

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE013124AL\
 Data File : FE046497.D
 Signal(s) : FID1B.ch
 Acq On : 31 Jan 2024 18:17
 Operator : YP\AJ
 Sample : P1297-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TR-05-013024MSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 02/01/2024
 Supervised By :Sohil Jodhani 02/01/2024

Integration File: autoint1.e
 Quant Time: Jan 31 21:37:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 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)	11.821	2740019	14.818 ug/mlm
Spiked Amount 50.000		Recovery =	29.64%
12) S 1-chlorooctadecane (S...	13.288	88964822	625.300 ug/ml
Spiked Amount 50.000		Recovery =	1250.60%
Target Compounds			
1) T n-Nonane (C9)	3.205	17271	0.107 ug/mlm
2) T n-Decane (C10)	4.458	204712	1.249 ug/ml
3) T A~Naphthalene (C11.7)	6.186	316256	1.849 ug/mlm
4) T n-Dodecane (C12)	6.626	1541591	9.320 ug/mlm
5) T A~2-methylnaphthalene...	7.263	493926	3.097 ug/mlm
6) T n-Tetradecane (C14)	8.453	2081976	12.703 ug/mlm
7) T n-Hexadecane (C16)	10.063	2191359	12.824 ug/mlm
8) T n-Octadecane (C18)	11.507	1711387	9.816 ug/mlm
10) T n-Eicosane (C20)	12.817	1257687	7.407 ug/mlm
11) T n-Heneicosane (C21)	13.438	1060817	6.360 ug/ml
13) T n-Docosane (C22)	14.018	678568	4.096 ug/mlm
14) T n-Tetracosane (C24)	15.121	1929458	11.693 ug/ml
15) T n-Hexacosane (C26)	16.143	160269	0.993 ug/mlm
16) T n-Octacosane (C28)	17.096	115268	0.734 ug/mlm
17) T n-Tricontane (C30)	17.989	174422	1.114 ug/mlm
18) T n-Dotriacontane (C32)	18.822	326131	2.158 ug/mlm
19) T n-Tetratriacontane (C34)	19.611	190924	1.346 ug/mlm
20) T n-Hexatriacontane (C36)	20.345	233611	1.695 ug/mlm
21) T n-Octatriacontane (C38)	21.078	79059	0.617 ug/mlm
22) T n-Tetracontane (C40)	21.973	111253	0.890 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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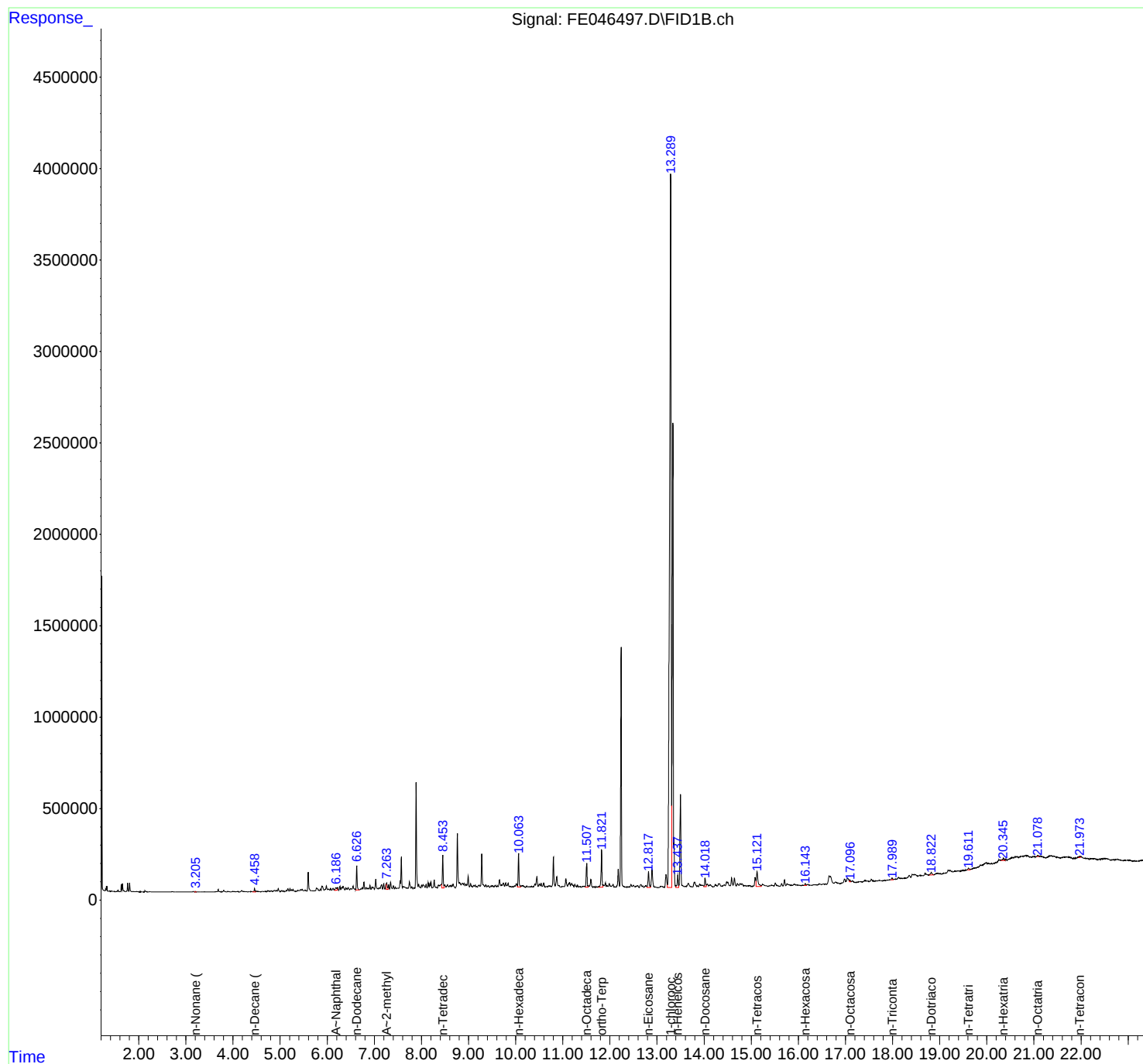
Instrument :
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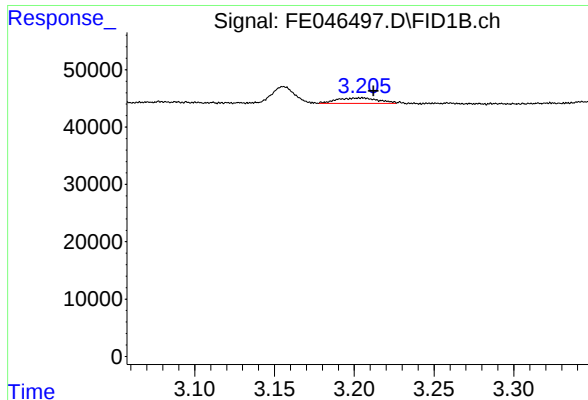
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.205 min
Delta R.T.: -0.007 min
Response: 17271
Conc: 0.11 ug/ml

Instrument :

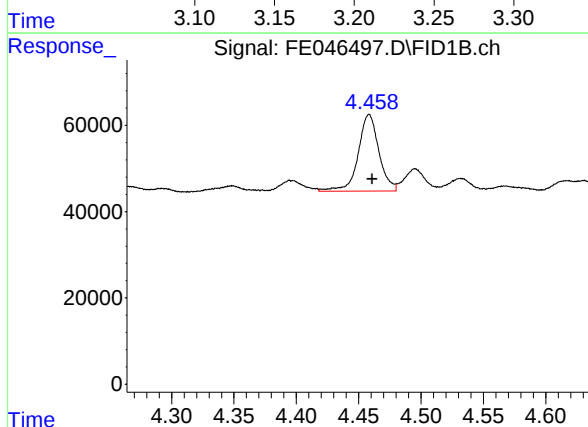
FID_E

ClientSampleId :

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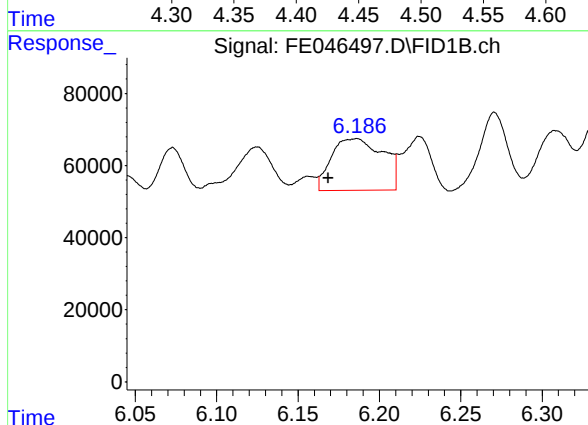
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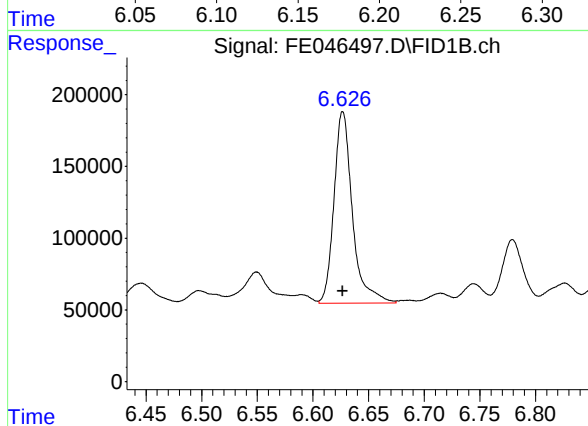
#2 n-Decane (C10)

R.T.: 4.458 min
Delta R.T.: -0.002 min
Response: 204712
Conc: 1.25 ug/ml



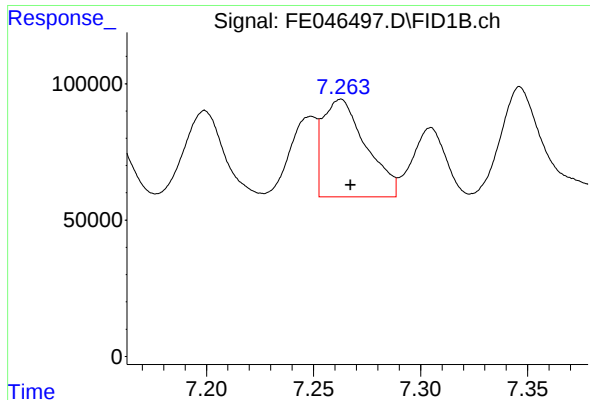
#3 n-Undecane (C11.7)

R.T.: 6.186 min
Delta R.T.: 0.017 min
Response: 316256
Conc: 1.85 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 1541591
Conc: 9.32 ug/ml m



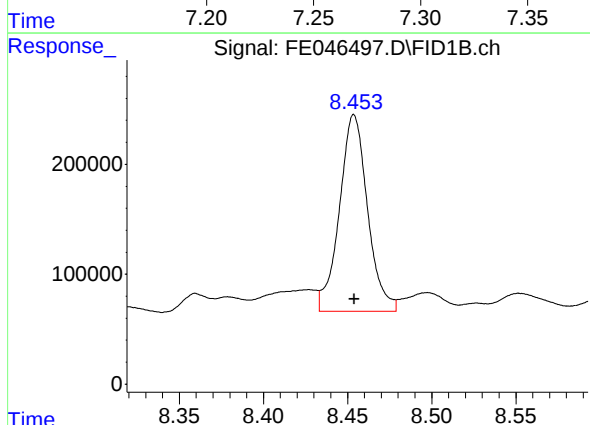
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.263 min
Delta R.T.: -0.005 min
Response: 493926
Conc: 3.10 ug/ml

Instrument :
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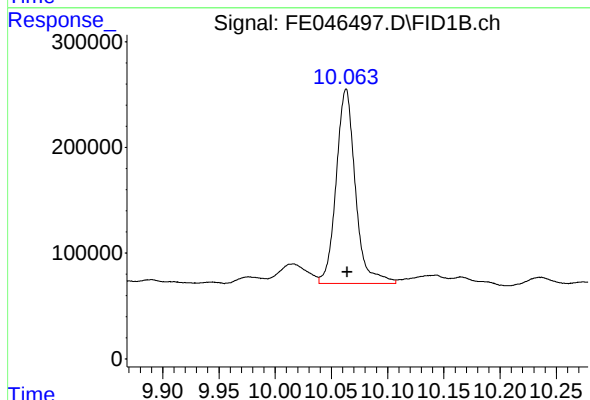
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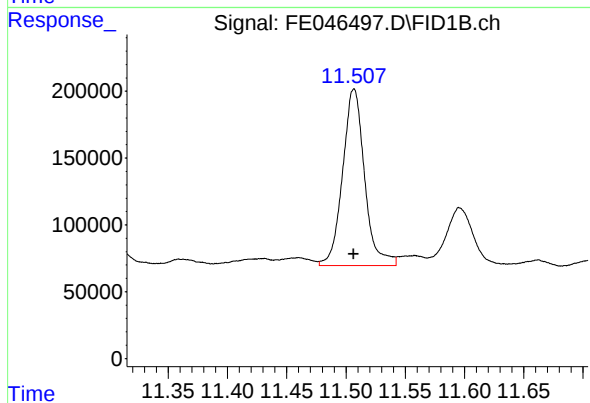
#6 n-Tetradecane (C14)

R.T.: 8.453 min
Delta R.T.: 0.000 min
Response: 2081976
Conc: 12.70 ug/ml m



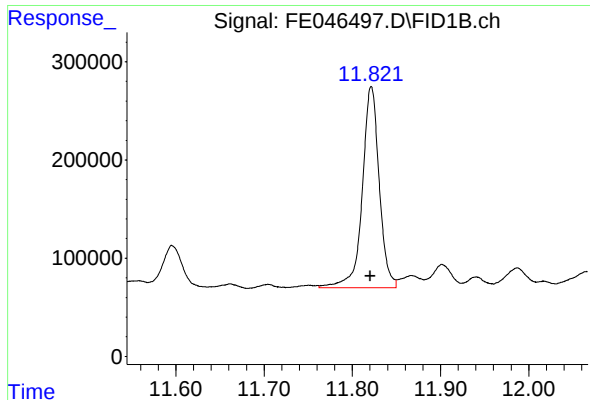
#7 n-Hexadecane (C16)

R.T.: 10.063 min
Delta R.T.: -0.001 min
Response: 2191359
Conc: 12.82 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.507 min
Delta R.T.: 0.000 min
Response: 1711387
Conc: 9.82 ug/ml m



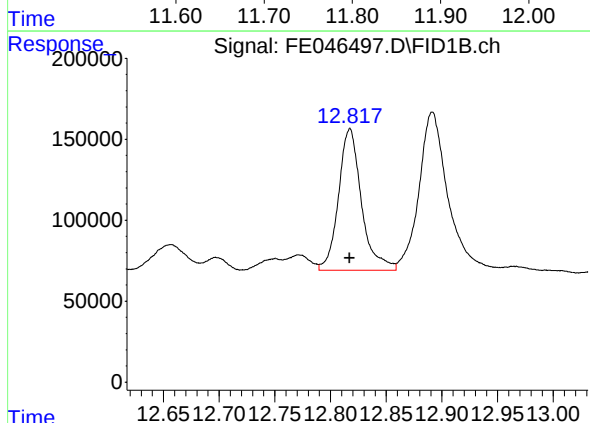
#9 ortho-Terphenyl (SURR)

R.T.: 11.821 min
Delta R.T.: 0.000 min
Response: 2740019
Conc: 14.82 ug/ml

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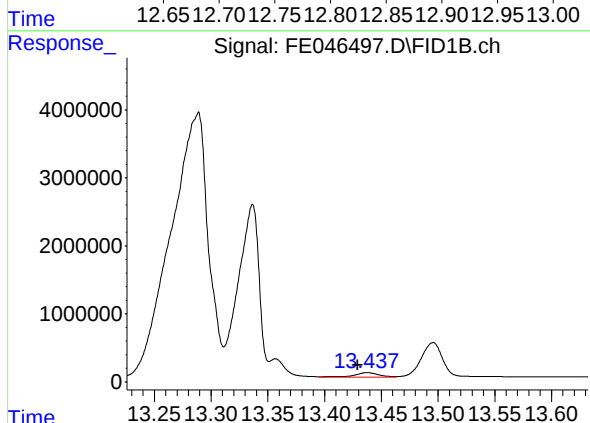
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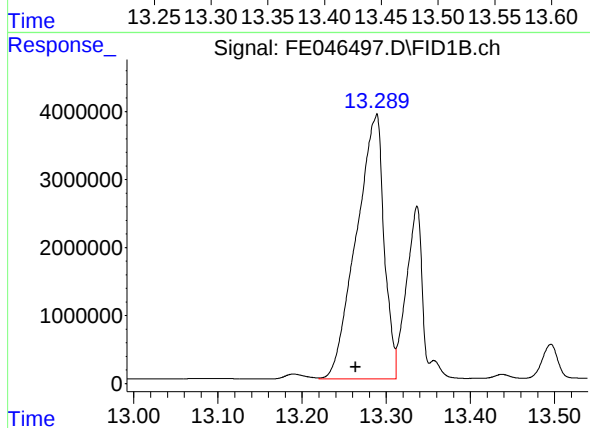
#10 n-Eicosane (C20)

R.T.: 12.817 min
Delta R.T.: 0.000 min
Response: 1257687
Conc: 7.41 ug/ml m



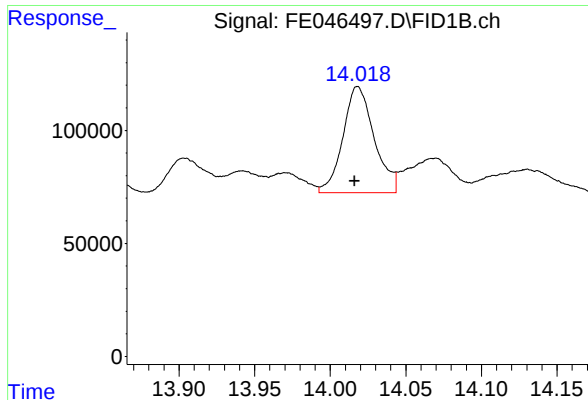
#11 n-Heneicosane (C21)

R.T.: 13.438 min
Delta R.T.: 0.008 min
Response: 1060817
Conc: 6.36 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.288 min
Delta R.T.: 0.025 min
Response: 88964822
Conc: 625.30 ug/ml



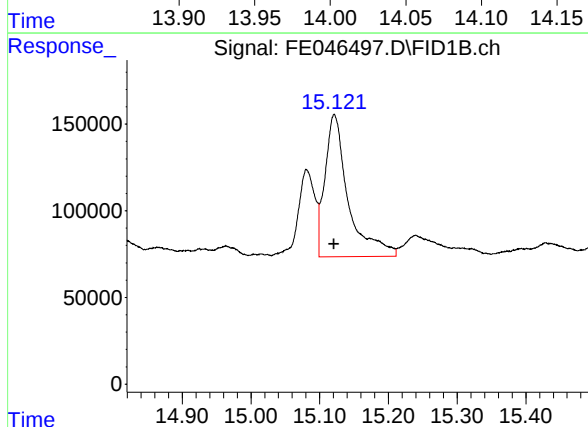
#13 n-Docosane (C22)

R.T.: 14.018 min
Delta R.T.: 0.002 min
Response: 678568
Conc: 4.10 ug/ml

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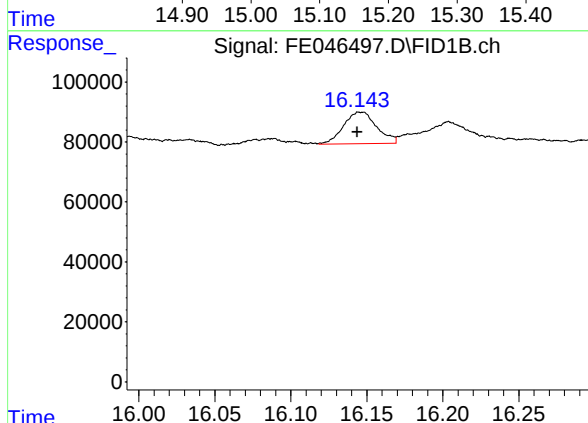
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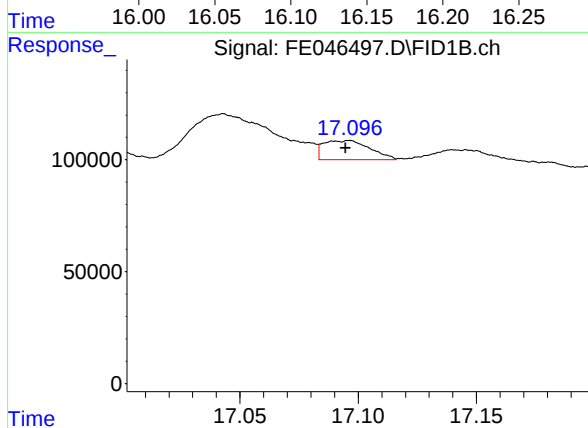
#14 n-Tetracosane (C24)

R.T.: 15.121 min
Delta R.T.: 0.000 min
Response: 1929458
Conc: 11.69 ug/ml



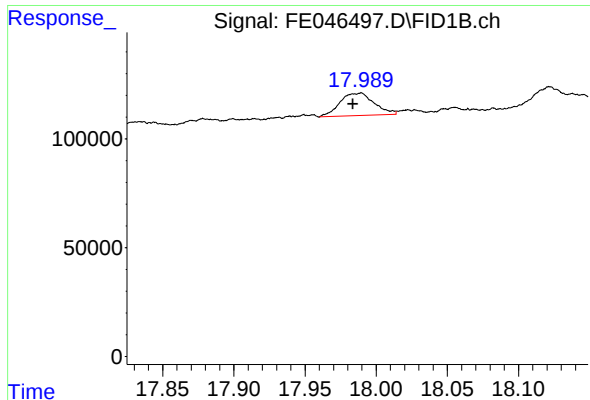
#15 n-Hexacosane (C26)

R.T.: 16.143 min
Delta R.T.: 0.000 min
Response: 160269
Conc: 0.99 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.096 min
Delta R.T.: 0.002 min
Response: 115268
Conc: 0.73 ug/ml m



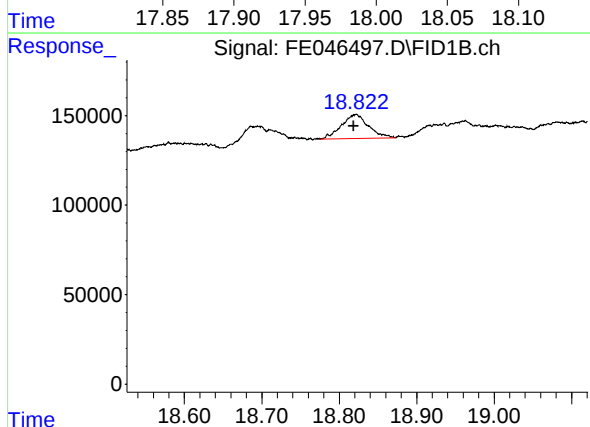
#17 n-Tricontane (C30)

R.T.: 17.989 min
Delta R.T.: 0.006 min
Response: 174422
Conc: 1.11 ug/ml

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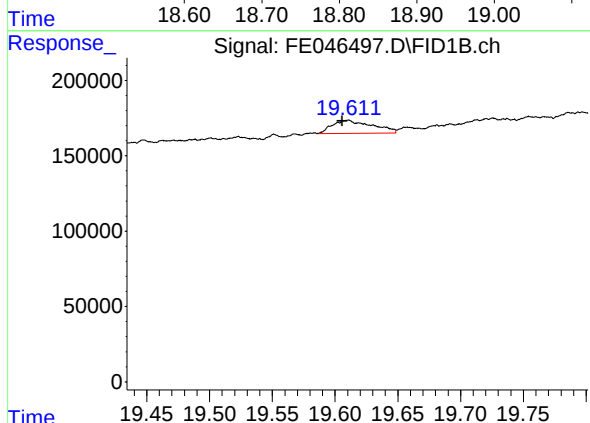
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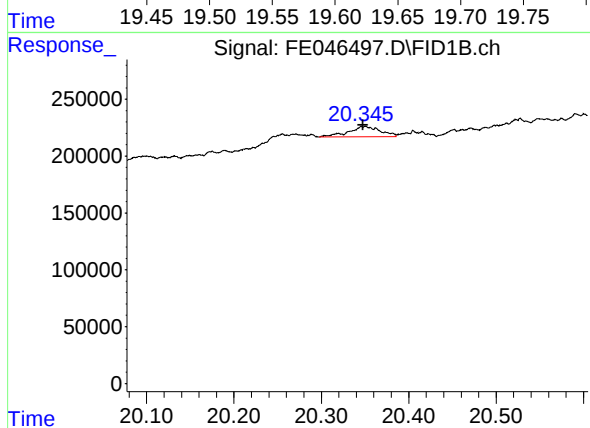
#18 n-Dotriacontane (C32)

R.T.: 18.822 min
Delta R.T.: 0.003 min
Response: 326131
Conc: 2.16 ug/ml m



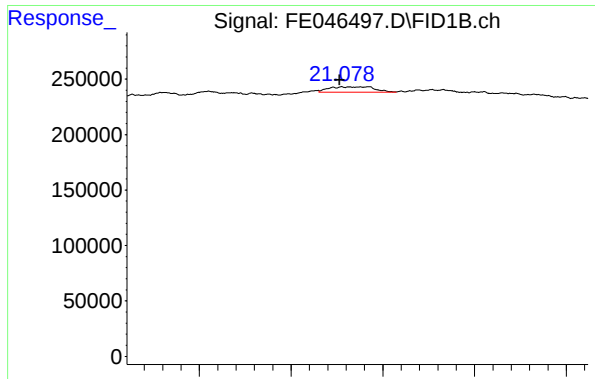
#19 n-Tetatriacontane (C34)

R.T.: 19.611 min
Delta R.T.: 0.005 min
Response: 190924
Conc: 1.35 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.345 min
Delta R.T.: -0.002 min
Response: 233611
Conc: 1.69 ug/ml m



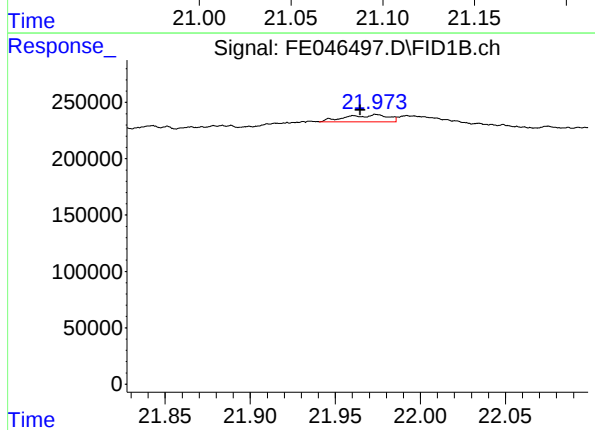
#21 n-Octatriacontane (C38)

R.T.: 21.078 min
Delta R.T.: 0.001 min
Response: 79059
Conc: 0.62 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.973 min
Delta R.T.: 0.008 min
Response: 111253
Conc: 0.89 ug/ml m