

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062822AL\
 Data File : FC060494.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jun 2022 19:36
 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 03:16:24 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)	10.641	3763361	20.536 ug/ml
Spiked Amount 50.000		Recovery =	41.07%
12) S 1-chlorooctadecane (S...	12.006	3017691	20.474 ug/ml
Spiked Amount 50.000		Recovery =	40.95%
Target Compounds			
1) T n-Nonane (C9)	2.634	3156404	20.577 ug/ml
2) T n-Decane (C10)	3.629	3180523	20.826 ug/ml
3) T A~Naphthalene (C11.7)	5.168	3489680	20.873 ug/ml
4) T n-Dodecane (C12)	5.576	3383471	20.936 ug/ml
5) T A~2-methylnaphthalene...	6.192	3523397	20.727 ug/ml
6) T n-Tetradecane (C14)	7.325	3460123	20.945 ug/ml
7) T n-Hexadecane (C16)	8.886	3535293	20.919 ug/ml
8) T n-Octadecane (C18)	10.293	3570642	20.754 ug/ml
10) T n-Eicosane (C20)	11.571	3511960	20.578 ug/ml
11) T n-Heneicosane (C21)	12.168	3496330	20.506 ug/ml
13) T n-Docosane (C22)	12.741	3564997	20.914 ug/ml
14) T n-Tetracosane (C24)	13.816	3476087	20.703 ug/ml
15) T n-Hexacosane (C26)	14.813	3379473	20.565 ug/ml
16) T n-Octacosane (C28)	15.739	3279675	20.669 ug/ml
17) T n-Tricontane (C30)	16.605	3196692	21.000 ug/ml
18) T n-Dotriacontane (C32)	17.414	2986271	20.543 ug/ml
19) T n-Tetratriacontane (C34)	18.179	2686428	21.151 ug/ml
20) T n-Hexatriacontane (C36)	18.900	2484713	22.140 ug/mlm
21) T n-Octatriacontane (C38)	19.580	2385654	21.794 ug/mlm
22) T n-Tetracontane (C40)	20.227	2431012	21.525 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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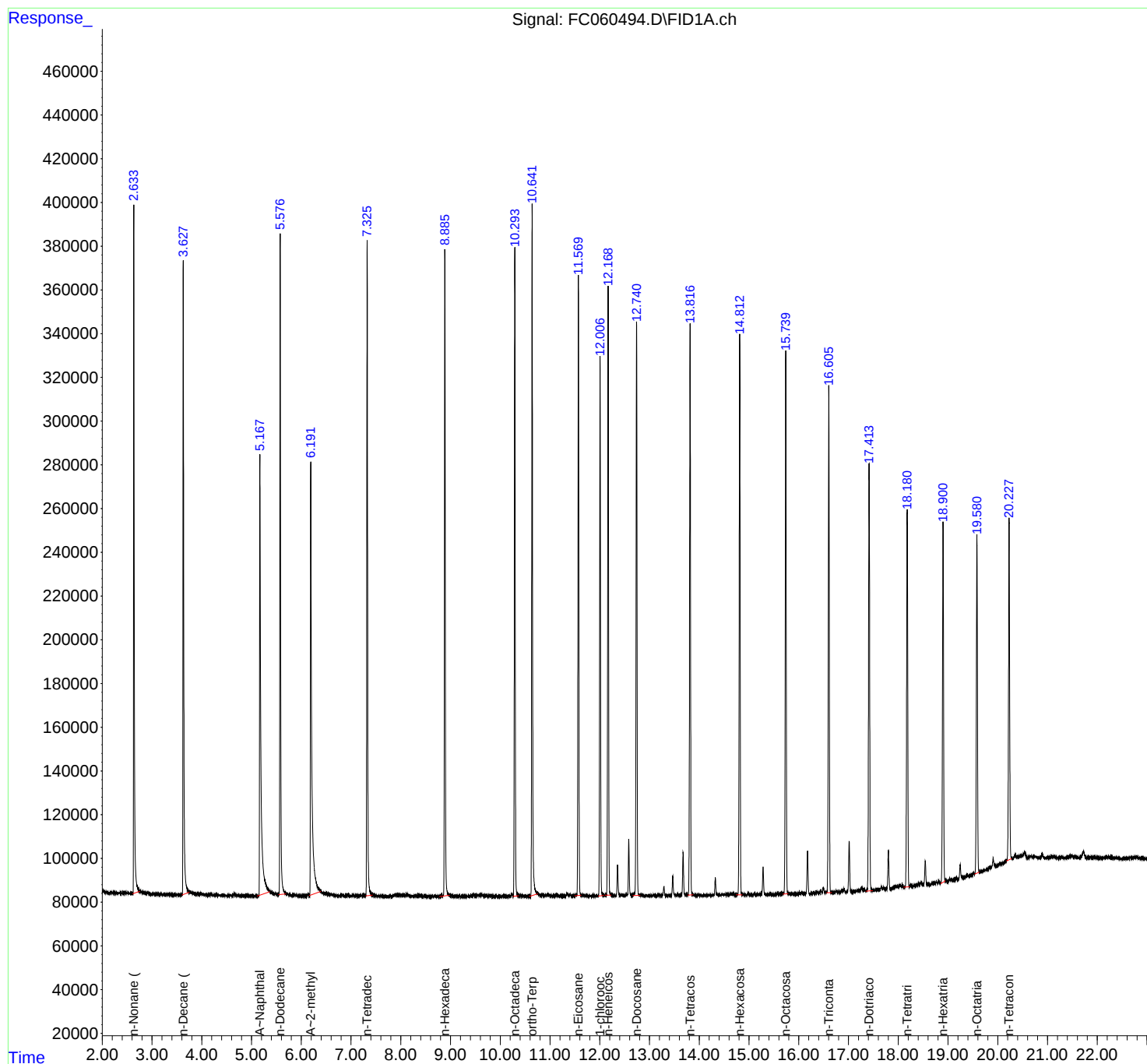
Instrument :
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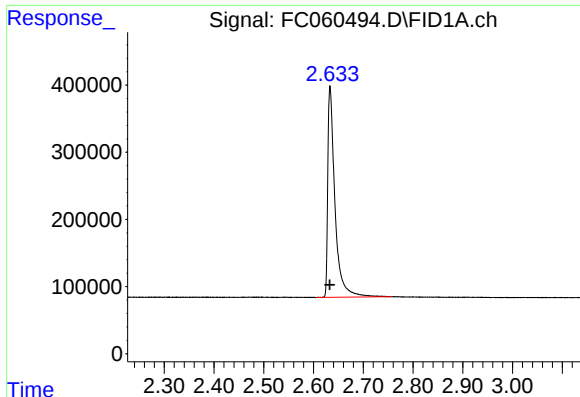
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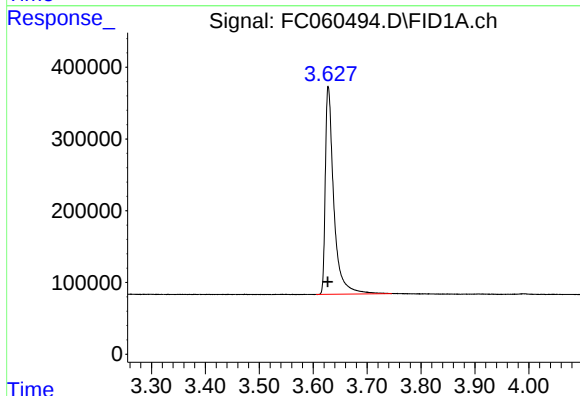
#1 n-Nonane (C9)

R.T.: 2.634 min
Delta R.T.: 0.001 min
Response: 3156404
Conc: 20.58 ug/ml

Instrument :
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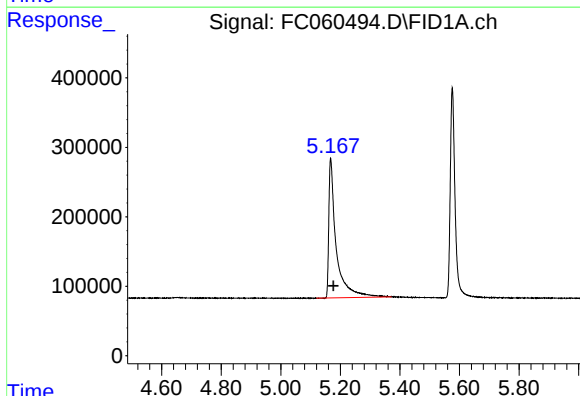
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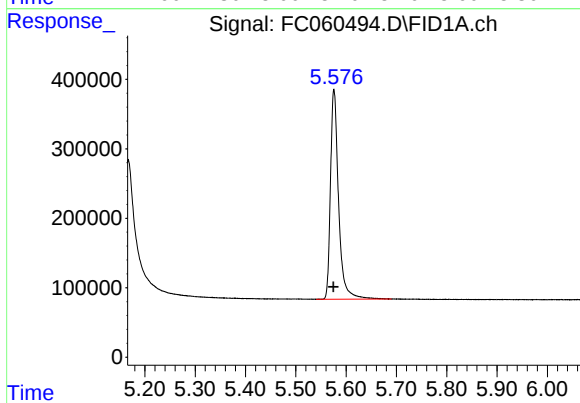
#2 n-Decane (C10)

R.T.: 3.629 min
Delta R.T.: 0.002 min
Response: 3180523
Conc: 20.83 ug/ml



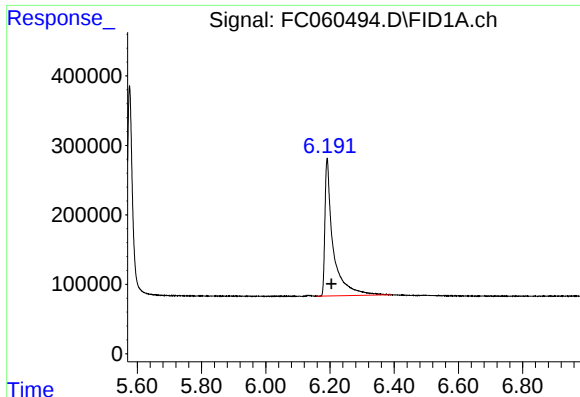
#3 A~Naphthalene (C11.7)

R.T.: 5.168 min
Delta R.T.: -0.009 min
Response: 3489680
Conc: 20.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.576 min
Delta R.T.: 0.002 min
Response: 3383471
Conc: 20.94 ug/ml



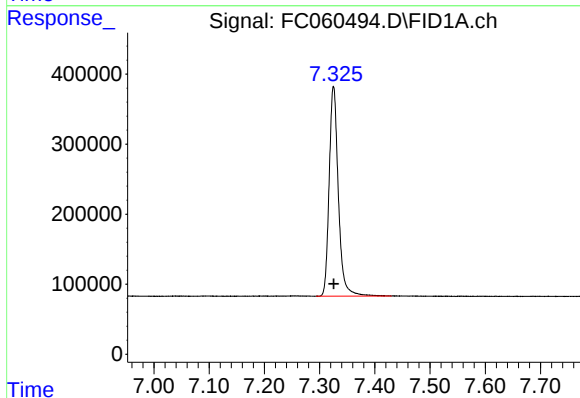
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.192 min
Delta R.T.: -0.012 min
Response: 3523397
Conc: 20.73 ug/ml

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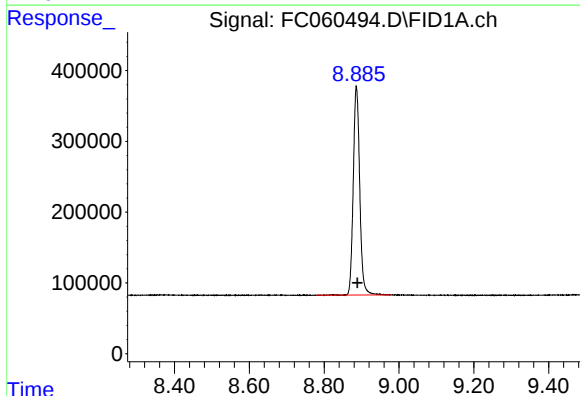
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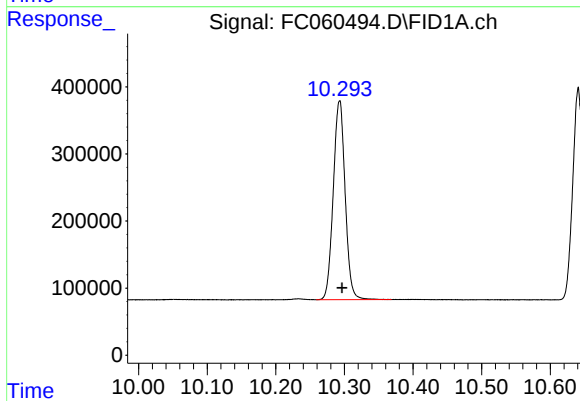
#6 n-Tetradecane (C14)

R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 3460123
Conc: 20.95 ug/ml



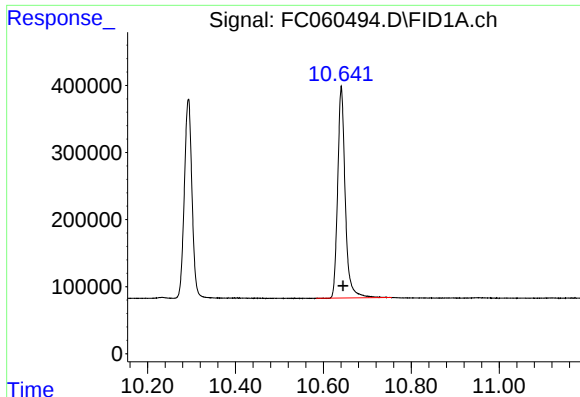
#7 n-Hexadecane (C16)

R.T.: 8.886 min
Delta R.T.: -0.002 min
Response: 3535293
Conc: 20.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.293 min
Delta R.T.: -0.004 min
Response: 3570642
Conc: 20.75 ug/ml



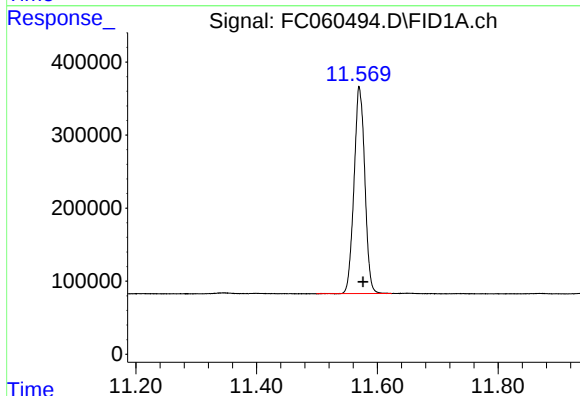
#9 ortho-Terphenyl (SURR)

R.T.: 10.641 min
Delta R.T.: -0.004 min
Response: 3763361
Conc: 20.54 ug/ml

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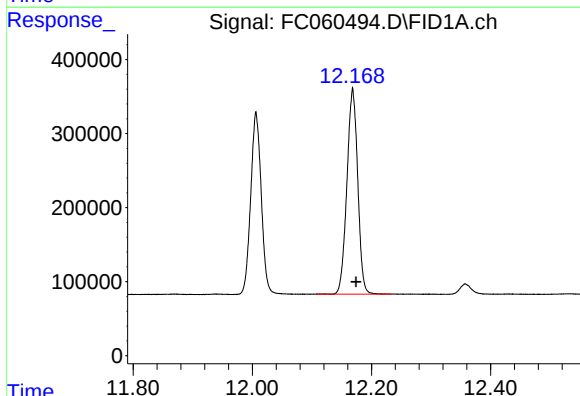
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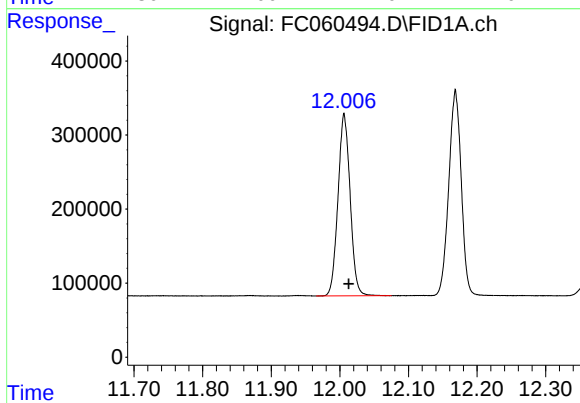
#10 n-Eicosane (C20)

R.T.: 11.571 min
Delta R.T.: -0.006 min
Response: 3511960
Conc: 20.58 ug/ml



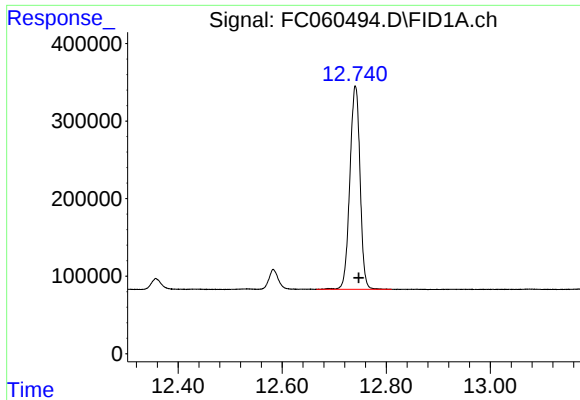
#11 n-Heneicosane (C21)

R.T.: 12.168 min
Delta R.T.: -0.006 min
Response: 3496330
Conc: 20.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.006 min
Delta R.T.: -0.006 min
Response: 3017691
Conc: 20.47 ug/ml



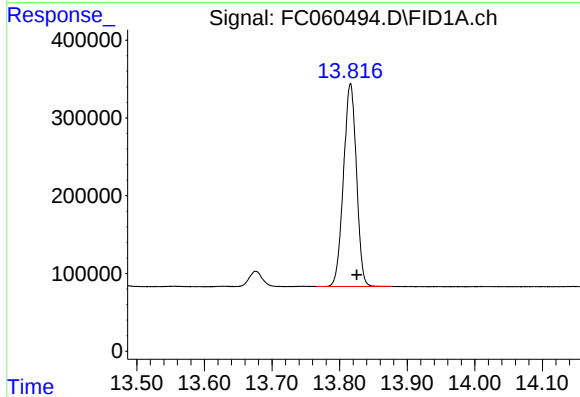
#13 n-Docosane (C22)

R.T.: 12.741 min
Delta R.T.: -0.006 min
Response: 3564997
Conc: 20.91 ug/ml

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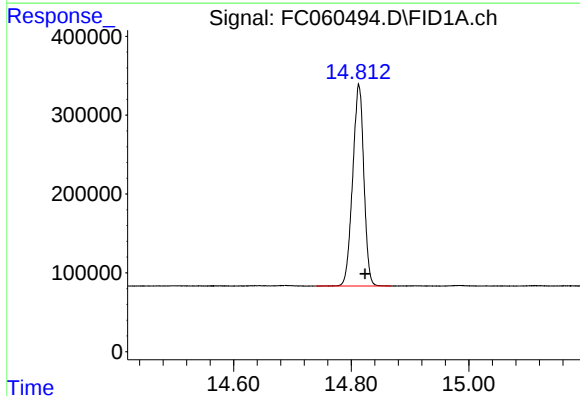
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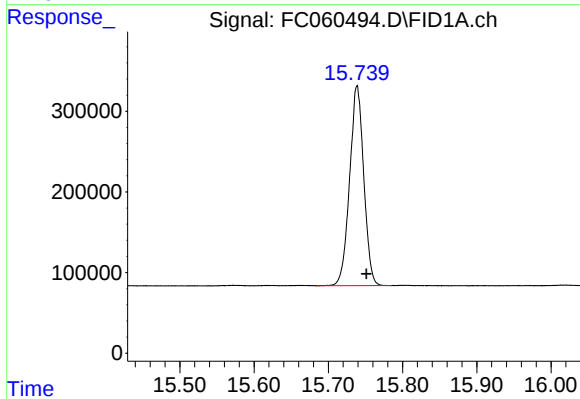
#14 n-Tetracosane (C24)

R.T.: 13.816 min
Delta R.T.: -0.009 min
Response: 3476087
Conc: 20.70 ug/ml



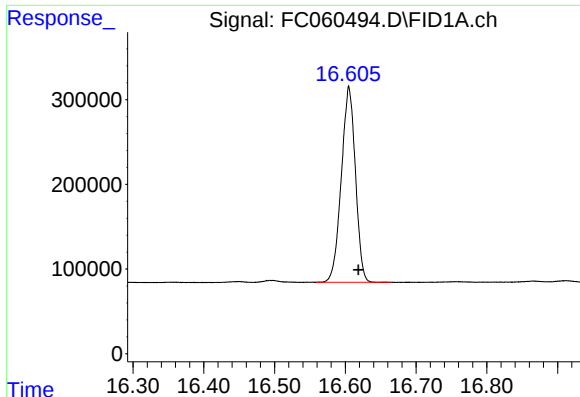
#15 n-Hexacosane (C26)

R.T.: 14.813 min
Delta R.T.: -0.011 min
Response: 3379473
Conc: 20.57 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.739 min
Delta R.T.: -0.013 min
Response: 3279675
Conc: 20.67 ug/ml



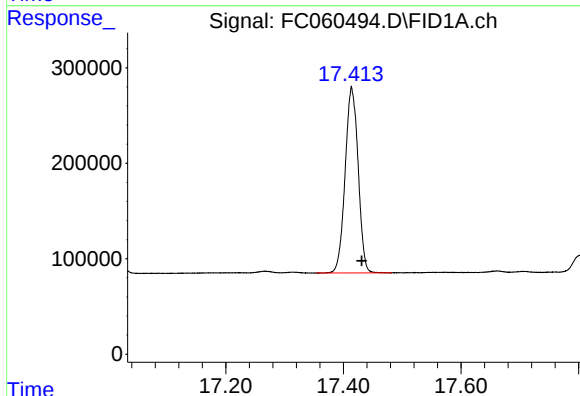
#17 n-Tricontane (C30)

R.T.: 16.605 min
Delta R.T.: -0.013 min
Response: 3196692
Conc: 21.00 ug/ml

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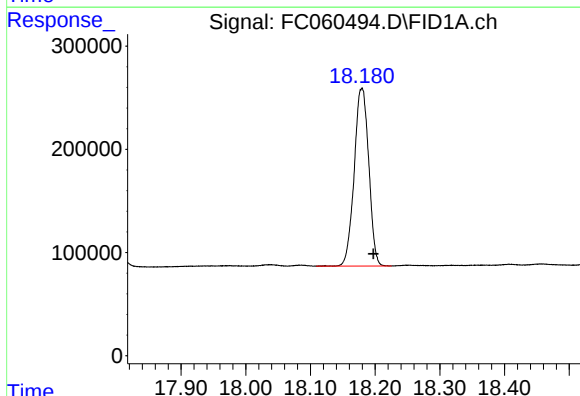
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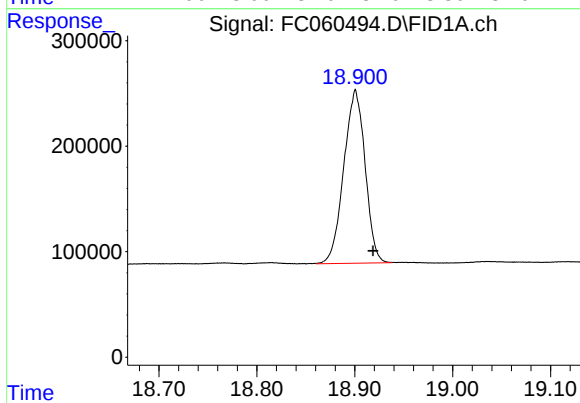
#18 n-Dotriacontane (C32)

R.T.: 17.414 min
Delta R.T.: -0.017 min
Response: 2986271
Conc: 20.54 ug/ml



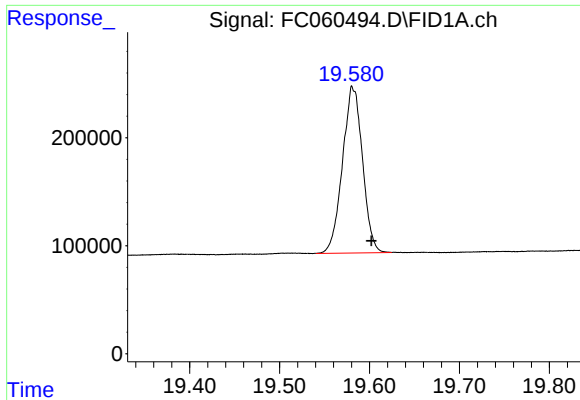
#19 n-Tetratriacontane (C34)

R.T.: 18.179 min
Delta R.T.: -0.018 min
Response: 2686428
Conc: 21.15 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.900 min
Delta R.T.: -0.018 min
Response: 2484713
Conc: 22.14 ug/ml m



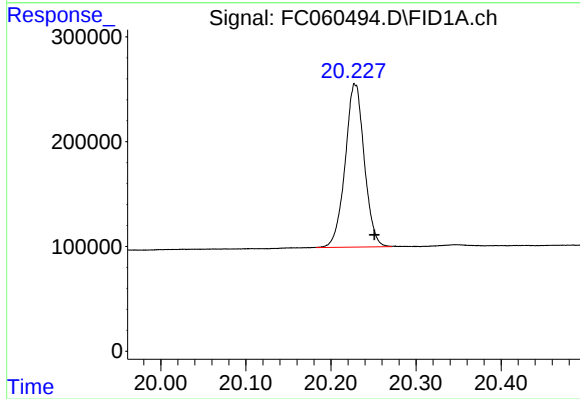
#21 n-Octatriacontane (C38)

R.T.: 19.580 min
Delta R.T.: -0.022 min
Response: 2385654
Conc: 21.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.227 min
Delta R.T.: -0.024 min
Response: 2431012
Conc: 21.52 ug/ml m