

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061325AL\
 Data File : FG016073.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jun 2025 15:03
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Jun 16 06:41:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 06:39:56 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)	12.092	2512588	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.534	1961882	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.422	2110859	20.000 ug/ml
2) T n-Decane (C10)	4.680	2141056	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.395	2334263	20.000 ug/ml
4) T n-Dodecane (C12)	6.858	2147185	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.497	2270238	20.000 ug/ml
6) T n-Tetradecane (C14)	8.697	2136654	20.000 ug/ml
7) T n-Hexadecane (C16)	10.315	2216423	20.000 ug/ml
8) T n-Octadecane (C18)	11.767	2262977	20.000 ug/ml
10) T n-Eicosane (C20)	13.086	2214059	20.000 ug/ml
11) T n-Heneicosane (C21)	13.701	2201898	20.000 ug/ml
13) T n-Docosane (C22)	14.292	2211918	20.000 ug/ml
14) T n-Tetracosane (C24)	15.401	2247523	20.000 ug/ml
15) T n-Hexacosane (C26)	16.428	2247292	20.000 ug/ml
16) T n-Octacosane (C28)	17.383	2217254	20.000 ug/ml
17) T n-Tricontane (C30)	18.275	2243899	20.000 ug/ml
18) T n-Dotriacontane (C32)	19.111	2143536	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.898	1948322	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.640	1675390	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.430	1489170	20.000 ug/ml
22) T n-Tetracontane (C40)	22.432	1367074	20.000 ug/ml

(f)=RT Delta > 1/2 Window

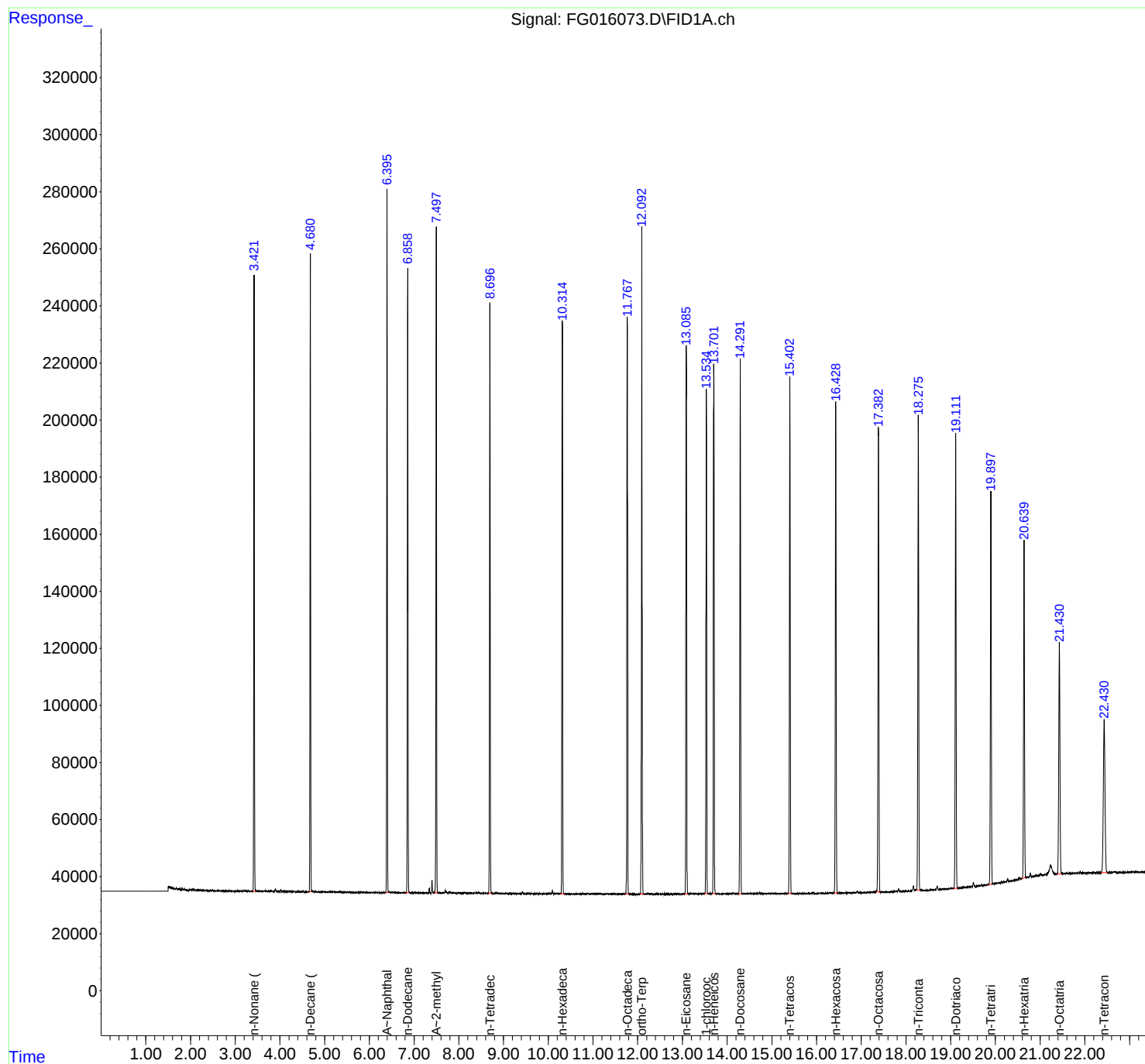
(m)=manual int.

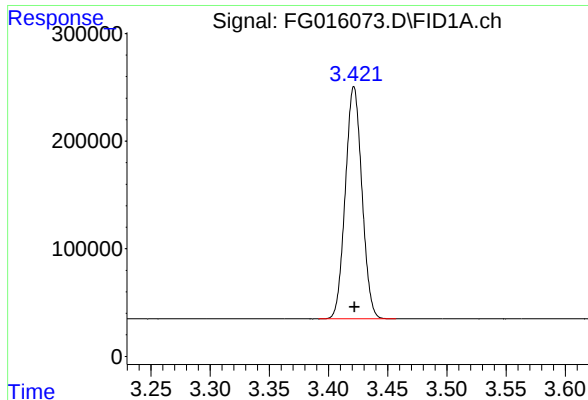
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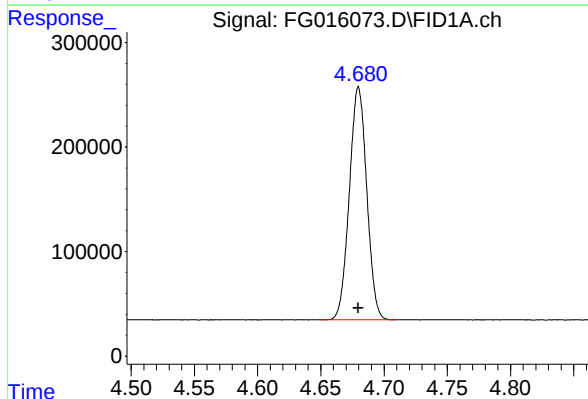




#1 n-Nonane (C9)

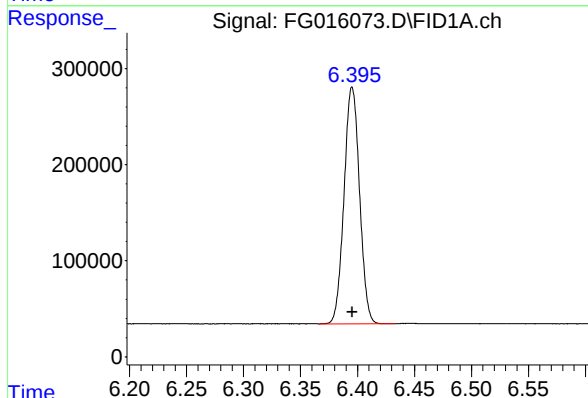
R.T.: 3.422 min
Delta R.T.: 0.000 min
Response: 2110859
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



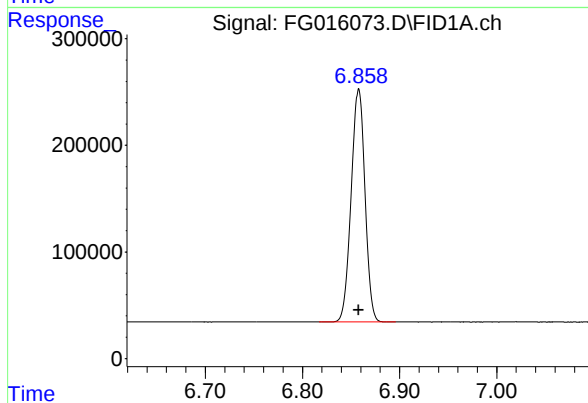
#2 n-Decane (C10)

R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 2141056
Conc: 20.00 ug/ml



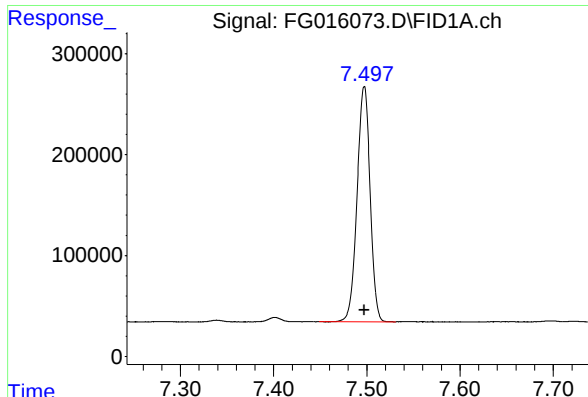
#3 A~Naphthalene (C11.7)

R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 2334263
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

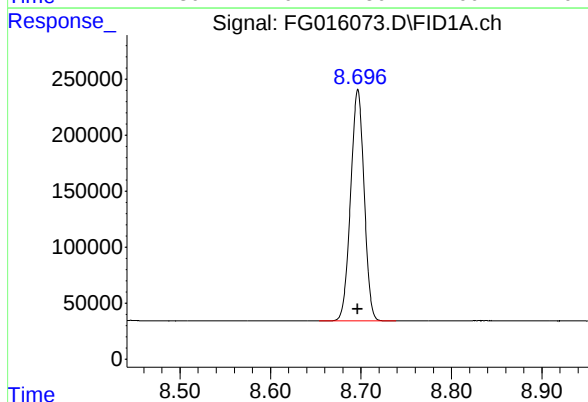
R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 2147185
Conc: 20.00 ug/ml



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

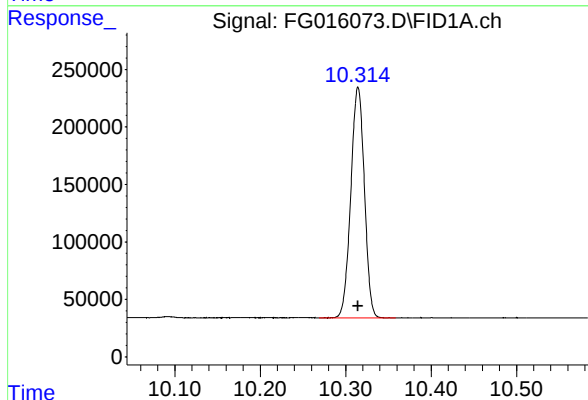
R.T.: 7.497 min
Delta R.T.: 0.000 min
Response: 2270238
Conc: 20.00 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD3



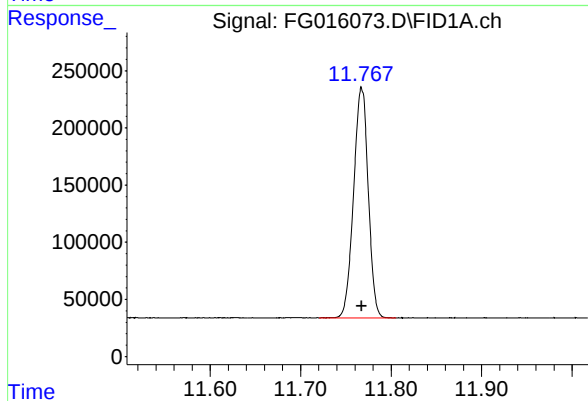
#6 n-Tetradecane (C14)

R.T.: 8.697 min
Delta R.T.: 0.000 min
Response: 2136654
Conc: 20.00 ug/ml



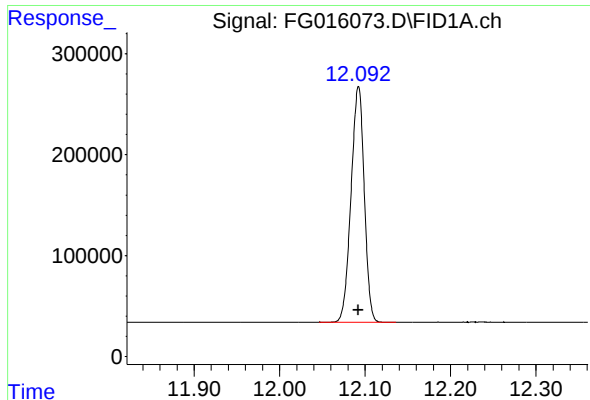
#7 n-Hexadecane (C16)

R.T.: 10.315 min
Delta R.T.: 0.000 min
Response: 2216423
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

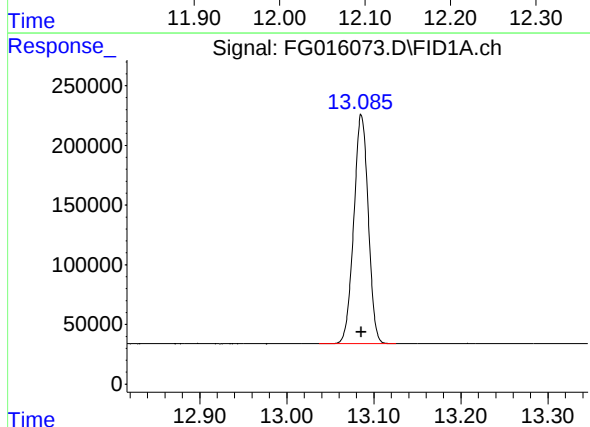
R.T.: 11.767 min
Delta R.T.: 0.000 min
Response: 2262977
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

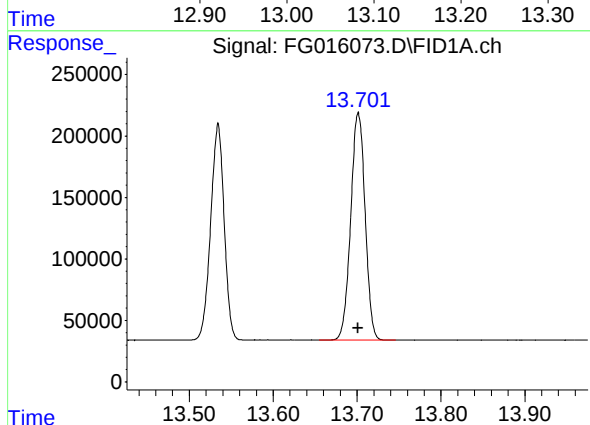
R.T.: 12.092 min
Delta R.T.: 0.000 min
Response: 2512588
Conc: 20.00 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD3



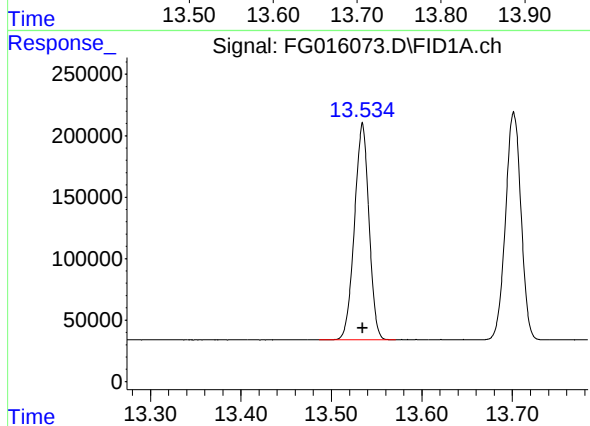
#10 n-Eicosane (C20)

R.T.: 13.086 min
Delta R.T.: 0.000 min
Response: 2214059
Conc: 20.00 ug/ml



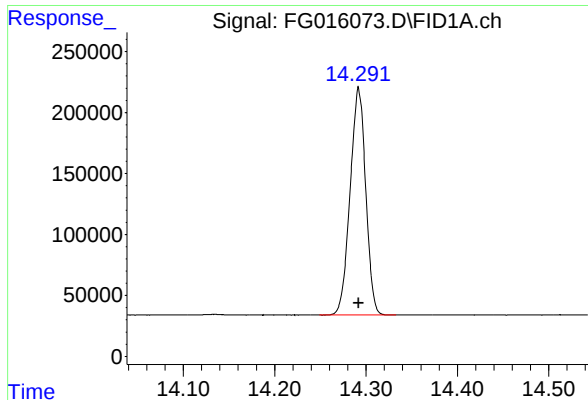
#11 n-Heneicosane (C21)

R.T.: 13.701 min
Delta R.T.: 0.000 min
Response: 2201898
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

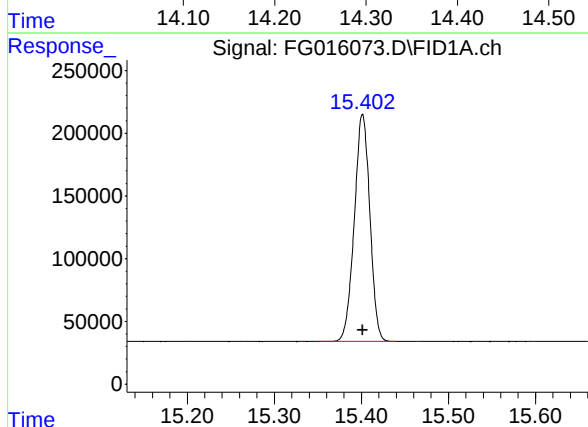
R.T.: 13.534 min
Delta R.T.: 0.000 min
Response: 1961882
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

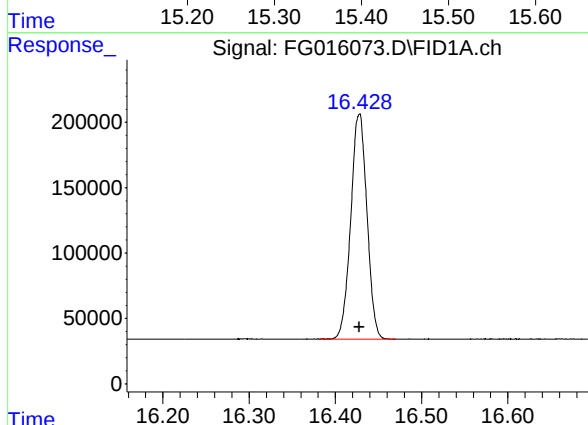
R.T.: 14.292 min
Delta R.T.: 0.000 min
Response: 2211918
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



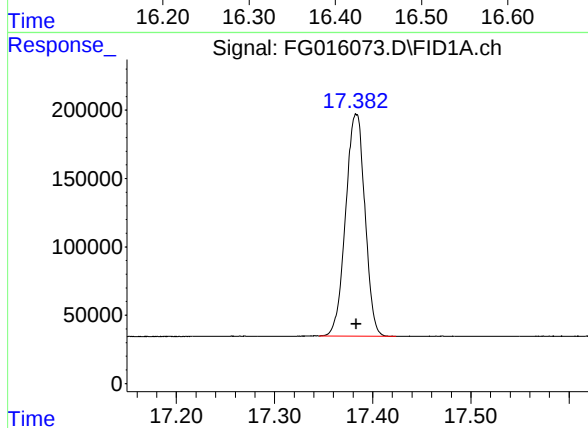
#14 n-Tetracosane (C24)

R.T.: 15.401 min
Delta R.T.: 0.000 min
Response: 2247523
Conc: 20.00 ug/ml



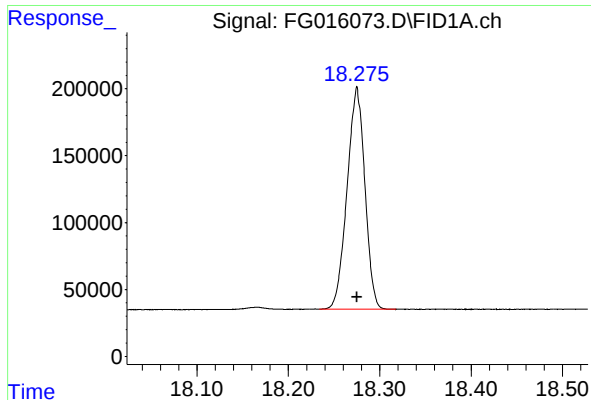
#15 n-Hexacosane (C26)

R.T.: 16.428 min
Delta R.T.: 0.000 min
Response: 2247292
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

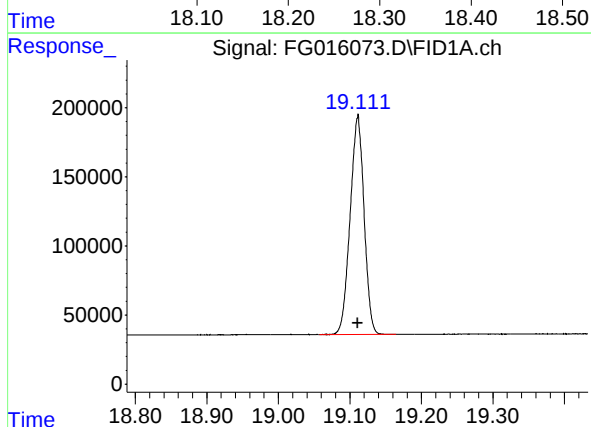
R.T.: 17.383 min
Delta R.T.: 0.000 min
Response: 2217254
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

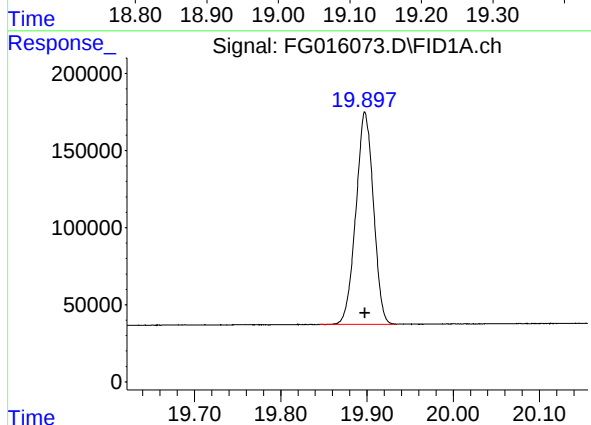
R.T.: 18.275 min
Delta R.T.: 0.000 min
Response: 2243899
Conc: 20.00 ug/ml

Instrument :
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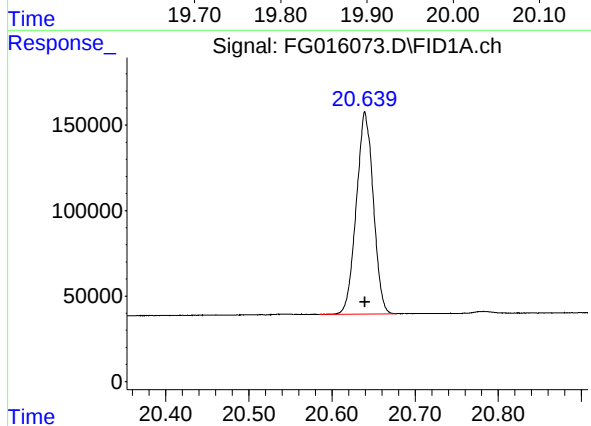
#18 n-Dotriacontane (C32)

R.T.: 19.111 min
Delta R.T.: 0.000 min
Response: 2143536
Conc: 20.00 ug/ml



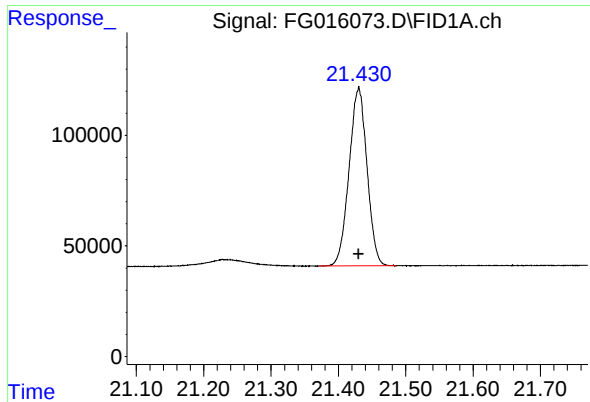
#19 n-Tetratriacontane (C34)

R.T.: 19.898 min
Delta R.T.: 0.000 min
Response: 1948322
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

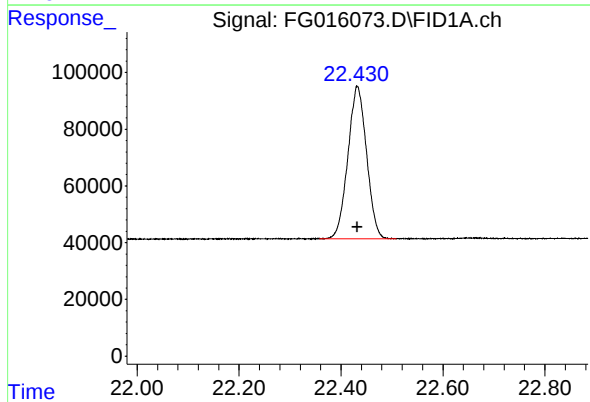
R.T.: 20.640 min
Delta R.T.: 0.000 min
Response: 1675390
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.430 min
Delta R.T.: 0.000 min
Response: 1489170
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.432 min
Delta R.T.: 0.000 min
Response: 1367074
Conc: 20.00 ug/ml