

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010924AL\
 Data File : FD047123.D
 Signal(s) : FID2B.ch
 Acq On : 09 Jan 2024 11:26
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jan 09 13:27:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 09 13:21:57 2024
 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)	11.357	1919112	10.436 ug/ml
Spiked Amount 50.000		Recovery =	20.87%
12) S 1-chlorooctadecane (S...	12.793	1485818	10.455 ug/ml
Spiked Amount 50.000		Recovery =	20.91%
Target Compounds			
1) T n-Nonane (C9)	3.201	1632650	10.421 ug/ml
2) T n-Decane (C10)	4.252	1662167	10.397 ug/ml
3) T A~Naphthalene (C11.7)	5.809	1806134	10.282 ug/ml
4) T n-Dodecane (C12)	6.251	1687552	10.398 ug/ml
5) T A~2-methylnaphthalene...	6.856	1732403	10.183 ug/ml
6) T n-Tetradecane (C14)	8.034	1687654	10.379 ug/ml
7) T n-Hexadecane (C16)	9.624	1750429	10.367 ug/ml
8) T n-Octadecane (C18)	11.055	1791462	10.401 ug/ml
10) T n-Eicosane (C20)	12.355	1755760	10.485 ug/ml
11) T n-Heneicosane (C21)	12.964	1733450	10.479 ug/ml
13) T n-Docosane (C22)	13.544	1729895	10.481 ug/ml
14) T n-Tetracosane (C24)	14.639	1722612	10.473 ug/ml
15) T n-Hexacosane (C26)	15.652	1691573	10.487 ug/ml
16) T n-Octacosane (C28)	16.594	1634827	10.464 ug/ml
17) T n-Tricontane (C30)	17.474	1640482	10.562 ug/ml
18) T n-Dotriacontane (C32)	18.299	1561204	10.559 ug/ml
19) T n-Tetratriacontane (C34)	19.076	1485178	10.614 ug/ml
20) T n-Hexatriacontane (C36)	19.809	1382435	10.551 ug/ml
21) T n-Octatriacontane (C38)	20.506	1320877	10.486 ug/ml
22) T n-Tetracontane (C40)	21.312	1227717	10.259 ug/ml

(f)=RT Delta > 1/2 Window

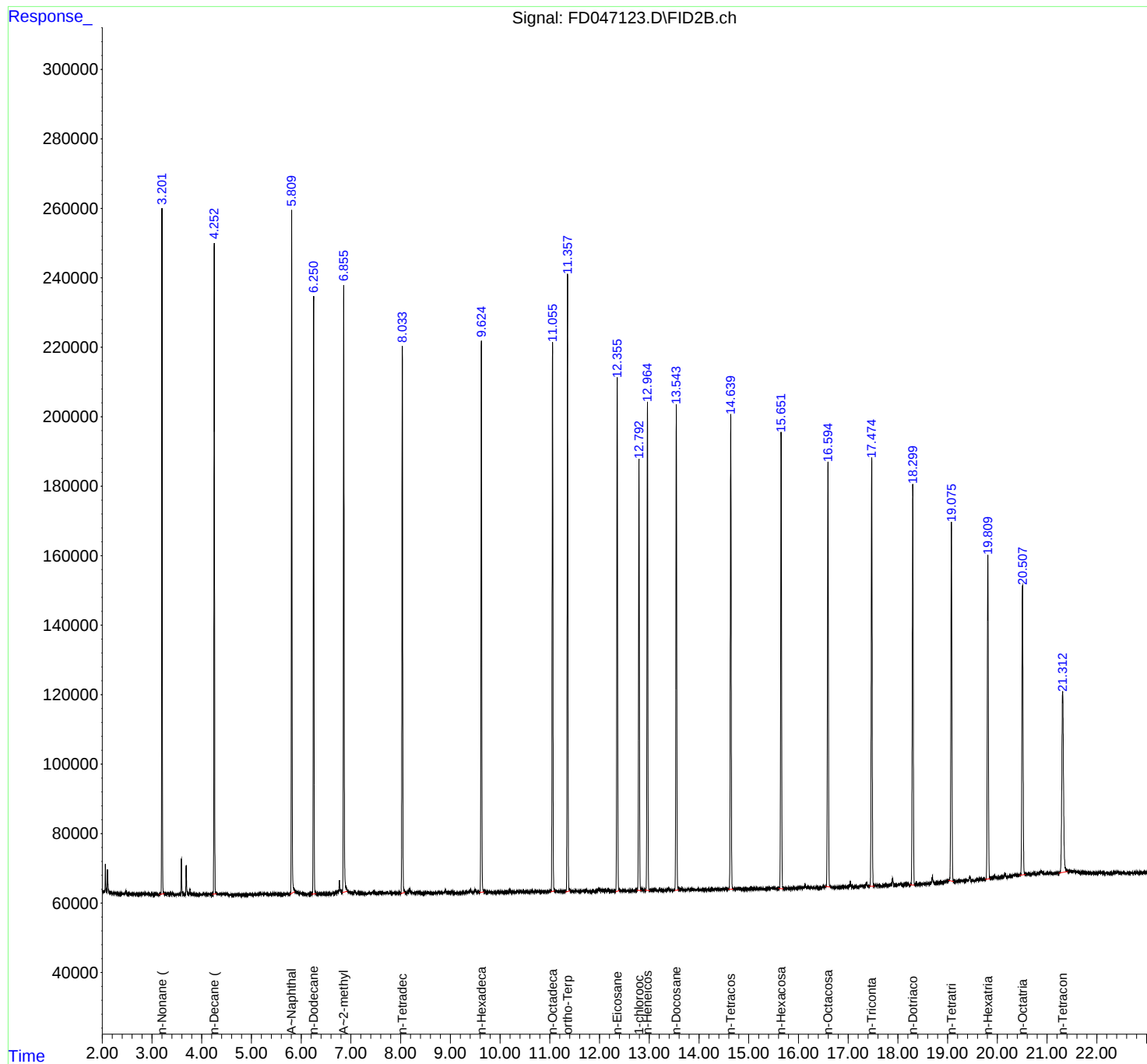
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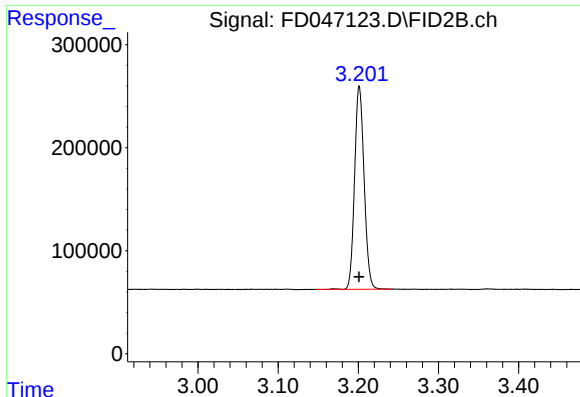
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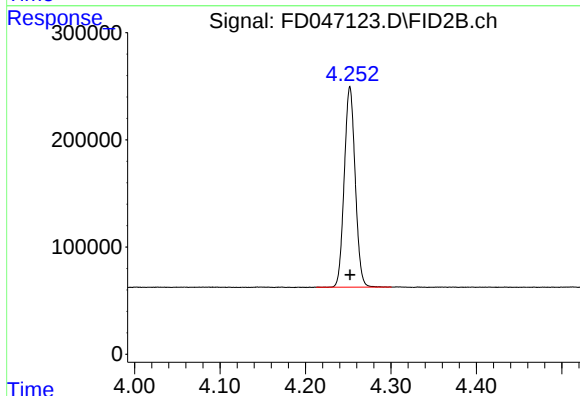




#1 n-Nonane (C9)

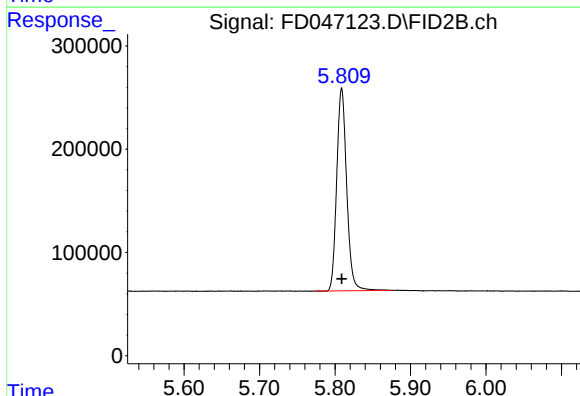
R.T.: 3.201 min
Delta R.T.: 0.000 min
Response: 1632650
Conc: 10.42 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



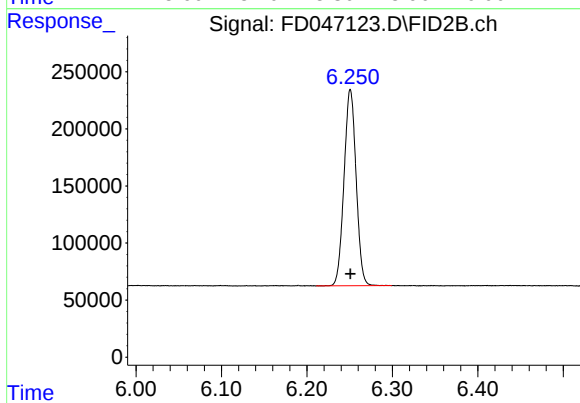
#2 n-Decane (C10)

R.T.: 4.252 min
Delta R.T.: 0.000 min
Response: 1662167
Conc: 10.40 ug/ml



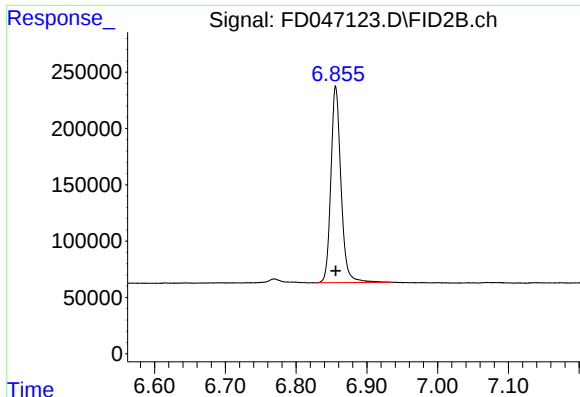
#3 A~Naphthalene (C11.7)

R.T.: 5.809 min
Delta R.T.: 0.000 min
Response: 1806134
Conc: 10.28 ug/ml



#4 n-Dodecane (C12)

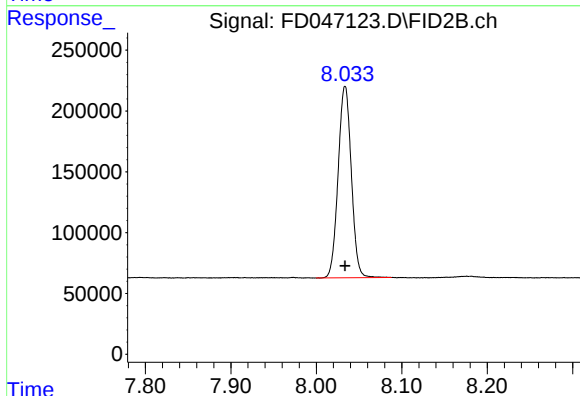
R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 1687552
Conc: 10.40 ug/ml



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

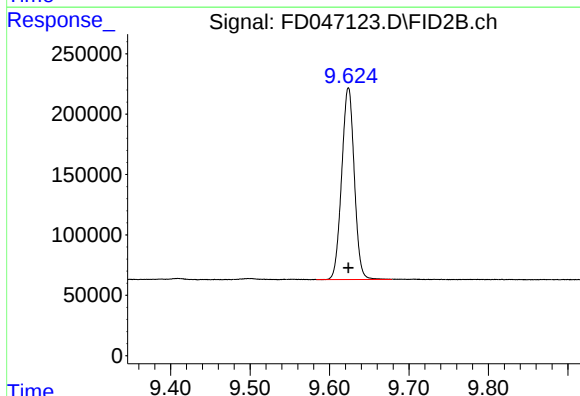
R.T.: 6.856 min
Delta R.T.: 0.000 min
Response: 1732403
Conc: 10.18 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4



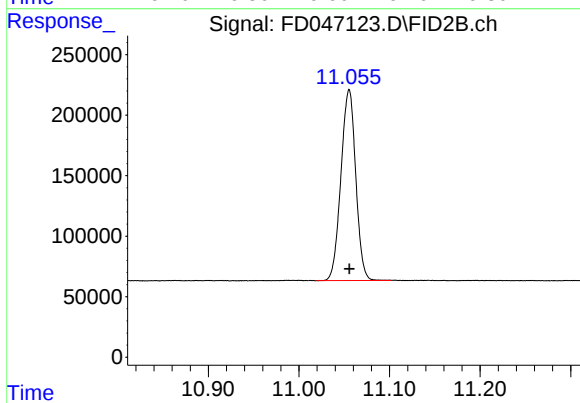
#6 n-Tetradecane (C14)

R.T.: 8.034 min
Delta R.T.: 0.000 min
Response: 1687654
Conc: 10.38 ug/ml



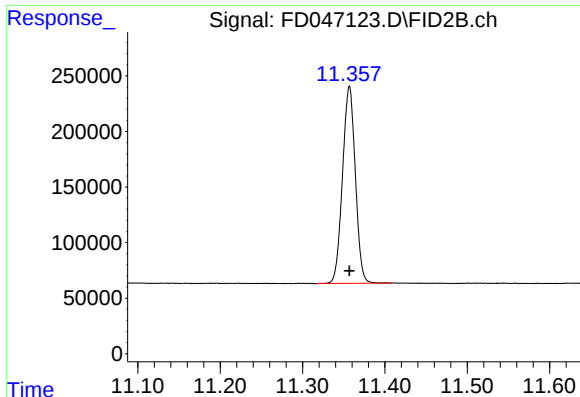
#7 n-Hexadecane (C16)

R.T.: 9.624 min
Delta R.T.: 0.000 min
Response: 1750429
Conc: 10.37 ug/ml



#8 n-Octadecane (C18)

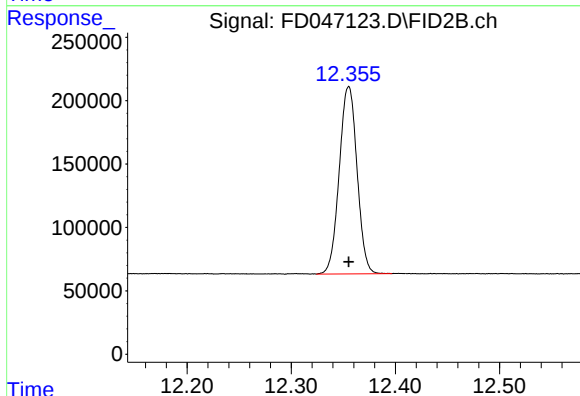
R.T.: 11.055 min
Delta R.T.: 0.000 min
Response: 1791462
Conc: 10.40 ug/ml



#9 ortho-Terphenyl (SURR)

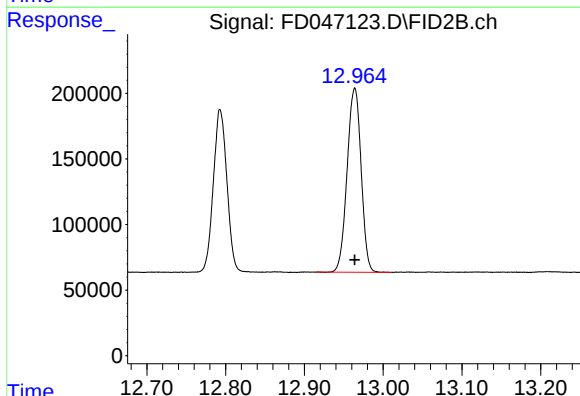
R.T.: 11.357 min
Delta R.T.: 0.000 min
Response: 1919112
Conc: 10.44 ug/ml

Instrument :
FID_D
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10 PPM ALIPHATIC HC STD4



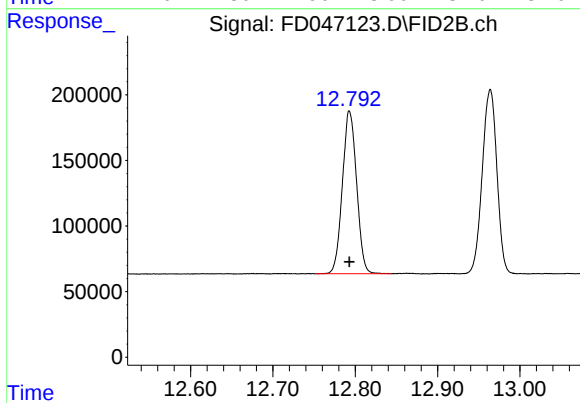
#10 n-Eicosane (C20)

R.T.: 12.355 min
Delta R.T.: 0.000 min
Response: 1755760
Conc: 10.49 ug/ml



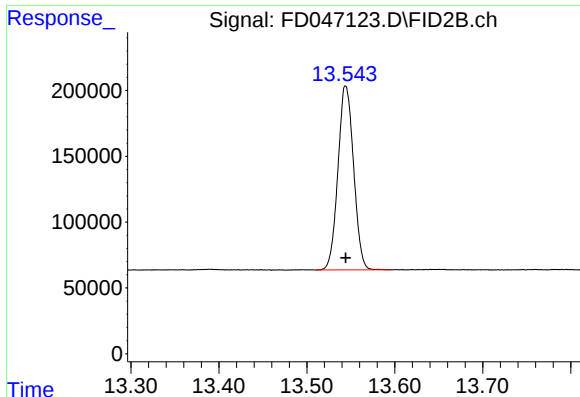
#11 n-Heneicosane (C21)

R.T.: 12.964 min
Delta R.T.: 0.000 min
Response: 1733450
Conc: 10.48 ug/ml



#12 1-chlorooctadecane (SURR)

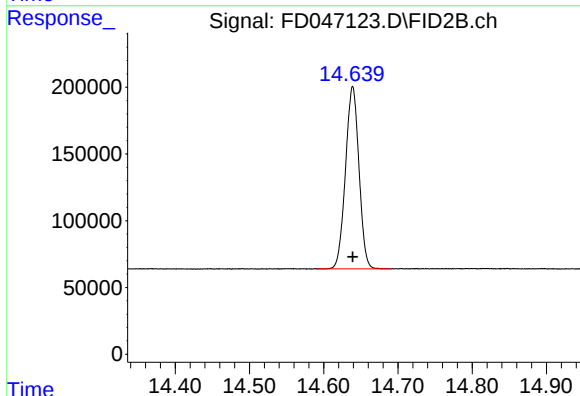
R.T.: 12.793 min
Delta R.T.: 0.000 min
Response: 1485818
Conc: 10.45 ug/ml



#13 n-Docosane (C22)

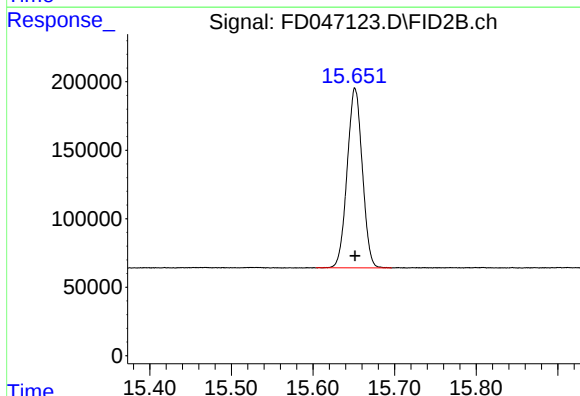
R.T.: 13.544 min
Delta R.T.: 0.000 min
Response: 1729895
Conc: 10.48 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



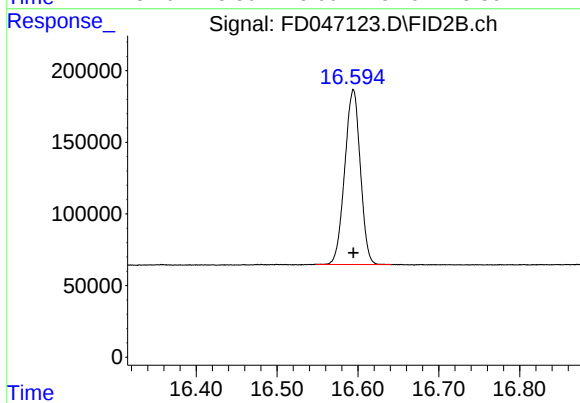
#14 n-Tetracosane (C24)

R.T.: 14.639 min
Delta R.T.: 0.000 min
Response: 1722612
Conc: 10.47 ug/ml



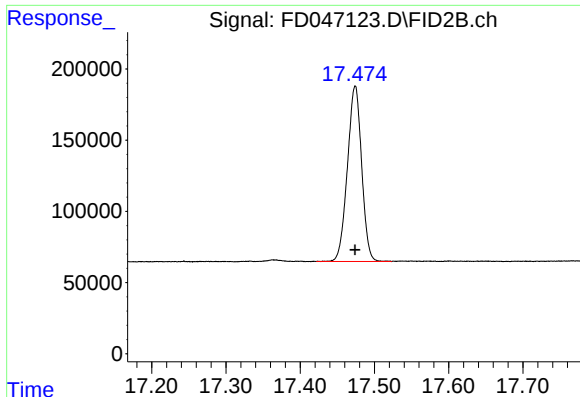
#15 n-Hexacosane (C26)

R.T.: 15.652 min
Delta R.T.: 0.000 min
Response: 1691573
Conc: 10.49 ug/ml



#16 n-Octacosane (C28)

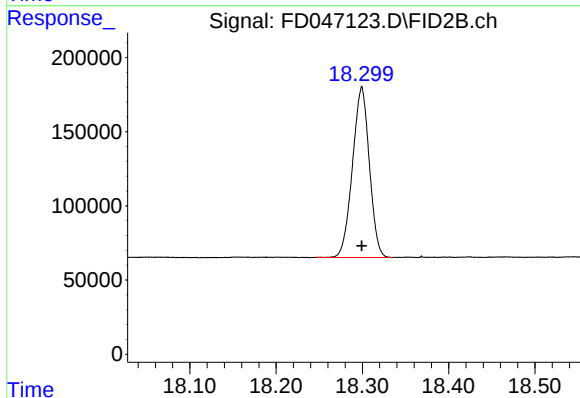
R.T.: 16.594 min
Delta R.T.: 0.000 min
Response: 1634827
Conc: 10.46 ug/ml



#17 n-Tricontane (C30)

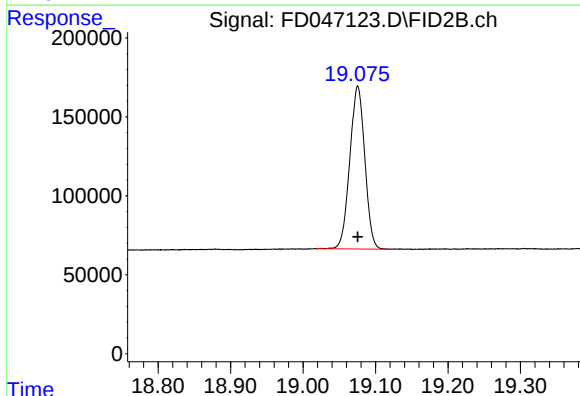
R.T.: 17.474 min
Delta R.T.: 0.000 min
Response: 1640482
Conc: 10.56 ug/ml

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10 PPM ALIPHATIC HC STD4



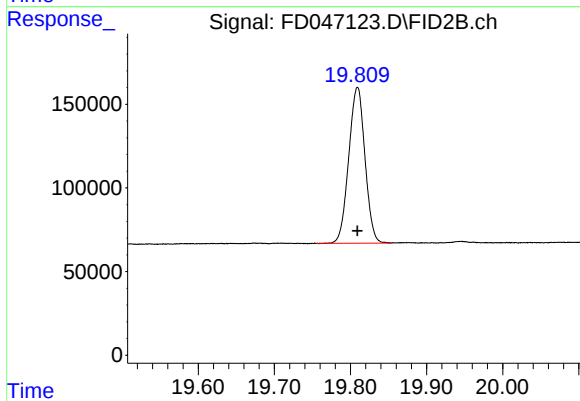
#18 n-Dotriacontane (C32)

R.T.: 18.299 min
Delta R.T.: 0.000 min
Response: 1561204
Conc: 10.56 ug/ml



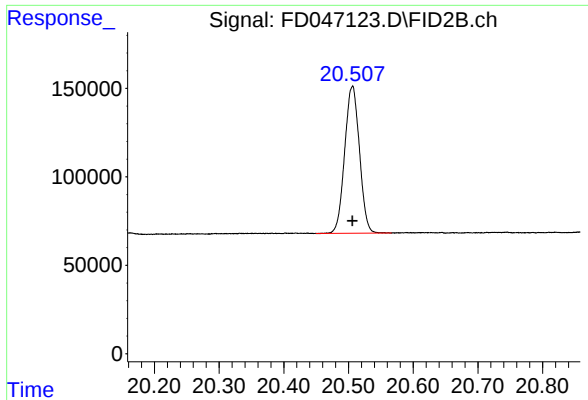
#19 n-Tetratriacontane (C34)

R.T.: 19.076 min
Delta R.T.: 0.000 min
Response: 1485178
Conc: 10.61 ug/ml



#20 n-Hexatriacontane (C36)

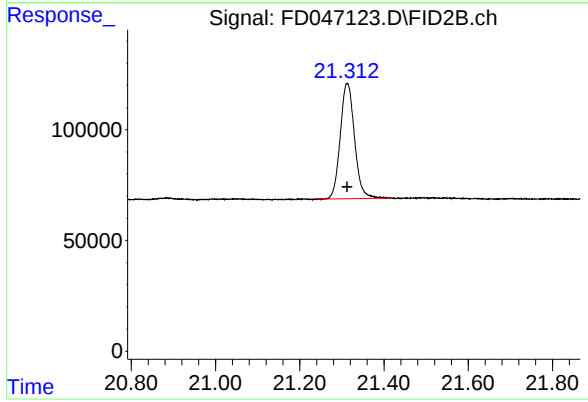
R.T.: 19.809 min
Delta R.T.: 0.000 min
Response: 1382435
Conc: 10.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.506 min
Delta R.T.: 0.000 min
Response: 1320877
Conc: 10.49 ug/ml

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FID_D
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10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.312 min
Delta R.T.: 0.000 min
Response: 1227717
Conc: 10.26 ug/ml