

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062822AL\
 Data File : FC060500.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jun 2022 00:31
 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 06/29/2022
 Supervised By :Ankita Jodhani 06/29/2022

Integration File: autoint1.e
 Quant Time: Jun 29 03:17:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:15:44 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)	10.639	3750074	20.463 ug/ml
Spiked Amount 50.000		Recovery =	40.93%
12) S 1-chlorooctadecane (S...	12.004	3010633	20.426 ug/ml
Spiked Amount 50.000		Recovery =	40.85%
Target Compounds			
1) T n-Nonane (C9)	2.634	3106088	20.249 ug/ml
2) T n-Decane (C10)	3.629	3149570	20.623 ug/ml
3) T A~Naphthalene (C11.7)	5.168	3484494	20.842 ug/ml
4) T n-Dodecane (C12)	5.576	3348028	20.716 ug/ml
5) T A~2-methylnaphthalene...	6.192	3486653	20.511 ug/ml
6) T n-Tetradecane (C14)	7.324	3405654	20.615 ug/ml
7) T n-Hexadecane (C16)	8.886	3475595	20.565 ug/ml
8) T n-Octadecane (C18)	10.292	3530783	20.523 ug/ml
10) T n-Eicosane (C20)	11.569	3496515	20.487 ug/ml
11) T n-Heneicosane (C21)	12.166	3482592	20.426 ug/ml
13) T n-Docosane (C22)	12.738	3546727	20.807 ug/ml
14) T n-Tetracosane (C24)	13.814	3487702	20.772 ug/ml
15) T n-Hexacosane (C26)	14.812	3402397	20.705 ug/ml
16) T n-Octacosane (C28)	15.736	3325139	20.955 ug/ml
17) T n-Tricontane (C30)	16.602	3244470	21.314 ug/ml
18) T n-Dotriacontane (C32)	17.413	3026842	20.822 ug/ml
19) T n-Tetratriacontane (C34)	18.176	2719380	21.411 ug/ml
20) T n-Hexatriacontane (C36)	18.895	2499822	22.274 ug/mlm
21) T n-Octatriacontane (C38)	19.578	2402152	21.944 ug/mlm
22) T n-Tetracontane (C40)	20.224	2416050	21.392 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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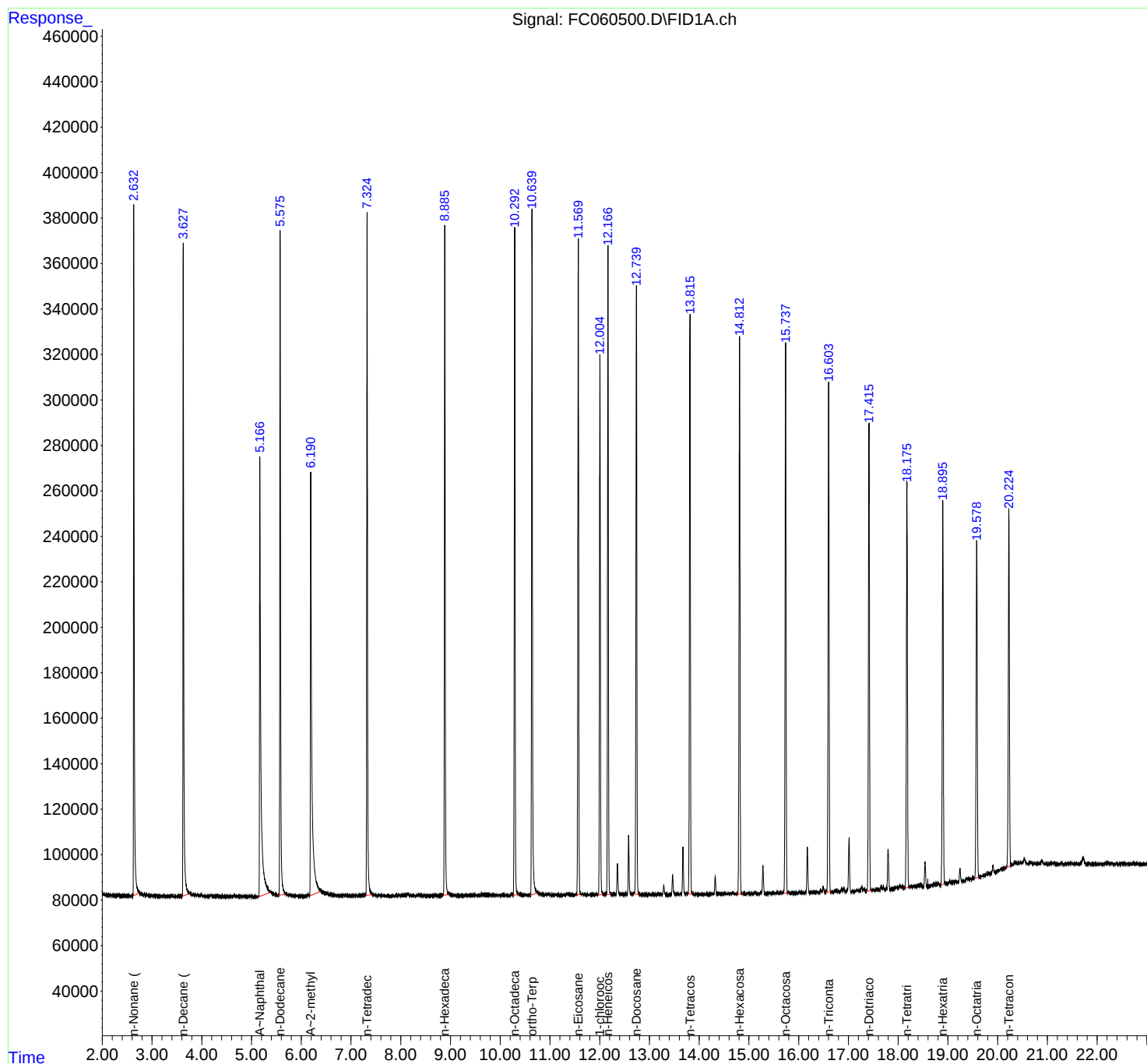
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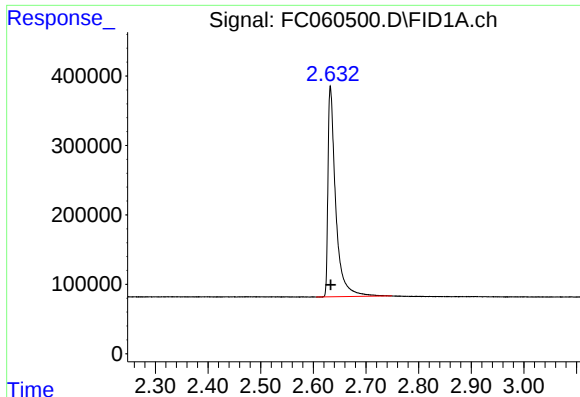
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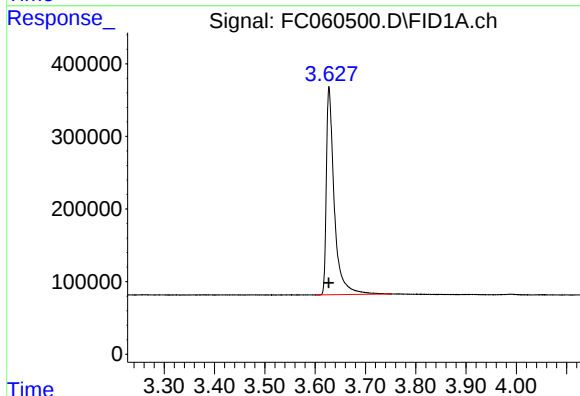
#1 n-Nonane (C9)

R.T.: 2.634 min
Delta R.T.: 0.000 min
Response: 3106088
Conc: 20.25 ug/ml

Instrument :
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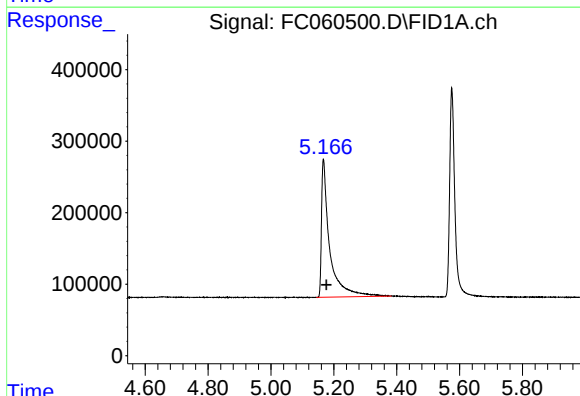
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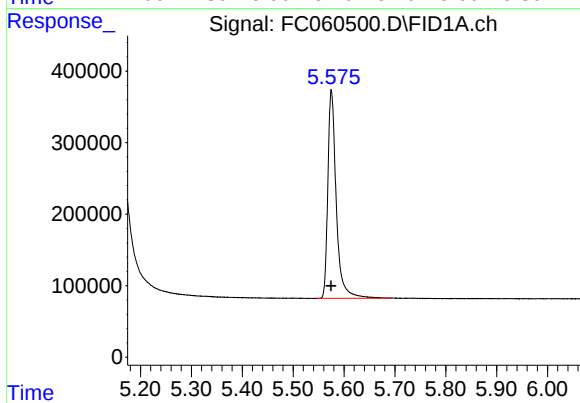
#2 n-Decane (C10)

R.T.: 3.629 min
Delta R.T.: 0.001 min
Response: 3149570
Conc: 20.62 ug/ml



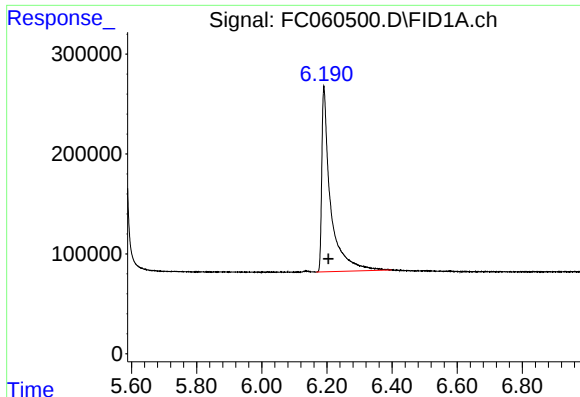
#3 A~Naphthalene (C11.7)

R.T.: 5.168 min
Delta R.T.: -0.009 min
Response: 3484494
Conc: 20.84 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.576 min
Delta R.T.: 0.001 min
Response: 3348028
Conc: 20.72 ug/ml



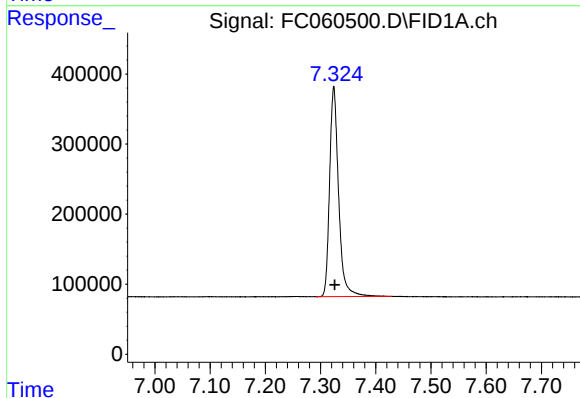
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.192 min
Delta R.T.: -0.013 min
Response: 3486653
Conc: 20.51 ug/ml

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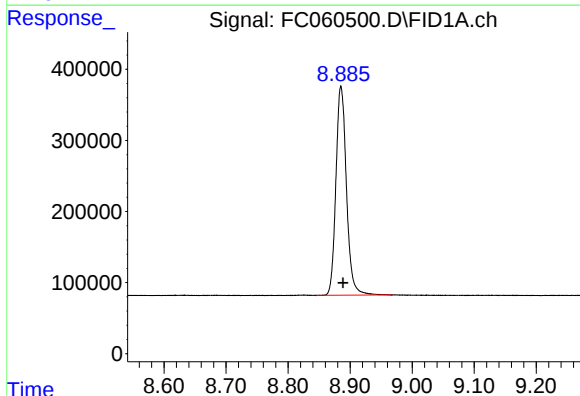
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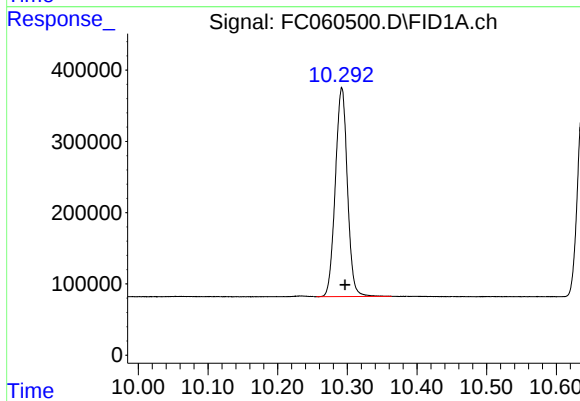
#6 n-Tetradecane (C14)

R.T.: 7.324 min
Delta R.T.: -0.001 min
Response: 3405654
Conc: 20.62 ug/ml



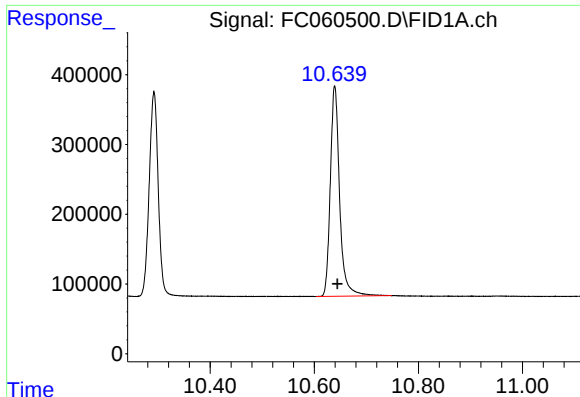
#7 n-Hexadecane (C16)

R.T.: 8.886 min
Delta R.T.: -0.003 min
Response: 3475595
Conc: 20.57 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.292 min
Delta R.T.: -0.005 min
Response: 3530783
Conc: 20.52 ug/ml



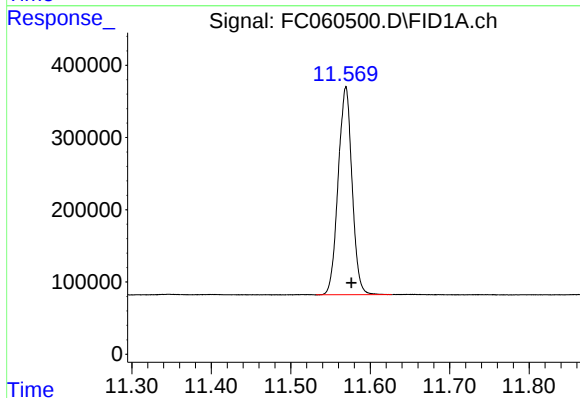
#9 ortho-Terphenyl (SURR)

R.T.: 10.639 min
Delta R.T.: -0.005 min
Response: 3750074
Conc: 20.46 ug/ml

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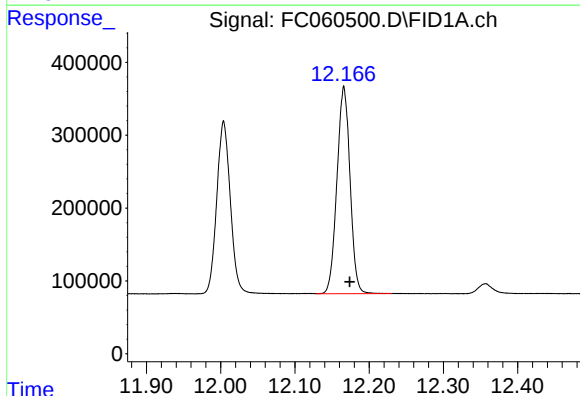
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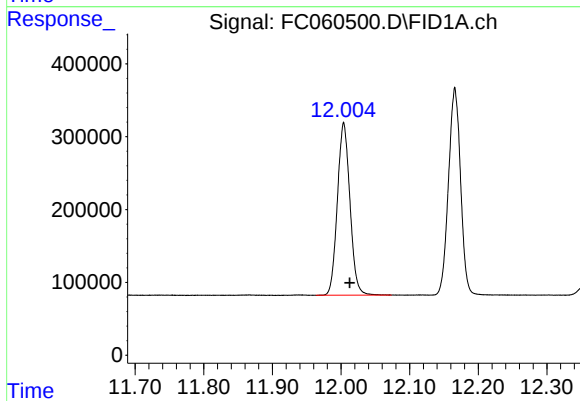
#10 n-Eicosane (C20)

R.T.: 11.569 min
Delta R.T.: -0.007 min
Response: 3496515
Conc: 20.49 ug/ml



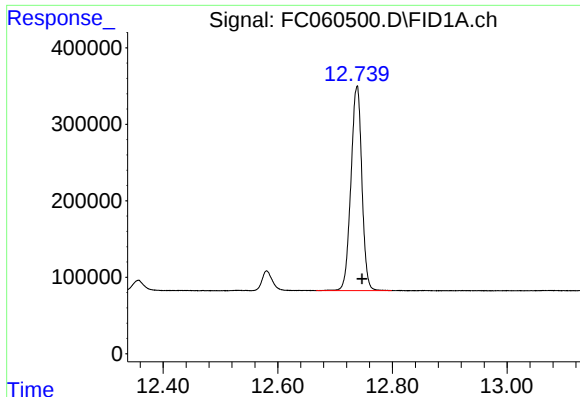
#11 n-Heneicosane (C21)

R.T.: 12.166 min
Delta R.T.: -0.008 min
Response: 3482592
Conc: 20.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.004 min
Delta R.T.: -0.009 min
Response: 3010633
Conc: 20.43 ug/ml



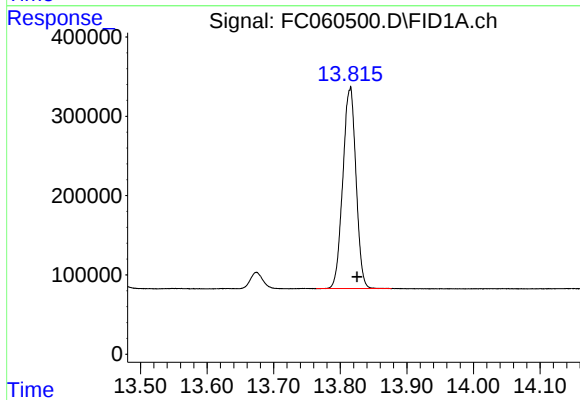
#13 n-Docosane (C22)

R.T.: 12.738 min
Delta R.T.: -0.009 min
Response: 3546727
Conc: 20.81 ug/ml

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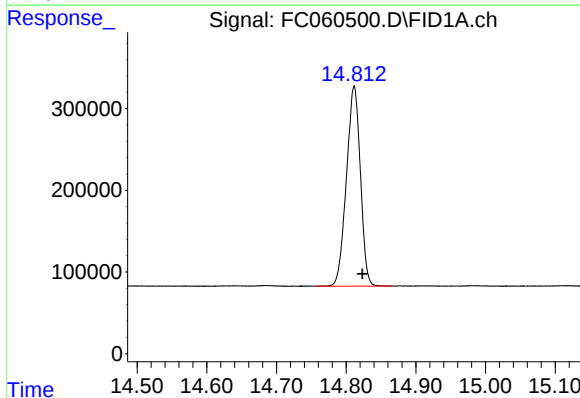
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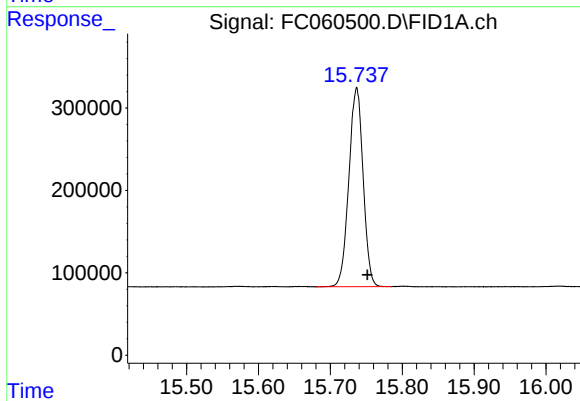
#14 n-Tetracosane (C24)

R.T.: 13.814 min
Delta R.T.: -0.011 min
Response: 3487702
Conc: 20.77 ug/ml



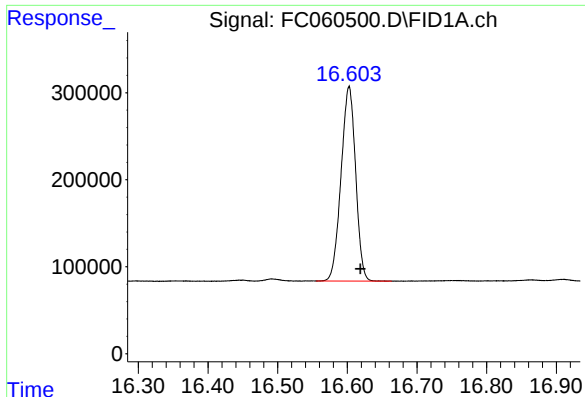
#15 n-Hexacosane (C26)

R.T.: 14.812 min
Delta R.T.: -0.012 min
Response: 3402397
Conc: 20.70 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.736 min
Delta R.T.: -0.015 min
Response: 3325139
Conc: 20.96 ug/ml



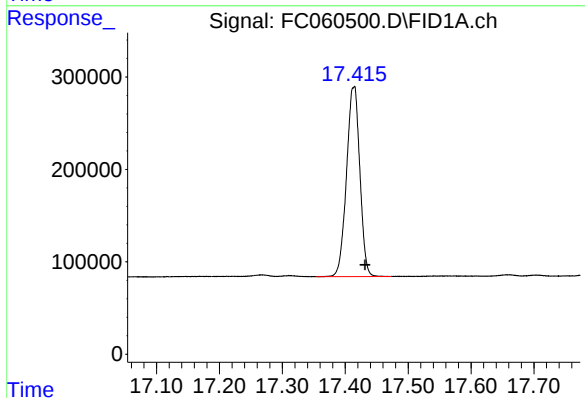
#17 n-Tricontane (C30)

R.T.: 16.602 min
Delta R.T.: -0.016 min
Response: 3244470
Conc: 21.31 ug/ml

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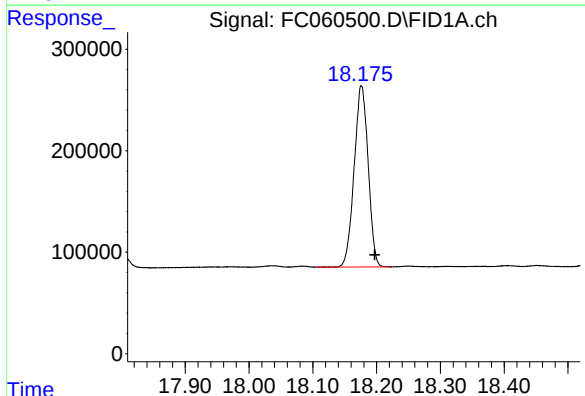
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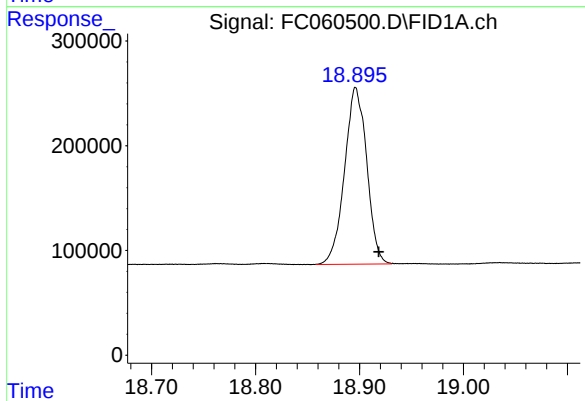
#18 n-Dotriacontane (C32)

R.T.: 17.413 min
Delta R.T.: -0.018 min
Response: 3026842
Conc: 20.82 ug/ml



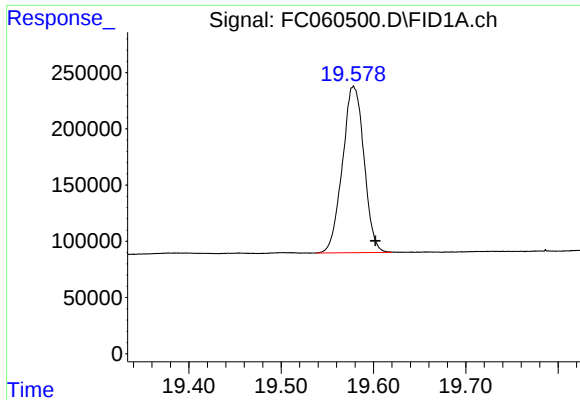
#19 n-Tetratriacontane (C34)

R.T.: 18.176 min
Delta R.T.: -0.021 min
Response: 2719380
Conc: 21.41 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.895 min
Delta R.T.: -0.023 min
Response: 2499822
Conc: 22.27 ug/ml m



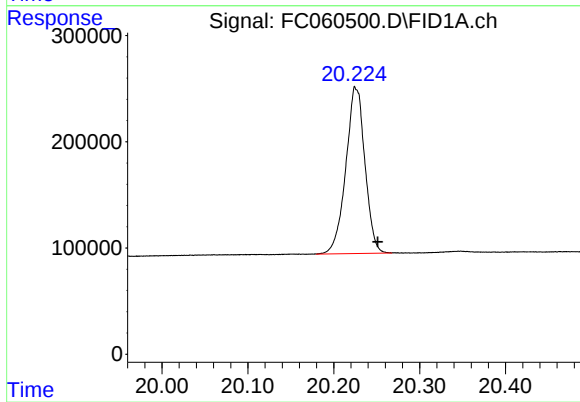
#21 n-Octatriacontane (C38)

R.T.: 19.578 min
Delta R.T.: -0.024 min
Response: 2402152
Conc: 21.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.224 min
Delta R.T.: -0.027 min
Response: 2416050
Conc: 21.39 ug/ml m