

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082823AL\
 Data File : FF013405.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2023 18:56
 Operator : YP\AJ
 Sample : PB155138BS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB155138BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :Ankita Jodhani 08/29/2023

Integration File: autoint1.e
 Quant Time: Aug 28 22:21:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:05:52 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)	11.895	7172137	52.201 ug/ml
Spiked Amount 50.000		Recovery =	104.40%
12) S 1-chlorooctadecane (S...	13.333	5671801	54.124 ug/mlm
Spiked Amount 50.000		Recovery =	108.25%
Target Compounds			
1) T n-Nonane (C9)	3.276	1063424	9.952 ug/ml
2) T n-Decane (C10)	4.533	1152012	10.750 ug/ml
3) T A~Naphthalene (C11.7)	6.233	1950467	16.475 ug/ml
4) T n-Dodecane (C12)	6.699	1875533	17.333 ug/ml
5) T A~2-methylnaphthalene...	7.329	3380041	28.516 ug/ml
6) T n-Tetradecane (C14)	8.528	4562873	42.271 ug/ml
7) T n-Hexadecane (C16)	10.135	6095646	56.233 ug/ml
8) T n-Octadecane (C18)	11.579	6539614	59.723 ug/ml
10) T n-Eicosane (C20)	12.890	6814405	62.101 ug/ml
11) T n-Heneicosane (C21)	13.501	6640657	60.443 ug/ml
13) T n-Docosane (C22)	14.088	6655268	60.619 ug/ml
14) T n-Tetracosane (C24)	15.190	5664356	51.557 ug/ml
15) T n-Hexacosane (C26)	16.212	6510675	59.572 ug/ml
16) T n-Octacosane (C28)	17.160	6421427	59.473 ug/ml
17) T n-Tricontane (C30)	18.050	6194129	56.640 ug/ml
18) T n-Dotriacontane (C32)	18.879	5831265	51.623 ug/ml
19) T n-Tetratriacontane (C34)	19.663	5368541	50.541 ug/ml
20) T n-Hexatriacontane (C36)	20.400	4848022	45.995 ug/ml
21) T n-Octatriacontane (C38)	21.129	4809790	47.622 ug/ml
22) T n-Tetracontane (C40)	22.025	4888804	49.188 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M

Quant Title : GC Extractables

QLast Update : Thu Aug 10 16:05:52 2023

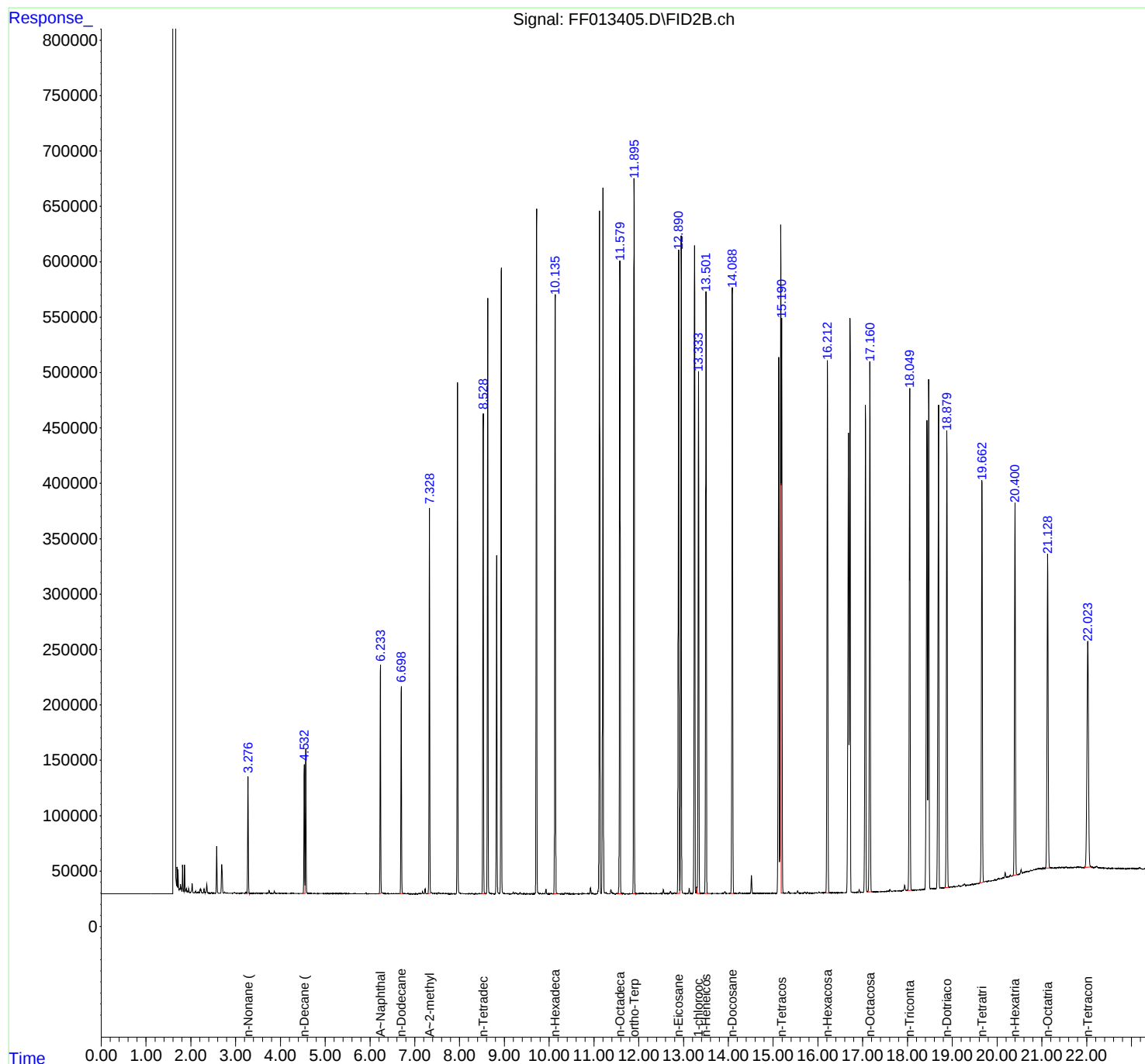
Response via : Initial Calibration

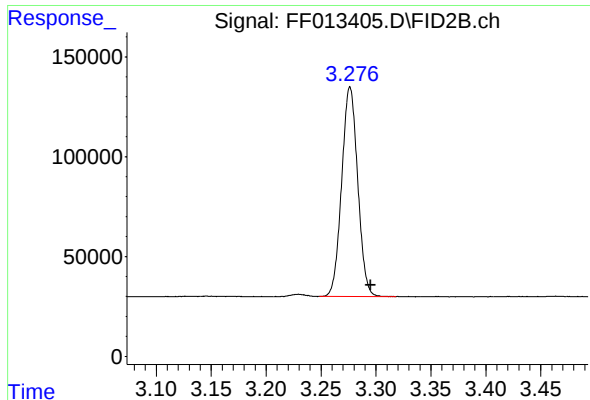
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





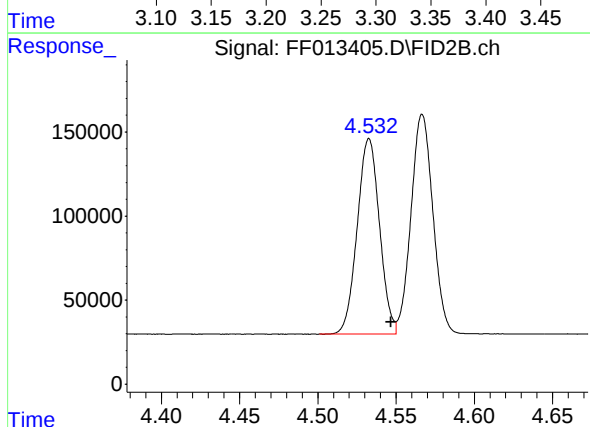
#1 n-Nonane (C9)

R.T.: 3.276 min
Delta R.T.: -0.019 min
Response: 1063424
Conc: 9.95 ug/ml

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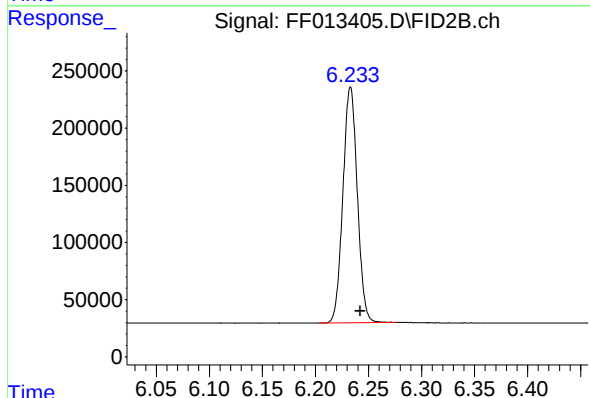
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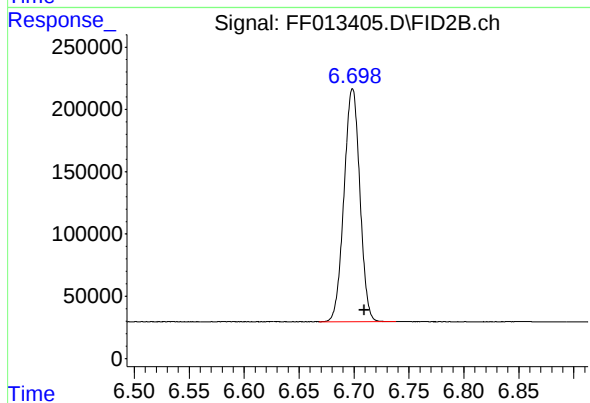
#2 n-Decane (C10)

R.T.: 4.533 min
Delta R.T.: -0.014 min
Response: 1152012
Conc: 10.75 ug/ml



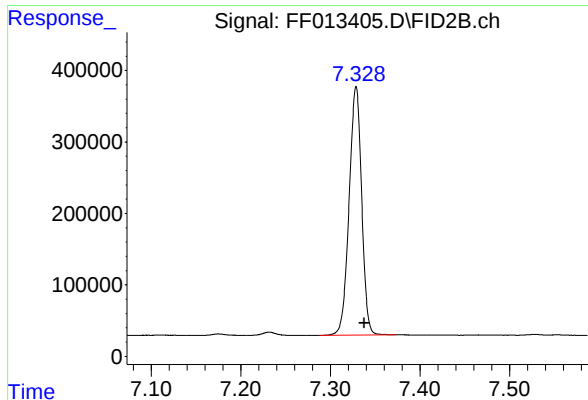
#3 A~Naphthalene (C11.7)

R.T.: 6.233 min
Delta R.T.: -0.009 min
Response: 1950467
Conc: 16.48 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.699 min
Delta R.T.: -0.011 min
Response: 1875533
Conc: 17.33 ug/ml



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

R.T.: 7.329 min
Delta R.T.: -0.009 min
Response: 3380041
Conc: 28.52 ug/ml

Instrument :

FID_F

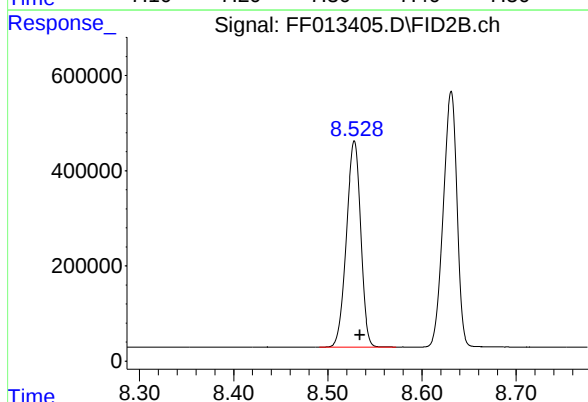
ClientSampleId :

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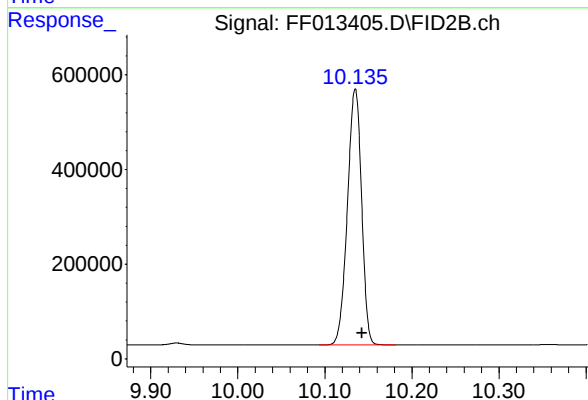
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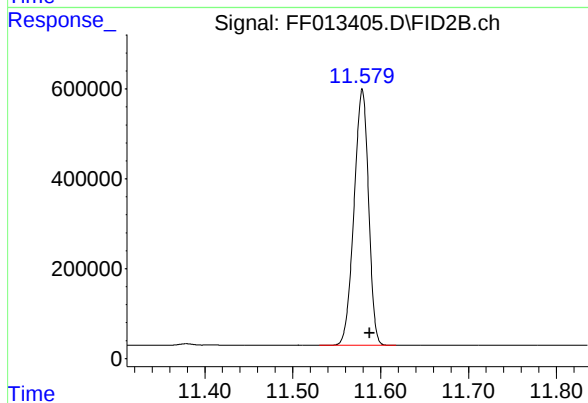
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.006 min
Response: 4562873
Conc: 42.27 ug/ml



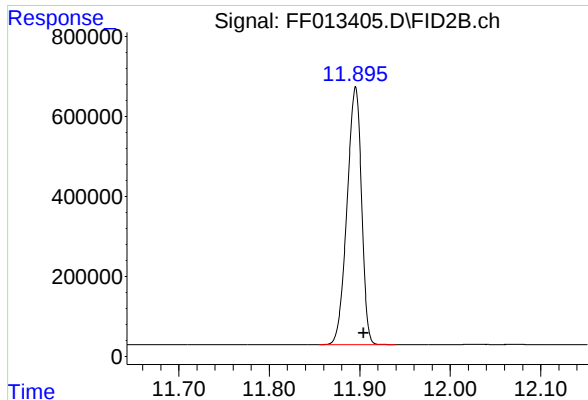
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: -0.008 min
Response: 6095646
Conc: 56.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.579 min
Delta R.T.: -0.008 min
Response: 6539614
Conc: 59.72 ug/ml



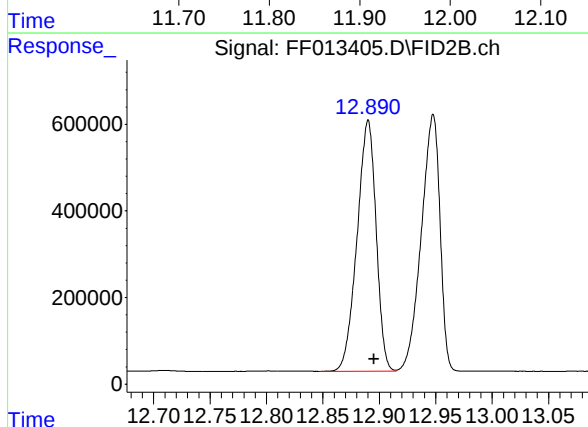
#9 ortho-Terphenyl (SURR)

R.T.: 11.895 min
Delta R.T.: -0.009 min
Response: 7172137
Conc: 52.20 ug/ml

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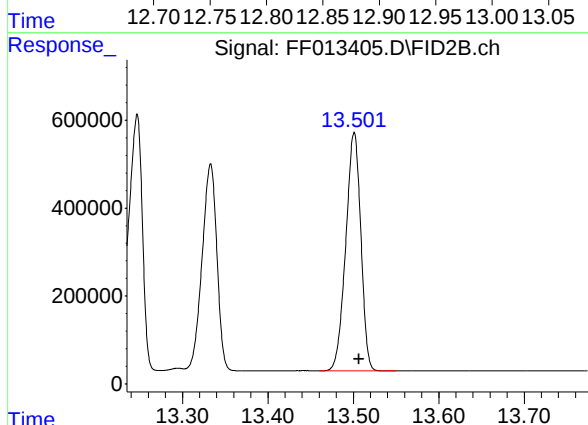
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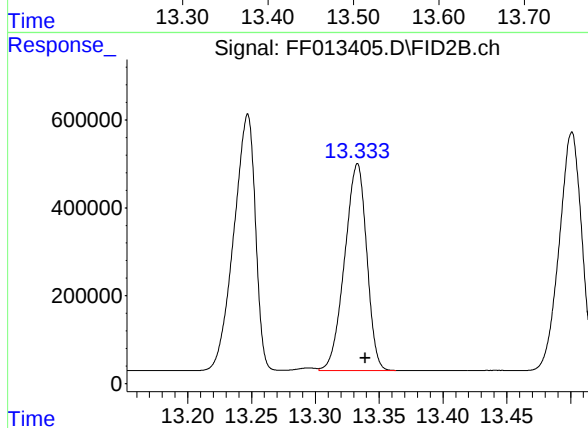
#10 n-Eicosane (C20)

R.T.: 12.890 min
Delta R.T.: -0.005 min
Response: 6814405
Conc: 62.10 ug/ml



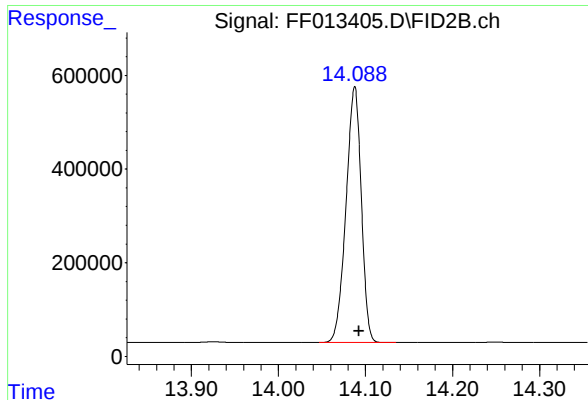
#11 n-Heneicosane (C21)

R.T.: 13.501 min
Delta R.T.: -0.006 min
Response: 6640657
Conc: 60.44 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.333 min
Delta R.T.: -0.007 min
Response: 5671801
Conc: 54.12 ug/ml m



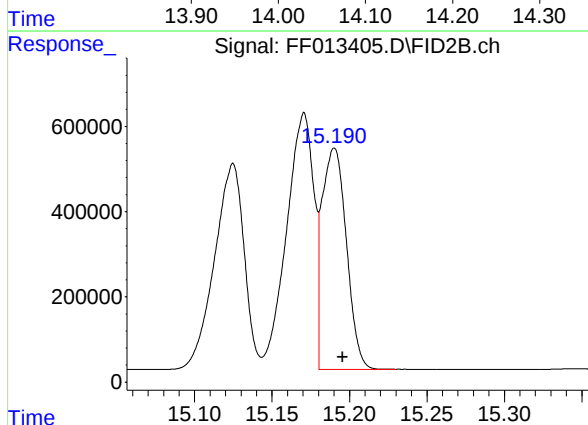
#13 n-Docosane (C22)

R.T.: 14.088 min
Delta R.T.: -0.005 min
Response: 6655268
Conc: 60.62 ug/ml

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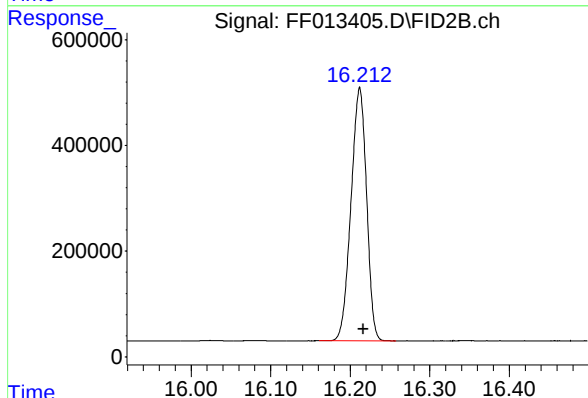
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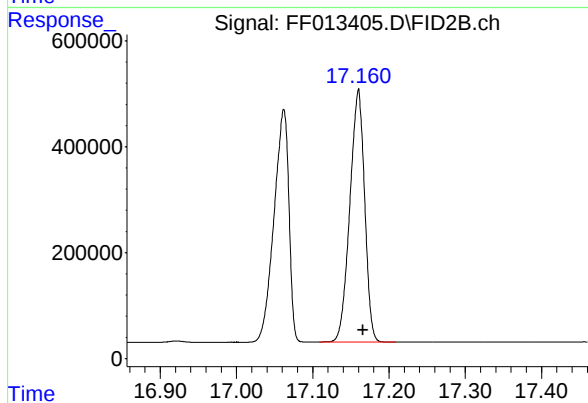
#14 n-Tetracosane (C24)

R.T.: 15.190 min
Delta R.T.: -0.005 min
Response: 5664356
Conc: 51.56 ug/ml



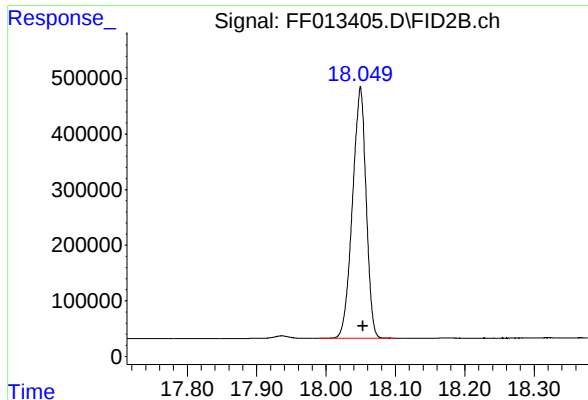
#15 n-Hexacosane (C26)

R.T.: 16.212 min
Delta R.T.: -0.004 min
Response: 6510675
Conc: 59.57 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.160 min
Delta R.T.: -0.006 min
Response: 6421427
Conc: 59.47 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.050 min
Delta R.T.: -0.003 min
Response: 6194129
Conc: 56.64 ug/ml

Instrument :

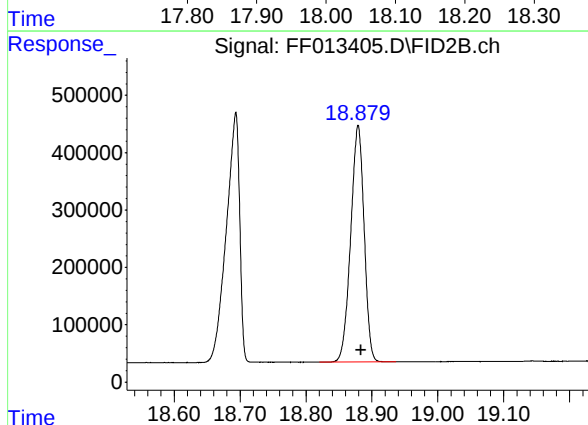
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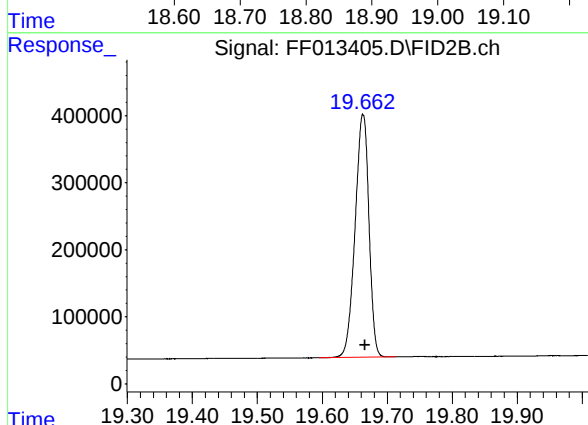
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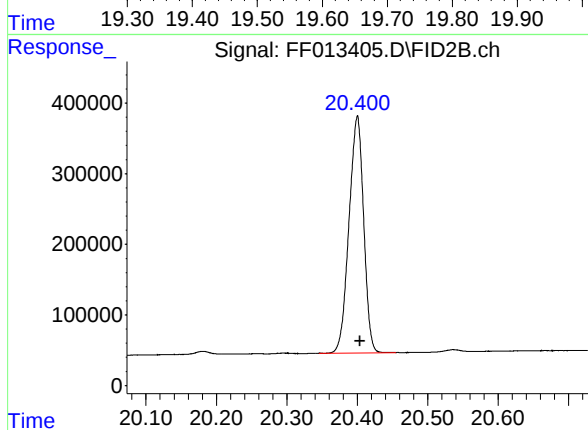
#18 n-Dotriacontane (C32)

R.T.: 18.879 min
Delta R.T.: -0.004 min
Response: 5831265
Conc: 51.62 ug/ml



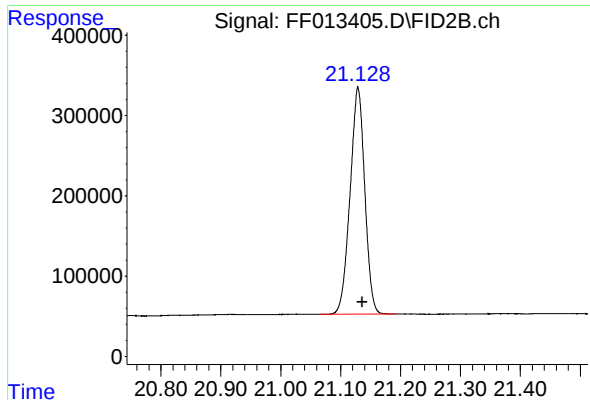
#19 n-Tetratriacontane (C34)

R.T.: 19.663 min
Delta R.T.: -0.003 min
Response: 5368541
Conc: 50.54 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.400 min
Delta R.T.: -0.004 min
Response: 4848022
Conc: 46.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.129 min
Delta R.T.: -0.007 min
Response: 4809790
Conc: 47.62 ug/ml

Instrument :

FID_F

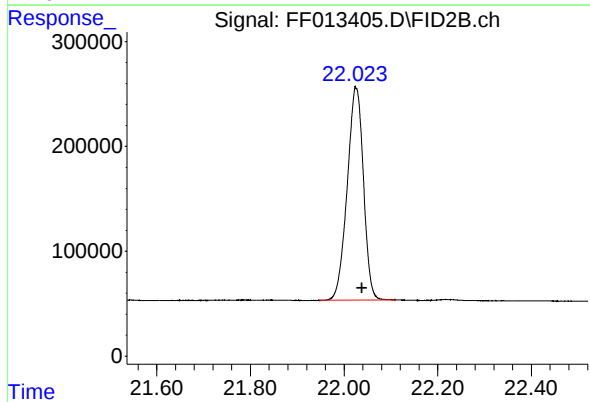
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#22 n-Tetracontane (C40)

R.T.: 22.025 min
Delta R.T.: -0.013 min
Response: 4888804
Conc: 49.19 ug/ml