

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102822AL\
 Data File : FD044319.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2022 04:58
 Operator : YP/AJ
 Sample : PB148610BSD
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB148610BSD

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Oct 29 06:28:19 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)	11.295	6077519	38.611 ug/ml
Spiked Amount 50.000		Recovery =	77.22%
12) S 1-chlorooctadecane (S...	12.709	4835111	38.446 ug/ml
Spiked Amount 50.000		Recovery =	76.89%
Target Compounds			
1) T n-Nonane (C9)	3.152	5854946	43.362 ug/ml
2) T n-Decane (C10)	4.189	5886973	43.817 ug/ml
3) T A~Naphthalene (C11.7)	5.754	6007544	44.963 ug/mlm
4) T n-Dodecane (C12)	6.178	6224449	44.795 ug/ml
5) T A~2-methylnaphthalene...	6.800	5686832	43.735 ug/mlm
6) T n-Tetradecane (C14)	7.957	6326422	45.442 ug/ml
7) T n-Hexadecane (C16)	9.542	6336707	44.925 ug/ml
8) T n-Octadecane (C18)	10.972	6444077	44.317 ug/ml
10) T n-Eicosane (C20)	12.270	6179508	41.673 ug/ml
11) T n-Heneicosane (C21)	12.875	6104528	40.689 ug/ml
13) T n-Docosane (C22)	13.456	5977300	39.757 ug/ml
14) T n-Tetracosane (C24)	14.546	10786349	71.464 ug/ml
15) T n-Hexacosane (C26)	15.558	5444673	35.959 ug/ml
16) T n-Octacosane (C28)	16.497	5766815	38.278 ug/ml
17) T n-Tricontane (C30)	17.375	4941725	32.241 ug/ml
18) T n-Dotriacontane (C32)	18.197	4688720	30.574 ug/ml
19) T n-Tetratriacontane (C34)	18.970	4002836	27.190 ug/ml
20) T n-Hexatriacontane (C36)	19.699	3177033	21.669 ug/ml
21) T n-Octatriacontane (C38)	20.390	2583788	18.521 ug/ml
22) T n-Tetracontane (C40)	21.144	2151697	16.544 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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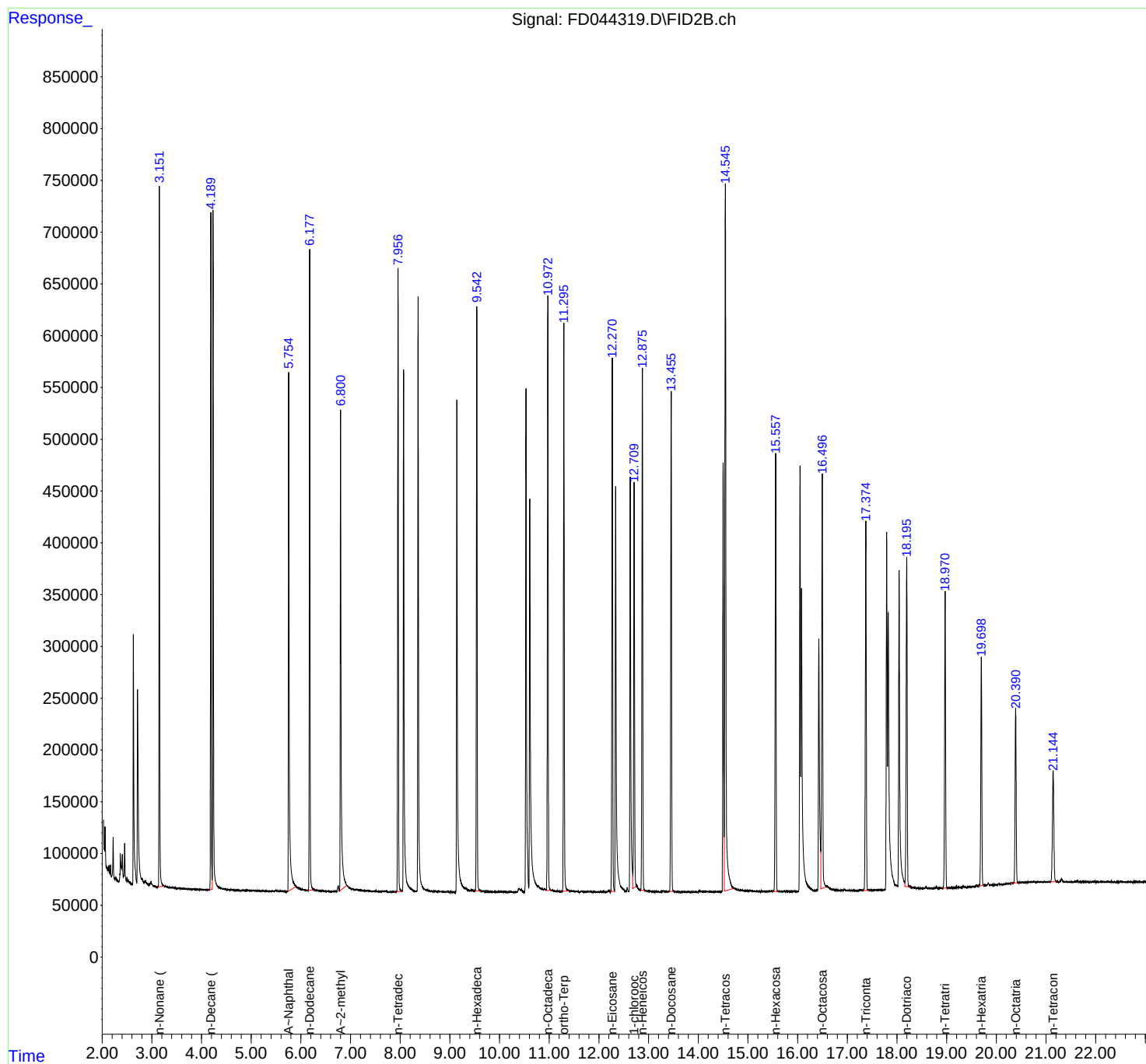
Instrument :
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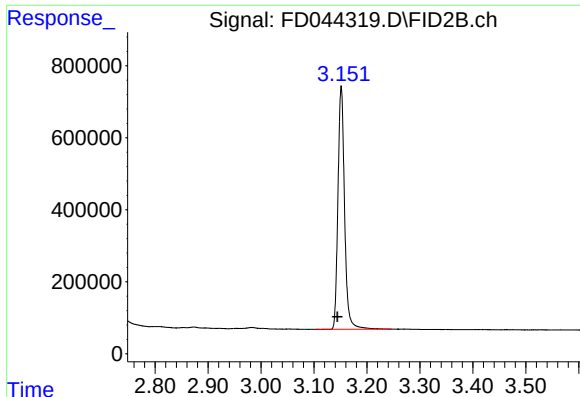
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#1 n-Nonane (C9)

R.T.: 3.152 min
Delta R.T.: 0.008 min
Response: 5854946
Conc: 43.36 ug/ml

Instrument :

FID_D

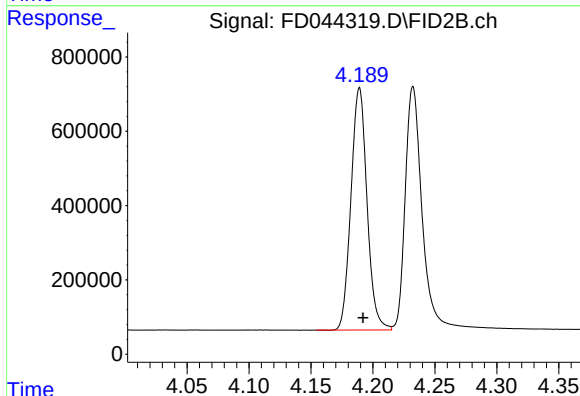
ClientSampleId :

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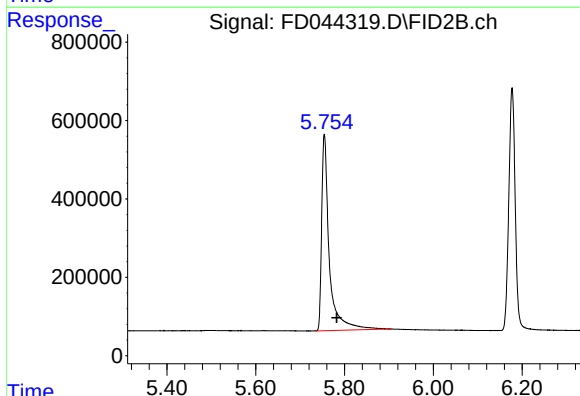
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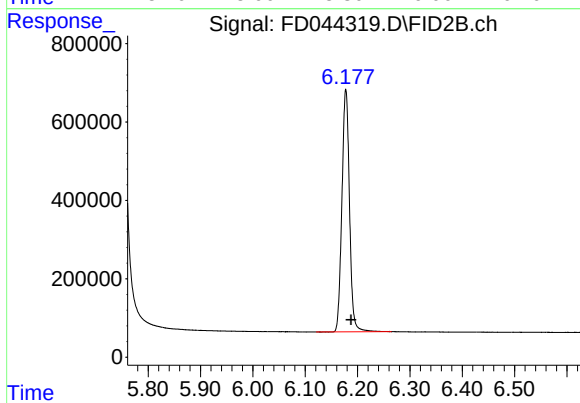
#2 n-Decane (C10)

R.T.: 4.189 min
Delta R.T.: -0.003 min
Response: 5886973
Conc: 43.82 ug/ml



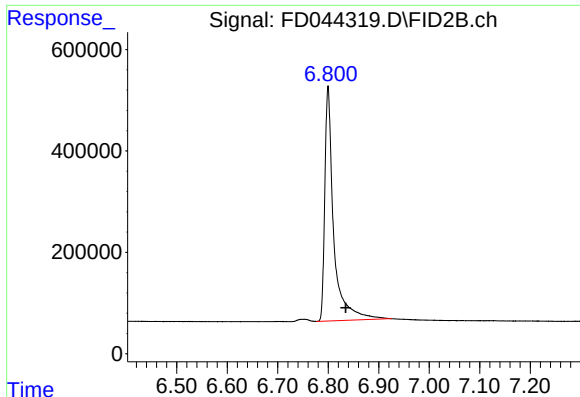
#3 A~Naphthalene (C11.7)

R.T.: 5.754 min
Delta R.T.: -0.029 min
Response: 6007544
Conc: 44.96 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.178 min
Delta R.T.: -0.010 min
Response: 6224449
Conc: 44.79 ug/ml



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

R.T.: 6.800 min
Delta R.T.: -0.035 min
Response: 5686832
Conc: 43.74 ug/ml

Instrument :

FID_D

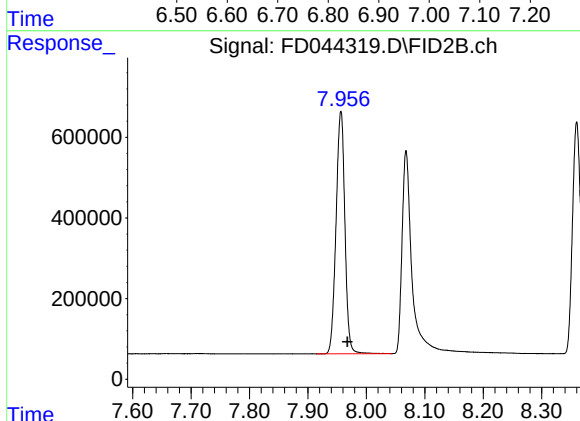
ClientSampleId :

PB148610BSD

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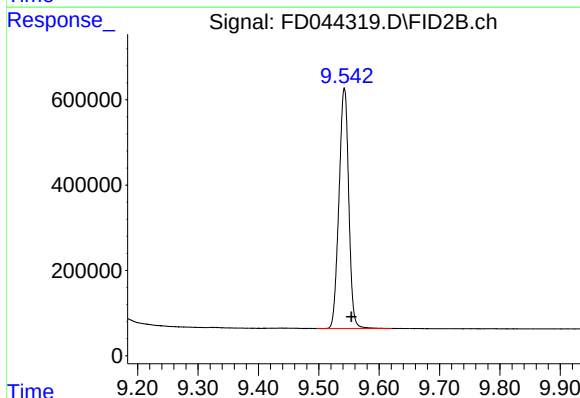
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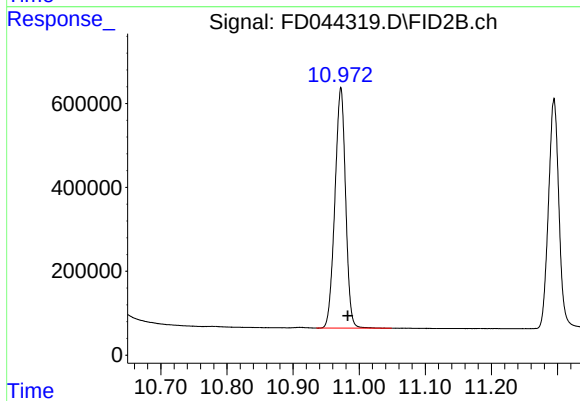
#6 n-Tetradecane (C14)

R.T.: 7.957 min
Delta R.T.: -0.011 min
Response: 6326422
Conc: 45.44 ug/ml



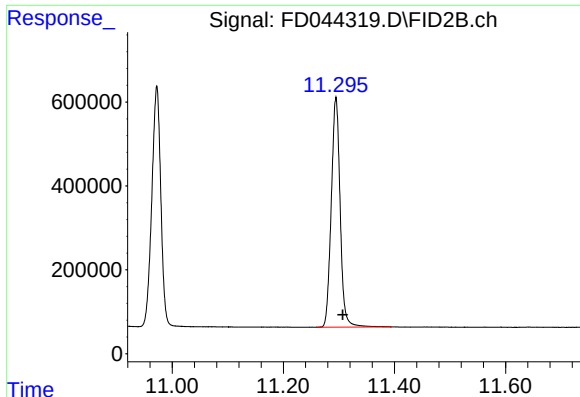
#7 n-Hexadecane (C16)

R.T.: 9.542 min
Delta R.T.: -0.012 min
Response: 6336707
Conc: 44.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.972 min
Delta R.T.: -0.010 min
Response: 6444077
Conc: 44.32 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.295 min
Delta R.T.: -0.012 min
Response: 6077519
Conc: 38.61 ug/ml

Instrument :

FID_D

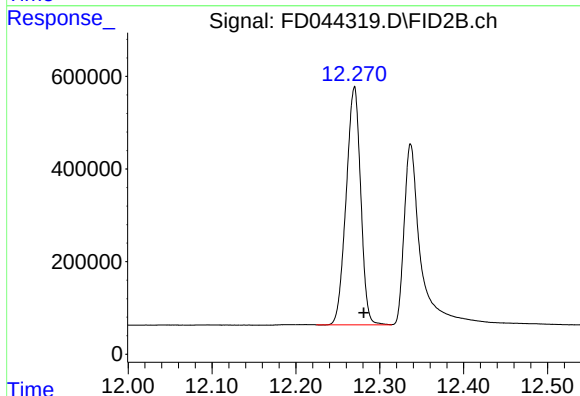
ClientSampleId :

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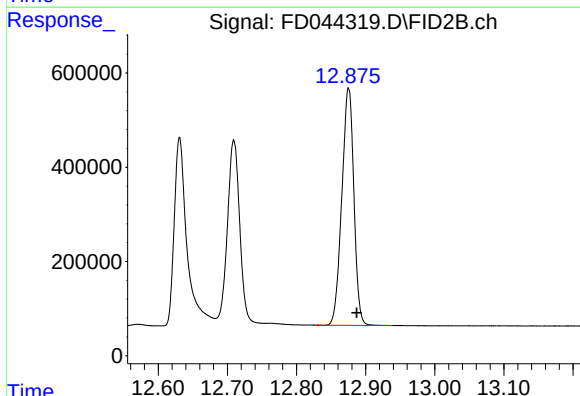
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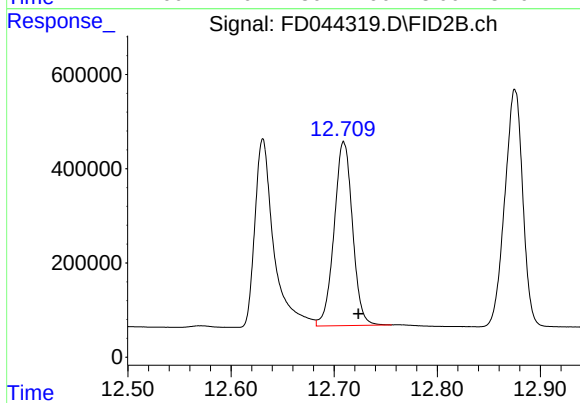
#10 n-Eicosane (C20)

R.T.: 12.270 min
Delta R.T.: -0.011 min
Response: 6179508
Conc: 41.67 ug/ml



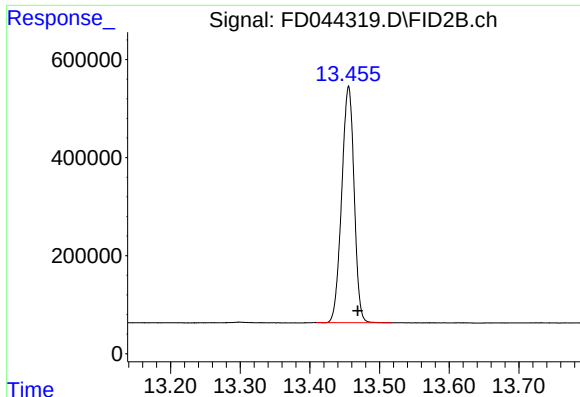
#11 n-Heneicosane (C21)

R.T.: 12.875 min
Delta R.T.: -0.012 min
Response: 6104528
Conc: 40.69 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.709 min
Delta R.T.: -0.014 min
Response: 4835111
Conc: 38.45 ug/ml



#13 n-Docosane (C22)

R.T.: 13.456 min
Delta R.T.: -0.013 min
Response: 5977300
Conc: 39.76 ug/ml

Instrument :

FID_D

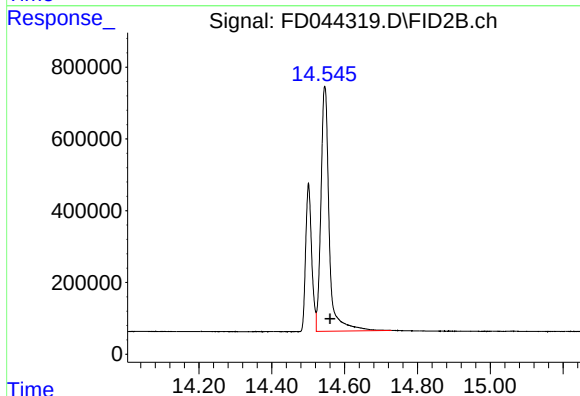
ClientSampleId :

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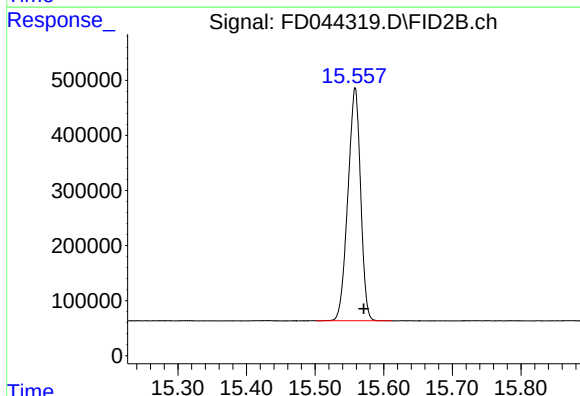
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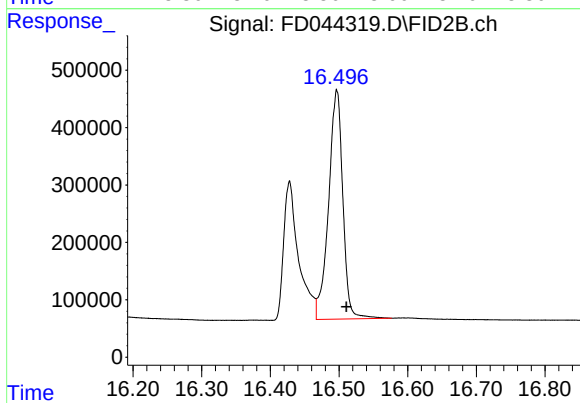
#14 n-Tetracosane (C24)

R.T.: 14.546 min
Delta R.T.: -0.015 min
Response: 10786349
Conc: 71.46 ug/ml



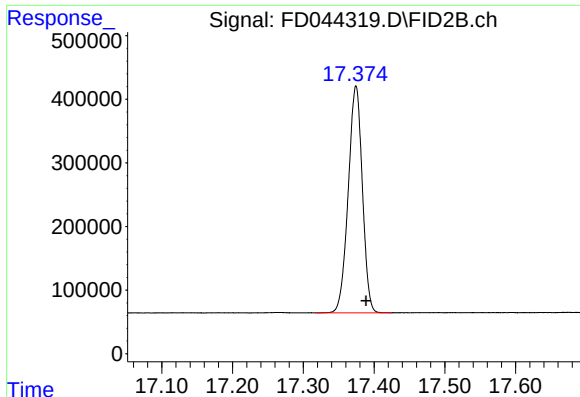
#15 n-Hexacosane (C26)

R.T.: 15.558 min
Delta R.T.: -0.012 min
Response: 5444673
Conc: 35.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.497 min
Delta R.T.: -0.014 min
Response: 5766815
Conc: 38.28 ug/ml



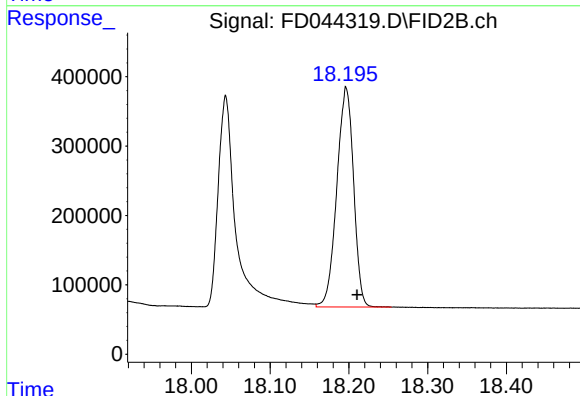
#17 n-Tricontane (C30)

R.T.: 17.375 min
Delta R.T.: -0.014 min
Response: 4941725
Conc: 32.24 ug/ml

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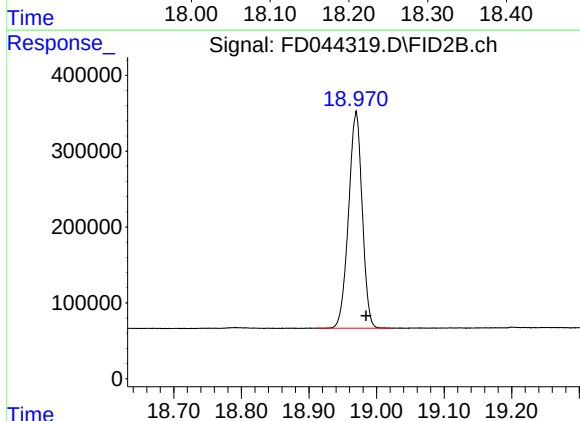
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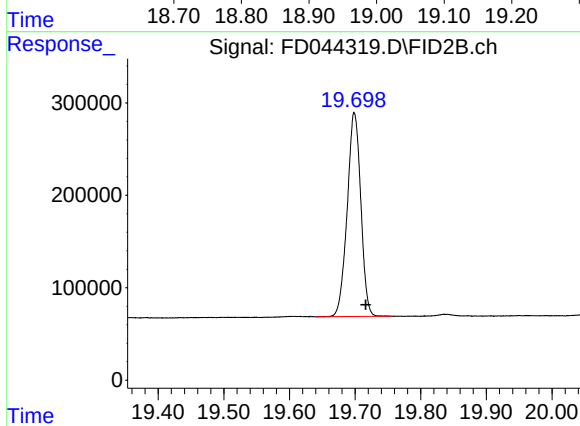
#18 n-Dotriacontane (C32)

R.T.: 18.197 min
Delta R.T.: -0.014 min
Response: 4688720
Conc: 30.57 ug/ml



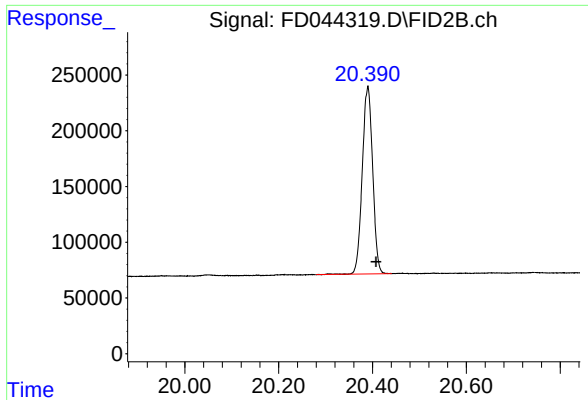
#19 n-Tetratriacontane (C34)

R.T.: 18.970 min
Delta R.T.: -0.015 min
Response: 4002836
Conc: 27.19 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.699 min
Delta R.T.: -0.018 min
Response: 3177033
Conc: 21.67 ug/ml



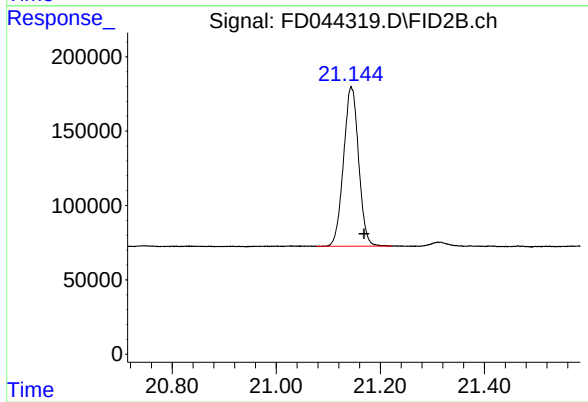
#21 n-Octatriacontane (C38)

R.T.: 20.390 min
Delta R.T.: -0.017 min
Response: 2583788
Conc: 18.52 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.144 min
Delta R.T.: -0.024 min
Response: 2151697
Conc: 16.54 ug/ml