

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101625AL\
 Data File : FG016793.D
 Signal(s) : FID1A.ch
 Acq On : 16 Oct 2025 19:24
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/17/2025
 Supervised By :Sohil Jodhani 10/17/2025

Integration File: autoint1.e
 Quant Time: Oct 17 01:28:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 03 03:11:55 2025
 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)	12.051	2764404	17.702 ug/ml
Spiked Amount 50.000		Recovery =	35.40%
12) S 1-chlorooctadecane (S...	13.496	2110042	17.253 ug/ml
Spiked Amount 50.000		Recovery =	34.51%
Target Compounds			
1) T n-Nonane (C9)	3.372	2284715	18.416 ug/ml
2) T n-Decane (C10)	4.632	2341859	18.509 ug/ml
3) T A~Naphthalene (C11.7)	6.352	2413690	18.200 ug/ml
4) T n-Dodecane (C12)	6.814	2375805	18.574 ug/ml
5) T A~2-methylnaphthalene...	7.456	2241244	18.193 ug/ml
6) T n-Tetradecane (C14)	8.655	2361430	18.700 ug/ml
7) T n-Hexadecane (C16)	10.274	2468190	18.520 ug/ml
8) T n-Octadecane (C18)	11.727	2552964	18.150 ug/ml
10) T n-Eicosane (C20)	13.047	2499432	17.776 ug/ml
11) T n-Heneicosane (C21)	13.664	2446882	17.544 ug/ml
13) T n-Docosane (C22)	14.254	2484171	17.484 ug/ml
14) T n-Tetracosane (C24)	15.366	2576100	17.400 ug/ml
15) T n-Hexacosane (C26)	16.394	2511217	16.884 ug/ml
16) T n-Octacosane (C28)	17.351	2515258	17.049 ug/ml
17) T n-Tricontane (C30)	18.246	2689107	18.076 ug/ml
18) T n-Dotriacontane (C32)	19.083	2750927	19.406 ug/ml
19) T n-Tetratriacontane (C34)	19.873	2443764	19.684 ug/ml
20) T n-Hexatriacontane (C36)	20.616	1947894	18.897 ug/mlm
21) T n-Octatriacontane (C38)	21.396	1709414	18.781 ug/ml
22) T n-Tetracontane (C40)	22.387	1622987	19.335 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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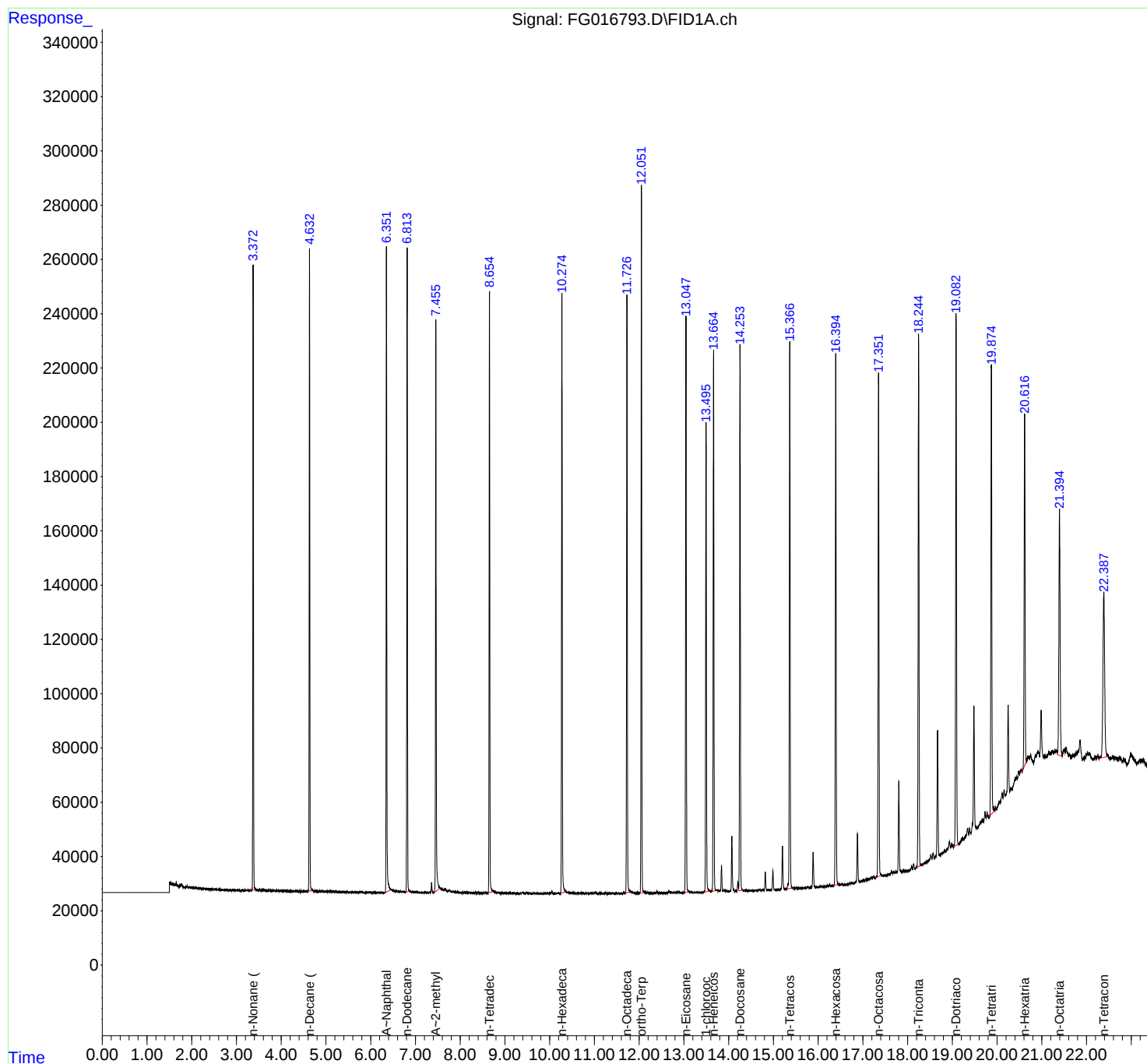
Instrument :
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20 PPM ALIPHATIC HC STD

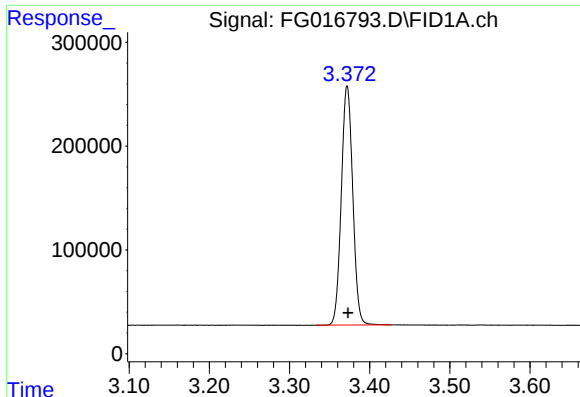
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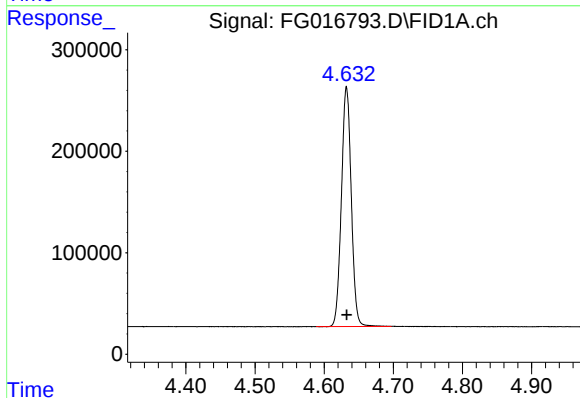
#1 n-Nonane (C9)

R.T.: 3.372 min
Delta R.T.: 0.000 min
Response: 2284715
Conc: 18.42 ug/ml

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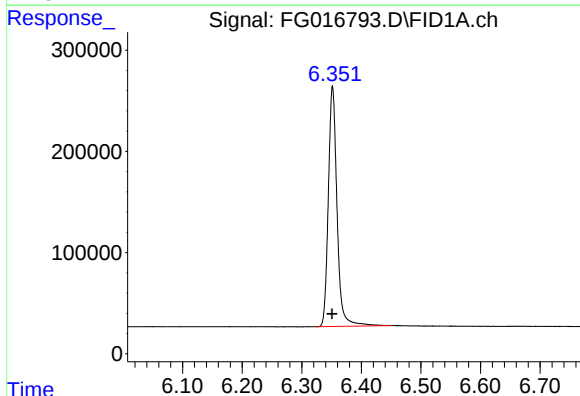
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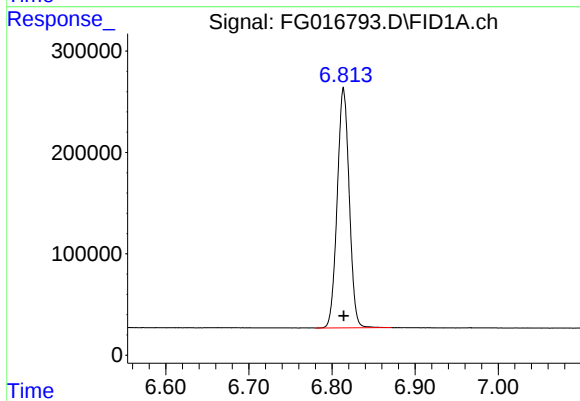
#2 n-Decane (C10)

R.T.: 4.632 min
Delta R.T.: 0.000 min
Response: 2341859
Conc: 18.51 ug/ml



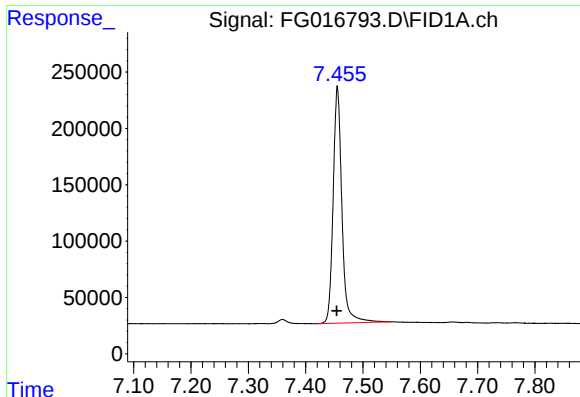
#3 A~Naphthalene (C11.7)

R.T.: 6.352 min
Delta R.T.: 0.001 min
Response: 2413690
Conc: 18.20 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.814 min
Delta R.T.: 0.000 min
Response: 2375805
Conc: 18.57 ug/ml



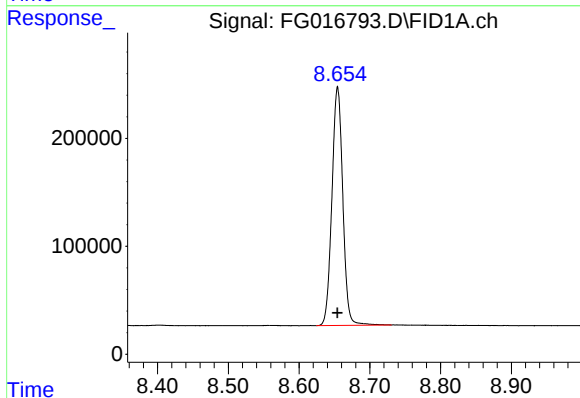
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.456 min
Delta R.T.: 0.002 min
Response: 2241244
Conc: 18.19 ug/ml

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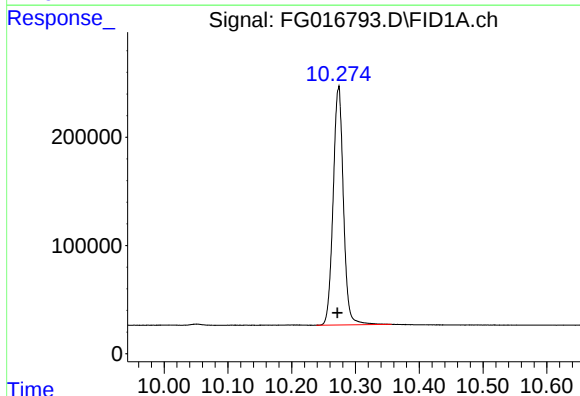
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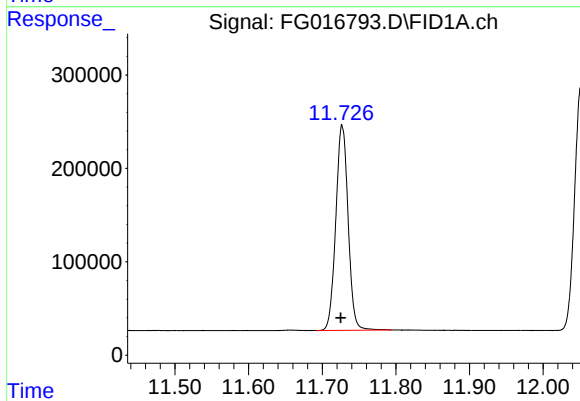
#6 n-Tetradecane (C14)

R.T.: 8.655 min
Delta R.T.: 0.000 min
Response: 2361430
Conc: 18.70 ug/ml



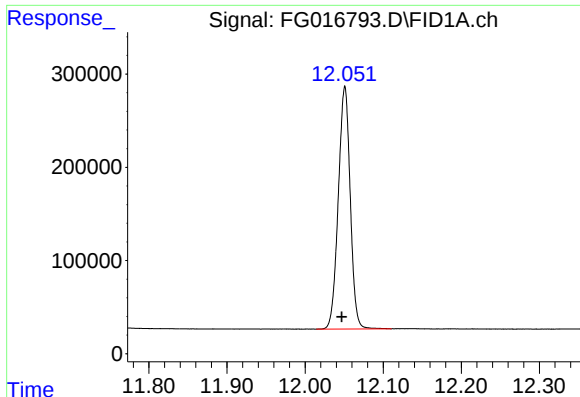
#7 n-Hexadecane (C16)

R.T.: 10.274 min
Delta R.T.: 0.002 min
Response: 2468190
Conc: 18.52 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.727 min
Delta R.T.: 0.002 min
Response: 2552964
Conc: 18.15 ug/ml



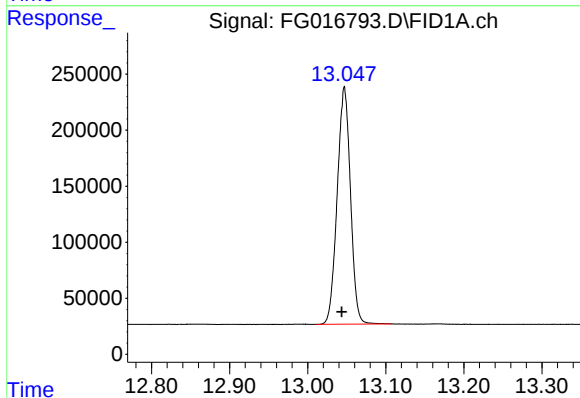
#9 ortho-Terphenyl (SURR)

R.T.: 12.051 min
Delta R.T.: 0.004 min
Response: 2764404
Conc: 17.70 ug/ml

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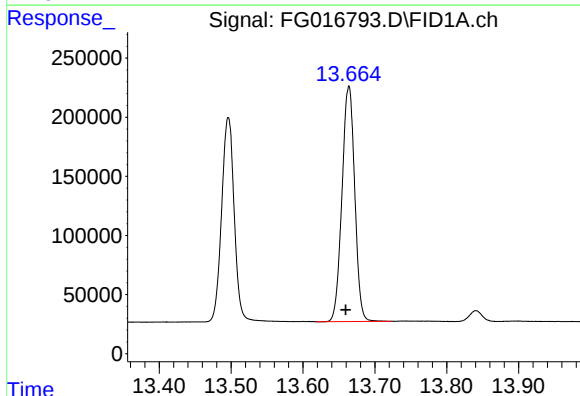
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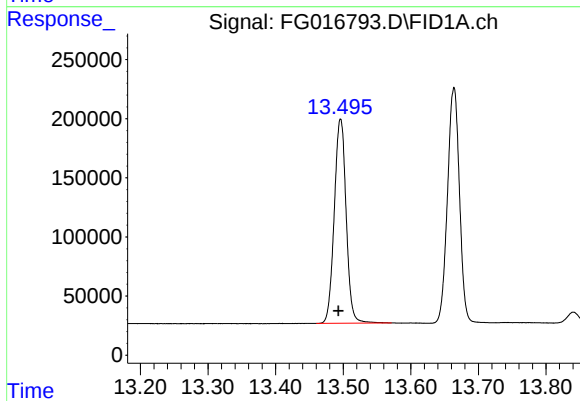
#10 n-Eicosane (C20)

R.T.: 13.047 min
Delta R.T.: 0.003 min
Response: 2499432
Conc: 17.78 ug/ml



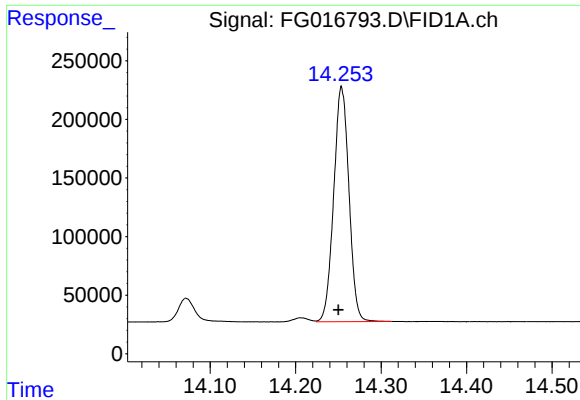
#11 n-Heneicosane (C21)

R.T.: 13.664 min
Delta R.T.: 0.004 min
Response: 2446882
Conc: 17.54 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.496 min
Delta R.T.: 0.003 min
Response: 2110042
Conc: 17.25 ug/ml



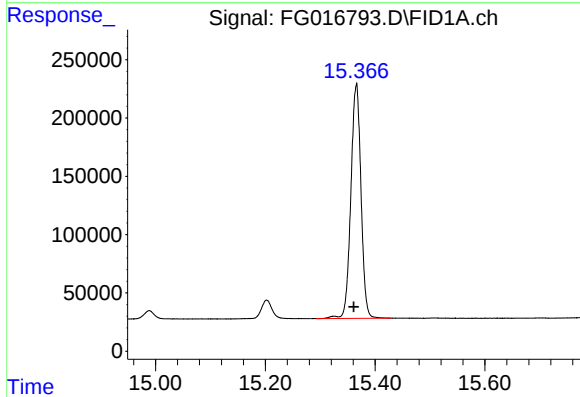
#13 n-Docosane (C22)

R.T.: 14.254 min
Delta R.T.: 0.004 min
Response: 2484171
Conc: 17.48 ug/ml

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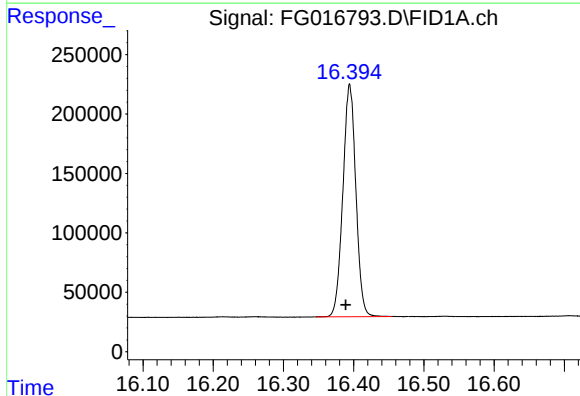
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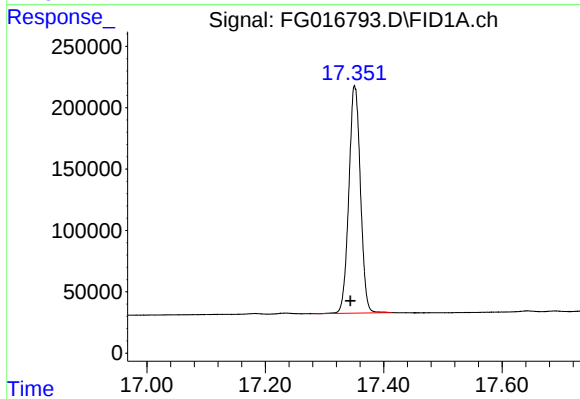
#14 n-Tetracosane (C24)

R.T.: 15.366 min
Delta R.T.: 0.004 min
Response: 2576100
Conc: 17.40 ug/ml



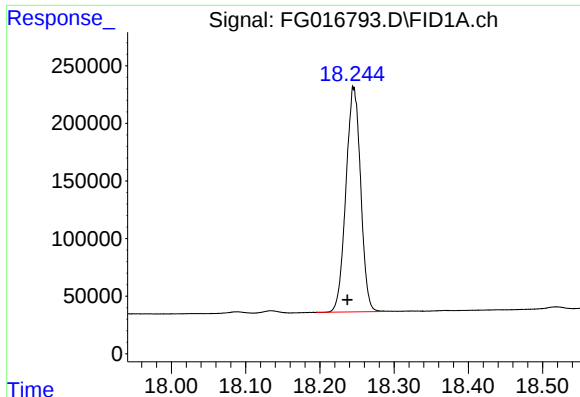
#15 n-Hexacosane (C26)

R.T.: 16.394 min
Delta R.T.: 0.006 min
Response: 2511217
Conc: 16.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.351 min
Delta R.T.: 0.007 min
Response: 2515258
Conc: 17.05 ug/ml



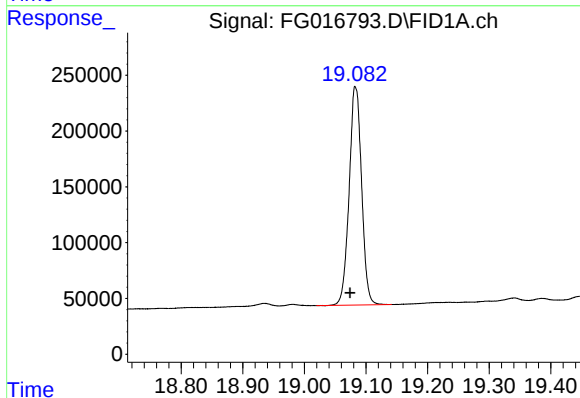
#17 n-Tricontane (C30)

R.T.: 18.246 min
Delta R.T.: 0.009 min
Response: 2689107
Conc: 18.08 ug/ml

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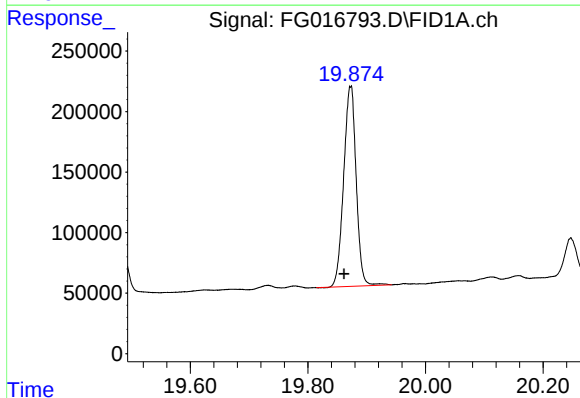
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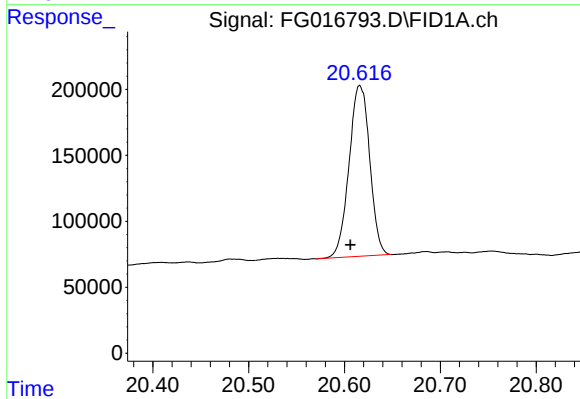
#18 n-Dotriacontane (C32)

R.T.: 19.083 min
Delta R.T.: 0.008 min
Response: 2750927
Conc: 19.41 ug/ml



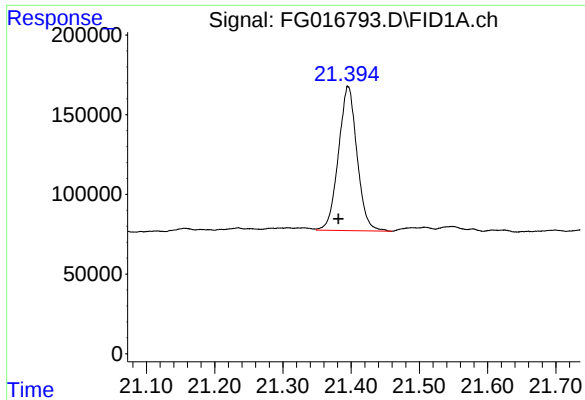
#19 n-Tetratriacontane (C34)

R.T.: 19.873 min
Delta R.T.: 0.011 min
Response: 2443764
Conc: 19.68 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.616 min
Delta R.T.: 0.009 min
Response: 1947894
Conc: 18.90 ug/ml m



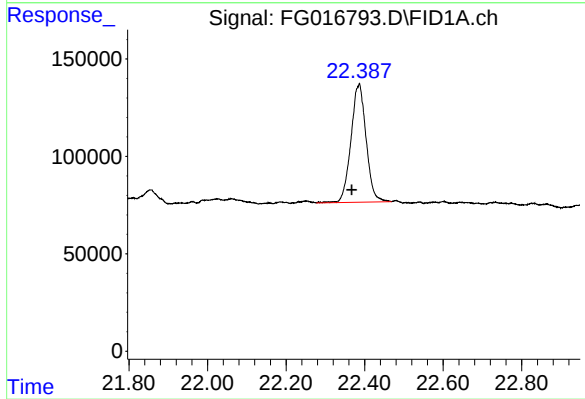
#21 n-Octatriacontane (C38)

R.T.: 21.396 min
Delta R.T.: 0.014 min
Response: 1709414
Conc: 18.78 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.387 min
Delta R.T.: 0.019 min
Response: 1622987
Conc: 19.34 ug/ml