

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021521AL\
 Data File : FD036195.D
 Signal(s) : FID2B.CH
 Acq On : 15 Feb 2021 22:19
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 16 04:37:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 021521.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 16 04:34:45 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.511	2827324	20.477 ug/ml
Spiked Amount 50.000		Recovery =	40.95%
12) S 1-chlorooctadecane (S...	12.942	2259495	20.515 ug/ml
Spiked Amount 50.000		Recovery =	41.03%
Target Compounds			
1) T n-Nonane (C9)	3.306	2443055	20.689 ug/ml
2) T n-Decane (C10)	4.368	2461370	20.645 ug/ml
3) T A~Naphthalene (C11.7)	5.944	2772701	20.640 ug/ml
4) T n-Dodecane (C12)	6.379	2501981	20.579 ug/ml
5) T A~2-methylnaphthalene...	6.996	2828526	20.605 ug/ml
6) T n-Tetradecane (C14)	8.167	2529497	20.452 ug/ml
7) T n-Hexadecane (C16)	9.761	2493354	20.471 ug/ml
8) T n-Octadecane (C18)	11.198	2612664	20.477 ug/ml
10) T n-Eicosane (C20)	12.501	2646949	20.492 ug/ml
11) T n-Heneicosane (C21)	13.110	2659551	20.483 ug/ml
13) T n-Docosane (C22)	13.693	2665659	20.518 ug/ml
14) T n-Tetracosane (C24)	14.790	2689729	20.567 ug/ml
15) T n-Hexacosane (C26)	15.805	2687598	20.668 ug/ml
16) T n-Octacosane (C28)	16.749	2706847	20.768 ug/ml
17) T n-Tricontane (C30)	17.631	2703197	20.741 ug/ml
18) T n-Dotriacontane (C32)	18.459	2656539	20.855 ug/ml
19) T n-Tetratriacontane (C34)	19.237	2621947	21.002 ug/ml
20) T n-Hexatriacontane (C36)	19.971	2511637	21.146 ug/ml
21) T n-Octatriacontane (C38)	20.683	2364377	21.168 ug/ml
22) T n-Tetracontane (C40)	21.539	2360267	21.150 ug/ml

(f)=RT Delta > 1/2 Window

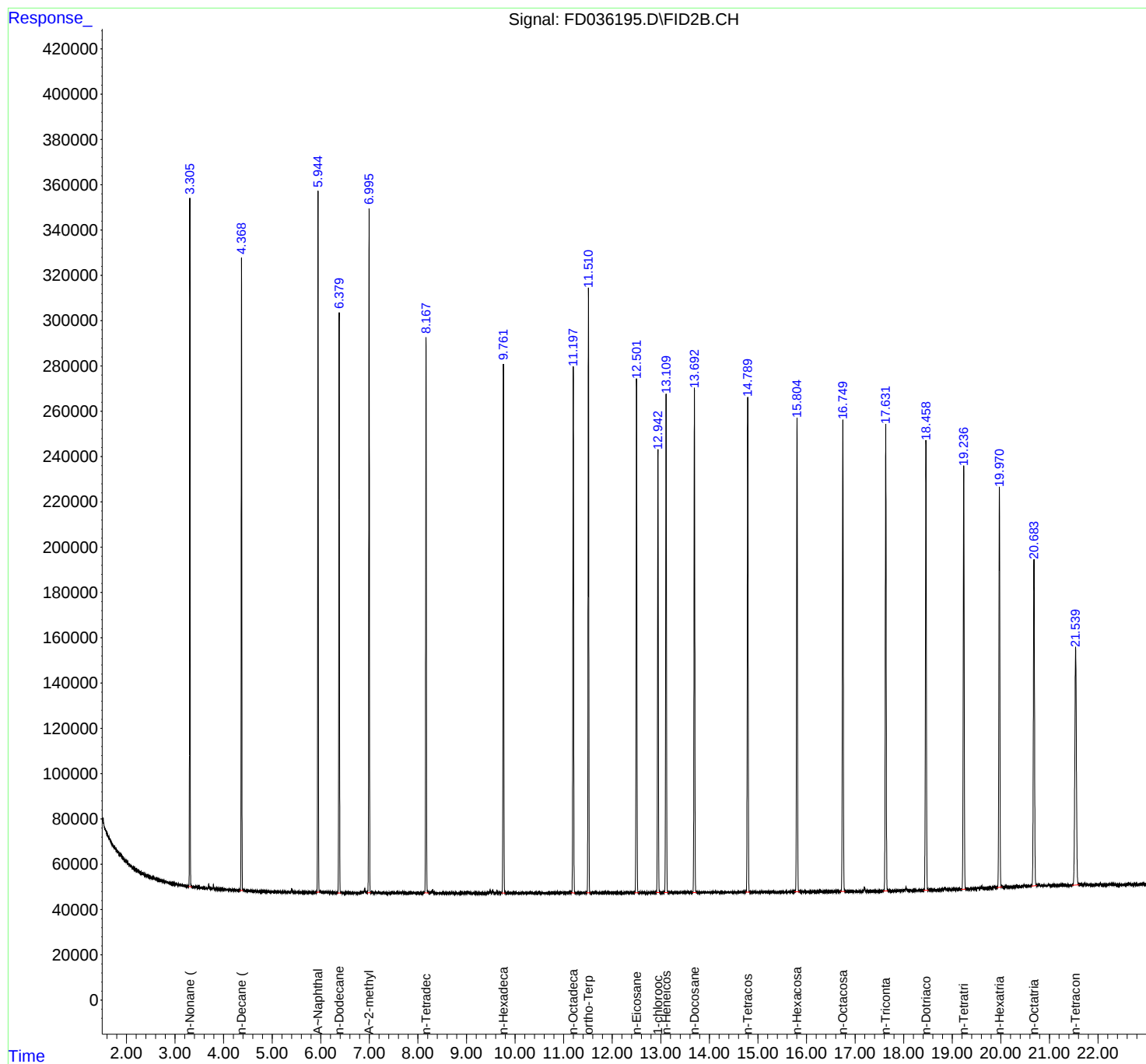
(m)=manual int.

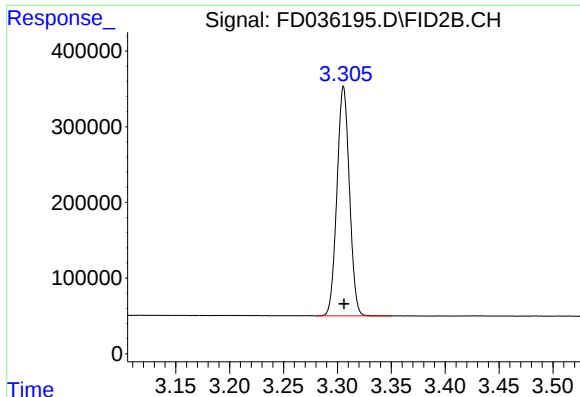
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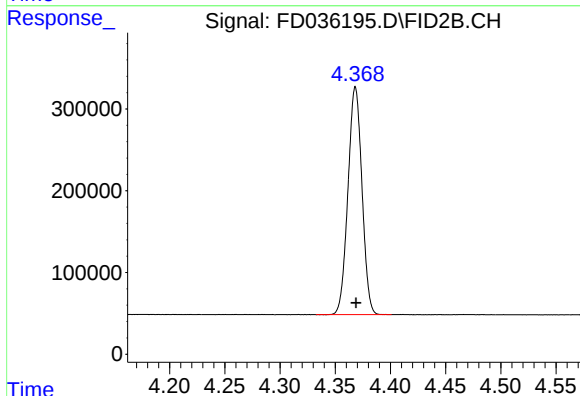




#1 n-Nonane (C9)

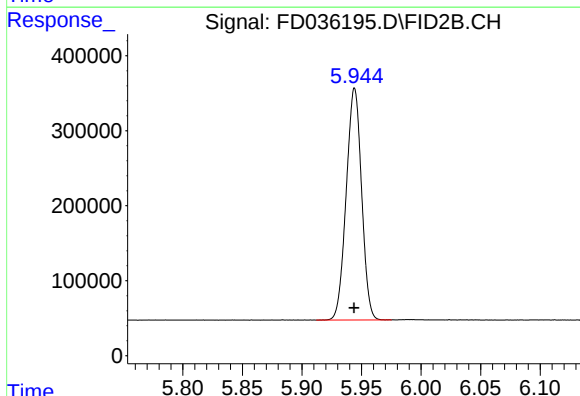
R.T.: 3.306 min
Delta R.T.: 0.000 min
Response: 2443055
Conc: 20.69 ug/ml

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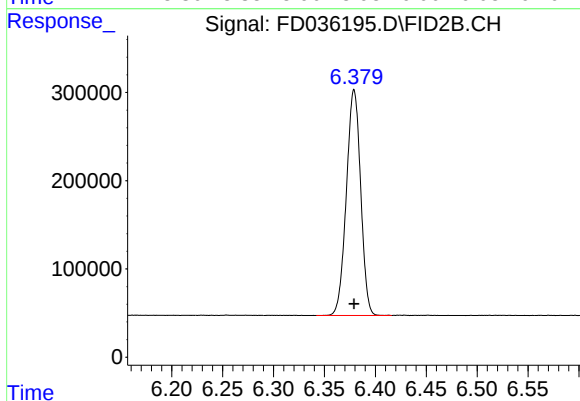
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 2461370
Conc: 20.65 ug/ml



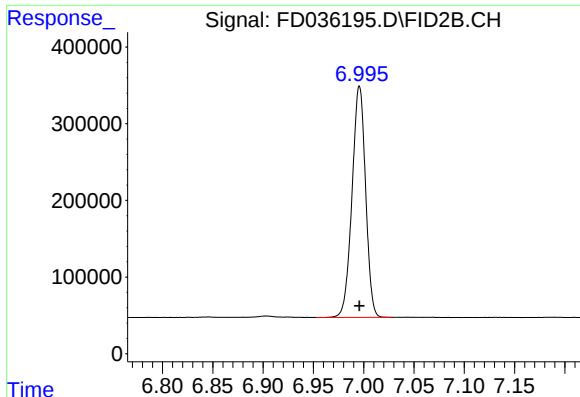
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 2772701
Conc: 20.64 ug/ml



#4 n-Dodecane (C12)

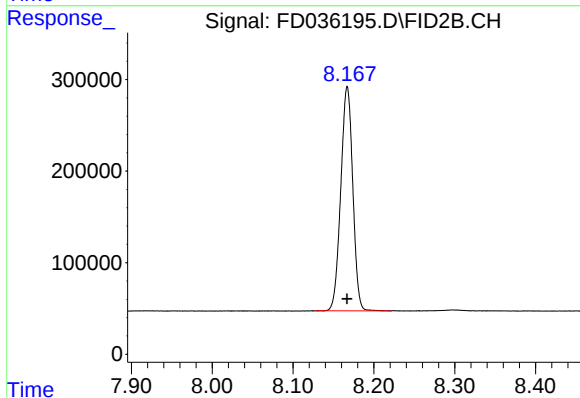
R.T.: 6.379 min
Delta R.T.: 0.000 min
Response: 2501981
Conc: 20.58 ug/ml



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

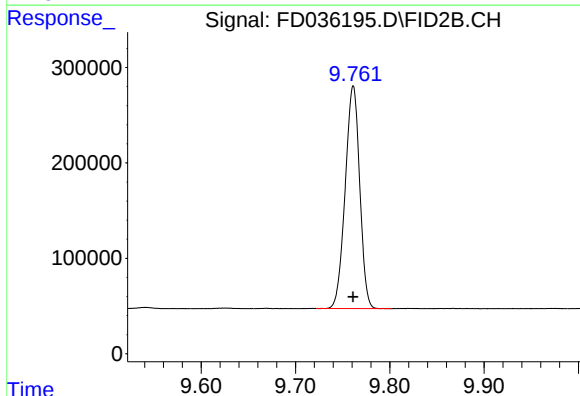
R.T.: 6.996 min
Delta R.T.: 0.000 min
Response: 2828526
Conc: 20.61 ug/ml

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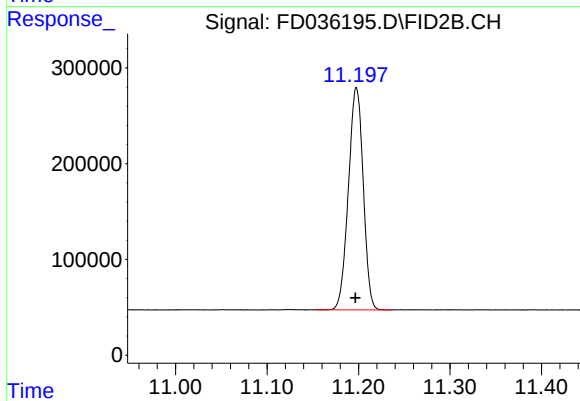
#6 n-Tetradecane (C14)

R.T.: 8.167 min
Delta R.T.: 0.000 min
Response: 2529497
Conc: 20.45 ug/ml



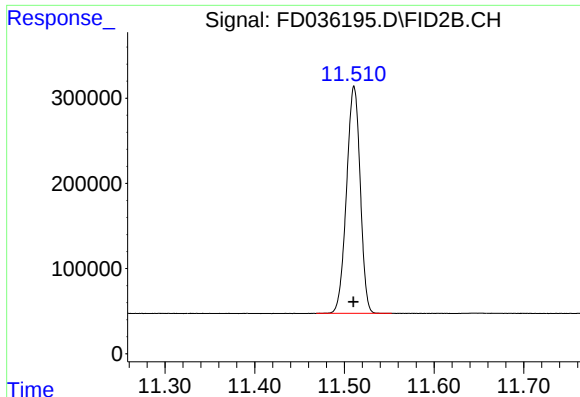
#7 n-Hexadecane (C16)

R.T.: 9.761 min
Delta R.T.: 0.000 min
Response: 2493354
Conc: 20.47 ug/ml



#8 n-Octadecane (C18)

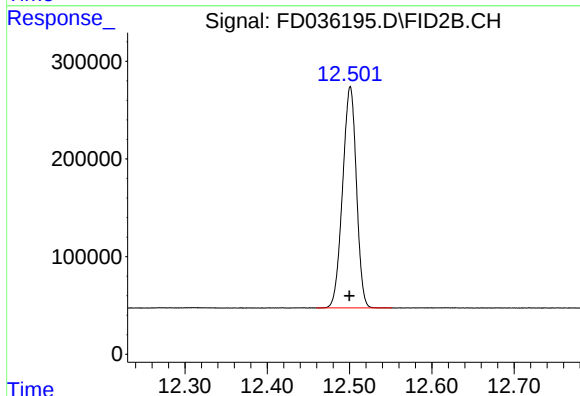
R.T.: 11.198 min
Delta R.T.: 0.001 min
Response: 2612664
Conc: 20.48 ug/ml



#9 ortho-Terphenyl (SURR)

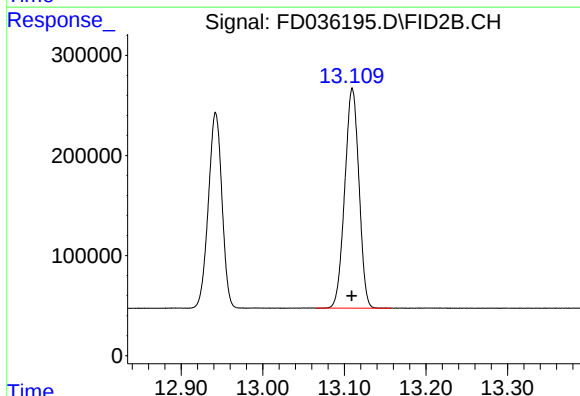
R.T.: 11.511 min
Delta R.T.: 0.000 min
Response: 2827324
Conc: 20.48 ug/ml

Instrument :
FID_D
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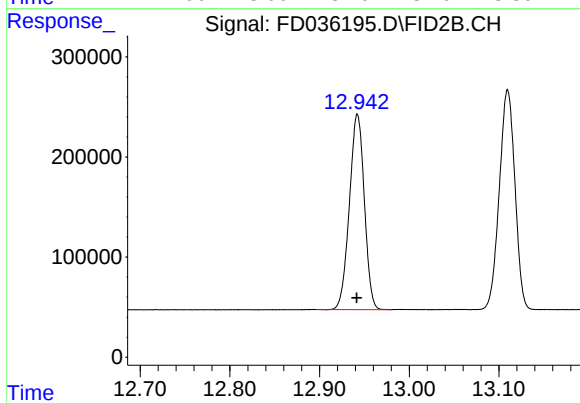
#10 n-Eicosane (C20)

R.T.: 12.501 min
Delta R.T.: 0.000 min
Response: 2646949
Conc: 20.49 ug/ml



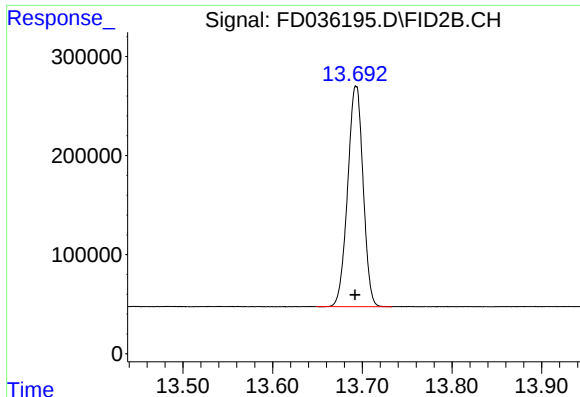
#11 n-Heneicosane (C21)

R.T.: 13.110 min
Delta R.T.: 0.000 min
Response: 2659551
Conc: 20.48 ug/ml



#12 1-chlorooctadecane (SURR)

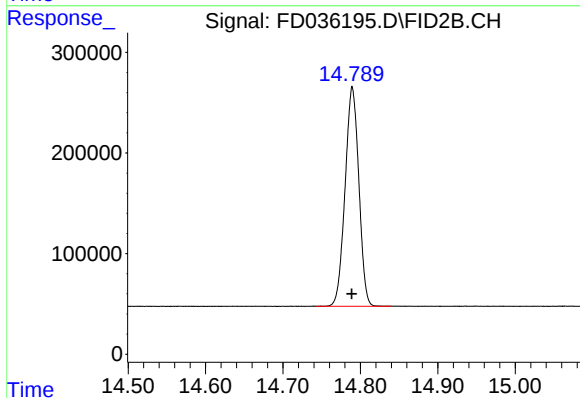
R.T.: 12.942 min
Delta R.T.: 0.000 min
Response: 2259495
Conc: 20.51 ug/ml



#13 n-Docosane (C22)

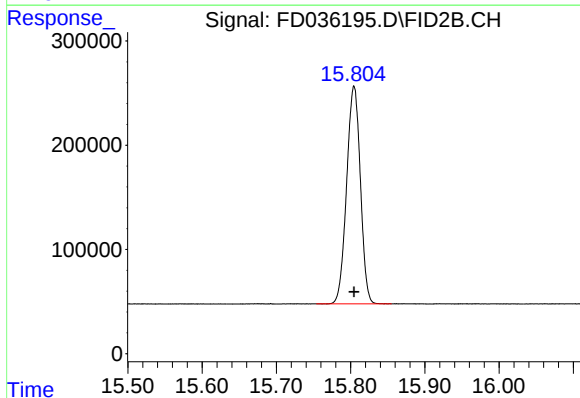
R.T.: 13.693 min
Delta R.T.: 0.001 min
Response: 2665659
Conc: 20.52 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



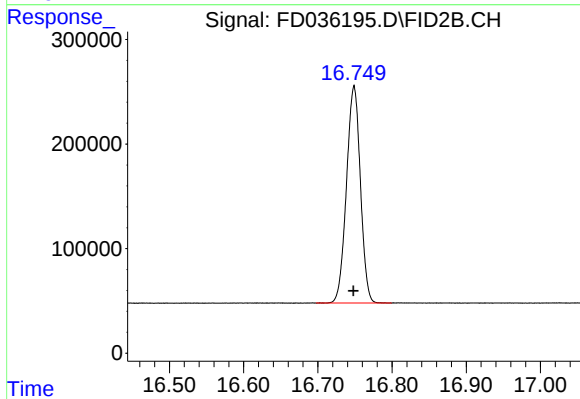
#14 n-Tetracosane (C24)

R.T.: 14.790 min
Delta R.T.: 0.000 min
Response: 2689729
Conc: 20.57 ug/ml



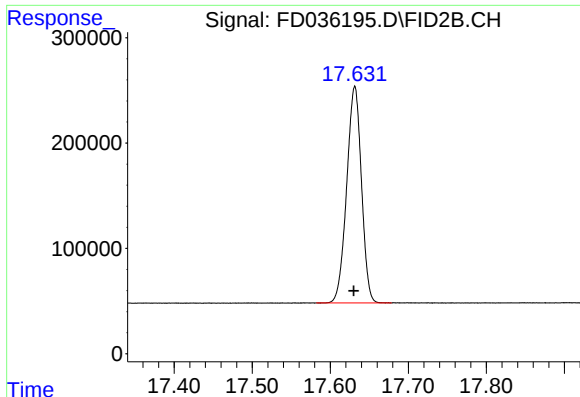
#15 n-Hexacosane (C26)

R.T.: 15.805 min
Delta R.T.: 0.000 min
Response: 2687598
Conc: 20.67 ug/ml



#16 n-Octacosane (C28)

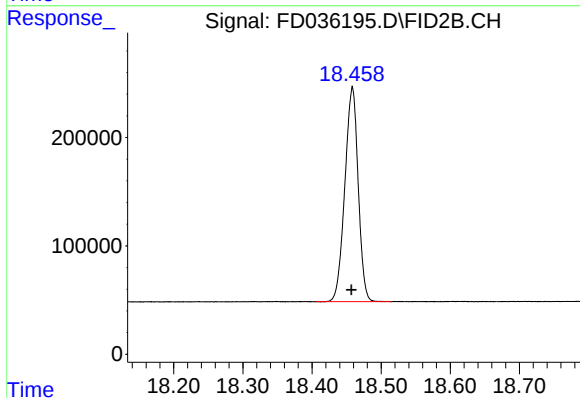
R.T.: 16.749 min
Delta R.T.: 0.000 min
Response: 2706847
Conc: 20.77 ug/ml



#17 n-Tricontane (C30)

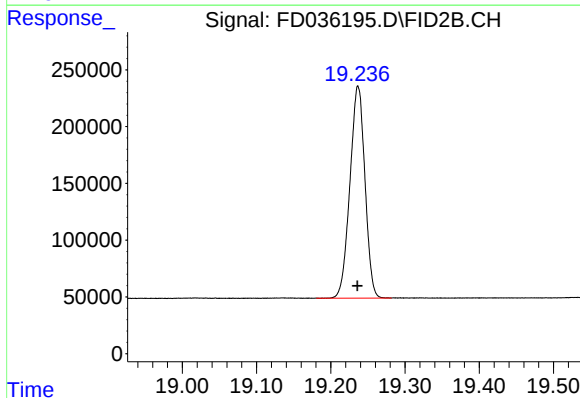
R.T.: 17.631 min
Delta R.T.: 0.001 min
Response: 2703197
Conc: 20.74 ug/ml

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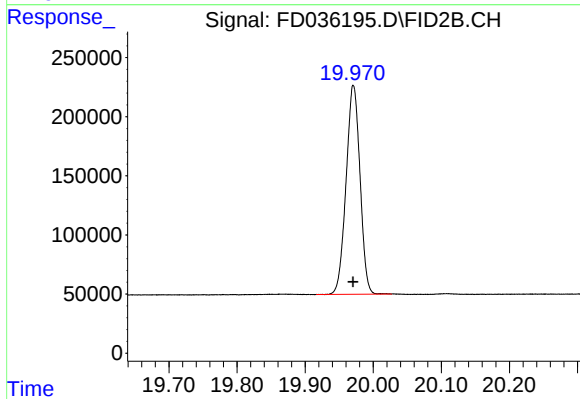
#18 n-Dotriacontane (C32)

R.T.: 18.459 min
Delta R.T.: 0.002 min
Response: 2656539
Conc: 20.85 ug/ml



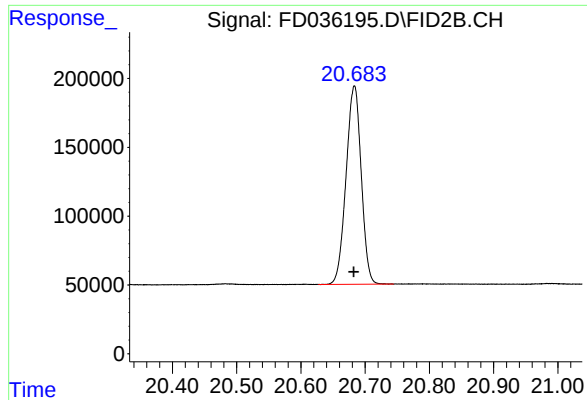
#19 n-Tetratriacontane (C34)

R.T.: 19.237 min
Delta R.T.: 0.000 min
Response: 2621947
Conc: 21.00 ug/ml



#20 n-Hexatriacontane (C36)

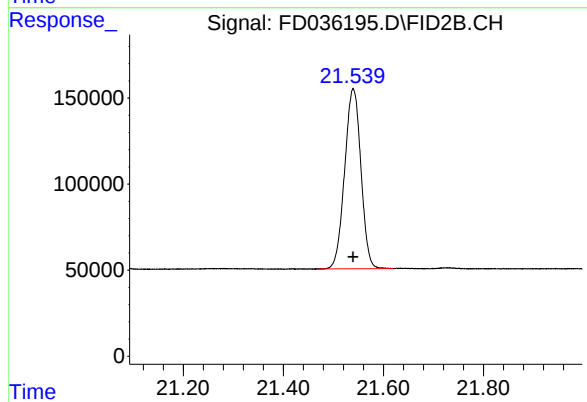
R.T.: 19.971 min
Delta R.T.: 0.000 min
Response: 2511637
Conc: 21.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.683 min
Delta R.T.: 0.000 min
Response: 2364377
Conc: 21.17 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.539 min
Delta R.T.: 0.000 min
Response: 2360267
Conc: 21.15 ug/ml