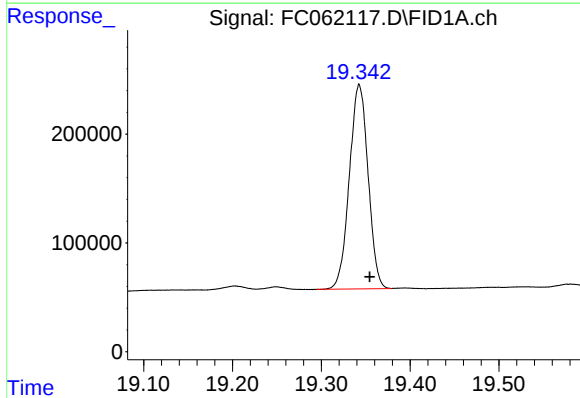
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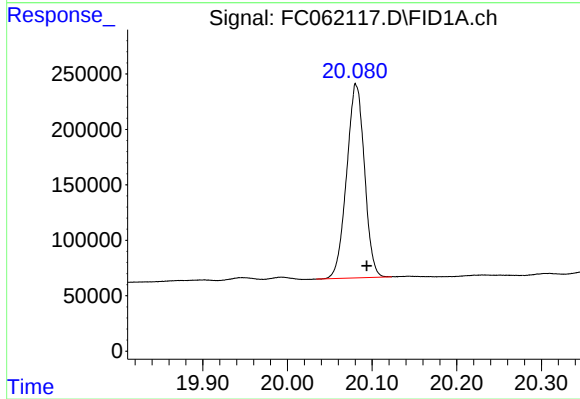
#18 n-Dotriacontane (C32)

R.T.: 18.563 min
Delta R.T.: -0.008 min
Response: 2986003
Conc: 25.34 ug/ml



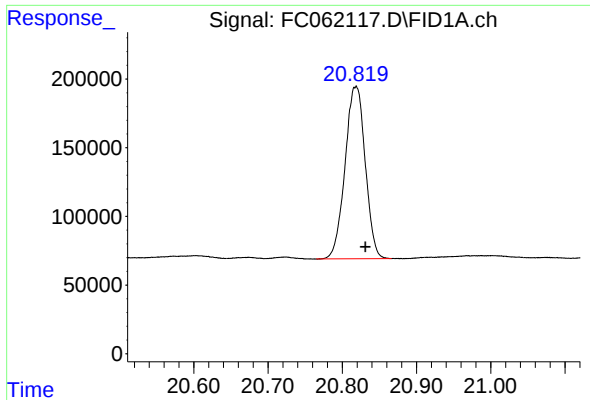
#19 n-Tetratriacontane (C34)

R.T.: 19.343 min
Delta R.T.: -0.012 min
Response: 2751147
Conc: 24.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.081 min
Delta R.T.: -0.013 min
Response: 2558151
Conc: 22.56 ug/ml



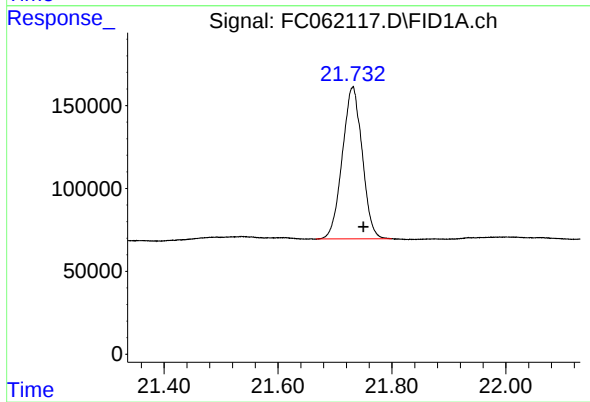
#21 n-Octatriacontane (C38)

R.T.: 20.818 min
Delta R.T.: -0.013 min
Response: 2369688
Conc: 21.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.731 min
Delta R.T.: -0.018 min
Response: 2218649
Conc: 19.76 ug/ml