

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102822AL\
 Data File : FD044329.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2022 11:27
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/31/2022
 Supervised By :Ankita Jodhani 10/31/2022

Integration File: autoint1.e
 Quant Time: Oct 30 01:09:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 100522.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 06 01:41:44 2022
 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)	11.292	3142310	19.963 ug/ml
Spiked Amount 50.000		Recovery =	39.93%
12) S 1-chlorooctadecane (S...	12.707	2451539	19.493 ug/ml
Spiked Amount 50.000		Recovery =	38.99%
Target Compounds			
1) T n-Nonane (C9)	3.131	2649470	19.622 ug/ml
2) T n-Decane (C10)	4.180	2695778	20.065 ug/ml
3) T A~Naphthalene (C11.7)	5.755	2549805	19.084 ug/ml
4) T n-Dodecane (C12)	6.175	2796457	20.125 ug/ml
5) T A~2-methylnaphthalene...	6.802	2576947	19.818 ug/mlm
6) T n-Tetradecane (C14)	7.954	2850744	20.476 ug/ml
7) T n-Hexadecane (C16)	9.540	2917159	20.681 ug/ml
8) T n-Octadecane (C18)	10.969	2992087	20.577 ug/ml
10) T n-Eicosane (C20)	12.266	3019003	20.359 ug/ml
11) T n-Heneicosane (C21)	12.872	2993932	19.955 ug/ml
13) T n-Docosane (C22)	13.453	3153460	20.975 ug/ml
14) T n-Tetracosane (C24)	14.545	3147595	20.854 ug/ml
15) T n-Hexacosane (C26)	15.555	3067475	20.259 ug/ml
16) T n-Octacosane (C28)	16.494	3078690	20.435 ug/ml
17) T n-Tricontane (C30)	17.372	3187029	20.793 ug/ml
18) T n-Dotriacontane (C32)	18.195	3173676	20.695 ug/ml
19) T n-Tetratriacontane (C34)	18.968	2884558	19.594 ug/ml
20) T n-Hexatriacontane (C36)	19.699	2709078	18.477 ug/ml
21) T n-Octatriacontane (C38)	20.391	2560013	18.350 ug/ml
22) T n-Tetracontane (C40)	21.144	2419428	18.603 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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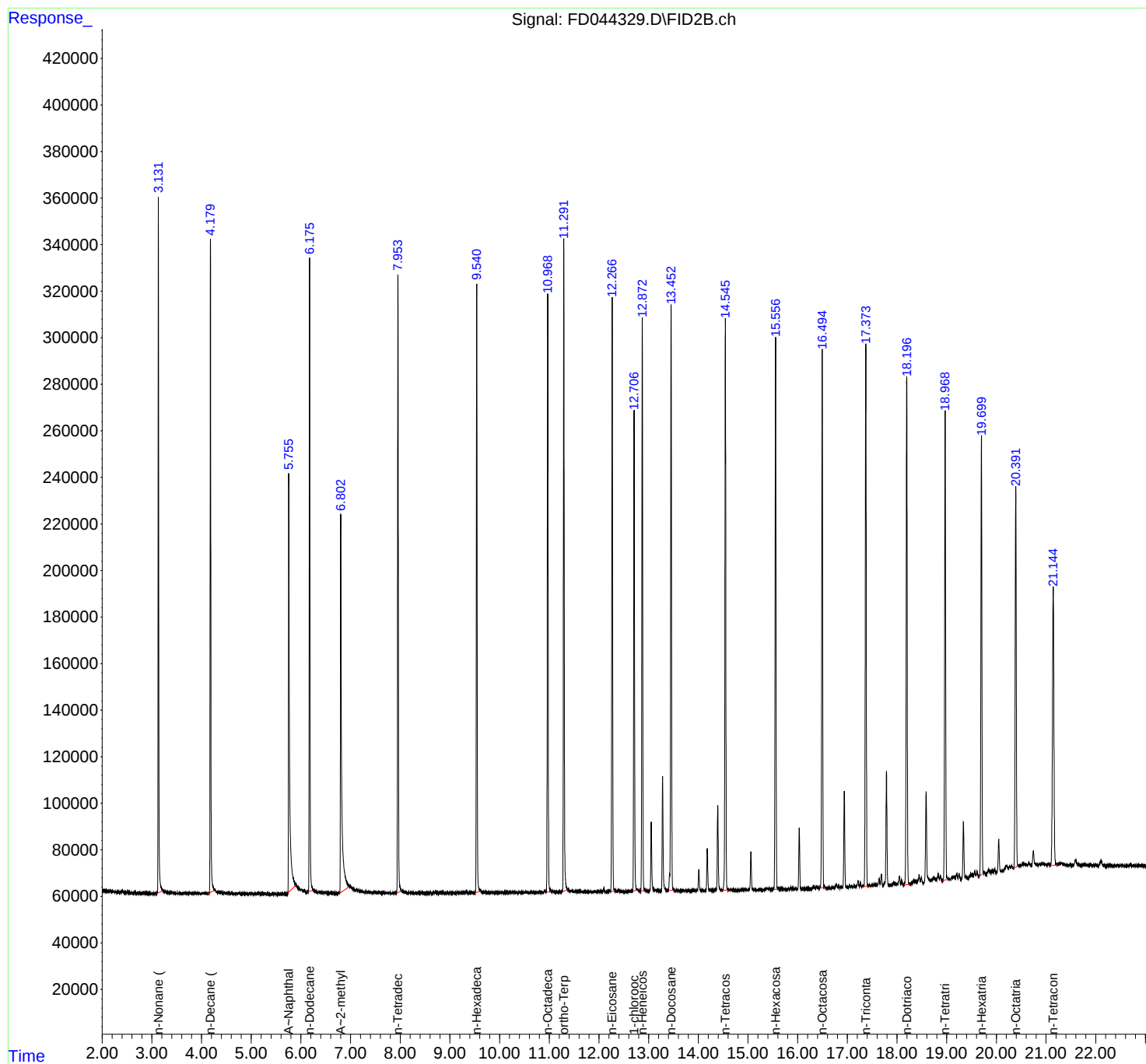
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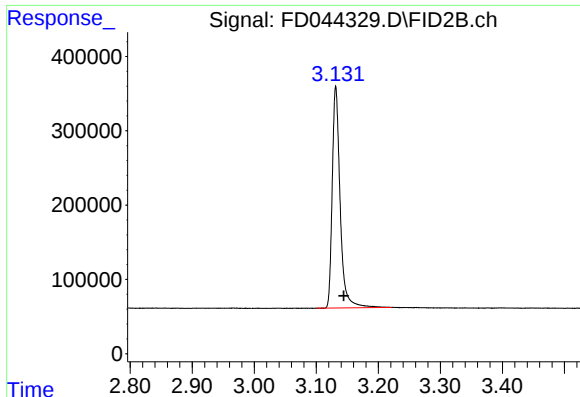
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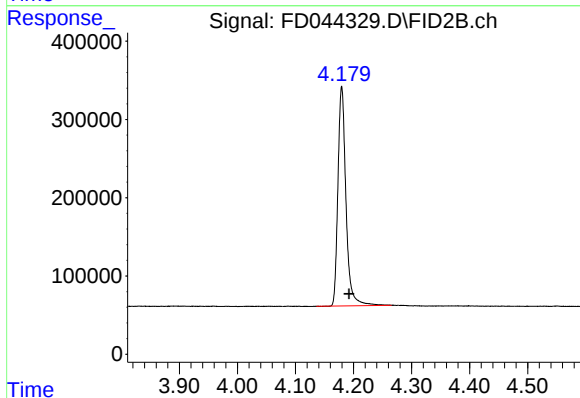
#1 n-Nonane (C9)

R.T.: 3.131 min
Delta R.T.: -0.013 min
Response: 2649470
Conc: 19.62 ug/ml

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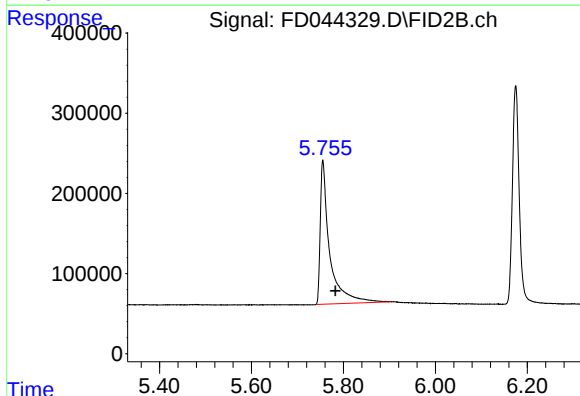
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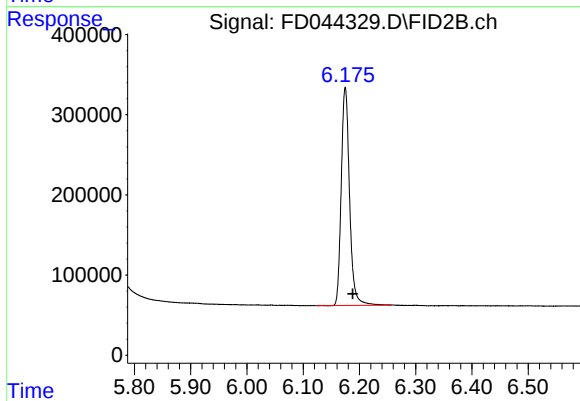
#2 n-Decane (C10)

R.T.: 4.180 min
Delta R.T.: -0.012 min
Response: 2695778
Conc: 20.06 ug/ml



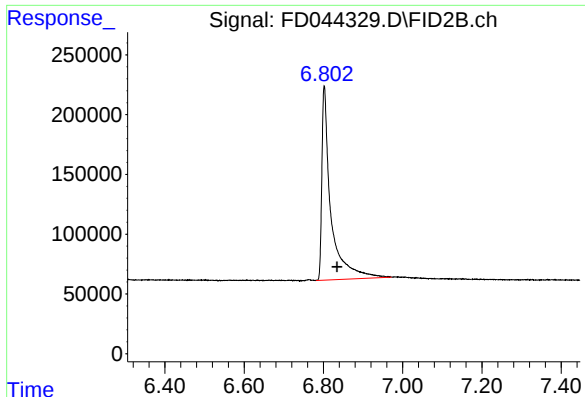
#3 A~Naphthalene (C11.7)

R.T.: 5.755 min
Delta R.T.: -0.027 min
Response: 2549805
Conc: 19.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.175 min
Delta R.T.: -0.013 min
Response: 2796457
Conc: 20.12 ug/ml



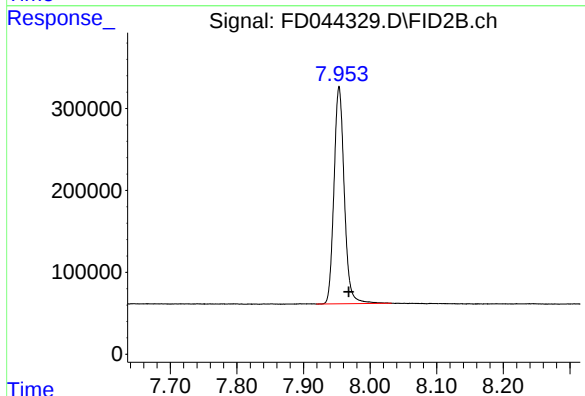
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.802 min
Delta R.T.: -0.033 min
Response: 2576947
Conc: 19.82 ug/ml

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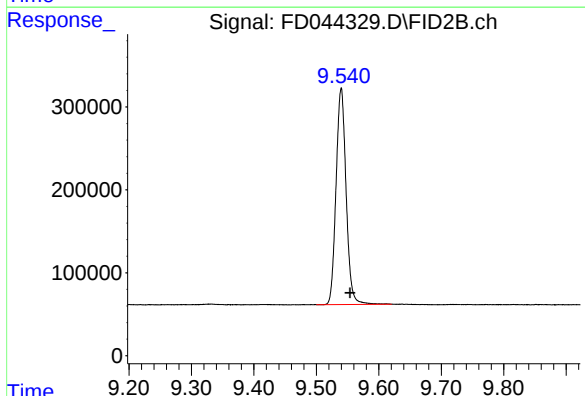
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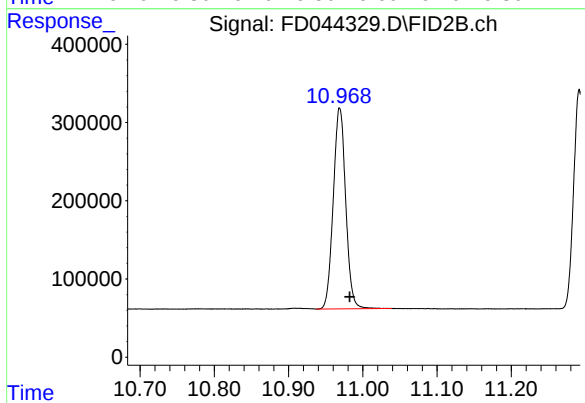
#6 n-Tetradecane (C14)

R.T.: 7.954 min
Delta R.T.: -0.014 min
Response: 2850744
Conc: 20.48 ug/ml



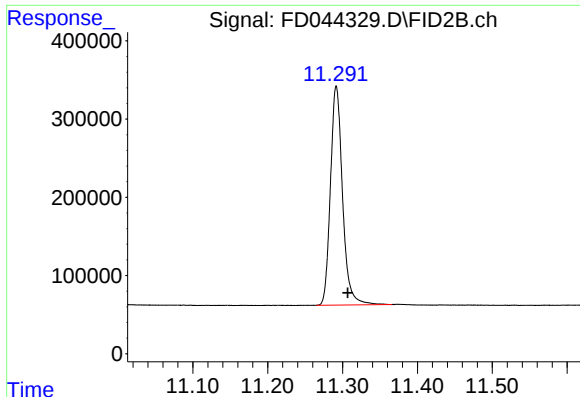
#7 n-Hexadecane (C16)

R.T.: 9.540 min
Delta R.T.: -0.014 min
Response: 2917159
Conc: 20.68 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.969 min
Delta R.T.: -0.014 min
Response: 2992087
Conc: 20.58 ug/ml



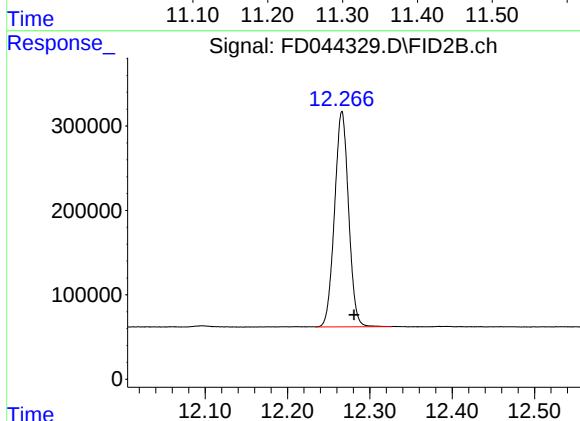
#9 ortho-Terphenyl (SURR)

R.T.: 11.292 min
Delta R.T.: -0.015 min
Response: 3142310
Conc: 19.96 ug/ml

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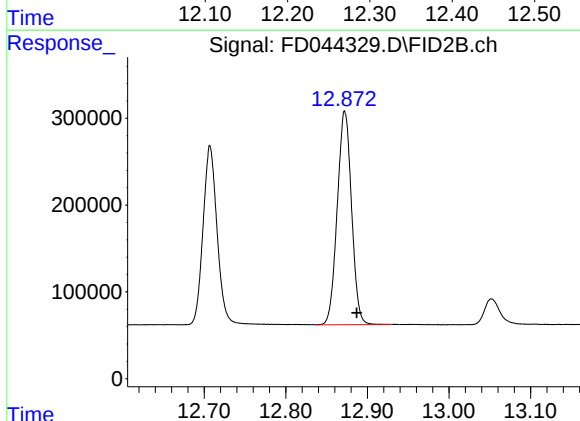
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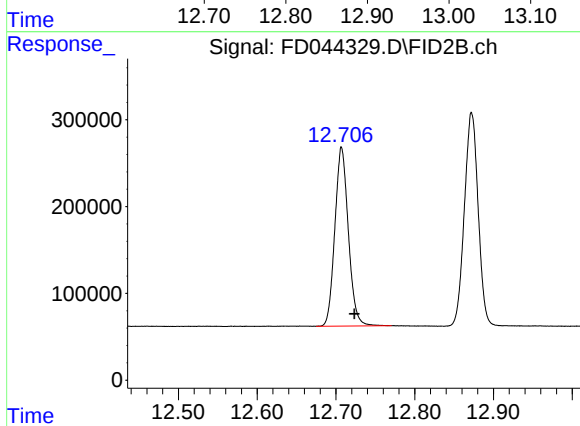
#10 n-Eicosane (C20)

R.T.: 12.266 min
Delta R.T.: -0.015 min
Response: 3019003
Conc: 20.36 ug/ml



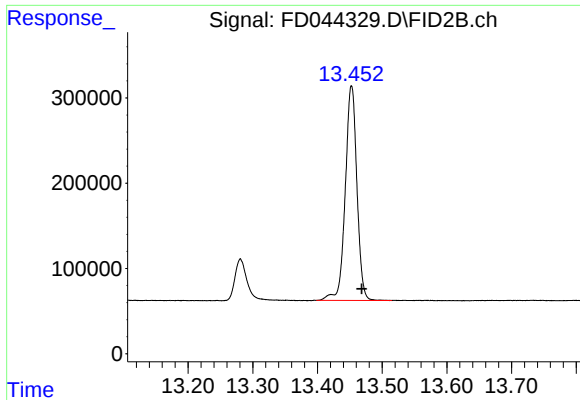
#11 n-Heneicosane (C21)

R.T.: 12.872 min
Delta R.T.: -0.015 min
Response: 2993932
Conc: 19.96 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.707 min
Delta R.T.: -0.017 min
Response: 2451539
Conc: 19.49 ug/ml



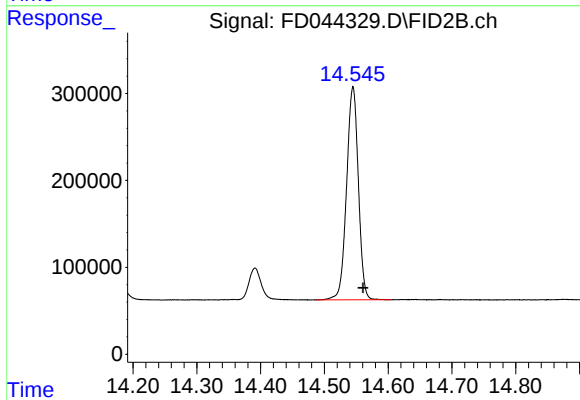
#13 n-Docosane (C22)

R.T.: 13.453 min
Delta R.T.: -0.016 min
Response: 3153460
Conc: 20.97 ug/ml

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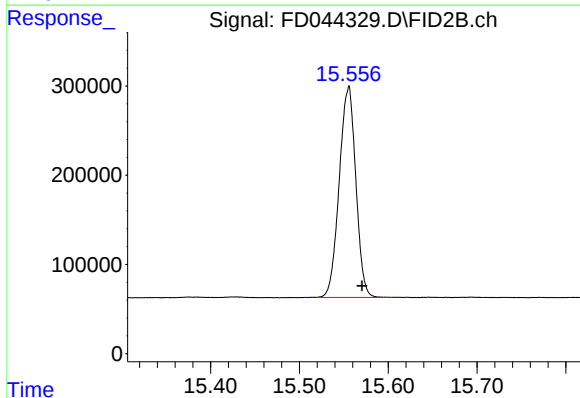
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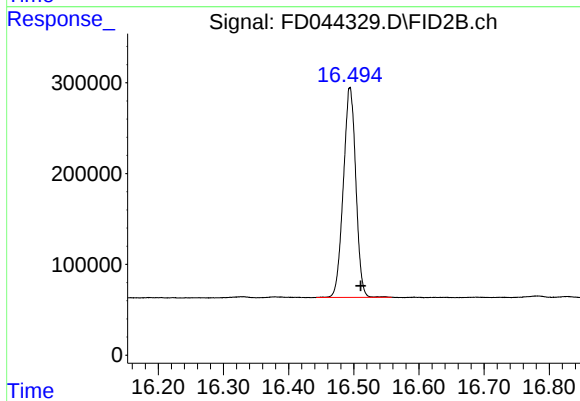
#14 n-Tetracosane (C24)

R.T.: 14.545 min
Delta R.T.: -0.016 min
Response: 3147595
Conc: 20.85 ug/ml



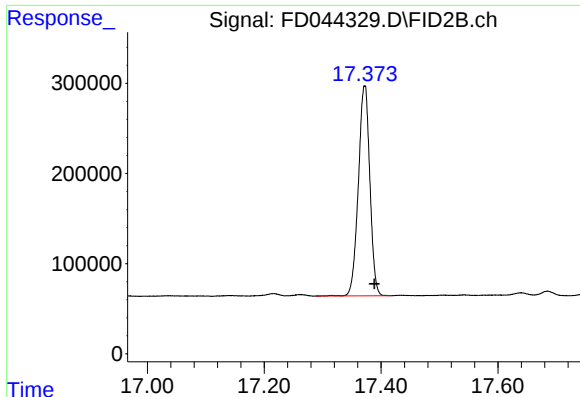
#15 n-Hexacosane (C26)

R.T.: 15.555 min
Delta R.T.: -0.015 min
Response: 3067475
Conc: 20.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.494 min
Delta R.T.: -0.017 min
Response: 3078690
Conc: 20.43 ug/ml



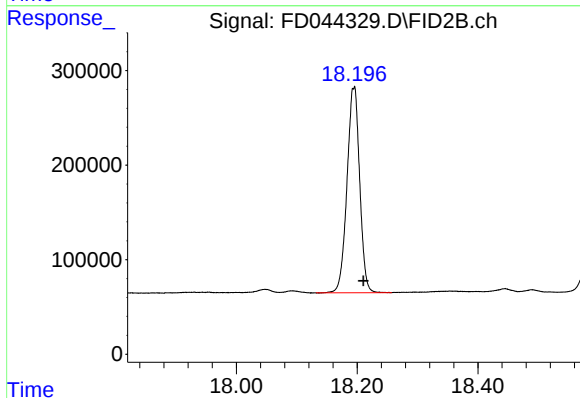
#17 n-Tricontane (C30)

R.T.: 17.372 min
Delta R.T.: -0.017 min
Response: 3187029
Conc: 20.79 ug/ml

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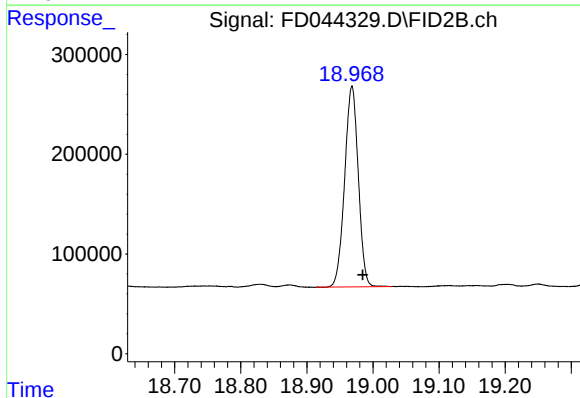
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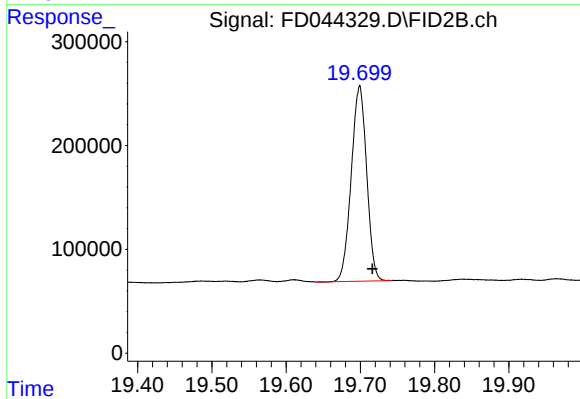
#18 n-Dotriacontane (C32)

R.T.: 18.195 min
Delta R.T.: -0.016 min
Response: 3173676
Conc: 20.69 ug/ml



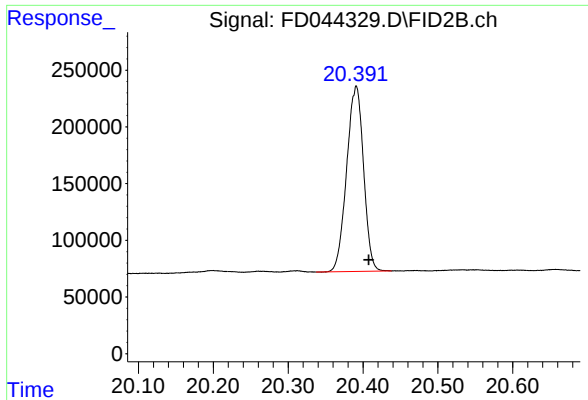
#19 n-Tetratriacontane (C34)

R.T.: 18.968 min
Delta R.T.: -0.016 min
Response: 2884558
Conc: 19.59 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.699 min
Delta R.T.: -0.017 min
Response: 2709078
Conc: 18.48 ug/ml



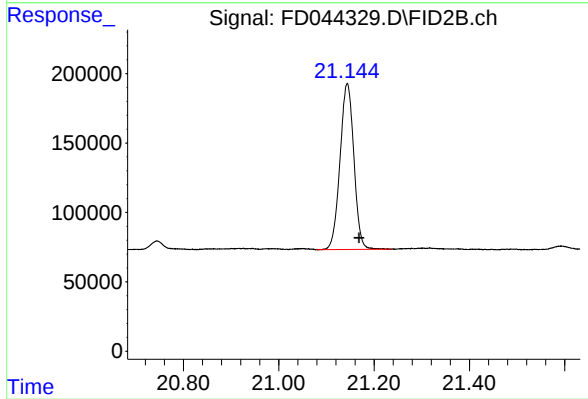
#21 n-Octatriacontane (C38)

R.T.: 20.391 min
Delta R.T.: -0.016 min
Response: 2560013
Conc: 18.35 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.144 min
Delta R.T.: -0.025 min
Response: 2419428
Conc: 18.60 ug/ml