

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082621AL\
 Data File : FD038694.D
 Signal(s) : FID2B.CH
 Acq On : 26 Aug 2021 15:14
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 27 01:36:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 03:20:37 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)	11.353	2787259	20.419 ug/ml
Spiked Amount 50.000		Recovery =	40.84%
12) S 1-chlorooctadecane (S...	12.790	2154133	20.032 ug/ml
Spiked Amount 50.000		Recovery =	40.06%
Target Compounds			
1) T n-Nonane (C9)	3.183	2616559	22.287 ug/ml
2) T n-Decane (C10)	4.235	2651475	22.489 ug/ml
3) T A~Naphthalene (C11.7)	5.798	2880514	22.067 ug/ml
4) T n-Dodecane (C12)	6.237	2687910	22.637 ug/ml
5) T A~2-methylnaphthalene...	6.849	2891919	22.100 ug/ml
6) T n-Tetradecane (C14)	8.021	2716130	22.348 ug/ml
7) T n-Hexadecane (C16)	9.612	2716586	22.228 ug/ml
8) T n-Octadecane (C18)	11.046	2740842	21.770 ug/ml
10) T n-Eicosane (C20)	12.350	2643754	20.973 ug/ml
11) T n-Heneicosane (C21)	12.958	2622932	20.547 ug/ml
13) T n-Docosane (C22)	13.541	2549928	20.030 ug/ml
14) T n-Tetracosane (C24)	14.638	2447027	19.023 ug/ml
15) T n-Hexacosane (C26)	15.655	2306070	18.108 ug/ml
16) T n-Octacosane (C28)	16.600	2214160	17.355 ug/ml
17) T n-Tricontane (C30)	17.482	2152191	16.987 ug/ml
18) T n-Dotriacontane (C32)	18.308	2095651	17.055 ug/ml
19) T n-Tetratriacontane (C34)	19.088	2102064	17.613 ug/ml
20) T n-Hexatriacontane (C36)	19.824	2052418	18.415 ug/ml
21) T n-Octatriacontane (C38)	20.524	2011337	19.456 ug/ml
22) T n-Tetracontane (C40)	21.326	2043303	20.358 ug/ml

(f)=RT Delta > 1/2 Window

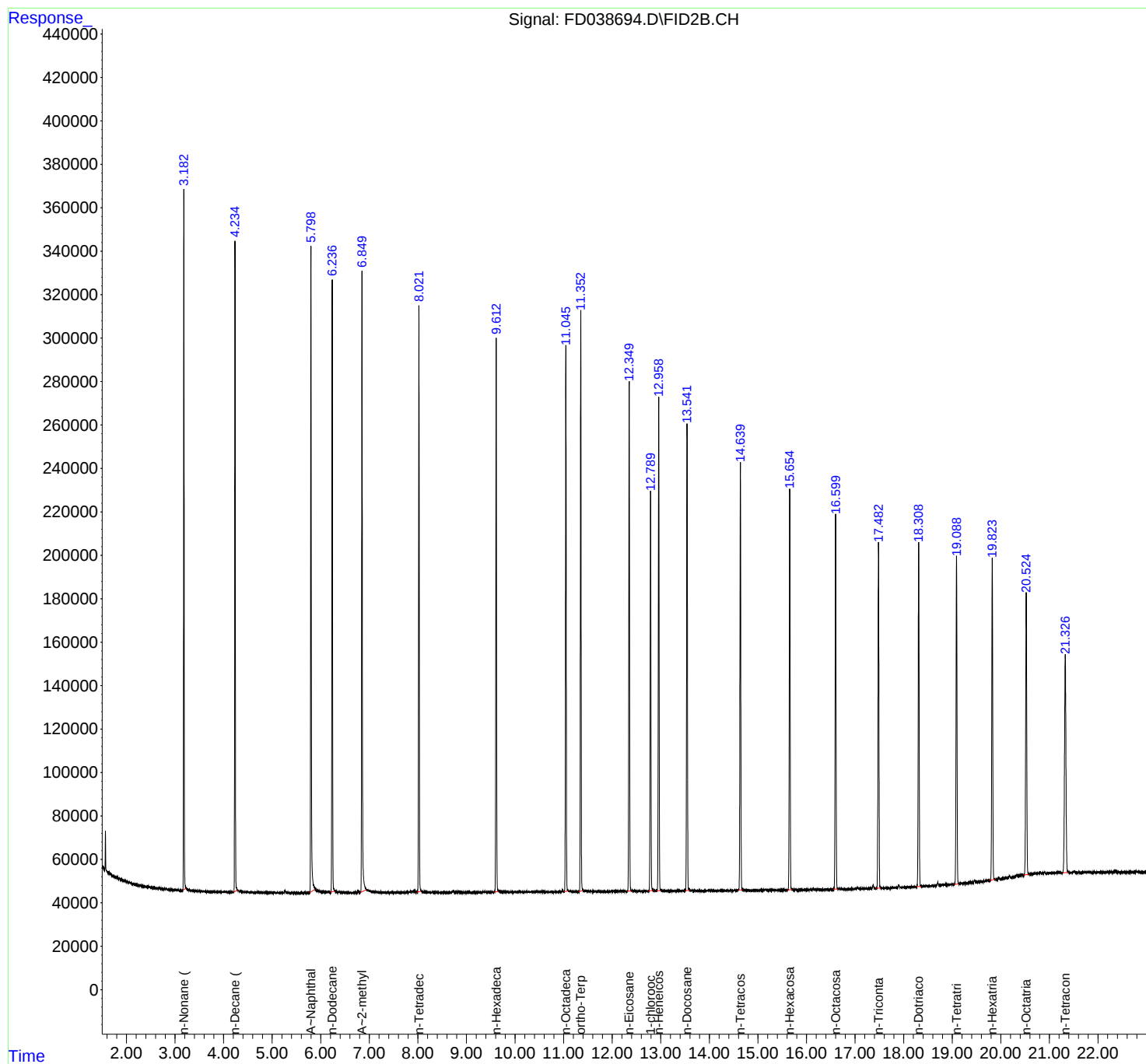
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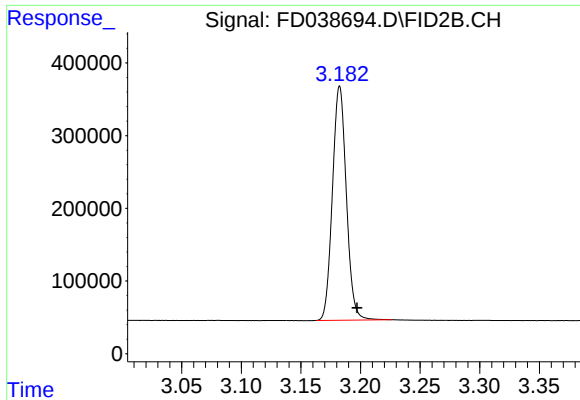
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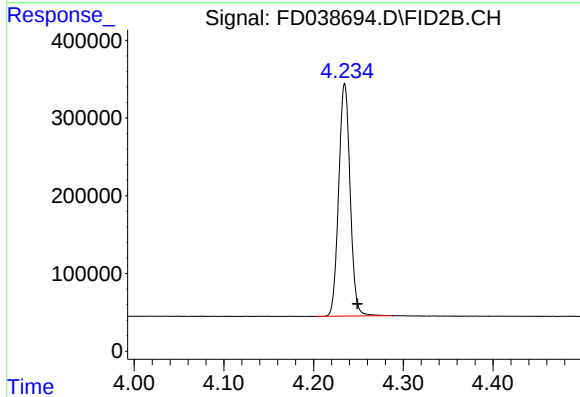




#1 n-Nonane (C9)

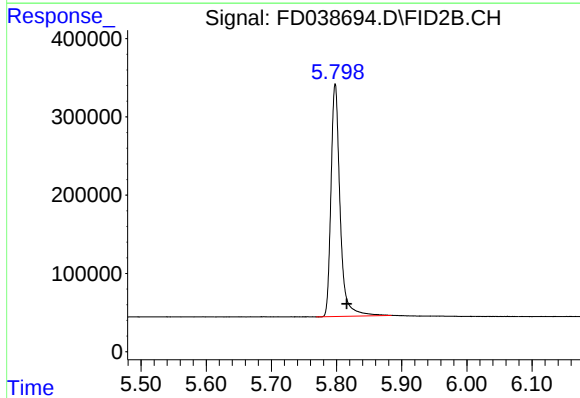
R.T.: 3.183 min
Delta R.T.: -0.014 min
Response: 2616559
Conc: 22.29 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



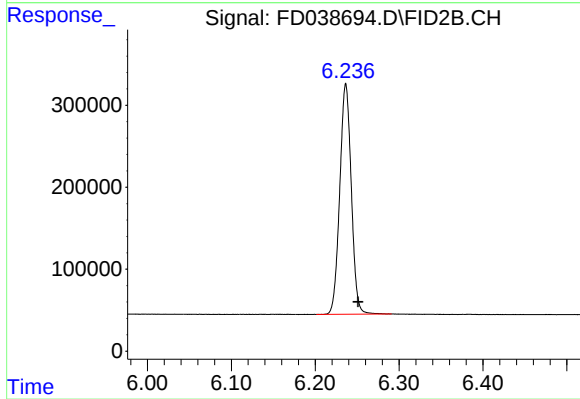
#2 n-Decane (C10)

R.T.: 4.235 min
Delta R.T.: -0.014 min
Response: 2651475
Conc: 22.49 ug/ml



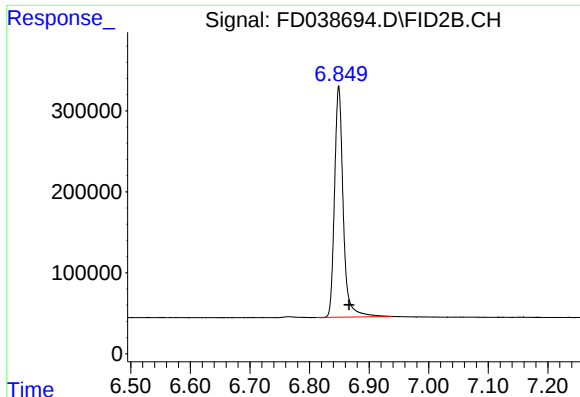
#3 A~Naphthalene (C11.7)

R.T.: 5.798 min
Delta R.T.: -0.018 min
Response: 2880514
Conc: 22.07 ug/ml



#4 n-Dodecane (C12)

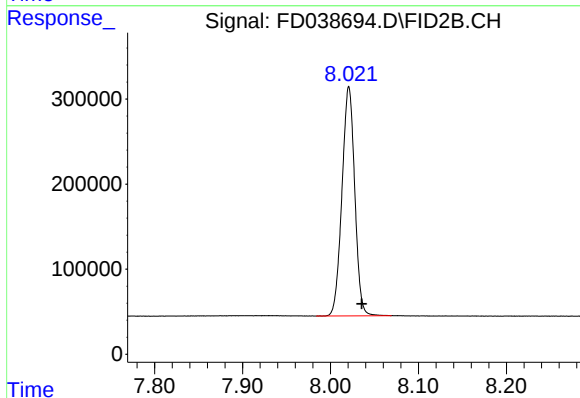
R.T.: 6.237 min
Delta R.T.: -0.014 min
Response: 2687910
Conc: 22.64 ug/ml



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

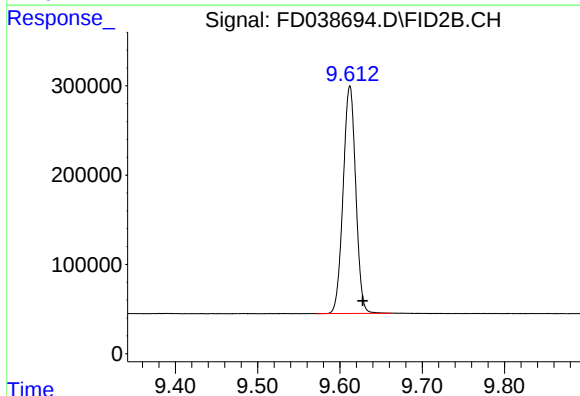
R.T.: 6.849 min
Delta R.T.: -0.017 min
Response: 2891919
Conc: 22.10 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



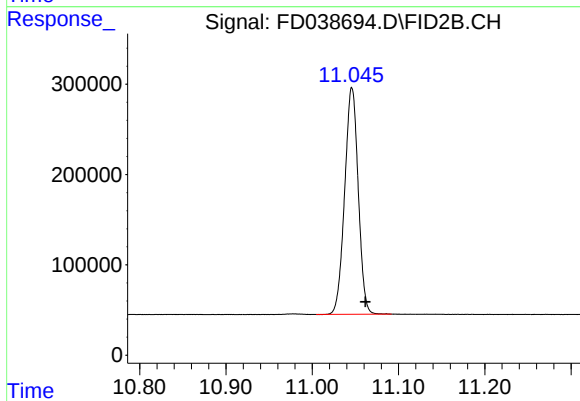
#6 n-Tetradecane (C14)

R.T.: 8.021 min
Delta R.T.: -0.015 min
Response: 2716130
Conc: 22.35 ug/ml



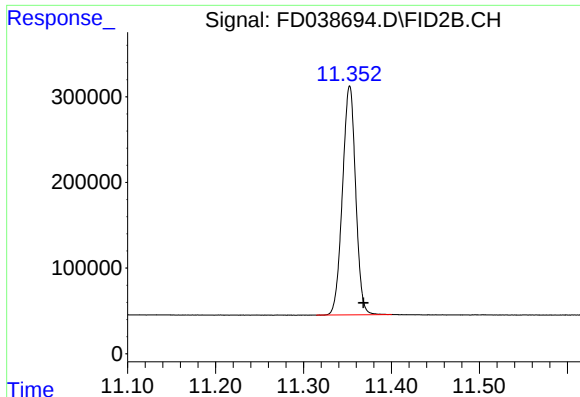
#7 n-Hexadecane (C16)

R.T.: 9.612 min
Delta R.T.: -0.015 min
Response: 2716586
Conc: 22.23 ug/ml



#8 n-Octadecane (C18)

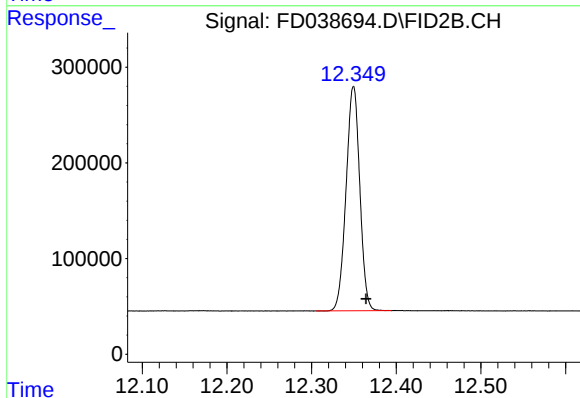
R.T.: 11.046 min
Delta R.T.: -0.016 min
Response: 2740842
Conc: 21.77 ug/ml



#9 ortho-Terphenyl (SURR)

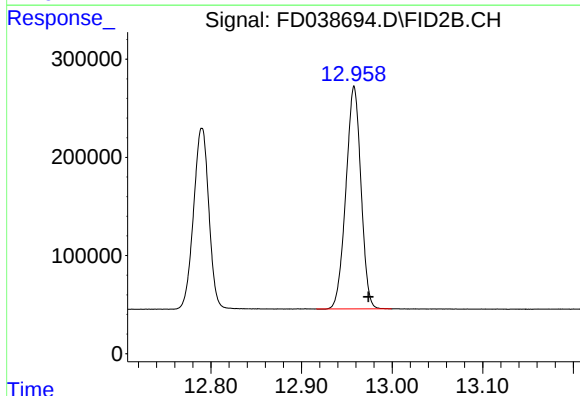
R.T.: 11.353 min
Delta R.T.: -0.015 min
Response: 2787259
Conc: 20.42 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



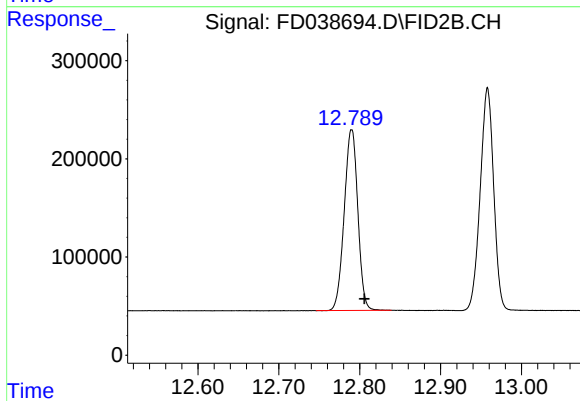
#10 n-Eicosane (C20)

R.T.: 12.350 min
Delta R.T.: -0.015 min
Response: 2643754
Conc: 20.97 ug/ml



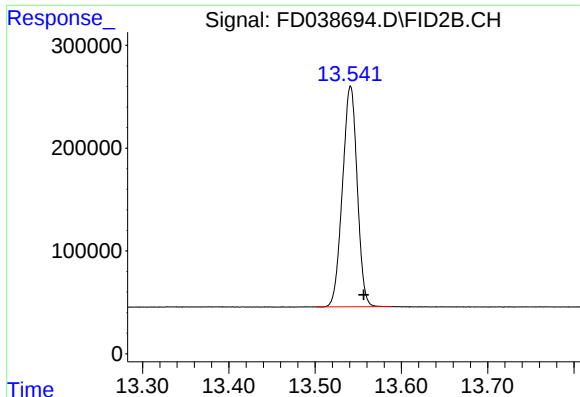
#11 n-Heneicosane (C21)

R.T.: 12.958 min
Delta R.T.: -0.016 min
Response: 2622932
Conc: 20.55 ug/ml



#12 1-chlorooctadecane (SURR)

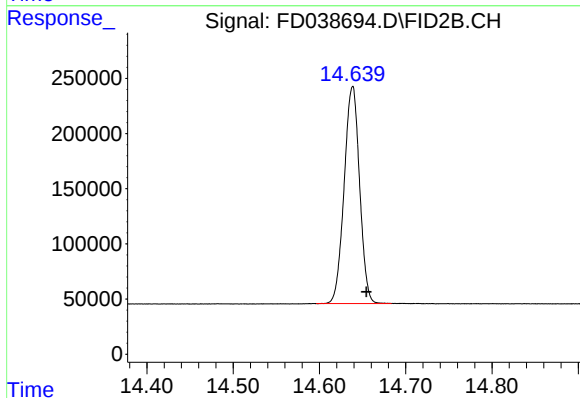
R.T.: 12.790 min
Delta R.T.: -0.016 min
Response: 2154133
Conc: 20.03 ug/ml



#13 n-Docosane (C22)

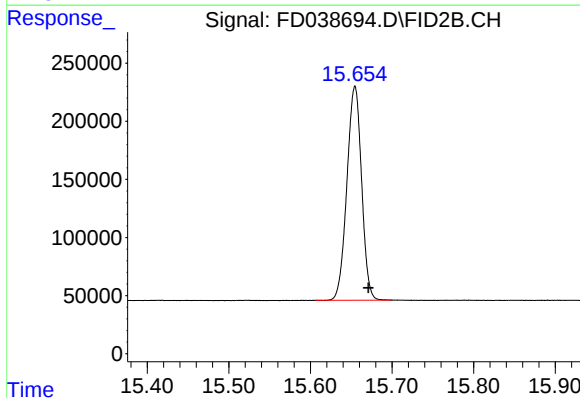
R.T.: 13.541 min
Delta R.T.: -0.015 min
Response: 2549928
Conc: 20.03 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



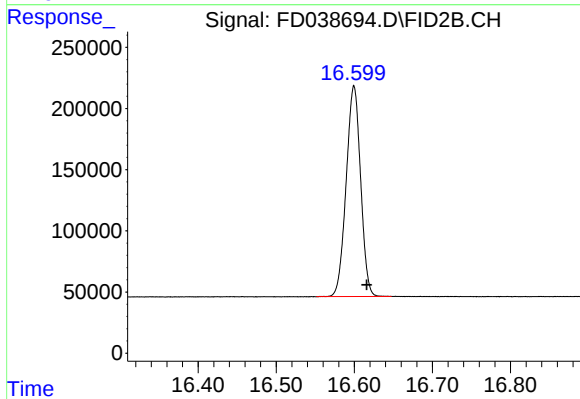
#14 n-Tetracosane (C24)

R.T.: 14.638 min
Delta R.T.: -0.016 min
Response: 2447027
Conc: 19.02 ug/ml



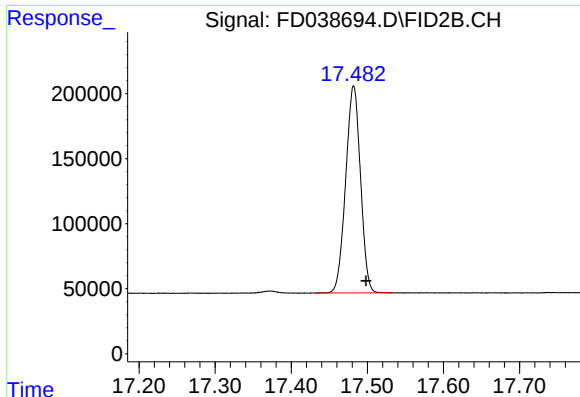
#15 n-Hexacosane (C26)

R.T.: 15.655 min
Delta R.T.: -0.016 min
Response: 2306070
Conc: 18.11 ug/ml



#16 n-Octacosane (C28)

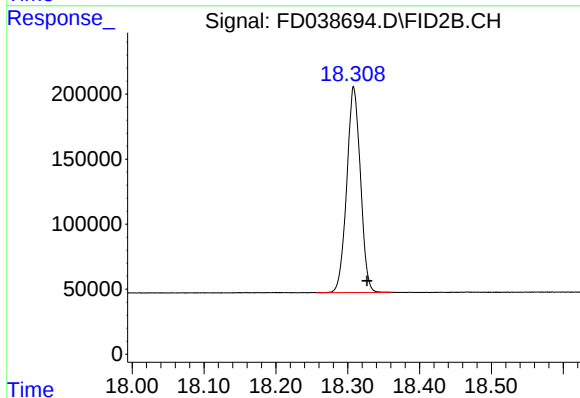
R.T.: 16.600 min
Delta R.T.: -0.016 min
Response: 2214160
Conc: 17.35 ug/ml



#17 n-Tricontane (C30)

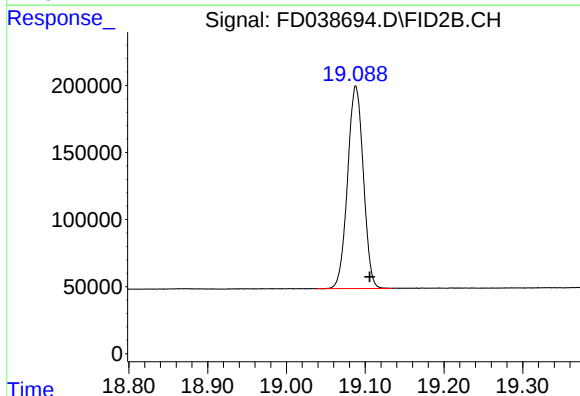
R.T.: 17.482 min
Delta R.T.: -0.016 min
Response: 2152191
Conc: 16.99 ug/ml

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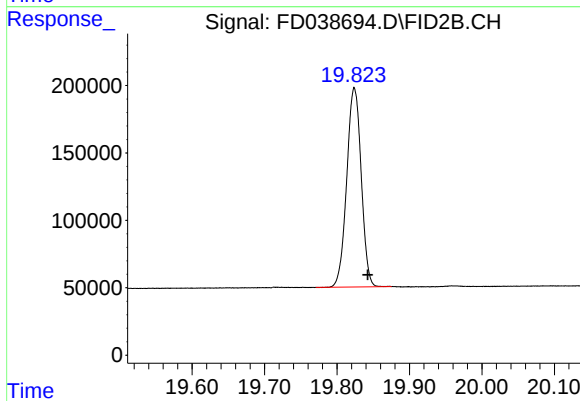
#18 n-Dotriacontane (C32)

R.T.: 18.308 min
Delta R.T.: -0.019 min
Response: 2095651
Conc: 17.06 ug/ml



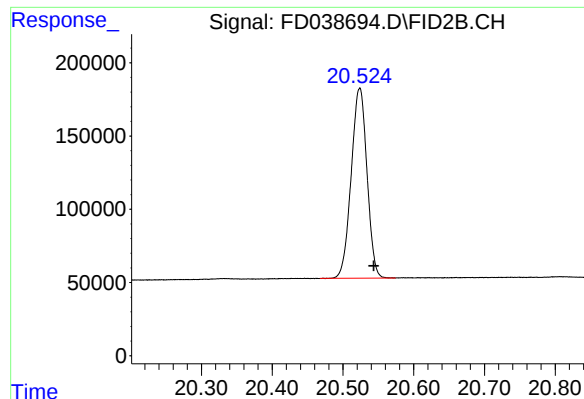
#19 n-Tetratriacontane (C34)

R.T.: 19.088 min
Delta R.T.: -0.018 min
Response: 2102064
Conc: 17.61 ug/ml



#20 n-Hexatriacontane (C36)

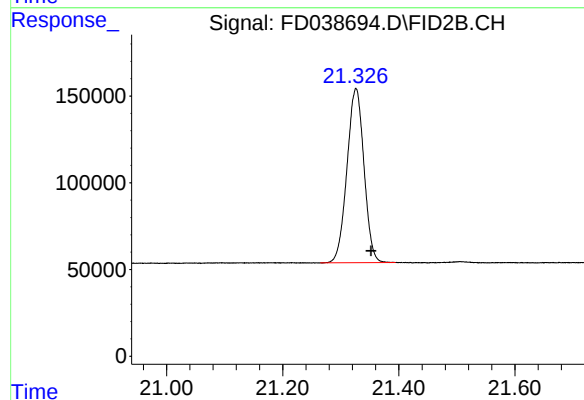
R.T.: 19.824 min
Delta R.T.: -0.018 min
Response: 2052418
Conc: 18.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.524 min
Delta R.T.: -0.020 min
Response: 2011337
Conc: 19.46 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.326 min
Delta R.T.: -0.026 min
Response: 2043303
Conc: 20.36 ug/ml