

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050123AL\
 Data File : FE041642.D
 Signal(s) : FID1B.ch
 Acq On : 01 May 2023 20:47
 Operator : YP\AJ
 Sample : 02557-02MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 JC-03-042823-AMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/02/2023
 Supervised By :Ankita Jodhani 05/02/2023

Integration File: autoint1.e
 Quant Time: May 02 05:28:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.986	5128121	27.334 ug/ml
Spiked Amount 50.000		Recovery =	54.67%
12) S 1-chlorooctadecane (S...	13.422	4357377	30.844 ug/ml
Spiked Amount 50.000		Recovery =	61.69%
Target Compounds			
1) T n-Nonane (C9)	3.361	4512285	30.697 ug/ml
2) T n-Decane (C10)	4.614	5111064	34.078 ug/ml
3) T A~Naphthalene (C11.7)	6.320	6019933	36.377 ug/ml
4) T n-Dodecane (C12)	6.782	5610024	36.897 ug/ml
5) T A~2-methylnaphthalene...	7.418	5932628	36.792 ug/ml
6) T n-Tetradecane (C14)	8.614	5837121	38.426 ug/ml
7) T n-Hexadecane (C16)	10.221	6385140	40.011 ug/ml
8) T n-Octadecane (C18)	11.668	6815548	41.580 ug/ml
10) T n-Eicosane (C20)	12.979	6817472	42.385 ug/ml
11) T n-Heneicosane (C21)	13.591	6663218	41.810 ug/ml
13) T n-Docosane (C22)	14.178	6589006	41.354 ug/ml
14) T n-Tetracosane (C24)	15.273	12278439	76.159 ug/ml
15) T n-Hexacosane (C26)	16.306	6259077	39.590 ug/ml
16) T n-Octacosane (C28)	17.255	6112745	39.726 ug/ml
17) T n-Tricontane (C30)	18.144	6001265	39.403 ug/ml
18) T n-Dotriacontane (C32)	18.976	5802861	38.951 ug/ml
19) T n-Tetratriacontane (C34)	19.761	5760756	40.892 ug/ml
20) T n-Hexatriacontane (C36)	20.502	5433949	40.634 ug/ml
21) T n-Octatriacontane (C38)	21.259	5698908	43.130 ug/ml
22) T n-Tetracontane (C40)	22.207	6047560	47.765 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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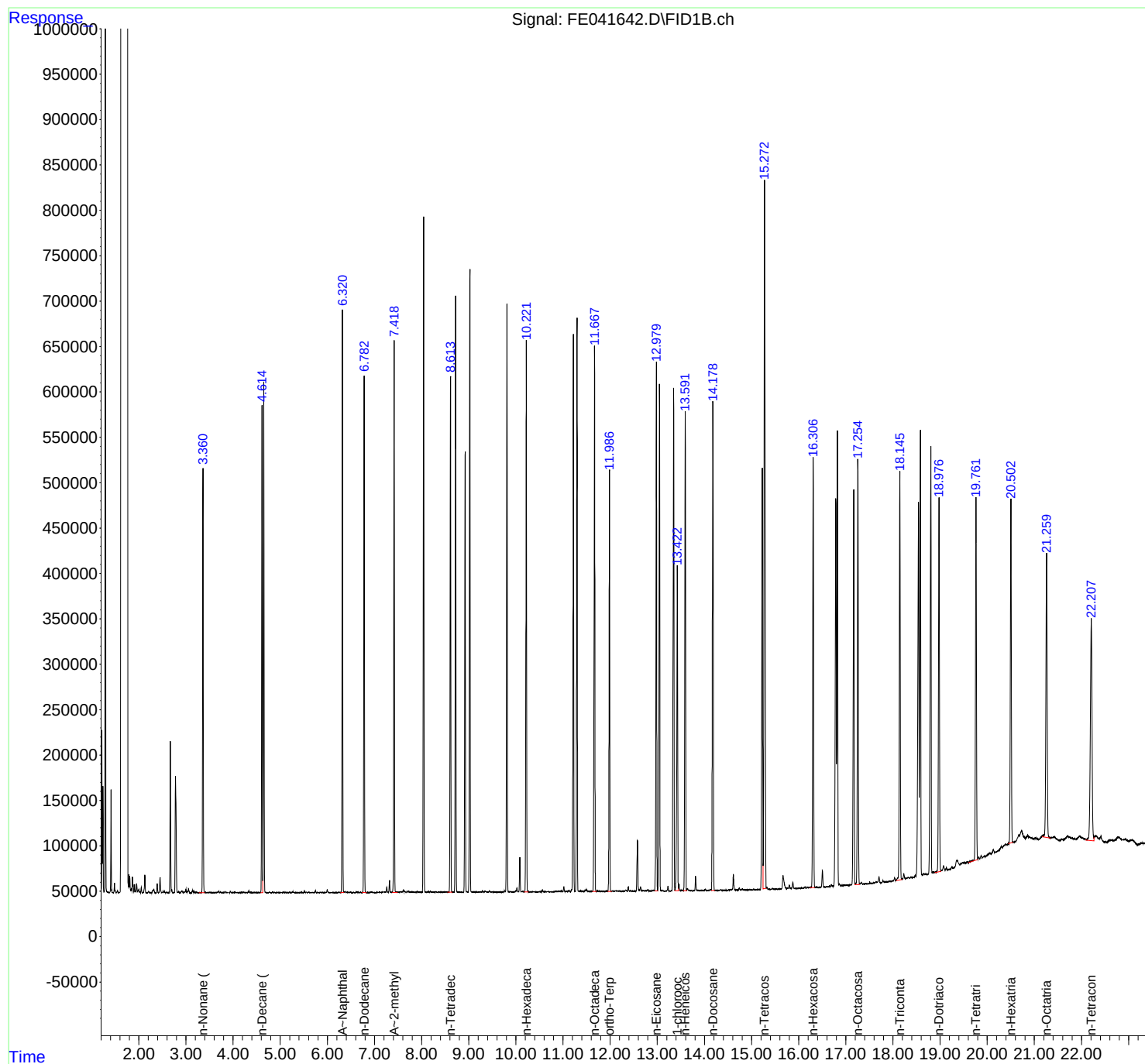
Instrument :
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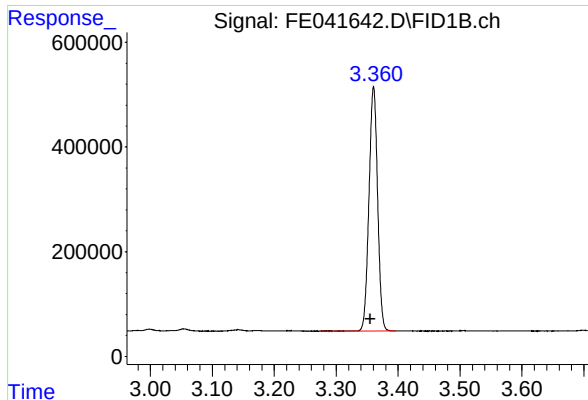
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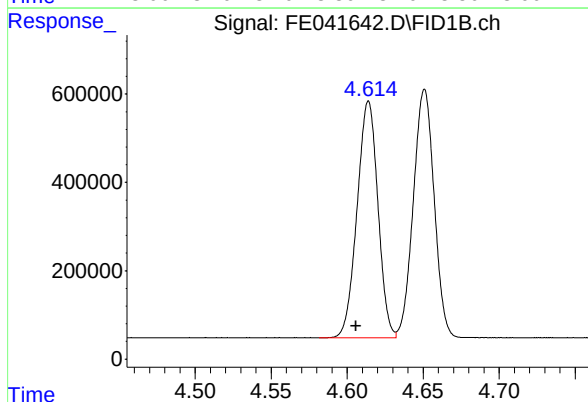
#1 n-Nonane (C9)

R.T.: 3.361 min
Delta R.T.: 0.006 min
Response: 4512285
Conc: 30.70 ug/ml

Instrument : FID_E
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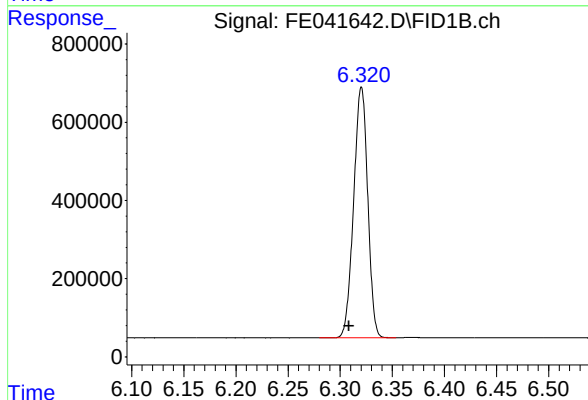
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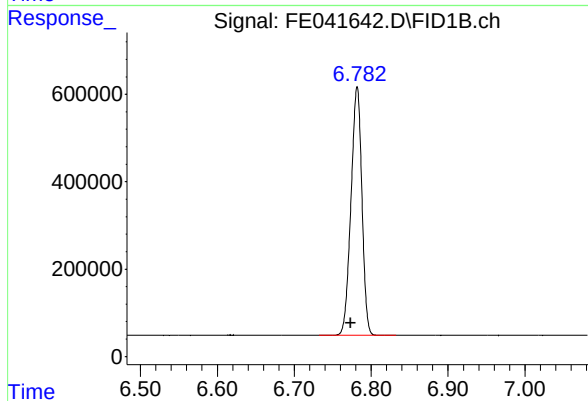
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: 0.008 min
Response: 5111064
Conc: 34.08 ug/ml



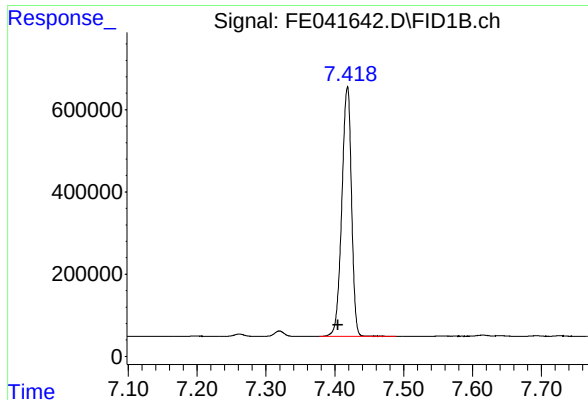
#3 A~Naphthalene (C11.7)

R.T.: 6.320 min
Delta R.T.: 0.012 min
Response: 6019933
Conc: 36.38 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.782 min
Delta R.T.: 0.008 min
Response: 5610024
Conc: 36.90 ug/ml



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

R.T.: 7.418 min
Delta R.T.: 0.014 min
Response: 5932628
Conc: 36.79 ug/ml

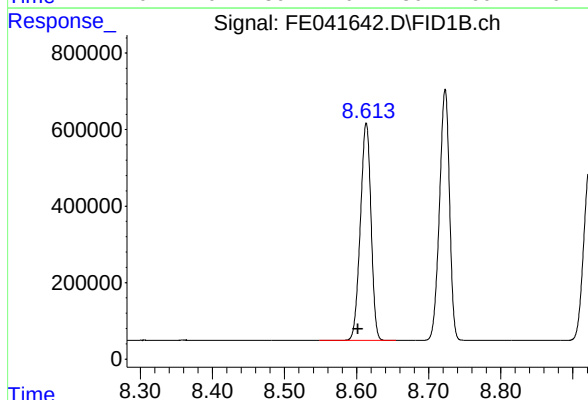
Instrument :

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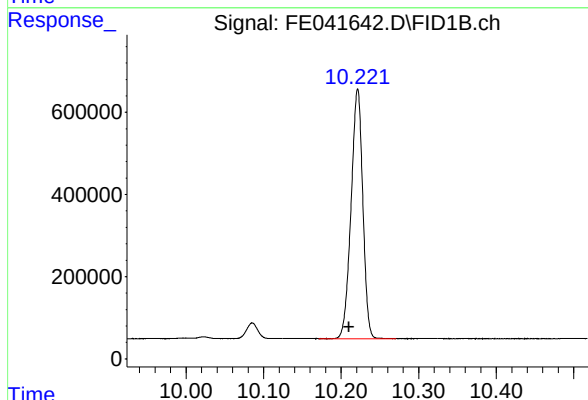
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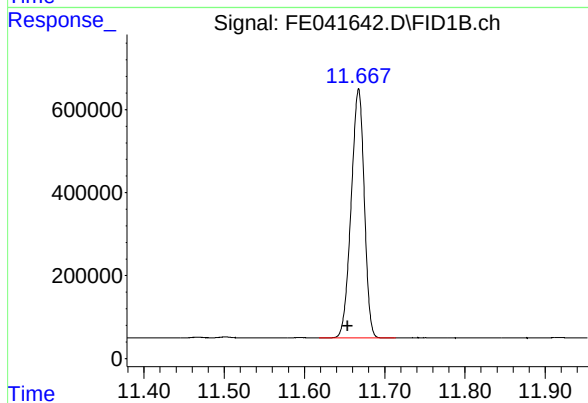
#6 n-Tetradecane (C14)

R.T.: 8.614 min
Delta R.T.: 0.011 min
Response: 5837121
Conc: 38.43 ug/ml



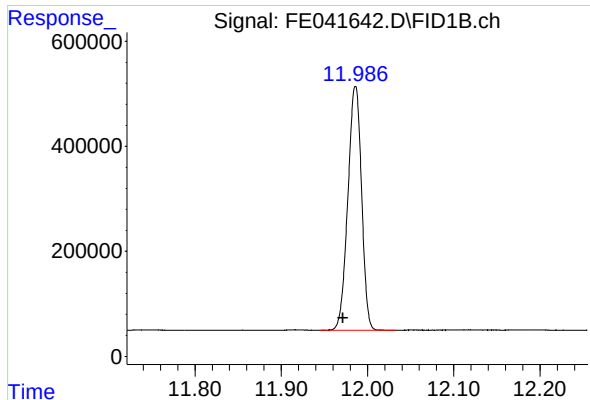
#7 n-Hexadecane (C16)

R.T.: 10.221 min
Delta R.T.: 0.012 min
Response: 6385140
Conc: 40.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.668 min
Delta R.T.: 0.014 min
Response: 6815548
Conc: 41.58 ug/ml



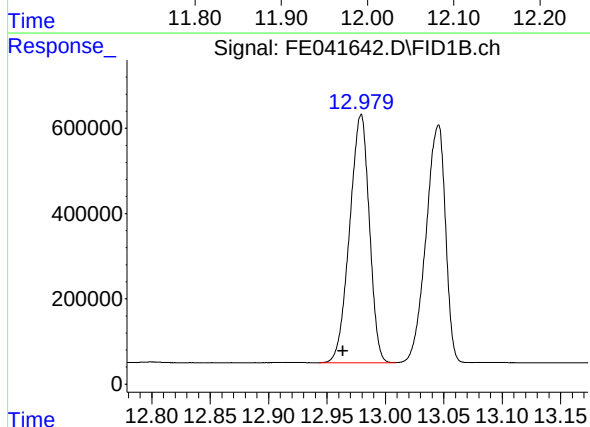
#9 ortho-Terphenyl (SURR)

R.T.: 11.986 min
Delta R.T.: 0.014 min
Response: 5128121
Conc: 27.33 ug/ml

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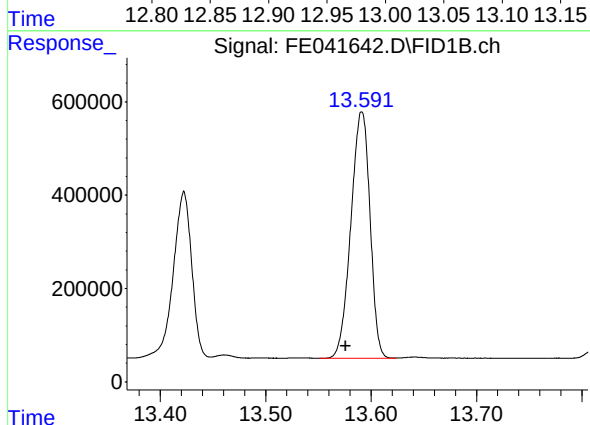
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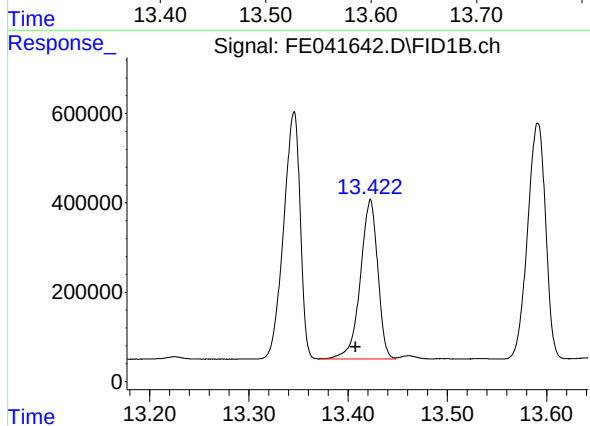
#10 n-Eicosane (C20)

R.T.: 12.979 min
Delta R.T.: 0.016 min
Response: 6817472
Conc: 42.39 ug/ml



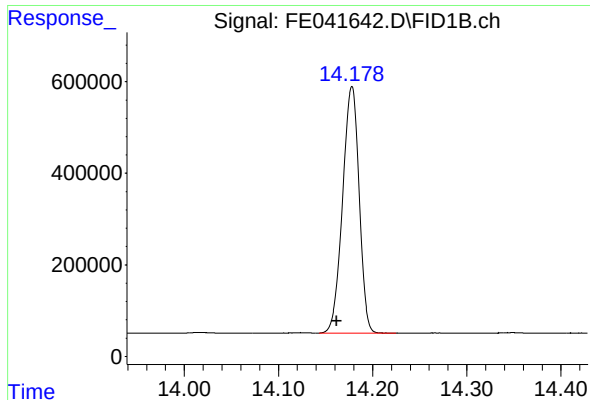
#11 n-Heneicosane (C21)

R.T.: 13.591 min
Delta R.T.: 0.015 min
Response: 6663218
Conc: 41.81 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.422 min
Delta R.T.: 0.015 min
Response: 4357377
Conc: 30.84 ug/ml



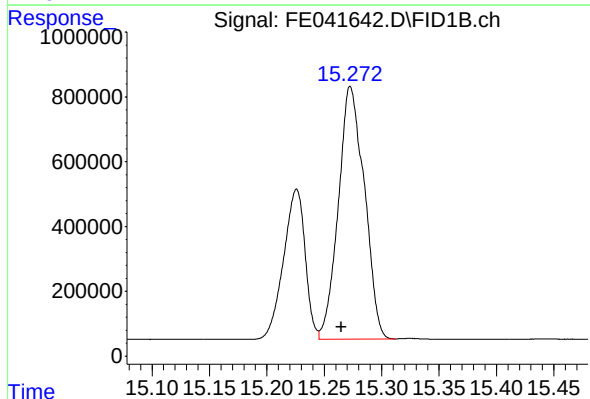
#13 n-Docosane (C22)

R.T.: 14.178 min
Delta R.T.: 0.016 min
Response: 6589006
Conc: 41.35 ug/ml

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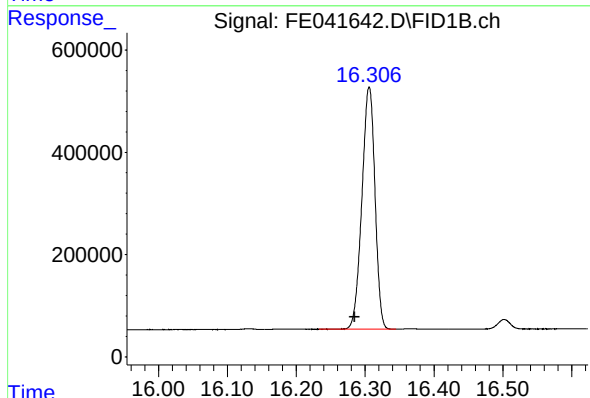
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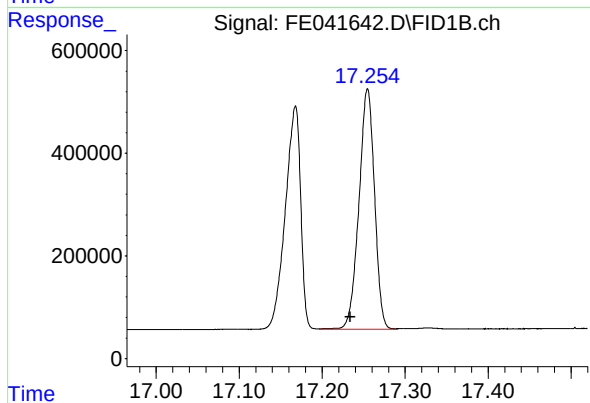
#14 n-Tetracosane (C24)

R.T.: 15.273 min
Delta R.T.: 0.008 min
Response: 12278439
Conc: 76.16 ug/ml



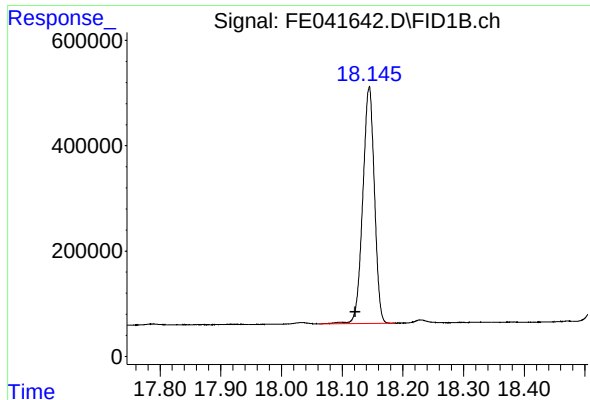
#15 n-Hexacosane (C26)

R.T.: 16.306 min
Delta R.T.: 0.021 min
Response: 6259077
Conc: 39.59 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.255 min
Delta R.T.: 0.021 min
Response: 6112745
Conc: 39.73 ug/ml



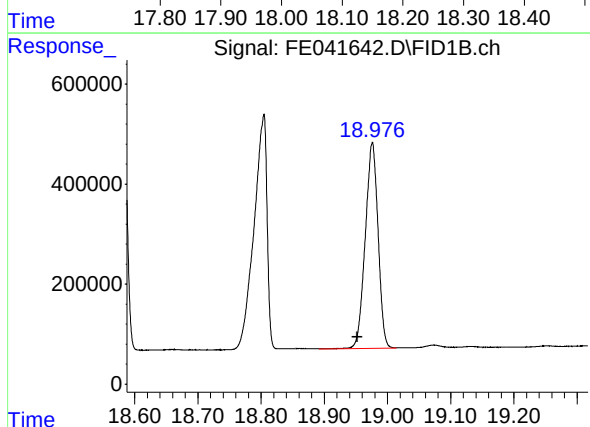
#17 n-Tricontane (C30)

R.T.: 18.144 min
Delta R.T.: 0.023 min
Response: 6001265
Conc: 39.40 ug/ml

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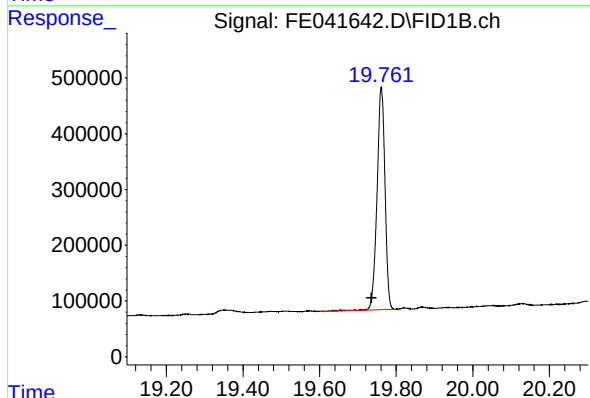
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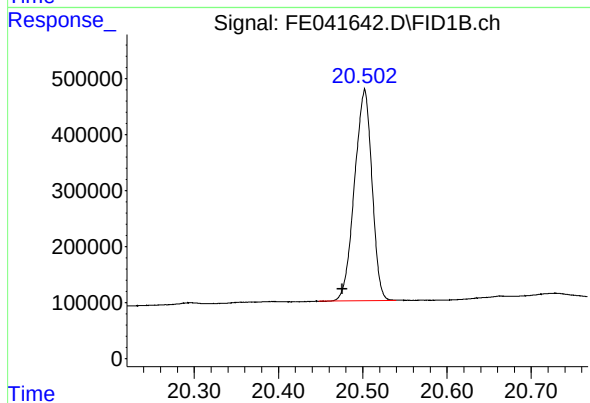
#18 n-Dotriacontane (C32)

R.T.: 18.976 min
Delta R.T.: 0.024 min
Response: 5802861
Conc: 38.95 ug/ml



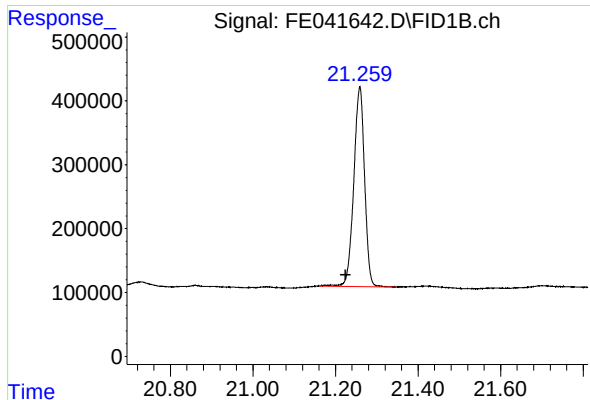
#19 n-Tetratriacontane (C34)

R.T.: 19.761 min
Delta R.T.: 0.025 min
Response: 5760756
Conc: 40.89 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.502 min
Delta R.T.: 0.026 min
Response: 5433949
Conc: 40.63 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.259 min
Delta R.T.: 0.034 min
Response: 5698908
Conc: 43.13 ug/ml

Instrument :

FID_E

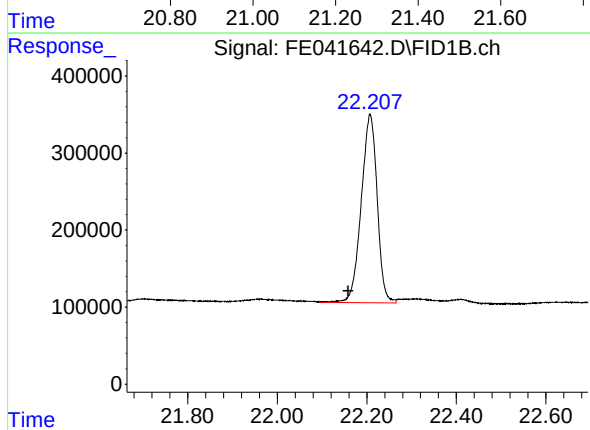
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#22 n-Tetracontane (C40)

R.T.: 22.207 min
Delta R.T.: 0.049 min
Response: 6047560
Conc: 47.76 ug/ml