

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101123AL\
 Data File : FD046728.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2023 23:37
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Oct 11 04:13:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 11 04:12:57 2023
 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)	11.379	4245592	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.814	3171927	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.214	3241190	20.000 ug/ml
2) T n-Decane (C10)	4.267	3279695	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.826	3654410	20.000 ug/ml
4) T n-Dodecane (C12)	6.268	3317264	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.875	3597954	20.000 ug/ml
6) T n-Tetradecane (C14)	8.052	3301741	20.000 ug/ml
7) T n-Hexadecane (C16)	9.643	3405415	20.000 ug/ml
8) T n-Octadecane (C18)	11.075	3507332	20.000 ug/ml
10) T n-Eicosane (C20)	12.375	3486016	20.000 ug/ml
11) T n-Heneicosane (C21)	12.983	3485979	20.000 ug/ml
13) T n-Docosane (C22)	13.566	3494694	20.000 ug/ml
14) T n-Tetracosane (C24)	14.660	3501266	20.000 ug/ml
15) T n-Hexacosane (C26)	15.674	3391037	20.000 ug/ml
16) T n-Octacosane (C28)	16.616	3277376	20.000 ug/ml
17) T n-Tricontane (C30)	17.497	3214077	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.322	3070912	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.099	2882447	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.833	2761499	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.532	2640486	20.000 ug/ml
22) T n-Tetracontane (C40)	21.343	2534749	20.000 ug/ml

(f)=RT Delta > 1/2 Window

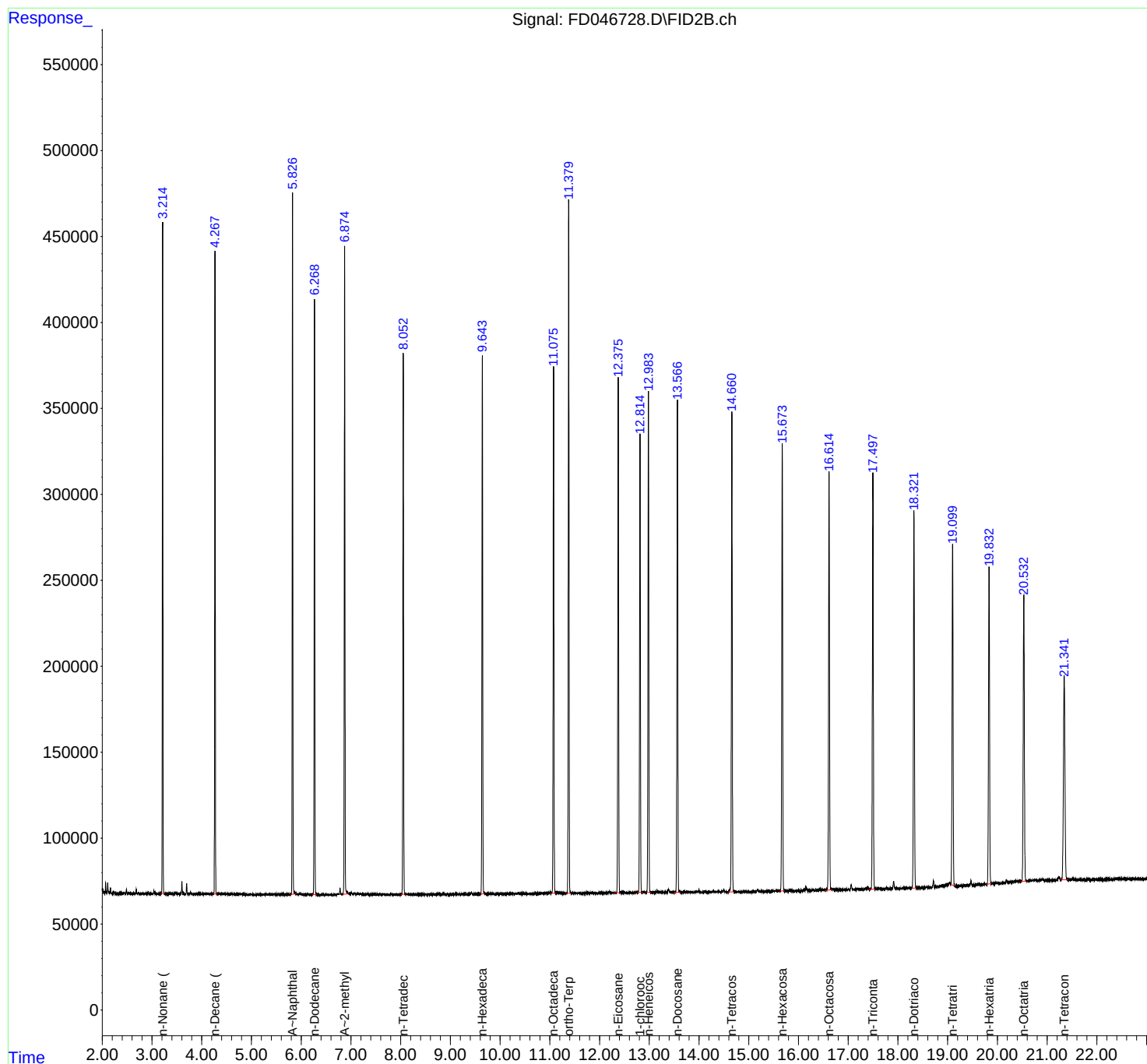
(m)=manual int.

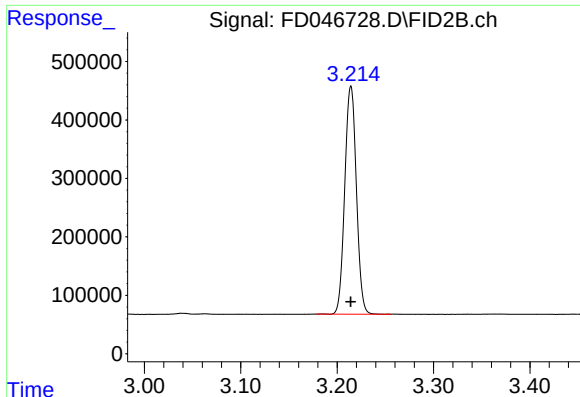
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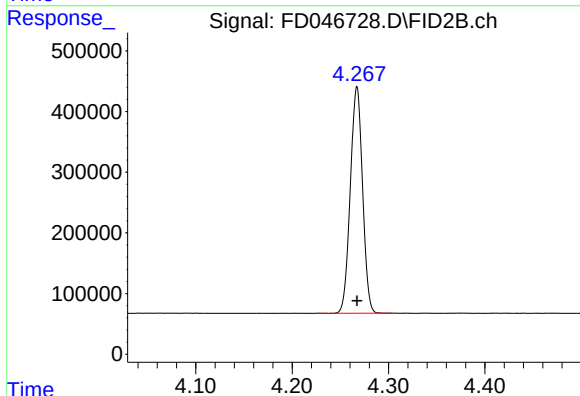




#1 n-Nonane (C9)

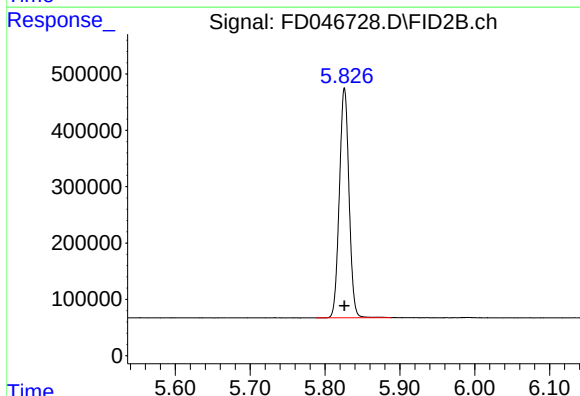
R.T.: 3.214 min
Delta R.T.: 0.000 min
Response: 3241190
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



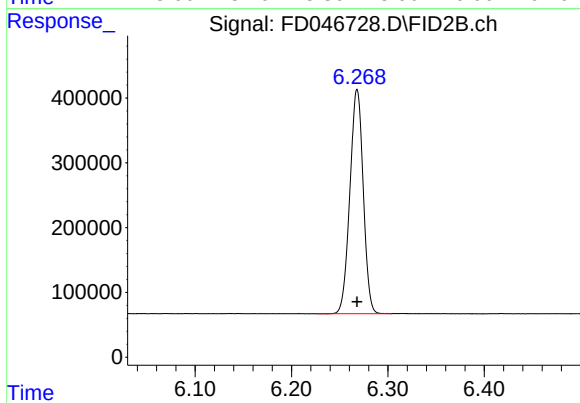
#2 n-Decane (C10)

R.T.: 4.267 min
Delta R.T.: 0.000 min
Response: 3279695
Conc: 20.00 ug/ml



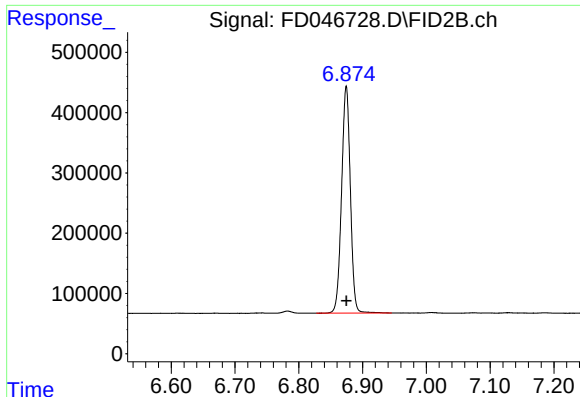
#3 A~Naphthalene (C11.7)

R.T.: 5.826 min
Delta R.T.: 0.000 min
Response: 3654410
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

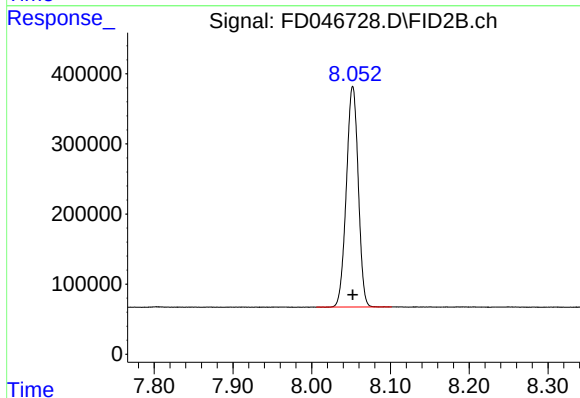
R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 3317264
Conc: 20.00 ug/ml



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

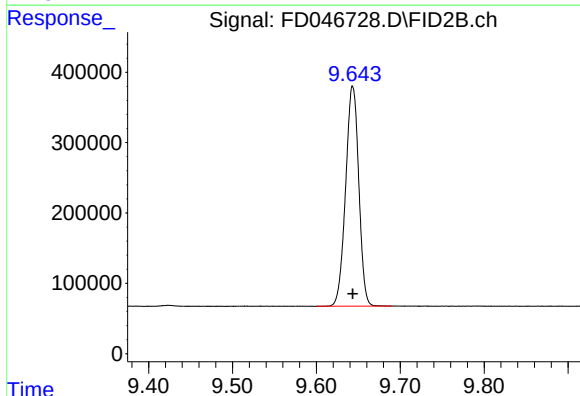
R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 3597954
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD3



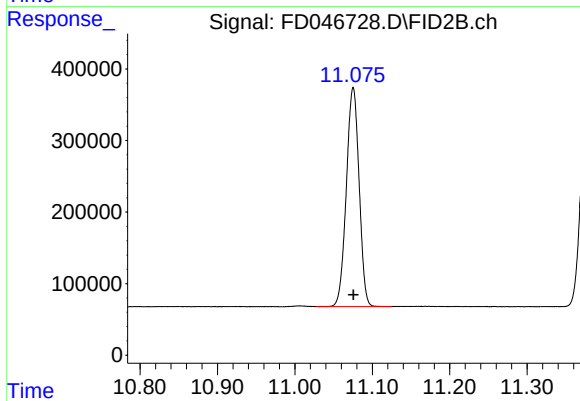
#6 n-Tetradecane (C14)

R.T.: 8.052 min
Delta R.T.: 0.000 min
Response: 3301741
Conc: 20.00 ug/ml



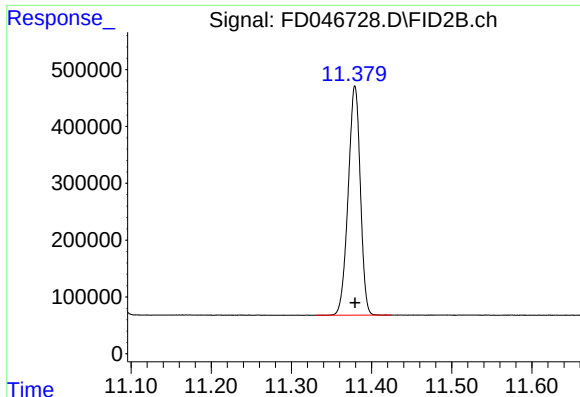
#7 n-Hexadecane (C16)

R.T.: 9.643 min
Delta R.T.: 0.000 min
Response: 3405415
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

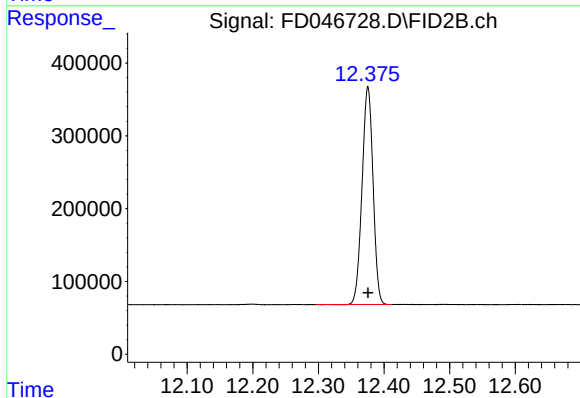
R.T.: 11.075 min
Delta R.T.: 0.000 min
Response: 3507332
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

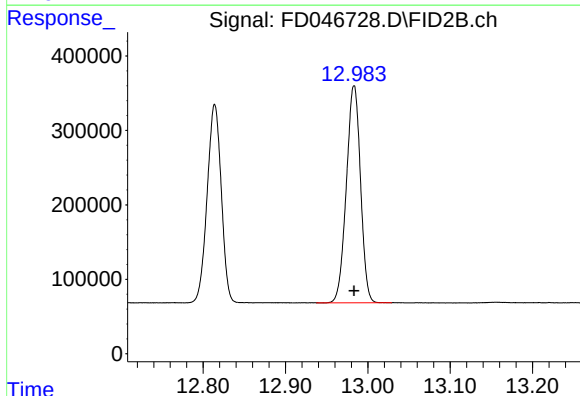
R.T.: 11.379 min
Delta R.T.: 0.000 min
Response: 4245592
Conc: 20.00 ug/ml

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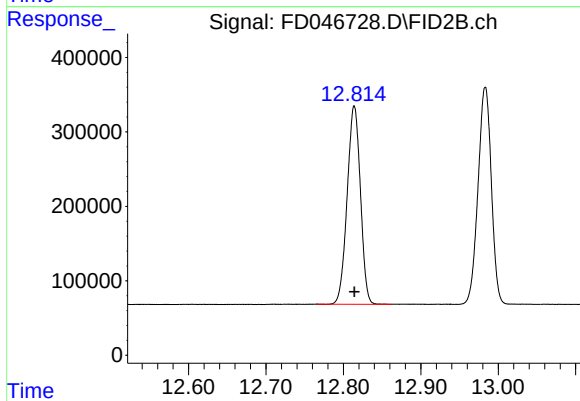
#10 n-Eicosane (C20)

R.T.: 12.375 min
Delta R.T.: 0.000 min
Response: 3486016
Conc: 20.00 ug/ml



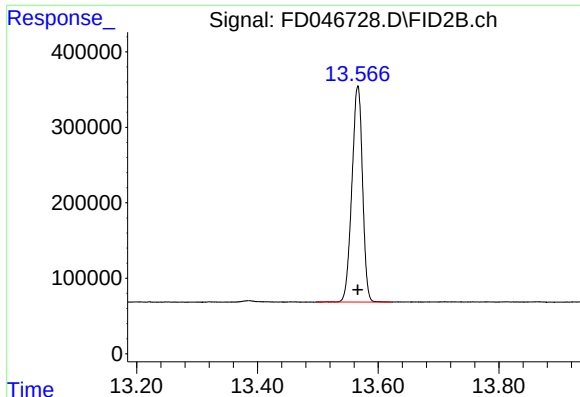
#11 n-Heneicosane (C21)

R.T.: 12.983 min
Delta R.T.: 0.000 min
Response: 3485979
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

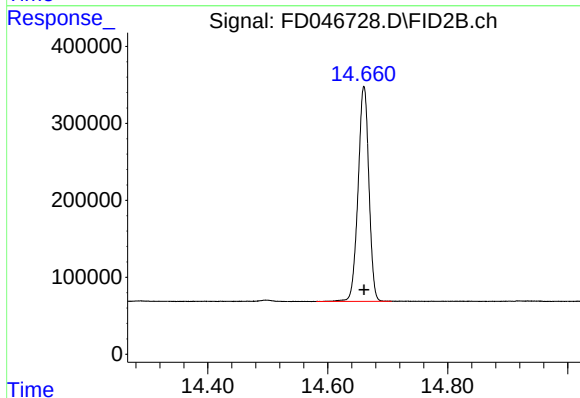
R.T.: 12.814 min
Delta R.T.: 0.000 min
Response: 3171927
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

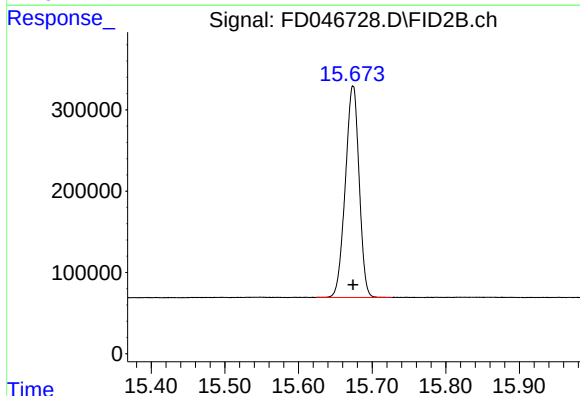
R.T.: 13.566 min
Delta R.T.: 0.000 min
Response: 3494694
Conc: 20.00 ug/ml

Instrument :
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ClientSampleId :
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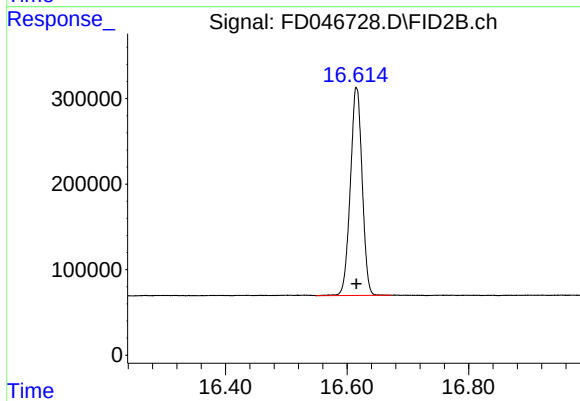
#14 n-Tetracosane (C24)

R.T.: 14.660 min
Delta R.T.: 0.000 min
Response: 3501266
Conc: 20.00 ug/ml



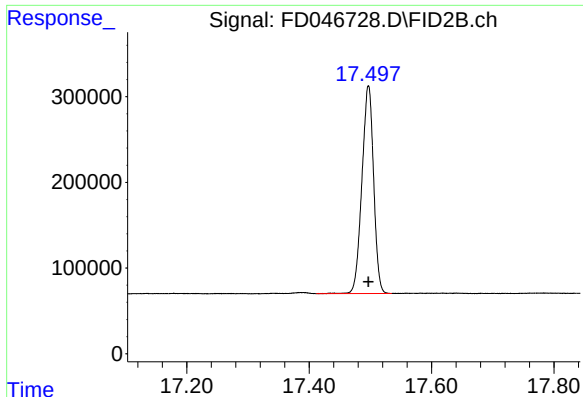
#15 n-Hexacosane (C26)

R.T.: 15.674 min
Delta R.T.: 0.000 min
Response: 3391037
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

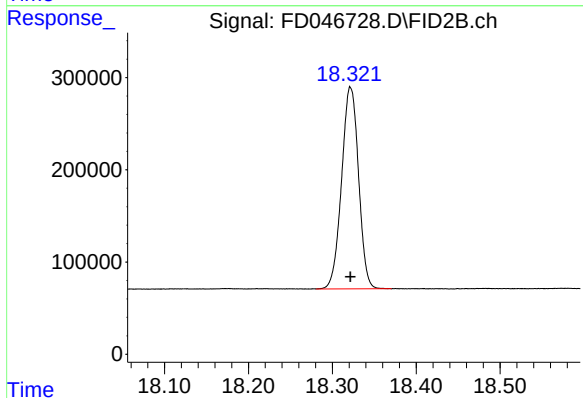
R.T.: 16.616 min
Delta R.T.: 0.000 min
Response: 3277376
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

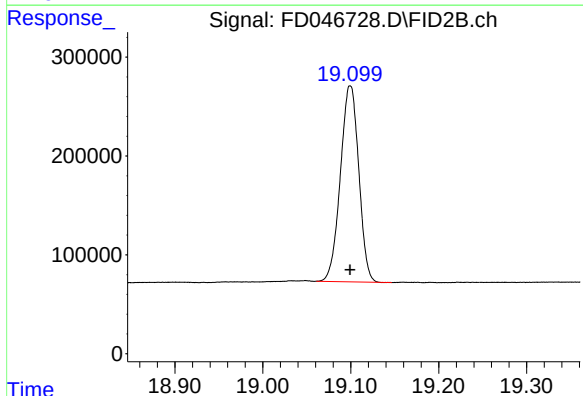
R.T.: 17.497 min
Delta R.T.: 0.000 min
Response: 3214077
Conc: 20.00 ug/ml

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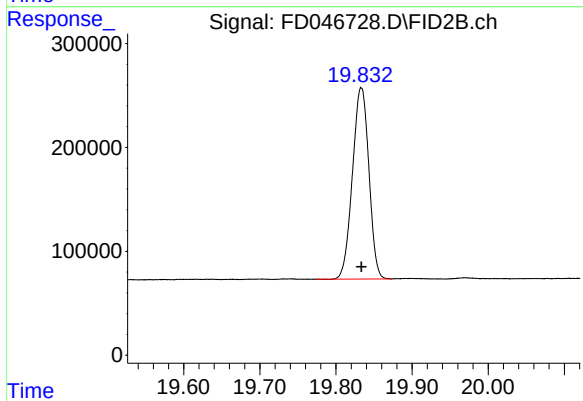
#18 n-Dotriacontane (C32)

R.T.: 18.322 min
Delta R.T.: 0.000 min
Response: 3070912
Conc: 20.00 ug/ml



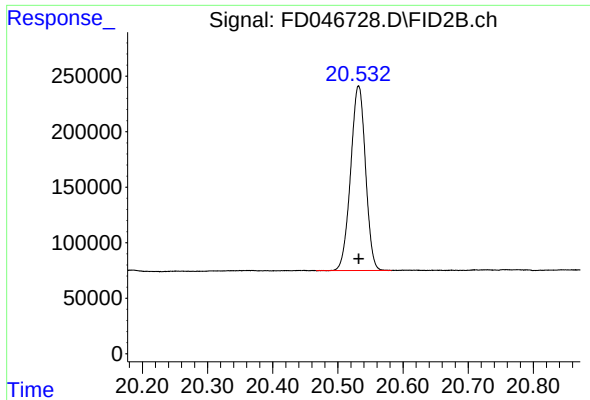
#19 n-Tetratriacontane (C34)

R.T.: 19.099 min
Delta R.T.: 0.000 min
Response: 2882447
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

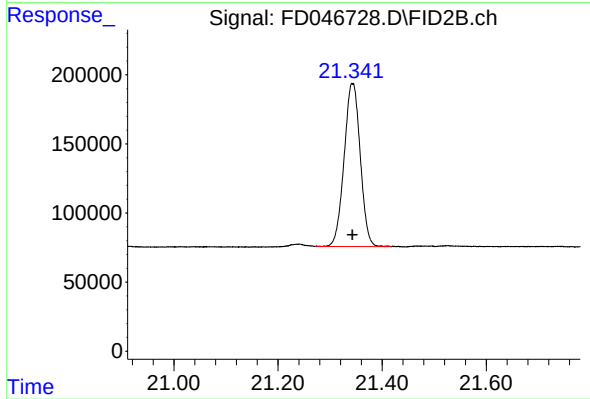
R.T.: 19.833 min
Delta R.T.: 0.000 min
Response: 2761499
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.532 min
Delta R.T.: 0.000 min
Response: 2640486
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.343 min
Delta R.T.: 0.000 min
Response: 2534749
Conc: 20.00 ug/ml