

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083021AL\
 Data File : FD038724.D
 Signal(s) : FID2B.CH
 Acq On : 31 Aug 2021 5:42
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Aug 31 06:35:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 06:05:30 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)	11.679	2951709	20.081 ug/ml
Spiked Amount 50.000		Recovery =	40.16%
12) S 1-chlorooctadecane (S...	13.104	2337804	20.098 ug/ml
Spiked Amount 50.000		Recovery =	40.20%
Target Compounds			
1) T n-Nonane (C9)	3.439	2549107	20.015 ug/ml
2) T n-Decane (C10)	4.508	2585236	19.959 ug/ml
3) T A~Naphthalene (C11.7)	6.099	2903268	19.937 ug/ml
4) T n-Dodecane (C12)	6.525	2611775	19.883 ug/ml
5) T A~2-methylnaphthalene...	7.153	2941810	19.889 ug/ml
6) T n-Tetradecane (C14)	8.317	2673277	19.834 ug/ml
7) T n-Hexadecane (C16)	9.915	2715801	19.863 ug/ml
8) T n-Octadecane (C18)	11.354	2798525	20.025 ug/ml
10) T n-Eicosane (C20)	12.660	2768984	20.082 ug/ml
11) T n-Heneicosane (C21)	13.270	2792119	20.089 ug/ml
13) T n-Docosane (C22)	13.855	2744636	20.146 ug/ml
14) T n-Tetracosane (C24)	14.954	2698469	20.198 ug/ml
15) T n-Hexacosane (C26)	15.971	2568062	20.251 ug/ml
16) T n-Octacosane (C28)	16.917	2448828	20.252 ug/ml
17) T n-Tricontane (C30)	17.801	2321970	20.242 ug/ml
18) T n-Dotriacontane (C32)	18.630	2180024	20.157 ug/ml
19) T n-Tetratriacontane (C34)	19.409	2082331	20.002 ug/ml
20) T n-Hexatriacontane (C36)	20.145	1947735	19.865 ug/ml
21) T n-Octatriacontane (C38)	20.889	1864866	19.778 ug/ml
22) T n-Tetracontane (C40)	21.819	1881134	19.868 ug/ml

(f)=RT Delta > 1/2 Window

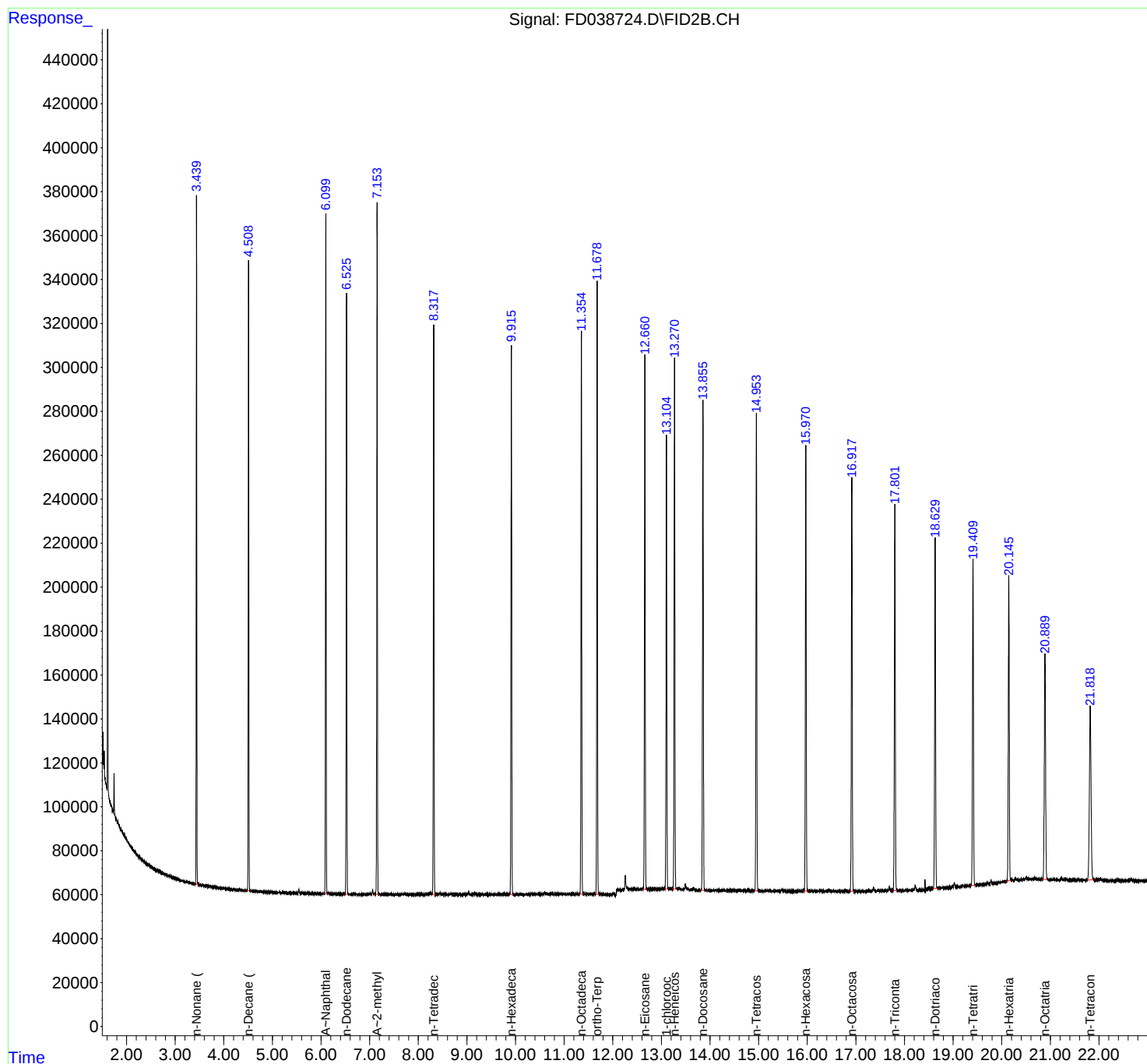
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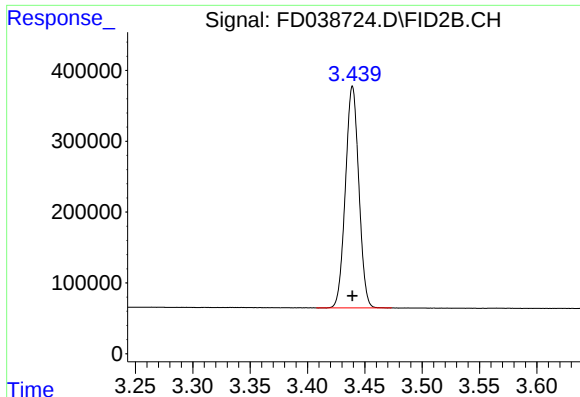
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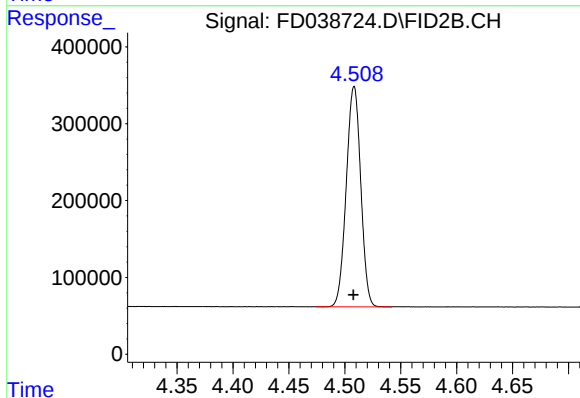




#1 n-Nonane (C9)

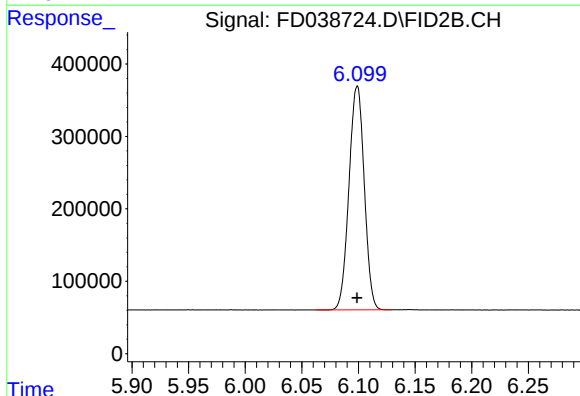
R.T.: 3.439 min
Delta R.T.: 0.000 min
Response: 2549107
Conc: 20.01 ug/ml

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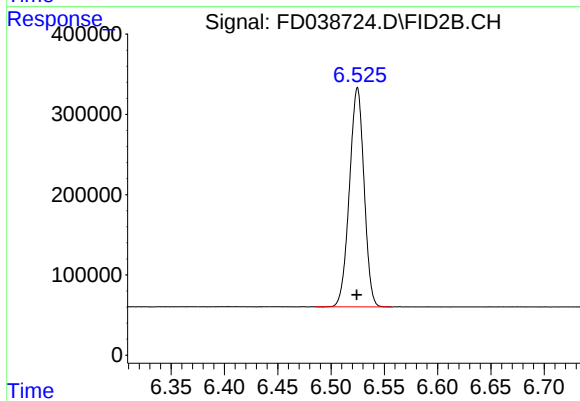
#2 n-Decane (C10)

R.T.: 4.508 min
Delta R.T.: 0.000 min
Response: 2585236
Conc: 19.96 ug/ml



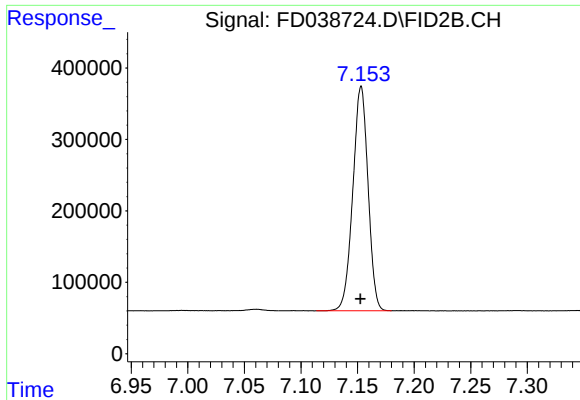
#3 A~Naphthalene (C11.7)

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 2903268
Conc: 19.94 ug/ml



#4 n-Dodecane (C12)

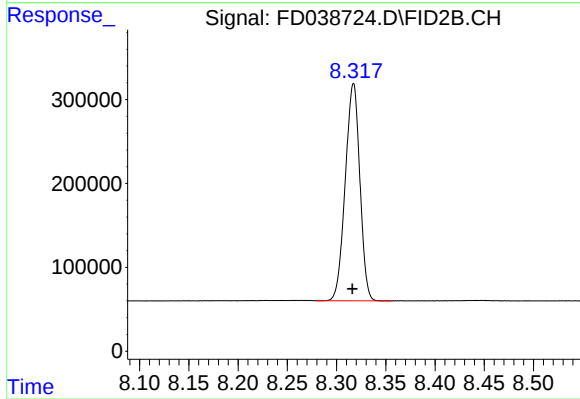
R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 2611775
Conc: 19.88 ug/ml



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

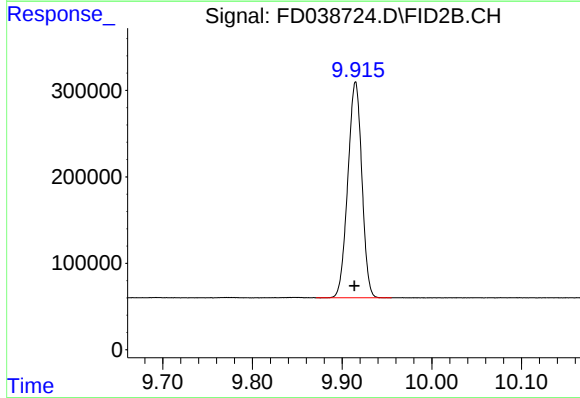
R.T.: 7.153 min
Delta R.T.: 0.000 min
Response: 2941810
Conc: 19.89 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD ICV



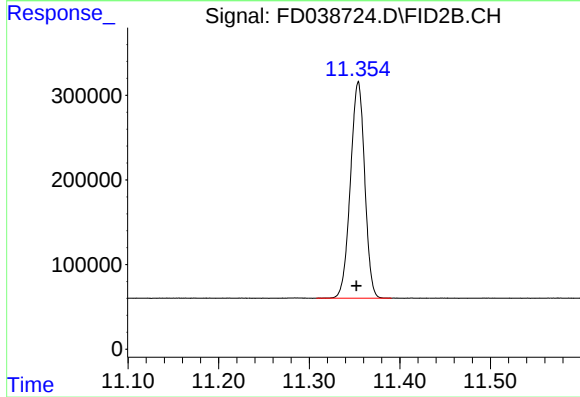
#6 n-Tetradecane (C14)

R.T.: 8.317 min
Delta R.T.: 0.001 min
Response: 2673277
Conc: 19.83 ug/ml



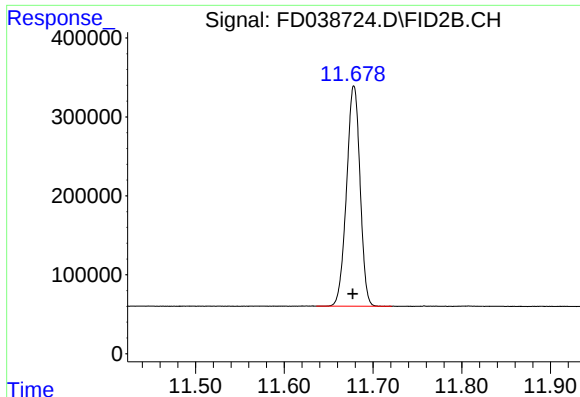
#7 n-Hexadecane (C16)

R.T.: 9.915 min
Delta R.T.: 0.001 min
Response: 2715801
Conc: 19.86 ug/ml



#8 n-Octadecane (C18)

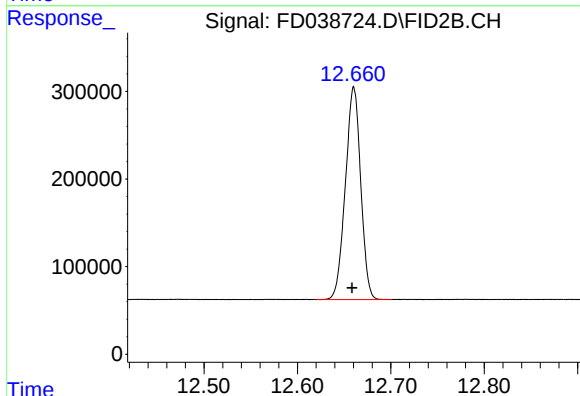
R.T.: 11.354 min
Delta R.T.: 0.002 min
Response: 2798525
Conc: 20.03 ug/ml



#9 ortho-Terphenyl (SURR)

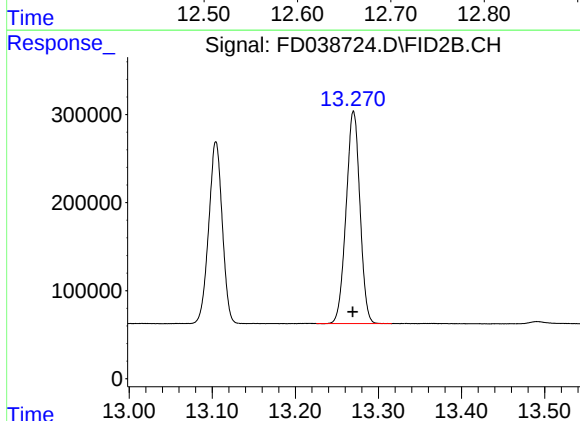
R.T.: 11.679 min
Delta R.T.: 0.001 min
Response: 2951709
Conc: 20.08 ug/ml

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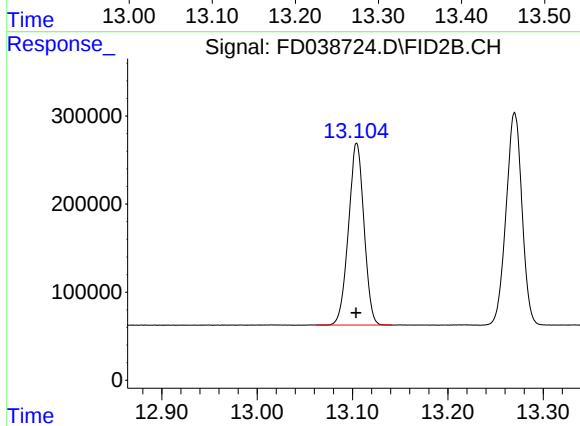
#10 n-Eicosane (C20)

R.T.: 12.660 min
Delta R.T.: 0.002 min
Response: 2768984
Conc: 20.08 ug/ml



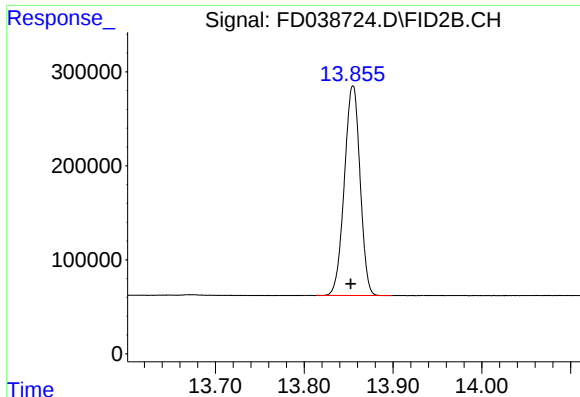
#11 n-Heneicosane (C21)

R.T.: 13.270 min
Delta R.T.: 0.001 min
Response: 2792119
Conc: 20.09 ug/ml



#12 1-chlorooctadecane (SURR)

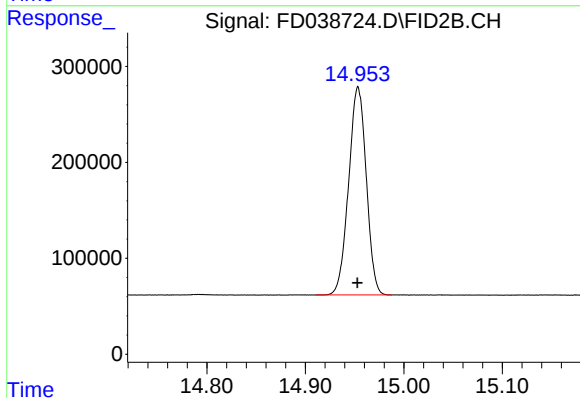
R.T.: 13.104 min
Delta R.T.: 0.000 min
Response: 2337804
Conc: 20.10 ug/ml



#13 n-Docosane (C22)

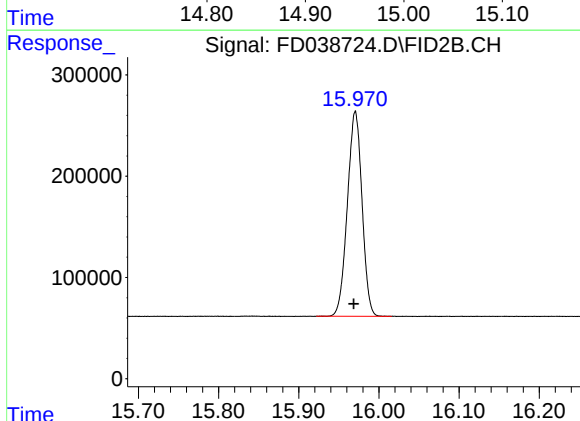
R.T.: 13.855 min
Delta R.T.: 0.002 min
Response: 2744636
Conc: 20.15 ug/ml

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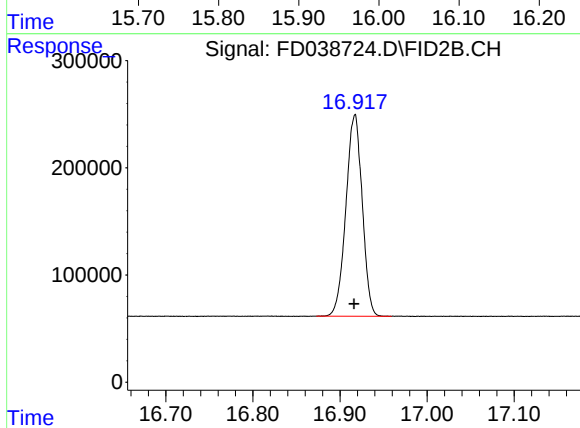
#14 n-Tetracosane (C24)

R.T.: 14.954 min
Delta R.T.: 0.000 min
Response: 2698469
Conc: 20.20 ug/ml



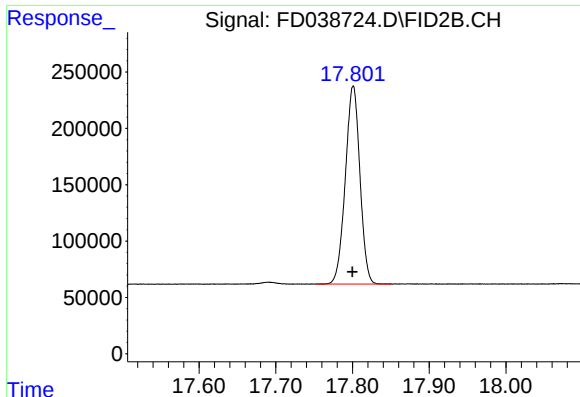
#15 n-Hexacosane (C26)

R.T.: 15.971 min
Delta R.T.: 0.002 min
Response: 2568062
Conc: 20.25 ug/ml



#16 n-Octacosane (C28)

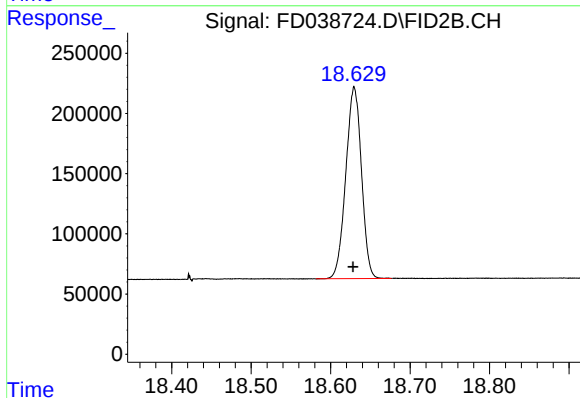
R.T.: 16.917 min
Delta R.T.: 0.001 min
Response: 2448828
Conc: 20.25 ug/ml



#17 n-Tricontane (C30)

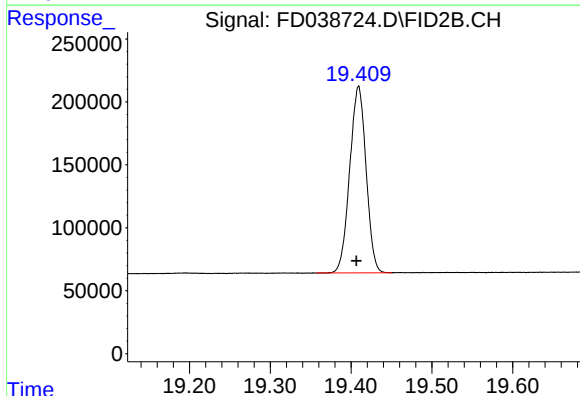
R.T.: 17.801 min
Delta R.T.: 0.001 min
Response: 2321970
Conc: 20.24 ug/ml

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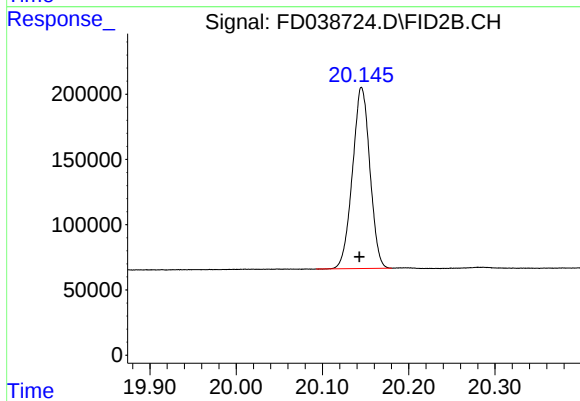
#18 n-Dotriacontane (C32)

R.T.: 18.630 min
Delta R.T.: 0.001 min
Response: 2180024
Conc: 20.16 ug/ml



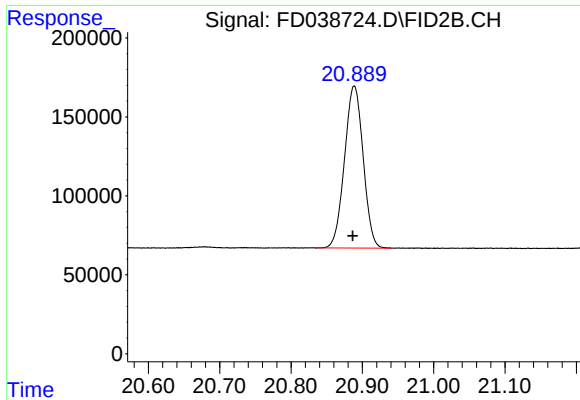
#19 n-Tetratriacontane (C34)

R.T.: 19.409 min
Delta R.T.: 0.003 min
Response: 2082331
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

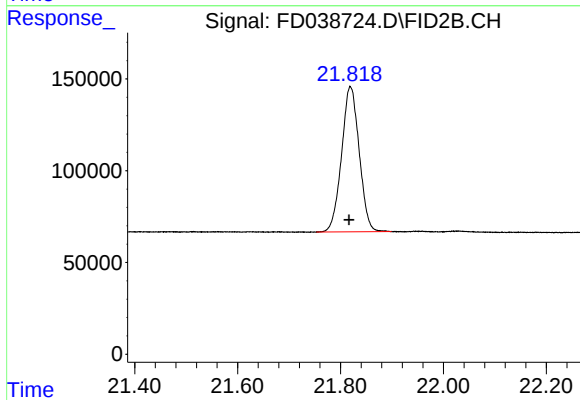
R.T.: 20.145 min
Delta R.T.: 0.003 min
Response: 1947735
Conc: 19.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.889 min
Delta R.T.: 0.002 min
Response: 1864866
Conc: 19.78 ug/ml

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FID_D
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#22 n-Tetracontane (C40)

R.T.: 21.819 min
Delta R.T.: 0.002 min
Response: 1881134
Conc: 19.87 ug/ml